

*Daily Notes*  
for

1867 & 1868.

THW  
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*Meteorological Journal,*  
— 1867. —

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# January + 1867.

Jan's.	Baro. meter	Wind.	Thermom. Lowest. 8 am. Highest.		Weather, &c.	Thermom. at 8 pm.	Notes.	Rain.
Tu. 1.	29.44 -42	NW <sub>2</sub> Var. 1. NNW <sub>1</sub>	25 29 31		Heavy snow early A.M. Sharp frost, and bright day. More severe in the Evening & night, chiefly clear till after 12 pm. -	19	Much Snow.	0
W. 2.	-34 -31	NE <sub>1</sub> E <sub>2</sub> E <sub>1</sub>	10 23 32		Very severe frost, and much snow at times till 3 pm. then finer, but cloudy. Evening again chiefly clear. Snow in the night. -	26	Much Snow.	0
Th. 3.	-73 -83	NW <sub>2</sub> NW <sub>1</sub> N <sub>1</sub>	15 25 32		Severe frost, and snow in the morning early. Foggy day, sun at times, and clear evenings, and sharper frost again. -	18	Snow A.M.	0
F. 4.	-95 30.03	N <sub>2</sub> W <sub>1</sub> W <sub>1</sub> NW <sub>2</sub>	12 14 26		Extreme sharp frost & clear, very bright all day, and very sharp air. Sun set in haze. Very severe night. & a rime on trees. -	19	A very severe day.	
S. 5.	-13 -07	Var. 0. SE <sub>2</sub> SE <sub>4</sub> 6.	10 11 34		Extremely sharp rime frost, & clear till 11 am. afterwards very hazy, & cloudy, and wind rising, but frost abating. Blowing Evening, & night. -	31	Hard Gale at night.	
Su. 6.	29.58 -52	SE <sub>3</sub> SE <sub>3</sub> SSE <sub>1</sub>	29 34 37		Overcast, little rain & thaw. Foggy more or less all day, raining and dark Afternoon. Evening very foggy, but fine and calm. -	37	new moon 0.30 a.m. gentle thaw.	17
M. 7.	-47 -27	S <sub>4</sub> S <sub>3</sub> S <sub>3</sub>	34 46 51		Dark and rainy morning, rapid thaw & rough wind. Cleared off at noon, flying clouds and sun, and very mild. A sudden change. -	47	Δhδ Floods on the valleys.	45
415.09			135243		Mean Temp 27 only!	Rain & over 62		
			378		= 8° below Average. -			



# January 1867.

Jan.	Baro. meter	Wind.	Thermom. Lowest 8 am Highest	Thermom. at 8 pm.	Notes.	Rain
						0.62
Tu. 8.	28.88 29.05	S 6. SW 5. SW 2.	46 50 52		Heavy Gale, and rain at times, some of it heavy till about noon, after-wards fine, with sun, and clouds. Stormy clouds at a distance.	very stormy and mild. 20
W. 9.	-22 -12	SSE 3. S E 4. S 4.	35 37 44		Squally sky, and became cloudy with rain at times, and gusty wind. Blowing and rainy evening. Finer night.	21
Th. 10.	28.96 29.31	W 3. NW 4. NW 4.	39 41 42		Cloudy and squally, dark and unpleasant day, little rain at times. Evening finer, but chiefly cloudy.	30 3 12
F. 11.	-67 -73	NW 2. NW 3. NW 3.	31 32 36		Snow early AM. frosty & bright morn'g, and the day mostly sunny, with grey clouds. Little snow 4 pm. Ward frost night.	Snow. 0
S. 12.	-76 -62	SW 2. SW 1. W 2.	20 20 31		Very hard frost, hazy & thick from SW. Heavy fall of snow soon after 1 pm, Evening clearer, & sharp frost. Snow in the night.	* 0 h Snow. 0
Su. 13.	-63 -75	NW 3. NW 3. NW 1.	17 25 30		Severe frost, and much snow early A. M. The day chiefly bright, & very cold. Clear & severe evening, & night.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 4.34 pm. 3 H 8 19
M. 14.	-87 -89	W 1. W 2. W 2.	8 12 2 1/2		Clear, & extremely sharp frost. Bright till 1 pm, afterwards cloudy with snow. Clearer. Even'g, and very severe.	Extremely severe. Snow pm. 0

41346 1962625 Mean Temp 32° 75. Rain 1.15  
458.5 = 2 1/4° below Average. (can. up)

# January 1867.

Jan.	Baro. meter	Wind.	Thermom. Lowest 8 am Highest	Thermom. at 8 pm.	Notes.	Rain
						1.15
Tu. 15.	29.97 -95	W 1. NW 1. N 1. Var. 1.	16 21 31		Sharp rime-frost, & in part clear; the afternoon more cloudy with snow at times. Evening bright, moon-light. Much snow in the night.	0 snow pm. 0
W. 16.	-84 -78	NE 6. NE 6. NE 4.	21 32 33		Overcast, blowing hard all the morn'g, & drifting snow; furious squalls at times all day with snow and much during evening and night.	Gale & snow-drift. 0
Th. 17.	-57 -50	NW 3. NW 2. NW 2.	26 29 32 1/2		Heavy snow early AM, & at times till noon, finer afternoon, but cloudy, and wind abated. Evening clearer & nearly calm.	Great snow and very deep. 0
F. 18.	-52 -69	W 1. NE 1. NE 0.	25 27 33		Cloudy, but continued frost few flakes of snow. but in the afternoon sun at times. Even'g clear above, and fog below, & calm, but very severe.	18
S. 19.	-90 30.01	NE 0. NE 0. NE 1.	18 22 29		Little snow in night past, fine & sharp morn'g, bright, and calm till 3 pm, after-wards cloudy at times but continued frost.	25 1/2
Su. 20.	-03 -05	E 3. E 3. E 4.	25 27 31		Cloudy, keen wind, and continued frost. The same all day, and evening. Night fine, but cloudy as before, & less wind.	Full moon 7.36 am. 3 8 8 27
M. 21.	29.98 -98	E 2. E 3. E 2.	26 28 30		Cloudy, less wind, but very cold, the whole day the same, but more wind PM. Evening very cloudy frost continued.	26

41777 1572195 Mean Temp 26° 89 only! Rain 1.15  
376.5 = 8 1/4° below Average! (can. over)



# January 1867.

Jan.	Baro. meter	Wind.	Thermom. Lowest	Thermom. at 8 pm.	Thermom. Highest	Weather, &c.	Rain notes	1.57
Tu. 22.	30.11	ESE <sub>1</sub> SE <sub>3</sub> SE <sub>3</sub>	26 28 29			Cloudy & continued frost, very sharp wind, and a little granular snow at times. Frost sharp till after midnight, then a change. — 24 1/2		
W. 23.	29.78	S <sub>2</sub> S <sub>2</sub> S <sub>3</sub>	24 1/2 35 40			Fog, & thaw since 2 am; very dense fog continued all day. Evening rainy, more wind, and thawing faster. Night finer & clearer. — 40	73	
Th. 24.	-60	SSW <sub>3</sub> SW <sub>3</sub> SW <sub>1</sub>	38 44 51			Clouds & sun, with brisk wind, but mild, and great change. Evening calm, & fine. Night cloudy and very little wind. — 44	sudden change, great floods.	
F. 25.	-54	W <sub>1</sub> SW <sub>4</sub> W <sub>4</sub> NW <sub>4</sub>	38 38 47			Foggy till 10 am, then sun and clouds by turns. Very dark about noon, little rain, then again bright. Even nearly clear, and again colder. — 40	* 1/2	
S. 26.	30.14	NW <sub>2</sub> NW <sub>1</sub> S <sub>3.4</sub>	36 37 41			Clouds and sun, in the forenoon, but thick and hazy afternoon. Cloudy evening and more wind. Squally and rainy night. — 38	27	
Su. 27.	29.88	SW <sub>2</sub> W <sub>4</sub> W <sub>1</sub>	38 50 56			Mild, with sun and clouds, and wind gusty at times, but became gentle after 3 pm, and a very mild and tranquil evening. Rain 8 pm. — 48	moon last Dr. 2.47 pm.	
Mo. 28.	29.98	SW <sub>3</sub> SW <sub>6</sub> SW <sub>6</sub>	47 50 52			Cloudy with smoky haze, followed by rain from 1 pm. in trifling showers, and heavy gusts of wind; the same all the evening. — 46		
	41.825		24 1/2	31.6		Mean Temp 40.25	Rain 1.57	
			56.35			5° above Average.	car up	

# January 1867.

Jan.	Baro. meter	Wind.	Thermom. Lowest	Thermom. at 8 pm.	Thermom. Highest	Weather, &c.	Rain notes	1.57
Tu. 29.	30.10	SW <sub>3</sub> SW <sub>3</sub> SW <sub>4</sub>	38 40 49			Clouds & sun, with drying breeze; blue haze at noon, then overcast, and rain at times. Blowing night, and mostly cloudy, and mild. — 48	02	
W. 30.	-83	SW <sub>3</sub> SW <sub>4</sub> SW <sub>2</sub>	47 48 50			Blowing & little rain early. Hazy & cloudy day, with little sun, but mild. — Dry rainy evening, and very heavy at times. — Finer after 10 pm. — 43	03 Great rain all even.	1.00
Th. 31.	-97	W <sub>3</sub> W <sub>3</sub> W <sub>2</sub>	35 36 45			Flying clouds and sun, with colder wind, less wind in the evening, and chiefly a clear sky. — 39	Great flood.	
	179.76		120	144		Mean Temp 3 days 44° —	Rain 2.62	

## Barometer.

Highest on the 26<sup>th</sup> — 30.17

Lowest on the 8<sup>th</sup> — 28.88

Range — 1.29

Mean of Month 29.74

Gales on 4 days.

Prevailing winds NW, SW, & W. — Fine days 11; snow on 10 days; rain on 10 days; depth of rain 2.62 Inches.

## Thermometer.

Highest on the 27<sup>th</sup> — 56°

Lowest on the 14<sup>th</sup> — 8°

Range — 48°

Mean daily range — 10° 62

Mean of Month — 32° 9 !

3 degrees below Average — nearly.



# Summary Notes on January 1867.

With trifling intermission, this month was notable for unusually severe frost to the 23<sup>d</sup> day, and great falls of snow during the same period, at frequent intervals. Several lives lost through exposure to the frost, in many parts of England! —

It is remarkable, also that the neighbourhood of London, and some more Southern Stations had a far greater severity of cold than elsewhere! —

With us up to the 23<sup>d</sup> the mean Temperature was only 28°.8, this exceeds any winter since 1838!

Up to 28<sup>th</sup> pm. the mean was still only 31°.71, but the last 3 days proved mild, so as to raise it much, yet the month's mean was as low as 32°.1, or full 3° below the Average. —

Public Health suffered much, and the mortality was great, especially among the aged, as it always is in severe winters. —

# February 1867.

Feb.	Baro. meter	Wind.	Thermom. Lowest	8 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	Notes	Rain.
F. 1.	30.20	SSE <sub>3</sub> S <sub>3</sub> S <sub>2</sub> SSW <sub>2</sub>	35	42	50	Cloudy, lowering & little wet, in the morn. Day chiefly overcast and very dark with a thick blue haze. Evening overcast and mild. —	50		.05
S. 2.	-26 -39	W <sub>3</sub> W <sub>5</sub> W <sub>2</sub>	43	45	47	Bright sun, and flying clouds, and boisterous wind, but less in the Evening, and fine night, and in part clear. —	39		
Su. 3.	-51 -52	W <sub>2</sub> W <sub>3</sub> SW <sub>2</sub>	33	36	45	Bright all day, scarcely a cloud, but a very bleak wind. — Evening chiefly clear, and inclined to be frosty. Change after 10 pm. —	35	604	
M. 4.	29.92	S <sub>4</sub> S <sub>4</sub> SW <sub>2</sub>	34	41	47	Cloudy, blowing morn, with sudden fall of Barometer. raining from 1 pm, till 4 pm, then fine, but a stormy sky. squalls & hail. — 8 pm. —	37	new moon 6.16 pm.	.16
Tu. 5.	-57 -30	SW <sub>2</sub> SSW <sub>4</sub> SSW <sub>2</sub>	33	37	45	Bright morn, but soon very hazy and lowering, with some rain at times in the afternoon. — Squally all night. —	43		.06
W. 6.	28.90 28.94	SW <sub>6</sub> W <sub>7</sub> W <sub>7</sub>	42	45	47	Galy & heavy rain 4 to 5 am then finer, with strong gales through the day, sun at times and much cloud, with driving sleet-storms. pm. —	40	Floods returned.	.31 .06
Th. 7.	29.62 -80	W <sub>4</sub> W <sub>6</sub> W <sub>4</sub>	34	38	42	Squally and blowing all day, very cold, but fair, with flying clouds and sun. Stormy night. —	36	6248	
417.67			254	323	Mean Temp 41°.21. —		Rain — 0.64		
			577	= 4.4° above Average.		car. over			



# February 1867.

Feb.	Barom. eter.	Wind.	Thermom. Lowest. 8 am.	Thermom. Highest. at 8 pm.	Notes.	Rain.
F. 8.	29.40 -51	SW <sub>6</sub> W <sub>7</sub> WSW <sub>5</sub>	36 51 53		Heavy gales & rain at times from 7 am, and a furious driving storm at 11½ am. Finer afternoon, but blowing hard at times. Fine but windy nt.	16 24
S. 9.	-81 30.13	WSW <sub>4</sub> W <sub>2</sub> W <sub>1</sub> SW <sub>½</sub>	41 44 50		Clear morn'g, and a fine, & bright day, wind falling by degrees to nearly a calm. Very hazy evening, little wet at night.	02
Su. 10.	-10 -08	S <sub>3</sub> SSW <sub>2</sub> SSW <sub>3</sub> SW <sub>4</sub>	40 48 52		Cloudy, mild morn'g, cleared after 8, bright a short time, then cloudy more or less all day, and in the evening more wind. - Squally night.	8 H ♀
M. 11.	29.94 30.20	W <sub>4</sub> W <sub>5</sub> W <sub>4</sub> WSW <sub>4</sub>	38 40 45		Stormy rain early AM. Bright day, but blowing, and colder, - and more clouds after 3 pm. Evening cloudy more or less.	5 ♀ 0 17
Tu. 12.	-24 -30	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	39 48 53		Cloudy & mild, and the day nearly alike throughout. Clouds loftier after 3 pm; very mild & nearly calm evening, and night.	moon 1st. Dr 1.40 am □ H ♀
W. 13.	-44 -44	SW <sub>0</sub> SW <sub>1</sub> SW <sub>0</sub>	46 48 50		Calm, mild, & gray morning continued cloudy more or less, and a calm and cloudy evening, and night.	□ 0 H
Th. 14.	-47 -43	NE <sub>1</sub> E <sub>2</sub> E <sub>1</sub>	43 43 48		Cloudy with some sun at times; and a little more wind PM. Clear Even'g but fog below.	42
421.49		283351		Mean Temp 45° 28. ) Rain 1.23 634 = 8° above Average. } car up.		

# February 1867.

Feb.	Baro. meter.	Wind.	Thermom. Lowest. 8 am.	Thermom. Highest. at 8 pm.	Notes.	Rain.
F. 15.	30.25 -01	SE <sub>1</sub> SE <sub>3</sub> S <sub>2</sub> S <sub>2</sub>	36 40 52		Bright all day, with a drying breeze. but the evening cloudy, and rain after 7 pm, but finer in the night.	1.23 Crocus in full flower.
S. 16.	29.92 -93	S <sub>2</sub> S <sub>2</sub> S <sub>1</sub>	44 48 56		Close, and cloudy, with sun, but chiefly bright and a warm afternoon and pleasant & mild evening. - Rain at 11 pm.	07 3 ♂ ♀
Su. 17.	30.02 -20	SE <sub>1</sub> NW <sub>1</sub> NE <sub>1</sub>	45 48 53		Close & foggy morn'g, and some fog continued all day. very damp & gloomy, but mild. Even'g and night more foggy.	22
M. 18.	-48 -54	NE <sub>1</sub> NE <sub>2</sub> NE <sub>3</sub>	40 42 44		Thick fog all day, very gloomy and unpleasant. more wind in the evening but still foggy. - Clearer in the night.	Full moon 7.41 pm. △ H ♀
Tu. 19.	-49 -44	SE <sub>2</sub> S <sub>1</sub> SE <sub>1</sub>	41 44 49		Foggy more or less, but clearer after 1 pm. Still cloudy, but finer; and clearer evening and night.	45
W. 20.	-50 -54	SE <sub>1</sub> SW <sub>1</sub> W <sub>2</sub>	42 46 55		Clouds & sun, but chiefly bright, and mild. very bright from 3 pm, and a very fine evening, & night.	48
Th. 21.	-58 -54	SW <sub>1</sub> SW <sub>2</sub> SW <sub>3</sub>	39 45 53		Cloudy with little sun, and a drying breeze. - Evening cloudy & mild breezes continued.	46 △ 3 ♀
424.44		2873625		Mean Temp 46° 39. - ) Rain = 1.52 6495 = 9° above Average. } car over		



# February 1867.

Feb.	Baro- meter	Wind.	Thermom. 8 am	Thermom. at 8pm.	Weather, &c.	notes.	Rain
			8 am <td></td> <td></td> <td></td> <td>1.52</td>				1.52
F. 22.	30.50 -43	SW <sub>1</sub> SW <sub>3</sub> SW <sub>3</sub>	45 48 53		Fine & mild, but cloudy and very little sun, wind rose from 11 a.m., very dry- ing day, and the evening mild. Fine night. —	47	
S. 23.	-50 -53	W <sub>3</sub> W <sub>3</sub> W <sub>1</sub>	43 45 53		Cloudy with sun, and a very drying breeze. — Fine evening, chiefly clear, and wind gone down. —	43	Δ O H
Su. 24.	-35 -17	SW <sub>2</sub> SW <sub>3</sub> SW <sub>4</sub>	36 44 51½		Cloudy, with very drying wind, and some sun at times; Evening clearer, and wind less in the night. —	46	
M. 25.	-25 -20	W <sub>2</sub> W <sub>3</sub> W <sub>1</sub>	38 42 46		Hazy, very thick, leaden sky all day, and cold wind. Rather clearer after 4 pm, less wind, and a rosy sky. —	41	
Tu. 26.	-02 -10	NW <sub>4</sub> NW <sub>1</sub> N <sub>1</sub>	39 40 45½		Stormy showers at 3 am & at 5, afterwards less wind some sun at times. Evening frosty, & very little wind. Fine night. —	36	MOON last. Dr 11.32 am.
W. 27.	-15 -21	N <sub>1</sub> N <sub>1</sub> NE½	29 32 43		Clear, & frosty morn'g; and a fine bright day, with a cold air, & some clouds. — Frosty Evening. —	34	* ♀ ♂
Th. 28.	-31 -36	NE½ E <sub>1</sub> E <sub>2</sub>	26 31 43		Sharp white frost, very keen air all day, but fine, & mostly sun. Sleet & hail at a distance. —	34	Δ h ♂
424.08		256.335		Mean Temp 42° 21. — ) Rain 1.64			
591 = 5° above Averages. —							

Results, Feb 5 1867.

Barometer.

Highest on 21<sup>st</sup> 30.58  
Lowest on 6<sup>th</sup> 28.90  
Range — 1.68  
Mean of Month 30.13

Thermometer.

Highest on 16<sup>th</sup> 56. —  
Lowest on 28<sup>th</sup> 26. —  
Range — 30° —  
Mean (daily range) 10.41.  
Mean of Month — 43.77  
6¼ Degrees above Average.

Gales on 3 days. —

Prevailing currents the SW, and W. — Fine days 19;  
Depth of Rain 1.64 Inch. —

This was a very mild month, very remarkable in being of quite opposite character to the preceding month. And the rainfall was not great. The early kinds of Spring flowers were lovely all the month, and even the March Crocuses, and blue and white Violets were in full bloom from the early part of the Month! So sudden a change was it from the opening of February, that it seemed like a flash of vernal beauty after the rigorous January just gone by! Public health suffered considerably, and mainly so from the after effects of the previous severity of frost. — The last two days brought back a little frost. —



March 1867.

March.	Baro- meter.	Wind.	Thermom. Lowest.	8 a.m.	Highest.	Weather, &c.	Thermometer at 8 p.m.	Notes.	Rain.
Fr. 1.	30.57 -63	NE <sub>3</sub> NE <sub>2</sub> NE <sub>1</sub>	31 36 42			Little snow, early, cloudy with sun, & cold breezes, but a fine and drying day. Frosty evening, and less wind. —	33	* ♀	•
S. 2.	-77 -82	E <sub>1</sub> E <sub>2</sub> E <sub>3</sub>	29 33 40			Grey clouds and sun, with very cold wind, and more wind, in the evening, — but less after 8 p.m., and more frost. —	32		
Su. 3.	-78 -70	NE <sub>1</sub> NE <sub>3</sub> NE <sub>3</sub>	27 33 42			Clear & frost early, fine and bright day, then clouds, and very cold wind. Evening more clouded. & night, the same. —	34	Δ ♂	
M. 4.	-57 -50	NE <sub>2</sub> NE <sub>3</sub> NE <sub>2</sub>	33 38 46			Cloudy, and brisk wind: clearer after 11, bright afternoon, but cold. — Evening again cloudy. —	36		
Tu. 5.	-24 -20	NNE <sub>3</sub> NNE <sub>3</sub> NE <sub>2</sub>	35 40 48			Cloudy, and cold wind, became bright after 10 a.m., and the afternoon bright, but wind cold & brisk, and clear. Evening with a breeze. —	34		
W. 6.	29.95 -87	N <sub>3</sub> N <sub>2</sub> NE <sub>4</sub> NE <sub>2</sub>	31 36 40			Frost and hail early A.M. and in showers all forenoon. the Eclipse but little seen. Hail & snow storms P.M., sun between. Much snow in the evening from 4 p.m. —	32	new moon 9.38 a.m. & Solar Eclipse.	•
Th. 7.	-78 -74	NE <sub>3</sub> NE <sub>2</sub> NE <sub>3</sub>	29 32 38			Much snow all the morning, and at times during the day, often very heavy, but with sun at intervals. —	32	☐ ♀	•
42572		215296		Mean 36°5-			Rains - none.		
511 = 5½° below Average.									

March 1867.

March.	Baro. meter	Wind.	Thermom. Am. 8 Highest	Thermometer at 8 pm.	Notes	Rain.
F. 8.	29.72 -67	NE <sub>2</sub> NE <sub>1</sub> E <sub>1</sub>	29 34 38		Cloudy, snow at times, and some hail, with bright intervals. Finer after 3, but chiefly cloudy, and turbid sky. Even, stormy with hail. 34	0.0
S. 9.	-66 -65	E <sub>1</sub> E <sub>2</sub> E <sub>4</sub>	28 32 40		Hard frost & heavy; cloudy all day & lowering from S.E. More wind in the evening, and blowing night, with a slight misting rain. 37	
Su. 10.	-38 -47	E <sub>4</sub> NE <sub>4</sub> N <sub>3</sub>	36 41 42		Overcast & misting morn, but some hard rain. Early a.m. and very dark with drifting fog & rain all day at times, & very cold wind, abating at night. 37	0.3 34 73
M. 11.	-72 -82	N <sub>2</sub> NE <sub>1</sub> NE <sub>2</sub>	33 36 39		Overcast, snow at times, finer after 11, but still dark, cold, & cloudy. Evening fine, but very cold. 36	
Tu. 12.	-91 30.02	NE <sub>1</sub> E <sub>6</sub> E <sub>5</sub>	31 35 37		Cloudy, with squalls of Hail & sleet. A.M. Finer P.M., but a strong wind, & cloudy. Very cold night, and blowing hard, with frost. 34	very cold & blowing.
W. 13.	-11 29.94	E <sub>5</sub> E <sub>5</sub> E <sub>5</sub>	25 28 33		Severe freezing wind, and cloudy, very little sun at times, but piercing cold, all day. Blowing less during night, & cloudy. 29	moon 1st Dr 8.47 am
Th. 14.	-72 -70	E <sub>3</sub> E <sub>3</sub> E <sub>2</sub>	29 33 35		Cloudy with snow at times, dark, cold, and unpleasant. Wind rather abating all day - from previous force. 31	
4164.9		211264		Mean Temp -33.92.) Rain 0.50		
		475		= 8° below Average. carry over		



# March 1867.

March.	Baro. meter	Wind.	Thermom. 8 am	Thermom. at 8 pm.	notes.	Rain 0.50
F. 15.	29.83 -88	NW <sub>1</sub> N <sub>2</sub> N <sub>1</sub>	30 34 41		Clouds & sun, but chiefly fine, colder & more cloudy after 1 pm, few flakes of snow at times. — Fine frosty night. —	Δ O H Snow 34
S. 16.	-95 30.08	NW <sub>0</sub> N <sub>2</sub> N <sub>0</sub>	22 27 39		Sharp frost early, clear & very bright morn'g, but squalls of hail & sleet, after 11, & during the afternoon, & sharp frosty even'g. —	□ H 4 Snow & hail 28
Su. 17.	-12 -01	NE <sub>0</sub> E <sub>2</sub> E <sub>4</sub> E <sub>5.6</sub>	20 27 38		Severe frost early, bright morning, but clouds & wind, increased with hail & snow P.M. Even'g cloudy, and blowing hard all night. —	* 2 8 Snow & hail 32
M. 18.	29.74 -67	E <sub>6</sub> E <sub>5</sub> E <sub>3</sub> E <sub>2</sub>	30 34 34		Foggy and cloudy, & blowing hard all day, piercingly cold. Snow after 3 pm, and snowy rain, but less wind. Cloudy night & finer. —	Snow. 31
Th. 19.	-59 -44	NE <sub>2</sub> NE <sub>3</sub> NE <sub>3</sub>	30 34 35		Overcast, dark, and very cold all day, and in the afternoon a little snow at times, and some sleet. Driftly rain in the even'g. —	Snow. rain at eve. 34 15
W. 20.	-51 -71	NW <sub>2</sub> NW <sub>2</sub> N <sub>2</sub>	32 35 39		Cloudy, snow at 6 am, some sun in the day, but much cloud also, and sleet in the evening. Night fine and frosty. —	Full moon 8.55 am. 34
Th. 21.	-89 30.00	N <sub>2</sub> E <sub>2</sub> E <sub>1</sub>	28 34 39		Clouds & sun, with very cold breeze, and frosty morning and night, and chiefly clear after 5 pm. —	30

41742 192 265 Mean Temp 32°.64 Rain 0.65

457 = 9½° below Average.

carried up

# March 1867.

March.	Baro. meter	Wind.	Thermom. 8 am	Thermom. at 8 pm.	notes.	0.65
F. 22.	29.84 -82	ESE <sub>4</sub> SE <sub>3</sub> SE <sub>0</sub>	30 35 38		Cloudy & windy morn'g, and snow from 9 am, afterwards rain at times till 3 pm. Very foggy evening, and wind all gone: night foggy. —	18 38
S. 23.	-91 -73	SE <sub>2</sub> SE <sub>3</sub> SE <sub>4</sub>	34 42 49		Foggy morn'g, and till noon, afterwards cloudy more or less, & more wind with rain at times. Clear & fine at 9 pm. —	change to milder 46 13
Sa. 24.	-59 -73	SW <sub>2</sub> W <sub>2</sub> SW <sub>2</sub>	44 48 58		Much rain from 3 am, & till 7 am, then fine, and a warm & pleasant day rocky clouds and sun. Mild even'g & some clouds. —	warm & fine pm. 50 32
M. 25.	-84 -76	SW <sub>3</sub> SW <sub>3</sub> SSE <sub>4</sub>	44 50 57		Bright, at times, with flying clouds, warm, and growing day. Rain after 2 pm, and a blowing and wet evening. —	□ O H 48 21
Th. 26.	-49 -53	S <sub>5</sub> SW <sub>6</sub> SW <sub>2</sub>	44 50 5½		Squally wind, flying clouds and sun, stronger wind after 11, & till 3, afterwards less, and a bright even'g. and fine night. —	48
W. 27.	-54 -44	S <sub>4</sub> SW <sub>2</sub> SW <sub>2</sub> S <sub>1</sub>	38 48 55		Bright morn'g, with flying clouds. Heavy showers at 1½ pm & at 3. — afterwards fine, but a turbulent looking sky. —	Thunder in st. 2 pm. □ H 2 28
Th. 28.	-51 -55	SW <sub>1</sub> W <sub>3</sub> SW <sub>1</sub>	36 43 54		Bright, with rocky cumuli, & drying wind. — little shower & hail 5 pm. Clear evening. —	moon last Dr 7.46 am. □ H 2 02

41528

270369

Mean Temp 45°.64 Rain 1.79

639

3½ above

Average. —

carried over



# March 1867.

March	Baro. meter	Wind.	Thermom. Baro. 8 am	Thermom. at 8 pm	Notes	Rain 179
F. 29.	29.63	SW <sub>2</sub> W <sub>3</sub> W <sub>1</sub>	35 41 50		Cloudy more or less, and little sun at times, with a bleak wind. Even, nearly calm, & chiefly clear, and cold to the sense. — 44	
S. 30.	-82 -72	W <sub>2</sub> W <sub>5</sub> W <sub>4</sub>	35 42 53		Bright morning & till noon, but a squally afternoon, & storms of rain and hail. Boisterous & cold day, and much thunder Southward PM. 42	05
Su. 31.	30.02 -30	NW <sub>4</sub> NNW <sub>4</sub> N <sub>5</sub> N <sub>1</sub>	33 40 46		Bright with flying clouds, and keen wind. Very blustering and cold day, but much calmer in the Evening. — 38 Frosty night. — 38	04 1/2
179.20			103/149.5	Mean of 3 days 42.04. Rain 1.84		

## Barometer.

Highest on 2<sup>nd</sup> — 30.82

Lowest on 10<sup>th</sup> — 29.38

Range — 1.44

Mean of Month 29.89

Gales on 4 days. —

## Thermometer.

Highest on 24<sup>th</sup> — 58° —

Lowest on 17<sup>th</sup> — 20° —

Range — 38° —

Mean daily range 11° 37'

Mean of Month 37° 65'

About 4 1/2° below Average.

Prevailing winds N.E. and E. Fine days 10, snow on 12 days, and Rain on 9 days; and the Depth of Rain 1.84 Inch. —

# Summary Notes on March 1867.

This month up to 22<sup>nd</sup> was continual frost, and snow, but afterwards mild with rain at times, and thunder on 27<sup>th</sup> & 30<sup>th</sup>.

Much sickness prevalent, and especially disorders in the chest and lungs, as induced by the cold East wind; and also Rheumatic pains were very prevailing from same cause.

Mortality great in many districts, among infants, and very aged persons

A similar March to that of 1833-1837. 1845. and 1865.



APRIL 1867.

Ma	Baro. meter	Wind.	Thermom <sup>r</sup> .		Weather, &c	Thermom <sup>r</sup> at 8 p.m.	notes.	Rain.
			Lowest. 9 am	Highest.				
Ma 1.	30.48	W <sub>1</sub> WSW <sub>2</sub> SW <sub>3</sub> SW <sub>1</sub>	27½	46	5½		Hoar frost early, very clear and bright, so continued all day, and much warmer close and cloudy Evening, and gentle wind. - 50	
Fr 2.	-23 -19	SW <sub>2</sub> W <sub>4</sub> W <sub>3</sub>	47	55	59		Close morn <sup>g</sup> , little rain then sun at times, and after 3 p.m. brighter, with brisk wind, and the Evening chiefly clear & windy. - 50	windy but warm. 02
Sa 3.	-30 -27	W <sub>2</sub> W <sub>1</sub> W <sub>1</sub>	40½	49	61		Bright and drying day, warm & pleasant, with a fresh breeze at times, Evening cloudy, and less wind. - Shower at 8. 52	02
Th 4.	29.99 -85	W <sub>3</sub> W <sub>3</sub> W <sub>6</sub> & 3.	48	54	57		Shower at 6½ am, and squally with light showers till 1 p.m., then fine, but blowing hard till 4, afterwards less. - 48	New moon 10.4 p.m. 03 03
Fr 5.	30.13 29.99	SW <sub>1</sub> WSW <sub>3</sub> WSW <sub>3</sub> & 2.	39	43	56½		Cloudy more or less, and little sun at times, the Evening clearer after 7 p.m., but the night chiefly cloudy. 49	
Sa 6.	30.07 -09	W <sub>3</sub> W <sub>2.3</sub> W <sub>3.2</sub>	43	52	55		Cloudy more or less, but a mild air, wind rather gusty, and trifling rain at times. - Even <sup>g</sup> also cloudy. - 51	01
Su 7.	-09 29.88	W <sub>3</sub> W <sub>2</sub> SW <sub>2</sub> & 4.	48	53	57		Cloudy more or less, but a soft breeze, and little sun after 3 p.m. Even <sup>g</sup> hazy & mild. - More wind all night. 52	△ H ♀
421.99		29.3		40.3	Mean Temp 49° 71		Rain 0.11	
696 = nearly 4 above Average.								

APRIL 1867.

April.	Baro. meter	Wind.	Thermom. 9 am	Thermom. 8pm	Weather, &c.	notes	Rain.
M. 8.	29.65	SW <sub>4</sub>	42		Squally wind, clouds & sun but morn'g fine, blowing till 12, rainy afternoon till 4pm. Bright evening, and a heavy gale. Thunder in N. & heavy storm here at 7.	Thunder storm in N. at 6 1/2 pm. and here at 7pm	0.11
Tu. 9.	-61	NW <sub>4</sub>	43		Clear & blowing morning, and very windy all day with flying clouds, but at 6 1/2 pm a driving storm of rain, then finer.	Δ 1/2 Squally.	
W. 10.	-95	W <sub>2</sub>	38		Bright and drying day, light clouds, and slight haze at times; more haze after 3, & rain in the evening. Strong wind all night.		15
Th. 11.	-47	W <sub>7</sub>	43		Strong gale all the past night, and very boisterous all day, with flying rain at times; Even'g finer, and wind much abated.	moon 1 <sup>st</sup> Dr 3.9 pm.	04
F. 12.	30.23	W <sub>1</sub>	32		few clouds, and sun, fine and very little wind. Hazy and closer from 4pm. and some clouds in the evening.		
S. 13.	-04	SW <sub>2</sub>	41		Rainy morn'g and more or less till noon, then fine a short time; but a heavy storm at 4pm. Fine evening but cloudy.	very wet.	39
Su. 14.	29.79	SW <sub>3</sub>	48		Close, cloudy, & rain at times, and very hard from 10 1/2 am, all the mid-day. From 4pm, fine, sunny, and stronger wind all evening.	very wet and land tiring. Thunder storms at 8 & 9 pm.	37
	417.19		287.37	45	Mean Temp 47° 25.		1.97
	661.5				1 1/4 above Average.		car. over



# APRIL 1867.

April.	Baro. meter	Wind.	Thermometer lowest 9 am	Thermometer highest at 8 pm.	Weather, &c.	notes.	Rain. 197
M. 15.	29.45 -71	WSW <sub>3</sub> W <sub>4</sub> W <sub>2</sub>	42 51 56		Bright, morn'g, and the day chiefly fine, with sun, and cloud. Even'g nearly clear, and still less wind. Fine night.	☐ ☉ ☿	
Tu. 16.	-80 -72	W <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub> W <sub>2</sub>	43 48 54		Cloudy, dark, and some fog at times, clearer after 3pm, & till 4, but dark low clouds, & little wet in the even'g. Fine night.		03
W. 17.	-86 30.02	NW <sub>3</sub> W <sub>2</sub> W <sub>1</sub> SE <sub>2</sub>	47 50 58		Grey clouds and sun, with a drying breeze. Chiefly bright from 3 to 6pm, then a cloudy evening, and fine night.	wind veered at 7 pm.	
Th. 18.	-05 29.95	SE <sub>1</sub> S <sub>2</sub> SE <sub>1</sub>	45 58 67		Soft & pleasant morning, bright and very warm day, light cumuli clouds more cloudy & hazy from 3pm, but a fine night.	Full moon. 11.6 pm. Lovely spring day.	
F. 19. Good Friday.	-71 -71	S <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub> & 2.	49 58 65		Cloudy till 9, then bright with flying clouds, and very warm. More electric after 6pm. Close and cloudy night.	a very pleasant day.	
S. 20.	-37 -32	S <sub>2</sub> S <sub>4</sub> S <sub>2</sub>	51 57 61		Cloudy & close, morn'g. Wind gusty from 9 to 12, gentle rain in the afternoon, & less wind, but a fine sunny Even'g.		20
Su. 21. Easter Day.	-20 54	SW <sub>6</sub> WSW <sub>6</sub> W <sub>6</sub> WSW <sub>4</sub> & 2.	40 44 49		Strong gales & rain at times, from 2am till 10am; fine afternoon, but blowing and cloudy. Flying shower at 4, less wind & finer Even'g.	* ☉ 4 I saw the Cuckoo at 3 pm.	38 05
41561		317411		Mean Temp 52°		Rain 2.63	
		728		= 6° above Average.		carried up	

# APRIL 1867.

April.	Baro. meter	Wind.	Thermom. lowest 9 am	Thermometer highest at 8 pm.	Weather, &c.	notes.	Rain. 2.63
M. 22.	29.81 -91	W <sub>2</sub> W <sub>2</sub> SW <sub>2</sub> & 1.	40 51 57		Clear, and bright morn'g, clouds & sun through the day, and very fine. The evening cloudy, and rain from 9pm.	Δ ☿ ☿ ☐ ☿ ☿ Cuckoo sings.	
Tu. 23.	-84 -88	SW <sub>2</sub> SW <sub>2</sub> SW <sub>2</sub>	48 59 64		Close and cloudy morn'g, but soon bright, and a fine sunny day, with cumuli clouds, and a very drying breeze. Close night.	Nightingale sings.	25
W. 24.	-81 -75	S <sub>2</sub> SW <sub>2</sub> SW <sub>3</sub> SW <sub>0</sub>	48 56 62		Sudden clouding & rain at 6 1/2 am, for 2 or 3 hours, afterwards bright & warm, with flying showers at times; evening close, calm, & dense, black clouds & cloudy night.		05 24
Th. 25.	-80 -98	W <sub>0</sub> NE <sub>2</sub> NE <sub>1</sub> NE <sub>1</sub>	48 52 52		Fog from 6 till 8 am, then cloudy & much colder, and so continued all day, and therm. fell to 45° about 2 pm. Even'g quite cloudy.	* ☉ H	
F. 26.	-98 -89	E <sub>1</sub> ESE <sub>2</sub> SE <sub>2</sub>	38 46 52		Grey clouds, & cool morn'g. clouds & sun in the day; but chiefly much cloud, & the evening the same. Night fine & fresh breeze.		45
S. 27.	-72 -67	SE <sub>2</sub> SE <sub>2</sub> S <sub>1</sub> S <sub>1</sub>	42 57 60		Bright & warm till about noon, with light mottled clouds, then gentle rain from 1 till 3pm. Evening fine & sunny.	moon last Dr 2.1 am.	20
Su. 28.	-78 -87	E <sub>1</sub> SE <sub>1</sub> NE <sub>1</sub>	36 55 61		Bright & warm with some light mixed electric clouds, and the wind veering about the Eastward points. Heavy Even'g, clouds upward from 8.	Nightingale very tuneful. Thrush also.	
41769		3004085		Mean Temp 50° 6.		Rain 3.37	
		708.5		= 4 1/2° above Average.		carried over	



# APRIL 1867.

April.	Baro meter	Wind.	Thermom. lowest	9 am	Highest	Thermom. at 8 pm.	notes	Rain
Mon. 29.	29.94 30.00	N <sub>1</sub> NW <sub>2</sub> NW <sub>1</sub>	41	48	52		Cloudy more or less, no sun till after 4 pm, then rather clearer, grey clouds & sun between in the Eveng. Fine night. 48	3.37
Tu. 30.	29.90 -80	SE <sub>2</sub> SE <sub>2</sub> SW <sub>1</sub>	39	53	59		Hazy & cloudy with gentle rain from 10 till near 2, then fine, with sun, & electric clouds. Thunder in N, 6 pm.	07
	119.64		80	111			Mean 2 days 47° 75.	Rain 3.44

## Barometer.

Highest on the 1<sup>st</sup> 30.48  
Lowest on 21<sup>st</sup> 29.20  
Range — 1.28  
Mean of Month 29.86

Gales on 7 Days!

## Thermometers.

Highest on the 18<sup>th</sup> 67°  
Lowest on 1<sup>st</sup> am 27.5  
Range — 39.5  
Mean daily Range 14.03  
Mean of Month 49.75.

3 $\frac{3}{4}$  above the Average. —

Prevailing winds West, & SW. — Fine days 15;  
Depth of Rain 3.44 Inches. —

# Summary Notes on April 1867.

This was on the whole a very peculiar April, remarkable for much cloud, and frequent gales of wind, chiefly from westward, and considerable rain-fall, with thunder also on several days. Very little bright or serene weather, yet a high mean of temperature, chiefly owing to the nights being mostly clouded, and radiation little, in consequence thereof. Vegetation proceeded fast, and was quite up to the mean of forwardness at the end of the month. Grass and young corn very verdant, and thrifty in appearance. — Public health much improved since the commencement of the month, but Rheumatism prevailed as the effect of the stormy and electric condition of the Atmosphere during all the month. —



# MAY 1867.

May	Baro. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	Notes	Rain.
W. 1.	29.77 30.07	W <sub>3</sub> W <sub>1</sub> NW <sub>1</sub>	41 53 58		Dark clouds, & little sun at times. More clouded in the afternoon, & some rain in light showers. Evening thick & gloomy also. — 47	10
Th. 2.	-14 -19	W <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	41 54 62		Bright, with light clouds, but some more dense in the afternoon; evening chiefly bright till near sunset. Very thick & hazy night. — 53	
F. 3.	-23 -24	SE <sub>1</sub> SW <sub>1</sub> SE <sub>1</sub>	46 58 68		Hazy morning & small electric clouds, slowly cleared off to a bright, and warm day and bright evening, with a thin grey haze. Fine night. — 57	□ H ♀ Fine Spring Day.
S. 4.	-25 -23	SE <sub>1</sub> S <sub>1</sub> SE <sub>2</sub>	48 62 69		Bright, and very warm, with a breeze after 12, but continued very bright, and parching: breeze all the night. — 57	new moon 7.40 am.
Su. 5.	-22 -13	SE <sub>2</sub> SE <sub>3</sub> SE <sub>2</sub>	48 61 66		Bright, with a brisk air from SE, and very warm. Continued very bright all the evening, and golden sunset. — 58	
M. 6.	-11 -10	SE <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	48 69 79		Bright, with gentle wind at times, and very hot sultry and close. Evening hazy and curdled from SW. Night again clearer. — 67	very hot. Thunder distant.
Tu. 7.	-08 -16	SE <sub>1</sub> S <sub>1</sub> W <sub>1</sub> NE <sub>2</sub>	54 72 82		Bright and extremely hot, with some electric clouds and distant Thunder in W, & NW, and blue haze at 4. Night fine and clear. — 63	Great heat. Thunder distant.
Mean 57° 87. Rain carried up 0.10						

810 = 4 $\frac{3}{4}$  above Average.

# MAY 1867.

May	Baro. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	Notes	Rain.
W. 8.	30.13 -03	E <sub>2</sub> E <sub>2</sub> SE <sub>1</sub> SE <sub>1</sub>	51 66 74		Very bright, and hot all day, with a fresh breeze, no clouds, but a few distant. Curri in SW & W. Even more hazy, but a fine and clearer night. — 66	very fine and hot, and all nature's verdant.
Th. 9.	-07 -03	S <sub>1</sub> SW <sub>1</sub> SW <sub>0</sub> S <sub>1</sub>	53 68 77		Very bright, and hot, very little wind, and but few small clouds. Evening hazy & thick from SW. — but clearer night. — 66	splendid weather.
F. 10.	-01 29.82	SSE <sub>1</sub> SSE <sub>1</sub> W <sub>2</sub> SE <sub>2</sub>	52 69 78		Very bright, and very hot, distant storm-clouds on the west horizon, with thunder from 2 to 4 pm; and sharp storm here at 9 pm. Rain heavy. — 66	moon 1st Dr. 10.4 pm. Heavy thun. for storm. 9.2 pm. Distant Thunder. — 35
S. 11.	-63 -73	SE <sub>2</sub> S <sub>2</sub> SW <sub>3</sub> SW <sub>1</sub>	55 64 71		Thunder storm from S, at 6 am, afterwards fine with hot sun and flying clouds; Bright evening, but some clouds after sunset. — 64	Thunder AM. — 10
Su. 12.	-71 -31	SE <sub>2</sub> E <sub>2</sub> NE <sub>3</sub>	50 60 60		Cloudy & electric, continued more or less cloudy, much colder & little wet from 4 pm, and very wet. Evening increasing to very heavy till dawn. — 46	80 H. excessive rain at night. — 152
M. 13.	-68 -83	NE <sub>2</sub> NE <sub>3</sub> NE <sub>2</sub>	42 47 51		Very heavy rain till 2 am; cloudy more or less, with very cool breezes all day. Night the same, but fine. — 44	water's flooded! —
Tu. 14.	-91 -98	E <sub>3</sub> E <sub>4</sub> E <sub>2</sub>	39 48 49		Much cloud, cold and rough wind, and but little sun. Evening rather clearer, and less wind. — 43	* 24 ♀
Mean 57° 28. Rain car. over 2.07						

802 = 4 $\frac{1}{4}$  above Average.



# MAY 1867.

May	Baro. meter	Wind.	Thermom. at 9 a.m.	Thermom. at 8 p.m.	notes.	Rain 2.07
W. 15.	30.00 -05	E 5. E 3. NE 2.	40 48 51		Flying clouds, with sun, and wind boisterous & cold for the season. Cloudy during and night, little rain at times.	* H & 44
Th. 16.	-13 -19	NE 3. ENE 2. NE 2.	41 47 51		Rain at times early in the morning, then finer, with some sun, but much cloud; clearer after 4 p.m., but a cold breeze. Clear night.	14 43
F. 17.	-22 -23	Var. o. W. 1. S. 1. SSE 2.	34 51 59		Clear, and partial frost early. Bright with cumuli clouds, and very little wind all day. Rather more in the evening, & thin grey haze. Clear night.	□ 8 & 48
S. 18.	-21 -14	SE 1. SE 2. SE 1.	39 57 65		Bright, with very few light clouds, and gentle wind, and a very clear and brilliant evening. Night also clear.	Full moon 1.52 p.m. 52
Su. 19.	-05 29.95	E 2. ESE 2. ESE 1. SE 1.	44 63 67		Very bright, with a fresh breeze and light curdled clouds, also cirri distant in SW & W. - Very bright evening, and fine serene night.	57
M. 20.	-81 -74	E 1. E 2. NE 2.	51 62 62		Hazy, electric clouds, & sun, setting morning, but from 8 con- low clouds, & cooler, with light misting at times. Cloudy night, & more wind.	55
Tu. 21.	-71 -92	NE 4. NE 3. NE 3.	48 49 49		Cloudy, blowing, and rainy morning; finer from 10 a.m. but cold and cloudy, with little sun only. Clear evening & cold night.	10 45
42035		2974045		Mean Temp 50.1. Rain 2.31.		
7015		3° below Average.		carried up		

# MAY 1867.

May	Baro. meter	Wind.	Thermom. at 9 a.m.	Thermom. at 8 p.m.	notes.	Rain 2.31
W. 22.	30.04 -13	N 2. N 2. N 2.	36 46 47		Showers of rain, hail, and sleet, with sun at times; and thick fall of snow at noon; evening finer, cold night.	8 H & 38 Hail & snow! with rain at times 12
Th. 23.	-05 -22	N 5. NNE 4. NE 1.	34 44 45		Snow & rain early, much rain continued till 8 a.m., and at times through the day. Fine evening, and nearly clear. Cold night.	40 15 Snow-rain - & very cold. 38
F. 24.	-23 -27	NE 1. NE 2. SE 1.	34 48 51		Cumuli clouds and sun, with a very cool air, but fine. Evening more serene, and settled than of late.	45
S. 25.	-23 -12	SE 2. SE 2. SE 2.	32 50 53		Slow frost early AM: and chiefly bright till after 10, afterwards more cloudy, and the same all evening and night.	Halo & Perchelia at 9 a.m. 47
Su. 26.	29.87 -80	SE 2. SE 1. SE 1.	46 50 59		Cloudy, & rain began at 8 a.m., chiefly rain till after 12, fine afternoon, and cleared slowly. From 4 p.m. bright but hazy.	moon last Dr 5.22 p.m. 30 57
M. 27.	-72 -78	S 1. SW 2. SW 3. & 2.	51 62 64		Rain at 2 & 3 a.m.; bright & warm after 5, and rocky clouds. Flying showers about noon. Fine and bright evening, & fine night.	□ 04 Thunder-in NW. 1/2 p.m. 27 12
Tu. 28.	-92 -99	SSW 2. S 2. S 3. & 2.	47 57 65		Much cloud & haze till after 2 p.m., afterwards chiefly bright, and a brisk breeze, but warm and fine electric evening.	62
42037		280384		Mean 47.42. Rain cal. over 3.67		
664		5 1/2° below Average.				



# MAY 1867.

May.	Baro- meter	Wind.	Thermom. lowest at 9 am	Thermom. at 8 pm.	notes.	Rain.
W. 29.	30.11 -0.4	SSW, S <sub>2</sub> SE <sub>1</sub> .	53 67	74	Bright and hot, with small electric clouds, more clouded & hazy at noon. Thunder NW at 4 pm. Dappled sky in the evening. Fine night. —	* 2 ♀ * 1 ♀
Th. 30.	-07 -13	SE <sub>2</sub> SW <sub>1</sub> SW <sub>0</sub> W <sub>2</sub> .	53 71	78	Bright and very hot, very few light clouds, and scarcely any wind, but more in the evening, & hazy; yet very sultry. Rain from 8 to 9 pm: then fine.	□ 4 ♀
F. 31.	-19 -22	W <sub>1</sub> SW <sub>1</sub> SW <sub>0</sub> .	59 69	76	Bright, and very hot, with small cumuli clouds, and very little wind. Calm and hazy evening. Very lovely summer night. —	♂ ♀ ☉
180.76			165.228	Mean 3 days 65° 5'. — Rain 3.79.		

## Barometer.

Highest on 4<sup>th</sup> — 30.25

Lowest on 12<sup>th</sup> — 29.51

Range — 0.74

Mean of Month 30.02

Approaching to a Gale — on 2 days  
15<sup>th</sup> and 23<sup>rd</sup>.

Prevailing currents SE, E, and NE. — Fine Days 20;

Depth of Rain 3.79 — Inches.

## Thermometer.

Highest on 7<sup>th</sup> — 82°!

Lowest on 25<sup>th</sup> am — 32° —

Range — 50° —

Mean daily Range 17° 66.

Mean of Month — 54° 36.

Nearly 1½° above Averages.

# Summary Notes, May 1867.

This month was remarkable for the extreme changes of its temperature. Between the 2<sup>nd</sup> and 11<sup>th</sup> the heat was like Midsummer; then from the 12<sup>th</sup> to 16<sup>th</sup> and again from 21<sup>st</sup> to 25<sup>th</sup>, it was really true March weather, and highly detrimental to health and vegetation. — After which another great change to real Summer heat ended the month! Such changes often do mark the course of our Spring season, but seldom has it been noted in so great and sudden alternations as in this case of May 1867. — The wintry aspect of falling snow among the full-leaved trees and gardens, was a strange and striking scene on 22<sup>nd</sup> & 23<sup>rd</sup>, which with a few nipping hoar-frosts partially injured some of the more tender plants &c. Yet on the whole, the injury was but trifling to what had been expected under such extremes. — Public health suffered, and those liable to Chest diseases, and to Rheumatism, were the most affected. — Notwithstanding the interval of cold, it was on the whole rather an early Spring, and the temperature from April 2<sup>nd</sup> to May 11<sup>th</sup> was high, as well as the close of May.



# — JUNE + 1867. —

June.	Baro.	Wind.	Thermom. at 9 am.	Thermometer at 8 pm.	Notes.	Rain.
S. 1.	30.26	SW <sub>1</sub> SW <sub>2</sub> S <sub>2</sub> SW <sub>3</sub>	52 70 76		Bright & lovely summer morn'g; very hot and brilliant day, with a few light clouds. Calm & sultry evening. —	69
Su. 2.	-21 -07	SW <sub>1</sub> SW <sub>2</sub> SE <sub>1</sub>	57 71 78		Very bright, and very hot, very little or no wind, and few small clouds only. More electric in the Evng. but a fine night. —	New Moon. 3.12 pm. 66
M. 3.	29.85 -85	Var. 0. E <sub>2</sub> Var. 0. WNW <sub>2</sub>	53½ 58 65		Cloudy, rain at 6 & till 9 am then blue fog & sultry air. close & calm till 4 pm, after- wards a breeze from W. & W. and gentle rain in the evening. — 8 to 9 pm. —	□ ½ δ '08 '04
Tu. 4.	30.00 -07	WSW <sub>3</sub> W <sub>3</sub> W <sub>2</sub> W <sub>1</sub>	52 62 65		Bright, with flying clouds, followed by Thunder-showers passing near at 12 & 1 pm. Afterwards fine & sunny and the night fine. —	Thunder NW & N at 12 noon & 1 pm. '07 59
W. 5.	-04 29.90	SW <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub>	49 55 62		Bright, but soon cloudy and lowering with rain at times from 8 am. Finer after 4 pm. and a close evening. —	Squally. '14 '03 61
Th. 6.	-89 -83	SW <sub>2</sub> SW <sub>2</sub> SW <sub>2</sub>	54 59 63		Close, with clouds & sun, and brisk wind, but fine, get. a rainy looking sky. Evening & night fine, and clearer. —	60
F. 7.	-81 -86	SSW <sub>2</sub> SW <sub>3</sub> W <sub>2</sub> W <sub>2</sub>	51 62 66		Bright till 6 am, then clouds rocky with flying showers & distant Thunder. Evening cloudy and cooler, but a fine night. —	Distant Thunder P. M. '20 58
419.88		368.8475		Mean Temp 60° 25. ) Rain 0.56		
		843.5		2¼° Above Average. — carried up.		

# — JUNE + 1867. —

June.	Baro.	Wind.	Thermom. at 9 am.	Thermometer at 8 pm.	Notes.	Rain.
S. 8.	30.15 -15	W <sub>1</sub> W <sub>2</sub> WSW <sub>1</sub> & 2.	47 56 63		Bright with cumuli clouds, and gentle wind. Evening close & little rain at 8 pm. Distant Thun- der. — 10 to 11 pm. —	0.56 8 ½ ♀ 60 Thunder 10 pm. '03
Su. 9. Whitsun.	-18 -33	W <sub>3</sub> WNW <sub>3</sub> W <sub>2</sub> W <sub>1</sub>	53 62 66		Bright and breezy morn'g, with cumuli clouds, very fine, sunny & pleasant day. Lovely evening, and very bright. — Fine night. —	moon. 1st Dr 6.37 a.m. 63
M. 10.	-36 -40	WSW <sub>1</sub> SW <sub>2</sub> W <sub>1</sub> & 0.	52 68 75½		Very bright, and very hot, with gentle wind. and the evening calm, and very brilliant. Some clouds in the night. —	(very fine & hot. 68
Tu. 11.	-46 -39	SE <sub>1</sub> SE <sub>2</sub> SE <sub>2</sub>	53 71 75		Bright, and very hot, with a sultry breeze, but more wind from 11 am, and a mottled sky at evening. —	(very fine and hot similar to previous. 64
W. 12.	-22 -20	SE <sub>2</sub> SW <sub>1</sub> W <sub>2</sub>	58 75 80		Very bright, and very hot, some clouds at noon, & wind veering to W. Thunder in E. at 3 afterwards hazy, and cooler, but a close night. —	10½ am 79° at noon 86° Thunder in E. at 3 pm. 65
Th. 13.	-20 -12	W <sub>1</sub> WSW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	55 62 63		Little rain 5 am; then fine with clouds and sun, but chiefly cloudy, and much cooler. — Fine evening and night & also clearer. —	Δ 4 ♀ '03 58
F. 14.	-01 29.93	W <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	48 59 62		Bright morn'g, but from 9 am cloudy with little sun. A squally shower at 4 pm, & at 6, then bright till sunset. —	□ ♂ ♀ ♂ ½ ♀ Distant Thunder. '05 55
423.10		366.4845		Mean Temp 60° 75. ) Rain carried over. 67		
		850.5		2¼° above Average.		



# JUNE \* 1867.

June.	Baro. meter	Wind.	Thermom. Lowest. 9 Highest.	Thermometer at 8 pm.	notes.	Rain. 0.67
S. 15.	30.02 -11	W <sub>2</sub> NW <sub>3</sub> NW <sub>2</sub> NW <sub>1</sub>	46 55 57		Some clouds & little light rain at times, with cool wind. Short heavy showers in the afternoon. Fine evening, but cloudy and very cool. 50	10
Su. 16.	-17 -22	WNW <sub>2</sub> NW <sub>2</sub> N <sub>3</sub> N <sub>2</sub>	48 56 58		Cloudy morn'g, little rain at times, finer with little sun. P.M., but a very cool wind. Even'g chiefly bright after 6 pm. — 52	03
M. 17.	-22 -26	NW <sub>1</sub> NW <sub>1</sub> W <sub>2</sub>	47 53 58		Cloudy more or less, nearly all day alike, but clearer after 4 pm, and evening chiefly bright, and a calm atmosphere. — 54	Full moon - 4.54 a.m.
Tu. 18.	-22 -19	W <sub>2</sub> NW <sub>1</sub> W <sub>0</sub> Var. e.	50 61 65		Blue electric haze till 9 am, and partially so all day, with dusky clouds, but some sun at times between 9, and 3. Short shower at 5, and close evening, with more haze. — 61	01
W. 19.	-20 -15	E <sub>0</sub> NE <sub>2</sub> NE <sub>2</sub> S 1.	55 59 63		Close & cloudy more or less, with little sun. More lowering after 3 pm, rain a few minutes. Even'g cloudy, but a fine night. — 58	01
Th. 20.	-16 -18	NE <sub>1</sub> NE <sub>1</sub> NE <sub>1</sub>	52 58 60		Cloudy more or less all day, and no bright sun, but fine, and pleasant. Even'g & night similar. — 56	Δh. 8
F. 21.	-22 -28	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	51 59 64		Clouds & sun, very fine, and pleasant day; brighter after 1 pm, and the evening clear, and cool. — 54	* 0.8
42260			349 425		Mean 55° 28. ) Rain cal- up - 0.82	
774					2 1/4 below Average.	

# JUNE \* 1867.

June.	Baro. meter	Wind.	Thermom. Lowest. 9 Highest.	Thermometer at 8 pm.	notes.	Rain. 0.82
S. 22.	30.29 -25	NE <sub>1</sub> NE <sub>1</sub> ENE <sub>1</sub>	48 61 67		Grey clouds till after 8, then bright all day, with a few small electric clouds. Very bright. Evening & fine night. 59	
Su. 23.	-19 -12	WNW <sub>2</sub> NW <sub>2</sub> N <sub>1</sub> N <sub>1</sub>	50 59 62		Light clouds & sun, but soon became more cloudy, but very fine, and a grey electric haze after 3 pm. Cloudy Evening. — 59	
M. 24.	-10 -12	NW <sub>1</sub> NW <sub>2</sub> NE <sub>2</sub> NE <sub>1</sub>	54 64 69		Bright, with knotty electric clouds, warm and very pleasant. Sheets of cirri rising S, from 4 pm, & hazy evening. — 61	□ 4 ♀
Tu. 25.	-30 -46	NE <sub>2</sub> N <sub>3</sub> N <sub>2</sub>	51 61 65		Grey clouds and sun, but the mid-day bright and warm. Very brisk wind, all day. Even'g chiefly clear. — 54	moon, last Dr 5.28 a.m.
W. 26.	-61 -64	NE <sub>2</sub> NE <sub>2</sub> N <sub>2</sub>	50 58 66		Cloudy morn'g but clearer after 9, bright day, hot sun, and cool breeze. Sun set in full twilight, and clear night. — 58	
Th. 27.	-67 -65	NE <sub>2</sub> NE <sub>1</sub> NE <sub>0</sub>	47 64 73		Bright without a cloud, and hot, with less wind. Even'g lovely, bright & calm, but cloudy after 9 pm. — 65	
F. 28.	-62 -66	NE <sub>3</sub> NE <sub>3</sub> N <sub>2</sub>	52 61 63		Cloudy, with sun, and very brisk wind, much cooler again; less wind in the evening. — 54	
42568			352 465		Mean Temp 58° 35. ) Rain cal- over 0.82	
817					About Average state.	



# JUNE \* 1867.

June.	Baro. met.	Wind.	Thermom. Lowest	9 am	Highest	Thermom. at 8 p.m.	notes.	Rain
							Weather, &c.	
S. 29.	30.55	W <sub>1</sub> .	43				Clear & heavy dew. Very bright and heat increasing fast from 7 am: very hot & bright day. Evening closer, & some clouds rising in West.	0.82
	-40	W <sub>1</sub> .		64				
		S E <sub>1</sub> .			75			
Su. 30.	-22	W <sub>2</sub> .	51				Bright and very hot, with some light clouds, at times, very bright. Evening, sun set in light haze, and the night close & hazy.	0.04
	-09	W <sub>2</sub> .		68				
		W <sub>1</sub> .			73			
12126			94	148			Mean 2 days 60° 5.	Rain Total - 0.82

## Barometer.

Highest on 27<sup>th</sup> — 30.67

Lowest on 7<sup>th</sup> — 29.81

Range — 0.86

Mean of Month 30.20.

No gales in this month.

## Thermometer.

Highest on the 12<sup>th</sup> — 80°

Lowest on 29<sup>th</sup> am 43° —

Range — 37°

Mean daily Range 15° 6

Mean of Month — 58° 78.

About  $\frac{3}{4}$ ° above Average.

Prevailing winds NE, W, and SW. —

Fine Days 22. — Depth of Rain 0.82 only!

# Summary Notes, June 1867.

This was a very dry month, especially the latter half, and yet but little hot weather, as there was such a prevalence of Northerly winds with much cloud at times. — Still it was on the whole favourable for vegetation, and the fields and gardens bore evidence of it. — A fine crop of grass, and a splendid time to secure it well at the close of the month, which was generally made use of, over all the country. — Public health good with few exceptions. Rheumatic affections were at times trying from the variety of the temperature — fluctuating as the Thermometer was all the month, and the alternations sudden and frequent.



# JULY \* 1867.

July.	Baro. meter.	Wind.	Thermom. Lowest	9 am	Thermom. Highest	Weather, &c.	at 8 pm.	Notes.	Rain.
M. 1.	30.03 -01	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	54 69 73			Hazy morn'g, & electric clouds above the haze, became very hot & bright after 8, & till noon. Dark electric clouds in the evens, and close night.		new moon 9.48 pm.	
Tu. 2.	29.87 -85	E <sub>1</sub> SE <sub>2</sub> SW <sub>2</sub> W <sub>1</sub>	59 62 69			Gentle rain at times from 2 am till after 8 am; then fine & close. Thunder S E. 3 pm. & in other points afterwards. Evens, also showing, & thunder near us.		Thunder showers	20 72
W. 3.	30.10 -17	NW <sub>2</sub> W <sub>1</sub> SSE <sub>2</sub> S <sub>2</sub>	54 58 63			Cloudy morn'g; and more or less so all day, but at times bright after 3 pm & wind then veered to S E. - Evens cloudy, and thunder at a distance.			
Th. 4.	-05 -04	S <sub>2</sub> S <sub>2</sub> SSW <sub>1</sub>	57 62 68			Close morn'g, lowering and rainy from 8 till 10, afterwards fine, but very little sun. Evens chiefly bright and very sultry.			08
F. 5.	-11 -20	W <sub>2</sub> W <sub>3</sub> WNW <sub>4</sub>	59 65 69			Bright, with light clouds, hot in the forenoon, but cooler 1 pm, more wind & cloud. Evens bright, & very fine night.		848	
S. 6.	-25 -27	WNW <sub>3</sub> W <sub>3</sub> W <sub>2</sub> & 1.	48 61 67			Bright with a brisk wind, pleasant & very fine day, with moderate heat. Less wind in the evens, & beds of air in west.			
Su. 7.	-34 -44	E <sub>2</sub> NE <sub>2</sub> NW <sub>1</sub> NW <sub>1</sub>	45 59 63			Bright, with grey clouds, and cool breeze. Very fine evens and night, and rather more clouded, with less wind.		* H 8	
421.72			376.472	Mean 60°.57. - ) Rain cald up 0.40					
			848	= Nearly 3° below Average. -					

# JULY \* 1867.

July	Baro. meter	Wind.	Thermom. Lowest	9 am	Thermom. Highest	at 8 pm.	Notes.	Rain.
M. 8.	30.42 -42	NW <sub>1</sub> N <sub>2</sub> N <sub>1</sub>	49 61 64				grey clouds and sun, very fine, but a cool breeze to subdue the temperature. - very bright Evens, and a cool air. -	moon 1st Dr 5.31pm. 58
Tu. 9.	-40 -42	NW <sub>1</sub> NE <sub>1</sub> E <sub>1</sub> ESE <sub>1</sub>	40 61 69				Clear & very cool early AM, very bright day, and hot sun, but still a cooling air in the shade. Brilliant Evens, and very clear night. -	61
W. 10.	-39 -35	E <sub>2</sub> E <sub>1</sub> E <sub>1</sub>	44 63 72				Clear, very bright all day, very little wind, and heat increasing much. - Evens also brilliant, and the night clear. -	Δ 0 H very dry. 62
Th. 11.	-33 -24	ESE <sub>1</sub> ESE <sub>1</sub> E <sub>2</sub>	46 65 73				Very bright and hot, with a light breeze at times. some clouds rising SW, at Evens, rather hazy sky. -	hot and farching. 62
F. 12.	-13 -01	ESE <sub>2</sub> SE <sub>2</sub> SE <sub>1</sub>	50 67 73				Bright and hot, with undled electric clouds: and the Evens serene with mottled cirrostrati. Hazy and close night, but very fine. -	(dry & hot. 64
S. 13.	29.93 -89	E <sub>1</sub> SE <sub>1</sub> SW <sub>1</sub> S <sub>0</sub>	57 67 75				Sultry & hazy, became very hot and bright at 10 & till noon, afterwards much Thunder in SW & W, & some rain at 2 pm. Finer night, but hazy. -	much Thunder PM. 20
Su. 14.	-87 -92	S <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub> W <sub>1</sub>	55 63 70				Low clouds, close, and few rain drops at times: heavy Shower at 11 am, then bright & hot, but many Thunder showers at a distance. Bright Evens. -	Thunder distant. 72
422.72		341.496		Mean 59° 78. -		Rain cald over 0.72		
		837		= 3 1/4 below Average. -				



JULY \* 1867.

July	Baro. meter	Wind.	Thermom. Lowest	9 Highest	Thermom. at 8pm.	Weather, &c	Notes.	Rain. 0.72
M. 15.	29.90 -67	SE <sup>2</sup> SE <sup>3</sup> SSE <sup>4</sup>	51 62 63			Hazy & lowering, followed by drizzly rain from 9 am at times, most of the day, but finer after 3 pm, and bright & windy evenings. — 60.		25
Tu. 16.	-58 -65	SW <sup>4</sup> SW <sup>4</sup> SSW <sup>2</sup>	56 63½ 68			Flying clouds, and warm gusts of wind, with sun at times, but clouded and showery after 3 pm. Evenings, finer, but thunder storm 7 pm. — 60.	Full moon 7.56 pm. Thunder storm 9 pm.	11 17
W. 17.	-70 -83	WSW <sup>4</sup> WSW <sup>3</sup> W <sup>3</sup> W <sup>2</sup>	54 59 69			Windy with flying clouds, and sun between, the afternoon chiefly bright, but a heavy shower at 6¼ pm. Fine night. — 60.		16
Th. 18.	-76 -66	SW <sup>1</sup> SW <sup>4</sup> WSW <sup>2</sup>	56 63 67			Rain from 6½ am, till 8 am, then bright, with rocky clouds, and gusty wind. Some distant showers in A.M. at 7 & 8 pm. — 63.	Δ 4♀	11
F. 19.	-65 -83	W <sup>3</sup> W <sup>3</sup> W <sup>1</sup>	53 60 64			Squally wind, some sun, but flying showers passing round, and continual showers here all the afternoon. Finer Evening. — 55.		39
S. 20.	-93 -96	W <sup>0</sup> WSW <sup>2</sup> SW <sup>½</sup>	51 55 67			Some rain early a.m.; morning cloudy till 10, afterwards bright with cumuli clouds. Close Evening, showers in the night. — 63.		13 10
Su. 21.	-81 -82	SW <sup>2</sup> SW <sup>3</sup> SW <sup>2</sup>	59 67 73			Sultry & cloudy morning, bright after 7, and hot with brisk wind, and light clouds. Sultry evening & more clouds. — 67.	* H ♂ ♂ H ♀	
416.75		380.471		Mean 60° 78.		Rain calcd. over 2.14		
851 = Nearly 3° below Average.								

JULY \* 1867.

July.	Barometer	Wind.	Thermom <sup>ts</sup> at 9 <sup>h</sup> & 12 <sup>h</sup>	Thermom <sup>ts</sup> at 8 p.m.	Weather, &c.	Notes.	Rain.
M. 22.	29.85 -85	SW <sub>1</sub> SSW <sub>2</sub> SW <sub>3</sub>	56 64 73		Bright sun-rise, then cloudy till near 11, afterwards hot & sunny, with rocky clouds. Mottled evening sky, & cloudy night. —		2.14
Tu. 23.	-82 -78	SW <sub>1</sub> SW <sub>3</sub> SW <sub>2</sub>	56½ 68 72		Bright, and hot, with flying clouds, & a fresh breeze: but more clouds & wind soon after 12 & till 2 p.m. Fine night. —		65
W. 24.	-82 -88	SW <sub>2</sub> SW <sub>2</sub> SW½	53 64 70		Bright, with electric clouds, warm breezes, a very pleasant day. Calm evening, and fleecy clouds. Fine night. —	moon last Dr. 2.32 p.m.	64
Th. 25.	-94 -97	W <sub>1</sub> WSW <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	51 67 72½		Bright, and hot, with small cumuli, more clouded after 4 p.m., dark, & electric clouds all the evening. —		65
F. 26.	-82 -76	NE <sub>2</sub> NE <sub>2</sub> N <sub>3</sub>	56 59 60		Heavy rain from 7 till near 10 a.m.: & again at 11, and at times afterwards, but a fine night & cloudy. —	very heavy rain fall.	56 2.12
S. 27.	30.01 -74	NW <sub>2</sub> NW <sub>3</sub> NW <sub>1</sub>	49 54 59		Cloudy more or less, & very cool, but a little sun after 3 p.m., and a clearer evening and more serene. —	ΔH ♀	55
Su. 28.	-21 -21	WNW <sub>1</sub> W <sub>2</sub> NW <sub>2</sub> Var. o.	48 58 65		Fleecy clouds, soon bright, and again warmer, with rocky clouds. Showers P.M., & thunder at a distance. Night finer but hazy. —	Thunder P.M.	58 '04 '03
41906		36954713		Mean 60° 07. — ) Rain cal. over 4.33			
84.1		= nearly 3½° below Average. —					



# JULY \* 1867.

July.	Bar. inches	Wind.	Thermom. at 9 am	Thermom. at 8 pm.	notes.	Rain 4.33
M. 29	30.16	NW <sub>3</sub> . NW <sub>3</sub> . NW <sub>2</sub> .	50 56 59		Cloudy with sun, and a cool breeze. Nearly the same all day, but more sunny from 3pm, and all the Eveng. — 55	
Tu. 30	14	W <sub>2</sub> . W <sub>1</sub> . Var. $\frac{1}{2}$ .	48 58 61		Clouds and sun, chiefly much cloud, but very little wind, after 12. Even clearer after 6pm, but a cloudy bright in part. — 56	
W. 31	15	Var. W $\frac{1}{2}$ . NE <sub>1</sub> . NE <sub>1</sub> .	51 60 67		Hazy & mottled sky, became bright & warm from 10 till 12, then more clouded again, but clearer evening, and fine night. — 57	
18089			149	187	Mean these 3 days 56° —	Rain 4.33

## Barometer.

Highest on 7<sup>th</sup> — 30.44

Lowest on 16<sup>th</sup> — 29.58

Range — 0.86

Mean of Month 30.01

No gales this month.

## Thermometer.

Highest on 13<sup>th</sup> — 75°

Lowest on 9<sup>th</sup> am — 40°

Range — 35°

Mean daily range 15° 2.

Mean of Month 59° 88

More than 3° below the Average.

Prevailing winds SW, and West.

Fine days 19; Depth of rain 4.33 inches, nearly half of which fell on the 26<sup>th</sup> day!

# Summary Notes, July 1867.

This month was remarkable for its low temperatures, and frequent intervals of Northerly winds, and although a large amount of Rain fell, half of it fell on 26<sup>th</sup> day, and the main state of the weather was fine.

It is singular that while at Thwaites on 26<sup>th</sup> the rain fell was 2.12, at other places it was much varied. At Ipswich only 1.07.

But at Greenwich 3.67! At Edinburgh 3.70! Glasgow 2.09. Newcastle on Tyne 1.08. But at other sites, only a trifling rain, as at Bristol 0.44. Birmingham 0.26.

Manchester 0.45. Salford 0.33. — Leeds 0.17! Dublin 0.19! — Hence we see that far North, East & South, it was greatest; and in the NW, and Midlands, very much less. — The month was not unhealthy, and the crops looked well, and put on a ripening tinge at the close of the month.



# August \* 1867.

In Aug.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Notes.	Rain.
Th. 1.	30.15	NE 1.48 N 2.54 NE 2.57			Cloudy more or less, and a very cool breeze. — More wind in the evening and more cloudy. The night fine but cloudy. 54	* 89
F. 2.	-12	NE 2.50 N 1.55 N 1.59			Clouds & little sun, but mostly very cloudy, and cool as before. Evening the same. Night clear. 55	
S. 3.	-15	W 2.42 NW 1.60 Var. 0.66			Bright, with cumuli clouds, and electric haze more clouds at times after 12, but a bright calm evening. 60	
Su. 4.	-21	E 1.48 Var. 1.62 SE 1.68 SE 2.61			Bright, with light haze, and small clouds, close and electric after 3 pm. Evening bright and little more wind. 61	
M. 5.	-14	SE 1.54 SW 1.66 SW 2.72			Electric haze, but became bright at 9, hot, and chiefly sun, with cumuli clouds. very close and hazy evening followed by rain. 65	very electric clouds 3 pm.
Tu. 6.	29.97	S 2.57 SW 2.59 SW 1.60			Rain early, and till 10 am, and again more or less from 12 till 5. Fine evening, with blue haze. Clear and cooler night. 57	87
W. 7.	-89	SW 2.48 SW 1.62 SSW 1.65			Bright, morn'g & rocky clouds, but warm & pleasant all day. Close and hazy evening and night, but very fine. 60	moon 1st Dr 7.9 am.
421.16			347.44		Mean 56.71. ) Rain cal. up - 0.87	
			794		5 1/2 below Average. —	

# August \* 1867.

In Aug.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Notes.	Rain.
Th. 8.	29.83	SW 2.57 SW 2.66 SW 2.71			Bright & hot, with clouds flying, and a fresh breeze at times. Close evening, dappled and electric sky. — 65	very fine & pleasant.
F. 9.	-93	SW 2.57 SW 2.67 WSW 1.71			Bright and hot, with fresh breezes, and cumuli clouds; very bright evening, and very warm. Clear and calm night. — 66	a very fine summer's day.
S. 10.	-19	W 1.52 W 1.67 SE 1.75			Bright and hot, few small light clouds, and very little wind. Brilliant & very hot evening. Splendid night. 67	☐ ☉ h, very fine and hot.
Su. 11.	-29	SE 0.53 SE 1.71 SW 1.76			Very bright & very hot, with electric cumuli, and but very little wind. The evening very sultry, sun set red in a line of haze. — 68	898 a very hot & lovely day.
M. 12.	-30	SE 1.57 SE 2.73 SE 1.79			Very bright and extremely hot, scarcely any cloud, but a fresh breeze at times. — splendid evening, & clear golden sunset. — 69	very hot, & sultry.
Tu. 13.	-25	SE 1.60 SE 2.78 SE 2.83			Very bright and excessively hot, no cloud all day, but at times a fresh breeze. — sun set in full glory, and a very hot night. — 71	10 am 80° noon 82° 2 pm 83° 5 pm 78° 6 pm 76°
W. 14.	-17	SE 1.63 SE 1.80 SE 1.88			Quite clear, very bright, and most excessively hot, with a gentle wind. — evening very sultry, and oppressive. — Night the same. — 77	10 am 83 1/2° 11 am 87° noon 88° 5 pm 84° 6 pm 82°
422.04			399.54		Mean Temp 67.428. ) Rain cal. over 0.87	
			944		nearly 5 1/2 above Average. —	



# August \* 1867.

Aug <sup>r</sup>	Baro. meter	Wind.	Thermom <sup>r</sup> at 9 am	Thermometer at 8 pm.	Weather, &c.	notes	Rain 0.87
Th. 15.	29.93	SW <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	67½ 75 75		Distant Thunder & lightning at 1 am - in west; very sultry morning, cooler & much haze after 12, and rain in the evening, a short time.	Full moon 10.37 am. Thunder early a.m.	03
F. 16.	-78	S <sub>1</sub> SW <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	58 61 69		Cloudy, little rain at times from 7 am, till after 9, then fine, bright, and pleasant, with cumuli clouds.		22
S. 17.	30.02	SW <sub>2</sub> SW <sub>2</sub> SW <sub>3</sub>	54 63 70		Cloudy, little rain 7 am, became fine & warm, with light clouds and sun; and brisk wind. Sultry evening & hazy. Close night & fine.		02
Su. 18.	-73	SW <sub>1</sub> SW <sub>1</sub> W <sub>10</sub> SE	62 65 76		Very close with low misting clouds till 9 am, then bright and hot & more so all the P.M. - W. to SE 7 pm, but a close calm even after.	Lovely day.	
M. 19.	-25	SE <sub>1</sub> SSE <sub>1</sub> SSE <sub>½</sub>	62 72 79		Bright and very hot, some light clouds, & then haze. Sultry evening, sun set in streaks of haze. - very electric all night.	Splendid weather. Distant lightning.	
Tu. 20.	-04	S <sub>0</sub> SW <sub>2</sub> SW <sub>2</sub>	64 70 73		Little rain early, & much thunder & lightning west, till after 7. Then fine and close. The afternoon bright and hot, but more wind, and a fine breezy night.	Thunder early am. very fine p.m.	10
W. 21.	-11	SW <sub>2</sub> WSW <sub>1</sub> SW <sub>1</sub> & o.	56 69 73		Bright and hot, with cumuli clouds, more clouds after 12, and a very close evening, and night.	□ 2 ♀ very fine.	

420.65 423.5515 Mean 67° - Rain can up 1.24

938.5 = 5° above Average.

# August \* 1867.

Aug <sup>r</sup>	Baro. meter	Wind.	Thermom <sup>r</sup> at 9 am	Thermometer at 8 pm.	Weather, &c.	notes	Rain 1.24
Th. 22.	30.17	W <sub>½</sub> Var. o. SE <sub>1</sub>	55 67 72		Fog below, bright above, & very fine and hot. The afternoon very bright & no wind, and very fine evening, with some small electric clouds.	moon last Dr 9.22 pm.	
F. 23.	-18	SE <sub>0</sub> SE <sub>½</sub> SE <sub>½</sub>	51 69 77		Bright with early fog & below from 8 am, very hot & clear, and scarcely any wind. Very brilliant evening, and sultry stillness.	very hot & bright.	
S. 24.	-22	SE <sub>½</sub> S <sub>½</sub> SW <sub>1</sub> & o.	53 72 79		Very bright, and extremely hot, but a little more wind after 12. Some haze in the evening, & sun set very red in it. Sultry & calm night.	magnificent weather for Harvest.	
Su. 25.	-20	SW <sub>1</sub> S <sub>1</sub> SSE <sub>1</sub>	55 62 77		Fog early, and heavy till 9 am, then bright, and very hot, with little or no wind. Brilliant evening, thin haze, & snottled line of light clouds in N.	scorching weather.	
M. 26.	-13	SSW <sub>1</sub> SW <sub>1</sub> W <sub>1</sub> Var. o.	61 64 66		Hazy & close, with grey clouds and very little sun. More cloudy after 3 pm, and little rain at eve, from 6 till 10 - at times.	804	
Tu. 27.	-13	W <sub>1</sub> W <sub>2</sub> W <sub>0</sub>	56 61 68		Bright with clouds at times, and cooler air, but after 3 pm, more calm & warm and a serene evening, and night.	very pleasant.	
W. 28.	-27	WSW <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub>	47 60 68		Bright with mixed clouds, and fresh breezes at times. Cloudy & close evening. Fine & sultry night.	□ 3 ♀	

422.66 378.507 Mean Temp 63° 214 Rain & over 1.35

885 = 1¼° above Average.



# August \* 1867.

Aug.	Baro. inches	Wind.	Thermom. at 9 am	Thermom. at 8 pm	Notes	Rain.
Th. 29.	30.32	SW <sub>1</sub>	60		Hazy & electric clouds early, new moon hot & close day, & bright at times, shower showed 1 1/2 pm. and a little rain at 8 pm. night foggy & sultry.	1.5 pm. 02 03
F. 30.	29.25	SW <sub>2</sub>	58	68	Fog early, bright & hot from 8 am; very fine and pleasant day, some cumuli, and blue haze. Calm & close. Even. 7.	67 66
S. 31.	29.12	SE <sub>1</sub>	60	74	Clouded sky & sultry morn'g. very bright day, and ex- tremely hot. Splendid eve- ning, and calm sultry night.	68 68
	29.07	SE <sub>2</sub>		78		
	181.22		178.22	22	Mean 3 Days 66.6. -	Rain - 1.40

## Barometer.

Highest on 29<sup>th</sup> = 30.32

Lowest on 16<sup>th</sup> = 29.78

Range = 0.54

Mean of month 30.12

No fairs all the month.

## Thermometer.

Highest on 14<sup>th</sup> = 88°

Lowest on 3<sup>rd</sup> am = 42°

Range = 46°

Mean daily range 16.4

Mean of month 63.95

Nearly 2° above Averages.

Prevailing winds the S.W. and S.E.:

Number of fine days 25. Depth of rain 1.40 only.

# Summary Notes, August 1867.

This was a remarkably fine, and very hot Month, on the whole throughout, and Har- vest proceeded most speedily, a fair crop, and secured in the finest condition. - A truly magnificent August, long to be remembered. - Some severe thunder-storms on the night of the 14<sup>th</sup> and 19<sup>th</sup> in many places, preceded by intense heat, and fol- lowed also by more very hot weather. Several deaths from "Sun-stroke" on the 14<sup>th</sup>, and the usual disorders of the viscera peculiar to the season, prevailed in some places, but to no great extent; - and the Public health generally was at a medium for the Kingdom.



# September \* 1867.

Sept.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 3 pm	Notes	Rain.
Su. 1.	30.02	E $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{2}$	60 73 80		Fog early, very bright and extremely hot after 8, and curdled electric clouds; more electric at 2 pm, after wards continued bright.	8 4 9 oppressive heat.
M. 2.	-21	Var. E E E	57 67 76		Bright and very hot, but more hazy after 1 pm, and a cooler breeze followed. Cloudy evening and night, but sultry still.	64
Tu. 3.	-26	E SE S E	62 69 71		Cloudy & hot breeze, very sultry, with little sun. Thunder in SW. at noon, and heavy rain from 12 till 3, afterwards fine. Lightning SE & E. 8 pm.	great rain & Thunder 1.25
W. 4.	-03	SE S SW SW	62 66 67		Thick fog till after 8, then cloudy and sultry, little rain at noon: fine afternoon, and a bright evening. Fine and warm night.	8 4 8 09
Th. 5.	30.00	S SW SW	59 64 68		Close and lowering with little showers till noon, but a very fine and bright afternoon, and serene & pleasant evening & night.	moon. 1st Dr. 11.31 pm. * O H
F. 6.	29.99	S SW SW	53 66 68		Bright morn'g, and fine till about noon, afterwards very showery till 3 pm. Evening fine, and a fine breezy night.	24
S. 7.	-94	SW SW SW	54 64 69		Bright with flying clouds, and wind gusty, but very warm. Less wind after 3 pm, and a bright evening.	very fine & pleasant.
42105			4075	499	Mean (64° 75.)	Rain cal. up. — 1.64

906.5 = 6  $\frac{3}{4}$  above Average.

# September \* 1867.

Sept.	Baro. meter	Wind.	Thermometer 9 am	Thermometer at 8 pm.	Notes	Rain
Su. 8.	30.20	SW S SSE	53 64 70		Bright & lovely morning, and the day very fine, sunny and hot, with light clouds. Dappled and hazy evening: rather electric.	very fine & pleasant. 64
M. 9.	-03	SE S SW	54 68 72		Bright and hot, with curdled electric clouds; a very lovely day, and exceedingly pleasant. Dark clouds after 6 pm, and rain at 8 & 9. Distant lights.	* H ♀ Beautiful weather 64
Tu. 10.	-89	SW WSW W W	57 63 67		Heavy storm 2 1/2 to 3 am, sharp lightning, and jarring thunder. Fine & bright after sunrise, the same all the day: and a fine and serene night.	6 ♀ ♀ * H ♀ 57
W. 11.	-12	SW S SSE SE	51 59 67		Bright till 8 am, then grey clouds & haze. — More clouds with rain a few minutes at 1 pm. — afterwards close and cloudy all the evening & night.	61
Th. 12.	29.96	SE S SW	60 62 72		Shower with Thunder passing west, 6 1/2 am. Cloudy till 11, then bright and hot. The evening serene & warm, moon bright, & silvery dapple clouds.	* O H 20
F. 13.	-05	SW S S	56 59 65		Close & dark electric haze; little rain at 8 1/2 am. Cloudy till 12, but the afternoon bright at times; and evening chiefly the same. Night clear.	08
S. 14.	-13	SW SW SW	50 59 66		Bright with cumuli clouds, very fine, and pleasant, but more wind. pm. — Rain in showers at 10 & 11 pm. — Breezy night.	Full moon. 0.33 am. 59
42077			3814	79	Mean (61° 42.8.)	Rain cal. over 2.88

860 = Nearly 3  $\frac{1}{2}$  above Average.



September\* 1867.

Barometer	Wind	Thermom. 9 <sup>th</sup> at	Thermometer at 8 pm.	Notes	Rain
Sept. 15. 30.01	SW <sub>2</sub> W <sub>1</sub> NW <sub>1</sub>	53 57 63		Cloudy, rain at times, during the morning; but after 9, fine with clouds and sun. - Evening & night also fine.	*h & f 05
M. 16. -22	NW <sub>2</sub> NW <sub>2</sub> N <sub>3</sub>	50 58 62		Bright, with flying clouds, and a cool breeze, some trifling showers at a distance, in the afternoon and evening.	52
Tu. 17. -43	NW <sub>3</sub> N <sub>3</sub> N <sub>2</sub>	48½ 55 58		Clouds & sun, with cool & gusty wind, and flying showers, yet but trifling rain: but more at 8 pm. & very cloudy.	52 11
W. 18. -50	N <sub>2</sub> NE <sub>2</sub> NE <sub>4</sub> 3, & 2.	51½ 59 64		Cloudy with sun, and very brisk wind, but less wind after sun set, and fine evening and night.	very fine 57
Th. 19. -35	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	52 63 65		Bright, and warm, with light clouds, & drying breezes. Serene evening and fine night.	very fine & pleasant. 57
F. 20. -25	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	53 61 64		Bright with many clouds, and some very rocky ones, and a fresh breeze at times. Fine evening, & chiefly clear.	very fine. 53
S. 21. -30	NW <sub>2</sub> W <sub>2</sub> SW <sub>1</sub> S <sub>1</sub>	47 53 63		Fog till after 10, cloudy in part till 2 pm. then a bright afternoon, and fine serene evening, but stormy from midnight.	moon last Dr 3.9 am. 55
42429		355439		Mean 56°.714	Rain & up 3.04
794 = About 1° below Average.					

September \* 1867.

Sept.	Baro. meter	Wind.	Thermom <sup>r</sup> 9 <sup>h</sup> High <sup>st</sup> Low <sup>st</sup> am	Weather &c.	Thermometer at 8 pm.	Notes.	Rain { 3'04
Su. 22.	30.02 -06	SW <sub>2</sub> . W <sub>2</sub> . W <sub>2</sub> .	53 57 63	Rain at times early A.M., and till 10, afterwards fine with sun, & clouds at times. Evening fine, and partially clear. - Fine night.	55		73
Mo. 23.	-17 29.98	SW <sub>3</sub> . SW <sub>4</sub> . W <sub>5-6</sub> .	48 55 64	Cloudy morn <sup>g</sup> , and wind squally flying showers with some sun, and galy wind all day. Blowing night but fine.	59		05
Tu. 24.	30.02 -43	W <sub>4</sub> . NW <sub>5</sub> . NW <sub>3</sub> .	49 54 57	Bright and windy, with flying clouds, more wind & more clouds P.M. but less in the evening. Colder night but very fine.	47	△ 48	
W. 25.	-52 -54	NW <sub>1</sub> . NW <sub>2</sub> . W <sub>0</sub> .	41 51 59	Bright, with light clouds and gentle wind. Pleasant, afternoon. Calm & fine even <sup>g</sup> , and grey clouds. -	52	609	
Th. 26.	-54 -55	W <sub>0</sub> . W <sub>0</sub> . SW <sub>0</sub> .	45 55 62	Calm with grey clouds & haze. From 9 am, very bright and a very pleasant afternoon, calm & warm. Even <sup>g</sup> cloud dy and close. -	57		
F. 27.	-51 -46	SW <sub>0</sub> . SW <sub>1</sub> . SW <sub>1</sub> .	51 55 63	Very close & blue haze, became bright after 10 am, with light clouds, a very pleasant day. Fine night. & very mild.	57	new moon 11.42 pm. □ 18 8	
S. 28.	-31 -21	SW <sub>2</sub> . WSW <sub>4</sub> . W <sub>3</sub> .	50 55 63	Clouds & sun, and very brisk wind, rather less wind after 3 pm. Sultry evening, & warm breeze all night.	58		
42432			337431	Mean Temp 54° 85%			Rain Over 3.22
			768				



# September \* 1867.

Sept.	Baro. meters	Wind.	Thermom. Lowest	9 am	Thermom. Highest	Weather, &c.	8 pm.	Notes.	Rain
Su. 29	30.26	W <sub>3</sub> . W <sub>4</sub> . W <sub>3</sub> .	52	57	63	Cloudy, close, & little rain at 8 am, then rather clearer but windy. Fine afternoon & evening, brisk wind, sun and clouds. (Splendid red streaked Osh. 55)		Few rain-drops at 7 & 8 am none measurable.	3.22
M 30	29.16	SW <sub>3</sub> . WSW <sub>4</sub> . SW <sub>5</sub> .	52	61	65	Bright with flying clouds, and dappled upward, but very warm, although windy. Equally night.	57		
120.71			104	128	Mean 2 days 58° - Rain - 3.22				

## Barometer,

Highest on 26<sup>th</sup> - 30.55  
 Lowest on 10<sup>th</sup> - 29.89  
 Range - 0.66  
 Mean of month 30.18.

Gales on 2 days.

## Thermometer,

Highest on 1<sup>st</sup> - 80°  
 Lowest on 25<sup>th</sup> am - 41°  
 Range - 39°  
 Mean daily range 13.05  
 Mean of month 59°33

About 1½° above Average.

Prevailing winds SW, and South;  
 Fine days 18; - Depth of Rain 3.22 Inches.

# Summary Notes, September 1867.

This was altogether a fine and warm month, and with some very hot days, interspersed with salutary rains at rather long intervals, greatly benefitting the Root Crops, and the pasture lands. About the 3<sup>rd</sup> and 10<sup>th</sup> some very heavy rain in many places, and severe thunder in various parts of the Kingdom. Public health on the whole good, but some cases of the usual kind peculiar to Autumn were prevailing in the large Towns. —

Northerly winds set in a little before the Equinox and lasted several days, and afterwards gale from SW and W, to the Month's end. —

A most splendid crimson, gold, and purple sunset on Sunday the 29<sup>th</sup>; a very fine instance of the beautiful scenes of September.



October \* 1867.

Oct.	Baro. meter	Wind.	Thermom. 9 am	Thermom. Highest	Weather.	Thermom. at 8 pm.	Notes	Rain.
Tu. 1.	30.41	NW <sub>2</sub> 48 NW <sub>2</sub> 53 W <sub>1</sub> 56			Clouds & sun, with a cooler wind, the afternoon chiefly bright, & clear, and quite calm after 4, and most of night. 47			
W. 2.	-21 29.92	SW <sub>4</sub> 43 SW <sub>4</sub> 50 W <sub>6</sub> 57			Squally wind, hazy & cloudy, very little sun, gale evening & little rain: but a very fine night. 53			.03
Th. 3.	-93 -99	W <sub>3</sub> 40 NW <sub>3</sub> 48 NW <sub>2</sub> 53			Clear, bright morning, and cool wind: the day cold and rather windy, with sun and clouds. Flying shower 3 3/4 pm. 43			.02
F. 4.	30.10 -20	NW <sub>3</sub> 37 1/2 NW <sub>3</sub> 42 NW <sub>2</sub> 48 1/2			Cold squalls, steady showers at times, although trifling: some bright intervals. Some hail at 3 1/2 pm. Evening and night unsettled and cold. 39	☐ H ♀ Hail and snow.		.06
S. 5.	-12 -14	NW <sub>2</sub> 33 1/2 NW <sub>3</sub> 43 NW <sub>1</sub> 50			Very cold wind, clouds and sun at times: A heavy shower with hail and rain 3 pm. Fine evening and less wind. 41	moon 1st Dr. 6.17 pm.		.10
Sa. 6.	-11 -01	S <sub>1</sub> 34 1/2 SW <sub>1</sub> 43 SW <sub>0</sub> 51			Hazy morning, clearer after 10, light, dappled clouds & sun. Fine and pleasant afternoon with light grey clouds. Mild evening. 46	Δ 48 ☐ H		
Mo. 7.	29.77 -70	SW <sub>2</sub> 46 WSW <sub>2</sub> 52 W <sub>2</sub> 53			great change, much warmer, and rainy morning: harder rain 9 to 10 am, then finer and the afternoon bright and wind mostly clear. 44	Thunder storm in the 4 pm.		.35
42.113		28253685		Mean 46.5 - Rain cal. up 0.56				

651 = nearly 5° below Average.

October \* 1867.

Oct.	Baro. meter	Wind.	Thermom. 9 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	Notes	Rain.
Tu. 8.	29.62 -76	NW <sub>3</sub> 39 NW <sub>3</sub> 45 NW <sub>1</sub> 51			Bright, with brisk & cool wind till 2 pm, afterwards showery with hail, and sharp lightning & thunder. Evening again finer. - Cold night. 43		Thunder lightning & hail 3 1/2 pm.	.12
W. 9.	-92 -95	NW <sub>2</sub> 35 W <sub>2</sub> 43 W <sub>1</sub> 48			Bright, but cold morning, continued bright till 11 am afterwards hazy & cloudy, and little rain after 4, and during night. 45			.14
Th. 10.	-75 30.78	S <sub>1</sub> 42 NE <sub>2</sub> 47 NE <sub>1</sub> 52			Clear & viewed 8 am, bright & cold forenoon, little hail & rain about noon. Fine afternoon, & the evening clear and cold. 40			.02
F. 11.	-30 -20	W <sub>1</sub> 37 W <sub>1</sub> 43 Varo. 50			Blue haze very thick all the morning, clearer, and sun at times in the afternoon. Bright moonlight evening, and calm. 41		Fine	
S. 12.	29.99 -35	W <sub>0</sub> 39 E <sub>1/2</sub> 43 E <sub>1</sub> 54			Thick fog till 10, afterwards very bright & calm, very warm in full sun, but cool air. Evening cloudy, and a close night. 46		very fine.	
Su. 13.	-72 -67	NW <sub>2</sub> 46 W <sub>2</sub> 46 WSW <sub>1</sub> 49			Rain from 5 am, and some times very fast till 1 pm, then finer, but cloudy, and the evening rather foggy, and closer. - Mild night. 47		Full moon 1.24 pm.	.36 .05
Mo. 14.	-84 -96	SE <sub>1/2</sub> 45 SE <sub>2</sub> 53 SE <sub>1</sub> 60			Morning foggy & warm, clearer after 9, clouds and sun, the afternoon bright and pleasant. Rainy evening. 54		Δ H ♂	.16
418.81		283364		Mean Temp 46.21 - Rain cal. over 1.41				

647 = About 5° below Average.



# October \* 1867.

Oct.	Baro. meter	Wind.	Thermom. Lowest 9 Highest am	Thermom. at 8 p.m.	Weather, &c.	notes.	Rain { 1.41
Tu. 15.	29.91 30.01	SE <sub>2</sub> SSE <sub>2</sub> SE <sub>1</sub>	51 58 63		Sultry morn'g, day mostly bright with electric clouds and very warm, the even- ing and night damp close & sultry. —	Thunder & lightning 1 a.m.	
W. 16.	-01 -04	SW <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	55 57 60		Rain from 5 till 7 a.m.: cloudy till after 10, then bright and very warm, with some clouds & electric skies. Gale in night & rain.	□ 4 ♀ △ H ♀	33
Th. 17.	29.87 -90	S <sub>2</sub> S <sub>3</sub> S <sub>1</sub>	52 55 62		Windy during past night, and little wet. — Fine bright morn'g, warm day, but wind gusty, and short shower 3 1/2 p.m. Fine evening and night. —		05 04
F. 18.	-71 -87	SW <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	48 53 60		Bright and warm, with light clouds, and fresh breeze at times, and the Evening closer, but fine. —	63 ♀ very fine.	
S. 19.	-81 -82	SW <sub>1</sub> SW <sub>1</sub> W <sub>1</sub>	44 47 57		Foggy till after 9, afterwards bright and pleasant, with gray clouds, till 2 p.m., then heavy showers till 4 p.m.	Distant thunder p.m.	14
Su. 20.	-95 30.10	W <sub>1</sub> W <sub>1</sub> SW <sub>1/2</sub>	36 43 54		Fog till 9, then bright and very pleasant all day. Some clouds at 10 a.m., and a calm & closer even- ing. —	moon last 2 9.17 a.m.	
M. 21.	-20 -25	SW <sub>2</sub> SW <sub>3</sub> SW <sub>1</sub>	43 48 57		Clouds and sun, with a warm and pleasant air, some misting at 5 p.m., the Evening & night very close	△ 04	
419.65 329.413 Mean Temp 53°. Rain cal. up 1.97							

742 = About 2° above Average.

# October \* 1867.

Oct.	Baro. meter	Wind.	Thermom. Lowest 9 Highest am	Thermom. at 8 p.m.	Weather, &c.	notes.	Rain { 1.97
Tu. 22.	30.28 -35	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	53 59 65		Very close morn'g, and cloudy, but cleared off at 11 a.m.; bright and hot afternoon. Close evening and rather foggy. —	very fine and hot.	
W. 23.	-27 -09	SE <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	55 57 59		Fog till after 9 a.m., afterwards bright warm, & pleasant. some fog in the night.	very fine & pleasant, p.m.	
Th. 24.	-01 -07	SE <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	46 53 57		Clouds and sun, but fine and pleasant with scarcely any wind. Fine night, calm, and close. —	62 ♀ very fine	
F. 25.	-26 -33	E <sub>1</sub> E <sub>2</sub> E <sub>0</sub>	48 53 57		Cloudy with sun at times, but very mild and fine. More cloudy and close after 4 p.m. Fine calm night. —	very fine.	
S. 26.	-30 -74	SE <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	46 53 58		Fog early, became very bright at 8 - and very warm sunny day. Fine evening, and chief- ly clear. —		
Su. 27.	29.75 -52	SW <sub>5</sub> S to W <sub>5</sub> W <sub>2</sub> & 1.	47 53 55		Blowing & cloudy fol- lowed by rain at noon squall at 1 p.m. from W. & rain continued till 3 then finer. —	new moon 1.3 p.m.	31
M. 28.	-85 30.12	NW <sub>3</sub> NW <sub>2</sub> W <sub>1</sub>	37 41 48 1/2		Bright with colder wind, very fine day & less wind, after 12. Clear evening. —	□ 4 ♀ △ H ♀	
421.34 332.3995 Mean 52.25. Rain — 2.28							

7315 = 1 1/4° above Average.

(cal. over)



# October \* 1867.

Oct.	Baro meter	Wind	Thermom. Lowest 9 am	Thermom. Highest at 8 pm.	Weather, &c.	notes	Rain
Tu. 29.	29.90	SW <sub>3</sub>	38		Rain from 3 to 5 am, fine from that till 12, again thick & rainy after 12, and till 4. Blowing night.		2.28
	92	SW <sub>1</sub> SW <sub>6</sub>	53	57			27
W. 30.	30.02	W <sub>2</sub>	49		Very fine, bright, warm and pleasant, with some electric clouds, and more at a distance. Close evening & night.		30
	11	W <sub>1</sub>	53	57½			
Th. 31.	02	SW <sub>2</sub>	51		Very warm day, with mixed clouds, and sun between. Close evening & very little wind.	5½	
	05	SW <sub>2</sub> SW <sub>1</sub>	56	58½		55	
18002			138	173	Mean 3 days 51° 83.	Rain - 2.85	

Barometer.

Highest on 1<sup>st</sup> - 30.52

Lowest on 27<sup>th</sup> - 29.52

Range - 1.00

Mean of Month 30.01.

Gales on 3 days. —

Prevalent winds from SW; — Fine days 16;

depth of Rain 2.85 Inches. —

Thermometer.

Highest on 22<sup>nd</sup> - 65°

Lowest on 5<sup>th</sup> - 33° 5'

Range - 31.5

Mean daily range 11.4

Mean of Month 49° 71'

2¼ below Average. —

# Summary Notes, October 1867.

This month was very remarkable for its great changes throughout, and more particularly for the low temperature all the former part up to the 13<sup>th</sup>, and for the great and sudden rise thereof on and after the 14<sup>th</sup> day. The rain-falls were frequent, and to a considerable amount, although often fine and pleasant. The foliage changed suddenly and fell fast, and rather earlier than usual; and there was considerable sickness and mortality. — Field labour, in preparing for wheat seeding, proceeded fairly, and the root-crops were good in most districts. —

Thunder-storms prevailed on 7<sup>th</sup>, 8<sup>th</sup>, 15<sup>th</sup>, and 19<sup>th</sup> in many parts of the Kingdom, and there was generally a highly electric state of atmosphere all the month, — whether the temperature was high or low.



# November 1867.

Nov.	Baro- meter.	Wind.	Thermom. 8 <sup>h</sup> am.	Thermom. 8 <sup>h</sup> pm.	notes.	Rain.
F. 1.	30.00 -07	SW <sub>2</sub> SW <sub>2</sub> NW <sub>2</sub>	52 57 61		Very mild, and cloudy with sun till after 1 pm. then colder & light rain & veered to NW. Fine. Evens and night. —	03
S. 2.	-24 -59	NW <sub>2</sub> NW <sub>1</sub> NW <sub>2</sub>	38 43 49		Clear, bright morning and chiefly so all the day, but much colder and a clear and frosty evening. —	3.9
Sa. 3.	-60 -50	W <sub>1</sub> W <sub>2</sub> SW <sub>1</sub>	33 36 49		Very white frost, and bright morning: very fine & sunny all day. Hazy Evng. wind rose during night. —	4.4
M. 4.	-33 -34	SW <sub>3</sub> W <sub>2</sub> W <sub>1</sub>	41 45 52		Clouds and sun, with a drying air, and a mild and pleasant day. Fine night. —	moon 1st. Per 2.27 pm.
Tu. 5.	-37 -39	W <sub>2</sub> NW <sub>2</sub> NW <sub>1</sub>	37 41 47		Clouds and sun, with colder breeze, and little flying rain at times. Fine evens & night. —	□ 4 δ Δ ○ H
W. 6.	-50 -58	NW <sub>1</sub> NE <sub>1</sub> NE <sub>1</sub>	38 41 48		Grey haze, but bright, very fine day, and chiefly bright: and bend and tranquil Evng. —	very fine.
Th. 7.	-61 -63	W <sub>1</sub> W <sub>1</sub> W <sub>1</sub>	32 38 49		Clear, very fine and bright all day, & the Evng serene and chiefly clear. —	δ 2 ♀ very fine.
42575			271355		Mean 44° 71. ) Rain cald up	03
			626		= 2 1/2 above Average.	

# November 1867.

Nov.	Baro- meter.	Wind.	Thermom. 8 <sup>h</sup> am.	Thermom. 8 <sup>h</sup> pm.	notes.	Rain.
F. 8.	30.60 -63	W <sub>2</sub> W <sub>3</sub> W <sub>1</sub>	38 43 54		Grey haze, but fine, and chiefly bright all day, with milder breeze, and very drying. Evng fine & bright moonlight. —	very fine. 0.03
S. 9.	-66 -67	W <sub>1</sub> NW <sub>1</sub> W <sub>1</sub>	38 40 46		Greatest fog all day, & scarcely any wind, but very fine. The Evng also foggy. —	□ 4 ♀ 4.2
Sa. 10.	-61 -60	NW <sub>1</sub> W <sub>1</sub> W <sub>1</sub>	38 45 49		Little fog, but soon cleared, grey clouds and nearly calm. Evng the same. —	4.6
M. 11.	-47 -37	W <sub>1</sub> W <sub>0</sub> W <sub>0</sub>	43 46 49		Grey haze, but calm and fine. Bright afternoon and quite calm. Evng foggy. —	4.2
Tu. 12.	-33 -29	NW <sub>0</sub> Var SE <sub>1</sub>	35 40 46		Foggy more or less, till 3 pm, then close and cloudy, and wind veered to SE. —	Full moon 1.9 am. 4.5
W. 13.	-17 -07	SE <sub>0</sub> SE <sub>0</sub> SE <sub>1</sub>	41 43 48		Calm & mild, but cloudy more or less. The Evng nearly the same. — Close night & hazy. —	Foliage rapidly falling. 4.6
Th. 14.	29.87 -78	SE <sub>2</sub> SE <sub>3</sub> SE <sub>3</sub>	39 46 52		Hazy & cloudy, but very mild, and after 4 pm more lowering, and little rain in the Evng, & night. —	5.0
42512			272344		Mean 44° — ) Rain. 3.3 over 15	12
			616		= About 2° above Average.	



# November 1867.

Nov.	Barom-eter.	Wind	Thermom <sup>er</sup> at 8 am.	Thermom <sup>er</sup> at 8 pm.	Notes.	Rain.
F. 15.	29.87	SE <sub>1</sub>	47		Hazy & very mild, but bright all the midday and very warm. Evening cloudy, but pleasant and mild.	0.15
	—83	SE <sub>2</sub>	50			
		SE <sub>1</sub>	5 1/2	52		
S. 16.	—80	NE <sub>1</sub>	45		Cloudy & blustering, with trifling rain at times, but mostly fine, and rather clear in p.m. stormy even <sup>g</sup> . some rain	
	—82	NE <sub>2</sub>	46			
		NE <sub>1</sub>	48			
Su. 17.	30.00	NE <sub>1</sub>	37		Blowing & some rain at times, finer P.M., & less cloud but very cold and blustering day. Less wind at eve.	
	—20	NE <sub>2</sub>	40			
		NE <sub>3</sub>	42 1/2	37		
M. 18.	—31	NW <sub>1</sub>	33 1/2		Cloudy, more or less all day, but fine, and very little wind.	
	—38	NW <sub>1</sub>	40		Evening also cloudy and nearly calm.	
		W <sub>1</sub>	45			
Tu. 19.	—40	W <sub>2</sub>	37		Clear, very fine bright morn <sup>g</sup> , but soon became thick & foggy, with intervals bright, and a bright afternoon.	
	—38	NW <sub>2</sub>	40			
		W <sub>2</sub>	46			
		W <sub>1</sub>	39			
W. 20.	—40	NW <sub>3</sub>	36		Cloudy with sun at times, but after 11 a.m. snow & rain at times and drifts of hail in the evening.	
	—46	NW <sub>3</sub>	38			
		NW <sub>4</sub>	40			
Th. 21.	—48	NW <sub>2</sub>	36		Cloudy, and little rain, but chiefly fine, and some sun after 3 p.m. but a little wet at eve.	
	—57	N <sub>1</sub>	39			
		N <sub>1</sub>	43			
	422.90		271.5	322	Mean 42° 39. Rain cal <sup>d</sup> up 38	
			593.5		≈ About the Average.	

# November 1867.

Nov.	Baro-meter.	Wind	Thermom <sup>er</sup> at 8 am.	Thermom <sup>er</sup> at 8 pm.	Notes.	Rain.
F. 22.	30.57	NW <sub>3</sub>	33		Cloudy more or less, little sun at times, but more wind at evening, and again less in the night.	
	—50	NW <sub>3</sub>	38			
		NW <sub>4</sub>	43			
S. 23.	—48	NW <sub>1</sub>	39		Cloudy more or less, and some sun at intervals, evening and night frosty and calm.	
	—58	NW <sub>1</sub>	42			
		N <sub>0</sub>	46			
Su. 24.	—67	NW <sub>0</sub>	32		Calm with grey clouds, and some sun, very fine for the season: a little wind during night, but still fine.	
	—70	NW <sub>0</sub>	38			
		W <sub>2</sub>	44			
M. 25.	—57	W <sub>1</sub>	36		Cloudy, and somewhat foggy, but calm, and very fine till 3, then a slight rain, but again fine & cloudy.	
	—48	W <sub>1</sub>	40			
		W <sub>1</sub>	43			
Tu. 26.	—32	SW <sub>3</sub>	38		Cloudy more or less, and very fine till 6 p.m., afterwards some rain, a short time. Night fine.	
	—14	SW <sub>3</sub>	42			
		SW <sub>4</sub>	46			
W. 27.	—21	W <sub>1</sub>	32		Bright morn <sup>g</sup> , and a fine and bright day, with a few light grey clouds. Frosty night.	
	—39	NW <sub>1</sub>	36			
		NW <sub>0</sub>	42			
Th. 28.	—39	W <sub>0</sub>	25		Hard frost, and very fine and bright day, with very little wind. Night fine and frosty.	
	—39	W <sub>1</sub>	25			
		NW <sub>0</sub>	41			
	426.39		235	305	Mean 38° 57. Rain cal <sup>d</sup> over 48	
			540		≈ 3 1/2° below Average.	



# November 1867.

Nov.	Baro. inches	Wind.	Thermom. Lowest am.	Thermom. & Highest pm.	Weather, &c.	Notes.	Rain inches
F. 29.	30.38	SW.	28		Hard frost AM. Fine day, with grey clouds and sun. Night clear, above, and lower below with keen frost.		0.48
		SW.		30			
	-39	SW.		39			
S. 30.	-24	SSE	29		Change since midnight cloudy & wind rising, very cold & overcast, followed by a rainy and blowing wind, with rain.	31	
		SSE		38			
	29.78	S		40			72
	120.79		57	79	Mean 2 days 34° -		Rain 0.60

## Barometer.

Highest on 24<sup>th</sup> — 30.70.

Lowest on 14<sup>th</sup> & 30<sup>th</sup> 29.78

Range — 0.92

Mean of Month — 30.34

Gales on 2 Days. —

Prevailing Winds West & NW. Fine days 23.

Depth of Rain 0.60 of an Inch.

## Thermometer.

Highest on 1<sup>st</sup> 61°

Lowest on 28<sup>th</sup> — 25°

Range — 36°

Mean daily range — 9.61

Mean of Month — 41.85

Very slightly below Average. —

# Summary Notes, November 1867.

This was a remarkably fine and dry month, and chiefly mild during first 3 weeks. —

It was also generally calm, except the 17<sup>th</sup> and 30<sup>th</sup>. The foliage withered and fell early, so that by the month's end, most of the trees, even Oaks and Elms were quite bare. —

There was no great prevalence of sickness — compared to what is usual in Autumn, and probably the dryness of this month was favourable to health, inasmuch as it prevented that production of Malaria which would often abound in wet Autumns after warm Summers. —

Ponds, ditches, and Rivulets were remarkably low of water all this season, and until the night of Nov. 30<sup>th</sup> we had no sign of storm and rain such as is common at this Period. —



# December 1867.

Dec.	Baro. meter	Wind.	Thermom. 8 am	Thermom. at 8 pm	Notes	Rain.
F. Su 1.	29.47	SW <sub>3</sub>	38		Heavy rain early AM; close & mild day, finer till 4, then a wet evening. Gale & rain - with snow after 12 pm.	51
	28.98	S <sub>4</sub> S <sub>5</sub> W <sub>6</sub>	52 55	53		23
S. M. 2.	29.57	NW <sub>6</sub>	25		Snow & hail early, with sudden severe frost & clear from 6 to 10 am, then cloudy, little snow at times but clearer after 3 pm.	47
	-73	NW <sub>6</sub> NW <sub>5</sub>	26 31	27	Great & sudden change. Piercing gale.	•
Tu. 3.	30.02	N <sub>3</sub>	25		Snow at times & sun bright between, much less wind, and finer in the afternoon.	•
	-25	N <sub>2</sub> NW <sub>1</sub>	36 38	33	Less frost than before.	•
W. 4.	-43	W <sub>0</sub>	30		Thick fog but soon cleared, & gentler frost. More heavy & thick again after 12, and all the afternoon. Even & night foggy.	•
	-34	W <sub>1/2</sub> SW <sub>2</sub> SE <sub>1</sub>	30 38	35	1st Dr 11.21 am.	•
Th. 5.	-01	S <sub>2</sub>	28		Overcast, snow & rain in the morning, fine and bright day - after 9 am, and a fine frosty evening till 8, cloudy night.	•
	29.84	SW <sub>1</sub> W <sub>1</sub> W <sub>2</sub>	35 38	31	* 49	04
F. 6.	-78	W <sub>2</sub>	31		Cloudy & thawing, some rain at times, and more wind. Cloudy evening and unsettled skies all night.	03
	30.06	N <sub>4</sub> NE <sub>3</sub>	36 40	37		•
S. 7.	-03	NE <sub>5</sub>	29		Squalls of wind, hail & snow, and very heavy hail at times. Evening and night finer.	•
	-17	NE <sub>3</sub> NE <sub>3</sub>	36 38	33	Distant Thunder 8 am. 8-10 am.	•
41868		206278		Mean 34° 57. ) Rain 2 up 1.28		
		484		= Nearly 4 1/2° Below Average.		

# December 1867.

Dec.	Baro. meter	Wind.	Thermom. 8 am	Thermom. at 8 pm	Notes	Rain.
Su. 8.	30.20	NW <sub>2</sub>	30		Cloudy, snow at times, and more in the evening but scarcely any wind.	•
	-02	W <sub>1</sub> SW <sub>0</sub>	34 35	32	Night fine, clearer, and severe frost.	•
M. 9.	-28	NW <sub>0</sub>	16		Severe frost and freezing all day. Chiefly bright with some gray clouds.	Severe frost.
	-37	NW <sub>0</sub> NW <sub>1</sub>	24 32	23	Some wind & part of night.	•
Tu. 10.	-09	W <sub>2</sub>	19		Change since 1 am, cloudy and foggy till 1 pm, and thawing, afterwards bright, but again foggy from 4 pm.	•
	-06	W <sub>1</sub> NW <sub>1</sub>	35 38	36	midst night.	•
W. 11.	-07	W <sub>3</sub>	34		Mild, but clear, and chiefly bright all day, with a brisk wind. Kid dropped.	Full moon 0.10 pm.
	-08	W <sub>3</sub> W <sub>4</sub>	39 46	42	hunted, and windy evening, and night.	•
Th. 12.	-12	W <sub>2</sub>	42		Mild & chiefly bright, with brisk wind, but very fine.	•
	-10	W <sub>4</sub> W <sub>6</sub>	44 50	42	Wind increased in the evening, and fine blowing night.	•
F. 13.	-19	WNW <sub>3</sub>	38		Bright with drying air, and some light clouds at times. Less wind after 3 pm. Fine night.	•
	-27	NW <sub>2</sub> NW <sub>1</sub>	40 46	40		•
S. 14.	-17	SW <sub>2</sub>	36		Cloudy & more wind, followed by rain from 1 pm, and till near 4 pm.	•
	29.88	SW <sub>3</sub> SW <sub>4</sub>	44 52	52	Night stormy, & very mild.	•
42190		2152995		Mean 36° 75. ) Rain 2 up 1.59		
		5145		= 2 1/4° below Average.		



December 1867.

Decr.	Baro. meter	Wind.	Thermom. 8 am	Thermom. High at	Weather, &c.	Notes.	Rain
1	Su 15.	29.74	SW <sub>4</sub> SW <sub>2</sub> W <sub>0</sub>	44 48 49	Storms of wind & rain early A.M. Cloudy all day, rain at times. Very close, dark & calm evening, and night.		1.59
2	M. 16.	-90 -83	SW <sub>2</sub> W <sub>4</sub> W <sub>6</sub>	45 51 55	Very mild, with clouds and sun, and windy after 12, increasing to heavy gusts in the evening, & night.		
	Tu. 17.	-70 -72	SW <sub>4</sub> SW <sub>2</sub> W <sub>1</sub>	47 51 53	Clouds & sun, mild & pleasant till 3pm then a little rain, but a fine Evng & night.		04
	W. 18.	-63 -58	SW <sub>1</sub> W <sub>2</sub> NW <sub>2</sub>	34 34 40	Clouds & sun, and much colder again. but fine, and drying. Little frost during night.	MOON last 20 3.34am.	
	Th. 19.	-75 -84	NW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	29 35 38	Clouds & sun, little sleet early a.m., but the day chiefly fine. Frosty Evening.		
	F. 20.	30.00 -73	W <sub>2</sub> NW <sub>1</sub> NW <sub>0</sub>	25 26 35	Hard frost, and very bright most of the day, more hazy at sunset, and cloudy Evng.		
	S. 21.	-05 29.95	S <sub>3</sub> S <sub>4</sub> S <sub>2</sub>	28 36 37	Change early a.m. overcast rain snow & sleet at times; and thick rain drifting all P.M. - Mild & fine night.		40
	417.77		252.5	307	Mean 39.964.	Rain ran up 2.24	
			559.5		= Rather above Average.		

December 1867.

Decr	Baro meters	Wind	Thermom 8 am	Thermom at 8pm	Weather, &c	notes	Rain 2.24
Su. 22	29.88 30.11	SSW <sub>2</sub> W <sub>3</sub> WNW <sub>2</sub>	35 47 49		Very foggy and mild. morn'g clearer after 10, & bright P.M., and again colder. Fog below at 5 pm. but fine evening.	* 48	
M. 23.	-24 -31	W <sub>1</sub> W <sub>1</sub> S <sub>2</sub>	30 30 39		Clear & gentle frost fine sunny day with light e. breeze. Some clouds & wind to S. from 4 pm.	35	
Tu 24.	-22 -23	SSE <sub>3</sub> S <sub>2</sub> S <sub>2</sub>	35 41 45		Hazy & cloudy, little sun, & drying air; Beautiful sunset, red purple & gold bars of cloud	40	Splendid colours at sun set.
W. 25.	-32 -32	SW <sub>1</sub> SW <sub>1</sub> SW <sub>0</sub>	34 37 43		Cloudy & mild, thick, & overcast from 10 am, and some rain till after 11, then foggy, more or less.	35	new moon 11. 39 pm. * 04 07
Th. 26.	-35 -38	NW <sub>0</sub> Var. o. NW <sub>0</sub>	30 30 37		Dense fog & freezing on the shrubs, fog continued all day, but no freezing after 10 am; night foggy & more frost.	32	
F. 27.	-45 -51	E <sub>1</sub> E <sub>1</sub> E <sub>1</sub>	28 35 39		Frost, early, but overcast, & dripping fog all the morn'g; drier afternoon, cloudy & nearly calm. Very fine & calm night.	36	
S. 28.	-38 -30	Var. o. NE <sub>1</sub> NE <sub>1</sub>	34 34 36		Cloudy, calm, & mild, in the morn'g, but colder in proportion in the day, continued cloudy.	34	
424.00		226 288		Mean 36° 71.		Rain cal. 2.31	
514 = 24 below Average.							



# December 1867.

Dec.	Baro. meter	Wind.	Thermom. Lowest 8 a.m.	Thermom. Highest 8 p.m.	Weather, &c.	Notes	Rain 2.31
1 Su. 29.	30.16	NE <sub>2</sub> NW <sub>2</sub> NW <sub>2</sub>	29 34 41		Very foggy till 9 a.m., fine day with sun, and grey clouds. The night fine also.	38	
2 M. 30.	-40 -45	NE <sub>3</sub> NE <sub>3</sub> NE <sub>3</sub>	33 33 37		Grey clouds, and very little or no sun, but very keen wind. Evening fine, and chiefly cloudy.	34	* 1/2
Tu. 31.	38 -31	N <sub>1</sub> N <sub>1</sub> NE <sub>1</sub>	25 29 33		Hard frost & grey clouds, little snow - at 1 p.m. & afterwards. Frosty evening & night.	29	
18185			87/111		Mean 3 days 33°.		Rain 2.31

## Barometer

Highest on the 27<sup>th</sup> 30.51

Lowest on the 1<sup>st</sup> 28.98

Range — 1.53

Mean of Month 30.06

Gales on 4 days. —

## Thermometer.

Highest on 1<sup>st</sup> & 16<sup>th</sup> 55°

Lowest on the 9<sup>th</sup> 16°

Range — 39°

Mean daily range 9.58

Mean of Month 36.61

2° 39 Below Average.

Prevailing winds W, and NW.

Fine days 19. Rain 2.31 Inches.

# Summary Notes, December 1867.

This month was very changeable, but with much real wintery weather during a large portion of it, so as to yield a mean temperature considerably below the Average. —

Sickness prevailed, and many deaths among very old people, and also among young children, as usual in cold seasons. —

The pools and rivulets which became so low in November, were nearly replenished in this month by the snows and rain together, so that it was truly a most salutary supply after the previous fine Autumn, and as most of the summer was fine and often parching. —



General Results for 1867.

1867.	Winds.								Gales	Fine Days	Rain	Mean Bar.	Mean Temp.	Mean daily range	Thermomd	
	E	N	N	S	NE	SE	NW	SW							Min	Max.
Jan.	3	5	0	2	3	4	8	6	4	11	2.62	29.74	32.10	10.62	8°	56°
Feb.	2	8	1	3	1	2	2	9	3	19	1.64	30.13	43.77	10.41	26°	56°
Mar.	8	4	2	0	10	2	2	3	4	10	1.84	29.89	37.65	11.37	20°	58°
Apr.	1	10	0	0	2	5	3	10	7	15	3.44	29.86	49.75	14.03	27½°	67°
May.	5	3	1	4	5	10	0	3	2	20	3.79	30.02	54.36	17.66	32°	82°
June.	1	7½	2	1	7½	1½	3½	6	0	22	0.82	30.20	58.78	15.60	43°	80°
July.	3	6½	1	2½	2	4½	3	8½	0	19	4.33	30.01	59.88	15.20	40°	75°
Aug.	0	3	1	2	1	10	1	13	0	25	1.40	30.12	63.95	16.40	42°	88°
Sep.	1	4	1	5	3	3	3	10	2	18	3.22	30.18	59.33	13.05	41°	80°
Oct.	2	5	0	1	1	4	6	12	3	16	2.85	30.01	49.71	11.40	33½°	65°
Nov.	0	8½	1	0½	3½	4½	8½	3½	2	23	0.60	30.34	41.85	9.61	25°	61°
Dec.	1½	8	2	3½	3½	0	7½	5	4	19	2.31	30.06	36.61	9.58	16°	55°
1867.	27½	72½	12	25	41	50½	47½	89	31	217	28.46	30.04	48.97	12.91	8°	88°

Coldest day - Jan<sup>o</sup> 14<sup>th</sup> Therm 8°

Hottest - Aug<sup>t</sup> 14.<sup>th</sup> - Therm<sup>d</sup> 88°.

Lowest Baromd - Jan 8<sup>th</sup> - 28.88.

Highest ——— March 2<sup>nd</sup> — 30.82.

Fine days 217, and the depth of rain  
28.46 Inches. —

January \* 1868.

Jan'y.	Baro. meter	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	Weather, &c.	Notes.	Rain.
W. 1.	30.25 -22	NW <sub>1</sub> NW <sub>1</sub> Var. 0.	25 29 32½		Hard frost, grey clouds, & little snow; very cloudy all day, and frost continued. More wind in the night. —	8 H 0 8 ½ H	0
Th. 2.	-30 -29	NE <sub>2</sub> NE <sub>2</sub> E <sub>1</sub>	25 28 33		Continued hard frost, & cloudy, snow for some time about 1 & 2 pm. Frost sharper during night. —	6 0 ½	0
F. 3.	-30 -19	E <sub>2</sub> NE <sub>2</sub> N <sub>2</sub>	22 28 31		Sharp frost, & little snow at times, & very fast at 1 pm. Snowy night, and chiefly cloudy. —	moon 1st Dr 4.3 am.	0
S. 4.	-05 -11	NE <sub>2</sub> NE <sub>2</sub> E <sub>1</sub>	27 30 31		Cloudy, less frost, but still no thaw. Overcast, evening & slight mist- ling with a little snow- also; night the same. —		
Su. 5.	-11 -10	NE <sub>3</sub> NE <sub>3</sub> NE <sub>2</sub>	28 34 35		Overcast, & more wind, sleet at times, & misting rain together. Gentle thaw from 3 pm, and all the night. —		05
M. 6.	29.99 -97	NE <sub>1</sub> NE <sub>1</sub> NE <sub>1</sub>	32½ 34 35		Overcast, & gentle thaw, but snowing chief of the day, more or less, and sometimes fast. —		0
Tu. 7.	30.12 -10	NW <sub>1</sub> NW <sub>1</sub> W <sub>2</sub>	27 27 35		Foggy with frost, and some snow at times. Thawing all evening and part of night. —	* ¾ 4	0
42 2.10		18 65 23 25		Mean Temp 27° 92. Rain & over 05			
4.19 = 5° below Average.							



January \* 1868.

Jan. 7.	Baro- meter.	Wind.	Thermom. Lowest.	Thermom. 8 am.	Thermom. Highest.	Weather, &c.	at 8 pm.	notes.	Rain, &c.	
W. 8.	30.12	NE <sub>2</sub>	31			Overcast, wind again returned to NE. Dark and thick all day, cloudy night, and a little frost.	30		.05	
Th. 9.	-28	NE <sub>1</sub>	29	32		Very cloudy, and gentle frost, but freezing all day. Evening & night the same.	30	Full moon. 10.53 pm.		
	-33	E <sub>1</sub>		32						
F. 10.	-32	E <sub>1</sub>	29	32		Cloudy, little frost, but a slight thaw in the afternoon, and evening.	30	8 & 4		
	-29	SE <sub>1</sub>		34		Cloudy night.	33			
S. 11.	-08	SE <sub>4</sub>	30	33		Overcast and very cold blustering wind, sleet & rain froze as it fell gentle thaw after midnight.	32	Rain & sleet. pm. frozen as it fell.	.21	
	29.96	S <sub>3</sub>		33						
Su. 12.	-99	SW <sub>1</sub>	32	34		Very foggy, and gentle thaw, the fog much increased all day.		very foggy and dark.		
	-97	SW <sub>2</sub>		38		Evening and night rainy.	36		.17	
M. 13.	-62	S <sub>5</sub>	36	43		Blowing & rainy morn'g, but fine after 10. sun at times. Some rain again in the Evening.	45		.22 .07 .04	
	-58	SW <sub>4</sub>		48						
Tu. 14.	-84	SW <sub>2</sub>	37	44		Overcast & showery rain a short time A.M. - Cloudy & blowing afternoon, and stronger wind in the Evening.	50		.05	
	-73	SW <sub>6</sub>		51						
420	28		224	269		Mean Temp 35° 21.		Rain &c. up 0.81		
			493			Slightly above Average.				

January \* 1868.

Jan <sup>5</sup>	Baro. meter	Wind.	Thermom <sup>r</sup> Fahrenheit	Thermom <sup>r</sup> 8 High <sup>st</sup> and	Thermometer at 8 pm.	Notes.	Rain. 0.81
W. 15.	29.83	SW 3. 42 SW 6. 44 W 3. 49				Windy, but mild and chiefly bright, the afternoon very bright, & more wind, but less after 10 o'clk. — 41	
Th. 16.	-30	S 1. 35 S 3. 38 SW 5. 47				Clear till 8, then fog till 10, afterwards cloudy, and windy, very mild, blowing night, rain at times. — 47	moon last Dr 5.4 pm.
F. 17.	29.99	SW 3. 45 SW 5. 51 SW 6. 53				Cloudy, mild & rather blustering, little rain at times. More wind in the Evening, and driving showers till 11 pm. — 52	Thunder & lightning 10 pm.
S. 18.	-85	SW 4. 39 S 6. 43 S 5. 3 49				Red morn'g, dark stormy sky all day, galy and some rain at times: wind abating all the night. — 49	3 8 3
Sa. 19.	-12	SW 3. 39 SW 5. 41 SW 3. 48				Squally sky, with sun most of the day, and wind blustering. Driving storms of rain in the Evening but fine during night. — 43	
M. 20.	-21	NE 2. 37 NE 3. 40 N 2. 42				Cloudy & colder air, clearer after 12, bright afternoon and inclined to frost. Fine Evening and night and some frost. — 37	
Tu. 21.	-80	S E 1. 28 S 2. 34 S 2. 42				Red & hazy morning; cloudy more or less all day, and rain at 3 & 4. but a fine & clearer Even'g. — 40	
41 551			265330			Mean Temp 42° 5. — Rain cal <sup>d</sup> over 1.55	75
595 = 7° above Average. —							



January \* 1868.

Jan <sup>y</sup>	Baro. meter	Wind.	Thermom. 8 <sup>am</sup> Highest	Thermom. at 8 pm.	notes.	Rain.
					Weather, &c.	1.55
W. 22.	29.20	NE <sub>2</sub> NE <sub>3</sub> NE <sub>3</sub>	33 37 39		Cloudy & rain at times, dark, raw and very unpleasant. Some snow during the night. 36 snow.	.14
Th. 23.	-70	NE <sub>3</sub> N <sub>4</sub> N <sub>3</sub>	32 35 35		Snow early a m., very cloudy & cold day, some snow at times, and more at 8 pm. Night fine & frosty. 32	0
F. 24.	30.36	SW <sub>0</sub> S <sub>2</sub> SSE <sub>6</sub> & 7.	25 25 35		Bright & frost a m.; hazy & more wind, af- ter 11: piercingly cold & sharp gale all day, snow & rain 11-12 pm. 32	new moon 7.18 pm. * h <sub>0</sub> * & h <sub>3</sub> 33
S. 25.	29.65	SW <sub>3</sub> SW <sub>4</sub> W <sub>3</sub>	32 37 46		Clouds & sun and much milder, but a stormy looking sky. - Evening and night fine, and buck wind. 40	0
Su. 26.	30.06	W <sub>3</sub> W <sub>3</sub> NW <sub>1</sub>	35 38 42		Cloudy but after 9 very bright, and the same all day, with some light clouds & black wind. 32	0
M. 27.	-35	SW <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	30 34 46		Hazy, dark & thick, with great increase to a strong blue haze & some rain at times but finer night. - 39	.73
Tu. 28.	-10	SW <sub>1</sub> SW <sub>1</sub> SW <sub>3</sub>	44 45 49		Cloudy, & thick, but very mild, some rain after 3 pm., and more wind at night. - 48	.05
4/885			231	292	Mean Temp 37° 35.	Rain 2.20 car up
523 = 2 1/4° above Average.						

January \* 1868.

Jan <sup>y</sup>	Baro. meter	Wind.	Thermom. 8 <sup>am</sup> Highest	Thermom. at 8 pm.	notes.	Rain.
W. 29.	30.20	NW <sub>3</sub> W <sub>4</sub> W <sub>3</sub>	33 37 44		Clear, & a black wind. very drying air all day & evening also. but a heavy night. - 39	Δ ♀ H
Th. 30.	-32	W <sub>2</sub> SW <sub>3</sub> SW <sub>4</sub>	34 37 46		Hazy with sun, and clouds, blustering eve- ning & chiefly cloudy. Heavy gale at night. 45	♂ ♀ 4
F. 31.	-03	SW <sub>6</sub> SW <sub>5</sub> SW <sub>6</sub>	43 48 53		Heavy gales early a m. blustering day, but very mild, and often bright. Very heavy gale all night. 49	* ♂ h
18084			110	143	Mean 3 days 42.16.	Rain - 2.20

Barometer.

Highest on 24<sup>th</sup> — 30.36

Lowest on 19<sup>th</sup> — 29.12

Range — 1.24

Mean of Month 29.96

Gales on 6 days.

Thermometer.

Highest on 17<sup>th</sup> & 31<sup>st</sup> 53°

Lowest on 3<sup>rd</sup> — 22°

Range — 31°

Mean daily range 7° 09

Mean of Month 36° 98

Nearly 2° above Average.

Prevalent winds — S W, and N E.

Fine days 11; depth of Rain 2.20 Inches. —



# Summary Notes, January 1868.

This was a very changeable month, both in temperature and density, and on the whole very seasonable, with but little severe weather, yet a fair quantum of frost, and some heavy gales at intervals. The Mean Temperature much below Average in the first week, but in the third week much above, and for the entire month very nearly 2 degrees above the Average. — Public health fair for the season, and the Mortality not to be called high, either in Town or country, as appears by the Published Returns of the Registrar General.

# February \* 1868.

Feb.	Baro. meter	Wind.	Thermom. <sup>8 am</sup> <sub>Lowest</sub>	Thermom. <sup>at 8 pm</sup> <sub>Highest</sub>	Weather, &c.	notes.	Rain.
S. 1.	29.35	SW <sub>7</sub>	48		Heavy gale all the past night, and continued the same nearly all day. Little flying rain 2 pm. Fine night & less wind.	moon 1st Dr. 6.16 pm. fresh Gale.	.04
	28	SW <sub>7</sub>	53				
		W <sub>5</sub>	55				
Su. 2.	29.92	SW <sub>4</sub>	38		Clear, and drying day, very few clouds, but the evening more cloudy & hazy. Hard rain 9 and 10 pm.		.40
	30.02	SW <sub>3</sub>	41				
		SW <sub>2</sub>	50				
M. 3.	29.73	SW <sub>6</sub>	39		Heavy gale at 2 & 3 am; very fine & bright day with bleak wind.	Heavy gale.	
	30.14	SW <sub>3</sub>	43		Clear night & little frost.		
		W <sub>3</sub>	44				
Tu. 4.	29.38	SW <sub>2</sub>	31		Clear but soon hazy with clouds, & gusty wind. Some flying rain 8 pm, but finer night.		.04
	37	SW <sub>5</sub>	34				
		SW <sub>3</sub>	47				
W. 5.	29.40	SW <sub>2</sub>	40		Clouds and sun, with gusty wind, after 12. and more cloudy and windy. P.M. Last the night less windy.		
	24	SW <sub>5</sub>	42				
		SW <sub>5</sub>	48				
Th. 6.	29.31	WSW <sub>3</sub>	40		Rather hazy but bright, morns, more hazy all the afternoon, and evening, and less wind. Frosty night.		
	33	WSW <sub>2</sub>	42				
		W <sub>1</sub>	46				
F. 7.	29.13	S <sub>1</sub>	30		Hazy, cloudy & milder again after a frosty night. Brighter afternoon, cloudy night.		
	29.92	S <sub>3</sub>	40				
		S <sub>2</sub>	46				
	41 9.62				Mean Temp 43°	Rain 0.48	
			266	336	602 = 6° above the Average.	carried over.	



# February \* 1868.

Feb.	Baro.	meter	Wind.	Thermom.	Thermom.	Weather, &c.	Notes.	Rain.
				8 <sup>am</sup>	at 8pm.			
S. 8.	29.70		W <sub>3</sub>	39		Some rain early, and at times in the day, and very cloudy & colder pm.	Full moon 11 9.35 am.	0.48
	30.21		NW <sub>4</sub> N <sub>4</sub>	42 42½		Clear and frosty evening and night.		17
Su. 9.	-52		NW <sub>1</sub>	26½		Clear, frost. a.m.; continued bright, with gentle wind till near sunset, but afterwards cloudy.		
	-60		W <sub>2</sub> W <sub>2</sub>	30 39½				
M. 10.	-52		SW <sub>3</sub>	35		Cloudy & milder, again brighter after 11 am, fine drying day, and the night the same.	□ 8h	
	-53		W <sub>4</sub> W <sub>2</sub>	46 53				
Tu. 11.	-48		SW <sub>4</sub>	42		Cloudy morn'g, but after 10, chiefly bright, and a very drying breeze.		
	-55		W <sub>4</sub> NW <sub>2</sub>	47 50		Clear & frosty night.		
W. 12.	-56		W <sub>2</sub>	32		Clear, very bright all the day, but more cloudy at sunset, and during the Evening.		
	-49		W <sub>2</sub> W <sub>1</sub>	35 45				
Th. 13.	-34		W <sub>2</sub>	33		Grey clouds and sun, very fine drying day, and rather mild. Cloudy Evening and night.	△ 8h	
	-29		W <sub>3</sub> W <sub>2</sub>	40 48				
F. 14.	-24		SW <sub>1</sub>	41		Grey clouds, & little sun, mild, and pleasant, rather more windy in the Evening.		
	-19		SW <sub>2</sub> SW <sub>3</sub>	44 48				
42522				2485326		Mean 40° 89. Rain cal. up.		76

5725 = Nearly 4° above Average.

# February \* 1868.

Feb.	Baro.	meter	Wind.	Thermom.	Thermom.	Weather, &c.	Notes.	Rain.
				8 <sup>am</sup>	at 8pm.			
S. 15.	30.11		SW <sub>3</sub>	41		Cloudy mild & fine morn'g, little rain about midday, and colder afterwards, but fine, and frosty night.	moon last 2d 9.17 am.	76
	-30		W <sub>2</sub> W <sub>3</sub>	45 46				05
Su. 16.	-55		W <sub>1</sub>	31		Clear, and frost early, continued very bright all the day, with drying breeze.	very fine.	
	-33		SW <sub>3</sub> SW <sub>1</sub>	35 46		and very fine night, with slight haze on horizon.		
M. 17.	-40		SW <sub>1</sub>	32		Very fine and very bright all day, with a drying breeze. More hazy in the night, & no frost.	6 8h	
	-36		SW <sub>2</sub> SW <sub>1</sub>	35 48½				
Tu. 18.	-30		SW <sub>1</sub>	37		Bright, with blue haze, and clouds at times. cloudy evening and more wind, mild & blowing.		
	-12		SW <sub>1</sub> SW <sub>2</sub>	40 46				
W. 19.	29.78		S <sub>4</sub>	39		Overcast, and little rain, at times, but less wind after 11 am, & till 5 pm - afterwards more and changed to N.E.	△ 8h	07
	-83		SE <sub>2</sub> NE <sub>4</sub>	42 45½				
Th. 20.	30.21		NW <sub>3</sub>	38		Cloudy till 10 am, then bright, with some light clouds. The Evening more clouded & hazy.		
	-12		SW <sub>2</sub> SW <sub>2</sub>	41 46½				
F. 21.	29.90		SW <sub>2</sub>	39		Rain early, cloudy, and mild, bright, after 10 am, and a mild and sunny day. Evening cloudy.		12
	30.08		W <sub>2</sub> W <sub>2</sub>	47 52				
42259				2573305		Mean 41° 96. Rain cal. over 100		

5875 = Nearly 5° above Average.



# February 1868.

Feby	Baro. meter	Wind.	Thermom. Fahrenheit 8 am.	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	notes	Rain 1.00
S. 22.	29.88 -79	SW <sub>3</sub> W <sub>3</sub> W <sub>5</sub>	43 45 50		Clouds & sun, mild till 11 1/2 am, then a storm of rain from NW, afterwards bright but cold. Night squally & rain at times.			12
Su. 23.	30.12 -40	W <sub>6</sub> NW <sub>4</sub> NW <sub>1</sub>	36 38 42		Gale with storms of rain, snow and hail from 1 am, but moon a fine bright & cold day. Wind fell to calm at 2.20 pm. Even 33.			14
M. 24.	-22 -29	SW <sub>2</sub> SW <sub>3</sub> W <sub>3</sub>	33 1/2 45 57		Fine and very mild, with some clouds, but mostly bright. Splendid sunset, red, purple & gold streaked clouds.	☐ h <sup>o</sup> gorgeous sunset.		
Tu. 25.	-28 -40	W <sub>3</sub> W <sub>4</sub> W <sub>2</sub>	48 51 59 1/2		Very fine, bright, and warm, with few light clouds. and a clear evening and night.	blue violets open.		
W. 26.	-38 -28	W <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	40 45 55		Very fine and bright, with drying breeze, and very pleasant. Evening more cloudy.			
Th. 27.	-20 -10	SW <sub>2</sub> SW <sub>3</sub> SW <sub>1</sub>	40 47 50		Cloudy more or less all day, but very fine. Evening the same, and less wind.			
F. 28.	-04 29.97	SW <sub>1</sub> S <sub>3</sub> S <sub>2</sub>	44 46 56 1/2		Very fine, mild, and bright, with a drying air. More hazy & stormy looking at evening.	Δ h <sup>o</sup> roads dusty.		
S. 29.	-82 -40	SSE <sub>3</sub> S <sub>6</sub> S <sub>6</sub>	41 45 52		Hazy, windy and cloudy but mild. Blowing and rainy evening, and a stormy night.			20
481.57		8253422		Mean 46.71.		Rain - 1.46		
		747.5		= 9 above Average.				

# Summary Notes, February 1868.

Barometer.	Thermometer.
Highest on 9 <sup>th</sup> - 30.60	Highest on 25 <sup>th</sup> - 59.5
Lowest on 1 <sup>st</sup> - 29.28	Lowest on 9 <sup>th</sup> - 26.5
Range - 1.32	Range - 33°
Mean of Month 30.16	Mean daily range 10.94
	Mean of month 43.26
Gales on 4 days. -	64° above Average.

Prevailing winds SW, and W.  
Fine days 20. Depth of Rain 1.46 In.

This was a very mild February, and mostly fine, as the rain-falls were light, and at distant intervals. The little flowers were early in opening, even the Crocus, and the blue sweet Violet, long before the close of the month. The Public Health on the whole in a medium state.



# March 1868.

March	Baro. meter	Wind	Thermom. Touch 8 am	Thermom. at 8 pm	Notes	Rain.
Su. 1.	29.75 30.00	W <sub>5</sub> W <sub>4</sub> WSW <sub>3</sub>	34 38 44		Gale & driving storms of rain & hail early a.m.; but a very fine and bright day, till about 12. Showery night.	.22 .03
M. 2.	29.93 30.14	SW <sub>4</sub> W <sub>5</sub> W <sub>5</sub>	39 48 52		More showers early a.m.; mild & squally day, some sun, and a few flying showers. Mild & windy evening.	moon 1st. Dr 4.49 am. .05 .04
Tu. 3.	-29 -24	W <sub>2</sub> W <sub>1</sub> WSW <sub>3</sub>	45 48 52		Cloudy, close, and misty at times, but clearer in the evening and more wind.	.04
W. 4.	-19 -09	WSW <sub>4</sub> SW <sub>4</sub> SW <sub>4</sub>	45 49 53		Cloudy with sun at times, and blustering wind, but mild and fine. Very blowing night.	.09
Th. 5.	29.73 -70	SW <sub>6</sub> W <sub>4</sub> W <sub>2</sub>	49 51 53		Very squally, with some heavy storms of rain, and distant thunder. Fine & moon light evening.	Thunder NW. 2 pm. .25
F. 6.	-70 -80	W <sub>3</sub> NW <sub>6</sub> W <sub>3</sub>	35 40 48		Bright morn'g, the day very windy, with sun, and clouds. Fine & clear moonlight night.	.41
S. 7.	-83 -55	W <sub>2</sub> W <sub>2</sub> SW <sub>3</sub>	34 40 50		Bright with clouds, and a drying breeze. Cloudy evening, blowing more, & night squally.	.68 .24 .48
41894			28153528		Mean 45° 28.	Rain 6.3

634 = 34 above Average.

# March 1868.

March	Baro. meter	Wind	Thermom. Touch 8 am	Thermom. at 8 pm	Notes	Rain
Su. 8.	29.11 -35	NW <sub>4</sub> NW <sub>5</sub> W <sub>8.6</sub>	33 36 44		Hard rain at 4 & 5 am, & snow & rain from 7 to 9, afterwards stormy with hail, & sun at times. Severe gales & thunder.	Full moon 8.22 pm. Heavy gale. .60 .13
M. 9.	-70 -66	SW <sub>3</sub> SW <sub>2</sub> 1.30.	36 39 48		Bright with some clouds, and haze. More haze from 4 pm, & wind gone. Hazy & calm night.	.43
Tu. 10.	-58 -64	S <sub>0</sub> S <sub>1</sub> S <sub>1</sub>	35 40 52		Hazy with rocky electric clouds, but chiefly bright. Evening cloudy, and in- clined to storm at a distance.	.64 .40
W. 11.	-63 -47	SSE <sub>3</sub> S <sub>5</sub> S <sub>6.3</sub>	33 42 48		Hazy & lowering morn'g, very blowing day, and heavy cloudiness. Even- ing rainy & galy.	.47 .21
Th. 12.	-61 -97	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	39 42 54		Bright, with some cu- muli clouds & gentle drying wind. Evening hazy, & signs of rain.	.47 □ 28
F. 13.	30.15 -33	S <sub>2</sub> S <sub>2</sub> S <sub>3</sub>	42 48 56		Gentle rain 6 am, close morn'g, and a fine day but cloudy. The evening and night clearer, and very fine.	.12 .49
S. 14.	-33 -31	S <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	43 48 58		Bright with grey clouds, very fine, warm, and pleasant day, till 2 pm. then heavy & cloudy with slight rain. Fine night.	.02 .47
41684			2613605		Mean 44° 35.	Rain 1.71

621.5 = 24 above  
the Average.



# March 1868.

March	Baro- meter	Wind.	Thermom. 8 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm	Notes.	Rain
Su. 15.	30.30	W <sub>1</sub> .	39		Bright all day, with a few light clouds, very fine and pleasant. Evening calm, and also clear.		very fine.	
	-30	W <sub>2</sub> .	42					
		W <sub>0</sub> .		55				
Mo. 16.	-21	SW <sub>1</sub> .	33½		Hazy but bright, with arcs of cirrostratus from NW to NE. Cloudy after-noon & evening. Squalls of wind all night.	moon last Dr. 3.28 am.		
	-09	SW <sub>2</sub> .	42					
		SW <sub>2</sub> .	51					
Tu. 17.	29.90	W <sub>4</sub> .	41		Storm of rain early a.m. fine & bright from 9 to 1 pm, afterwards stormy with sun at times & thunder in NW.	Thunder 4 pm.		11
	30.05	W <sub>3</sub> .	43					04
		W <sub>1</sub> .	52					12
W. 18.	-31	NW <sub>2</sub> .	34		Showers early, but fine & bright from 7 am, all day, and a clear sunset.	6 8 8		
	-28	N <sub>1</sub> .	39		Frosty night. WSE.	5 to 92. 7 pm.		
		N <sub>0</sub> .	48½					
Th. 19.	-04	SW <sub>1</sub> .	31		Hazy with clouds, and sun, overcast evening and a little light rain but fine after 9 pm.	* 9 H		05
	29.98	S <sub>3</sub> .	38					
		SW <sub>2</sub> .	49					
F. 20.	30.01	SW <sub>1</sub> .	32		Hazy, and more or less cloudy, with some light rain after 3 pm. Evens & night fine & mild.	* 9 9		02
	29.99	SW <sub>3</sub> .	39					
		SW <sub>2</sub> .	48					
S. 21.	30.11	SW <sub>1</sub> .	43		Close & mild, clearer from 10 am, grey clouds and sun. Calm and close evening.	very fine and warm.		
	-16	SW <sub>2</sub> .	48					
		SW <sub>0</sub> .	58					

4.21.73 25353615 (Mean Temp 43° 92.) Rain c<sup>up</sup> 2.05

615 = Nearly 2° above Averages.

# March 1868.

March.	Baro- meter	Wind.	Thermom. 8 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm	Notes.	Rain.
Su. 22.	30.12	SW <sub>2</sub> .	40		Hazy & cloudy more or less, and little sun, but more lowering & more wind after 3 pm blowing all the night, showed at 12 pm.			2.05
	29.97	SW <sub>3</sub> .	41					
		SW <sub>4</sub> .	53½					
Mo. 23.	-88	W <sub>6</sub> .	35		Squalls at 1 am, hail & rain and frequent storms in the day, very large hail, & loud thunder. Finer, evens and night.		Thunder and large hail.	05
	-82	W <sub>5</sub> .	42					15
		WNW <sub>4</sub> .	48					
Tu. 24.	-95	NW <sub>2</sub> .	29		Frost early, the day chiefly fair with sun & rocky clouds. Wind very keen and unpleasant. Some snow during night.		new moon 6.59 am.	
	30.04	NW <sub>3</sub> .	35					
		NW <sub>2</sub> .	44					
W. 25.	-15	NW <sub>2</sub> .	28		Frost early. Fine day the forenoon, bright the afternoon hazy, and evening more so.		* 8 9	
	-20	NW <sub>1</sub> .	37					
		S <sub>1</sub> .	47½					
Th. 26.	-01	S <sub>2</sub> .	33½		Snow & rain early, then light rain till 10 am, afterwards fine & little gleams of sun, and very mild again. Fine night.		Δ h <sup>o</sup>	30
	-01	SW <sub>1</sub> .	38					
		W <sub>3</sub> .	56					
F. 27.	-13	WNW <sub>2</sub> .	38½		Bright with flying clouds, and drying breeze. More windy & colder from and after 3 pm.			
	-27	WNW <sub>3</sub> .	45					
		N <sub>4</sub> .	53					
S. 28.	-43	N <sub>3</sub> .	38		Grey clouds & some sun with cool breezes. The evens fine & much less wind.			
	-62	N <sub>2</sub> .	43					
		NE <sub>1</sub> .	48					

4.21.60 242350 (Mean Temp 42° 28.) Rain c<sup>up</sup> 2.55

592 = About the Average.



# March 1868.

March.	Baro. inches.	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	Notes.	Rain inches.
Su. 29.	30.65	NE 1.	30	39	Frost early, very fine bright and pleasant day, and clear & serene evening, and night with some frost.	2.55
	-63	E 1.		52		
M. 30.	-59	E 0.	28½	39	Frost early, hazy from 5 am: but very bright from 10 am, & nearly calm.	
	-55	E ½.		52½	A red column of light upward from sun after set.	
Tu. 31.	-50	Var. 0.	27		Frost early, very fine, & bright day, with a light haze, but warm & pleasant. Evening also calm & clear, except haze.	
	-49	W ½.		38		
		W ½.		57		
18.3.41			8.55	16.13	Mean 3 days 41.16.	Rain - 2.55

Barometer.  
Highest on 29<sup>th</sup> — 30.65  
Lowest on 8<sup>th</sup> — 29.11  
Range — 1.54  
Mean of month 30.04  
Gales on 4 Days.

Thermometer.  
Highest on 14<sup>th</sup> & 21<sup>st</sup> — 58°  
Lowest on 31<sup>st</sup> a.m. — 27°  
Range — 31°  
Mean daily range 14.91  
Mean of month 43.7  
1¾ above Average nearly.

Prevailing winds S.W., and W.; Fine days 18;  
and depth of rain 2.55 Inches.

# Summary, Notes, March 1868.

This was altogether a still and growing month, with frequent changes, and a good proportion of rain, very little frost, and much electric commotion. Public health on an average, and all the earlier sorts of spring flowers on bloom, even the Cowslip, before the month's end! — The fruit trees, and flowering shrubs exhibited their blossom buds in half expanded form, and all was preternatural. The yellow Butterfly appeared on 31<sup>st</sup>, and eggs of the Thrush and Blackbird were found in the former part of the month. Much thunder on the 5<sup>th</sup> 8<sup>th</sup> 17<sup>th</sup> & 23<sup>rd</sup> in many places, and very large hail with that of the 23<sup>rd</sup>. — On 30<sup>th</sup> after sunset a remarkable column of red light was visible for some time, quite erect from the sun, similar to that of May 29. 1846, just when the great heat and drought began.



APRIL \* 1868.

M.	April	Baro.	Wind.	Thermom't.	Thermom't.	Weather &c.	notes.	Rain.
		meter		Land.	Air.			
Su.	W. 1.	30.45	W <sub>1</sub>	41	9			
			W <sub>1</sub>	48	4			
		-46	NE <sub>1</sub>	56	5			
Th.	2.	-52	NW <sub>1</sub>	35				
			W <sub>1</sub>	49				
		-53	SE <sub>1</sub>	59				
Tu.	F. 3.	-42	SE <sub>1</sub>	33				
			SE <sub>2</sub>	50				
		-31	SE <sub>2</sub>	60				
S.	4.	-22	SE <sub>0</sub>	31				
			S <sub>1</sub>	52				
		-14	S <sub>1</sub>	67				
Th.	Su. 5.	-15	NW <sub>1</sub>	37				
			W <sub>2</sub>	52				
		-13	SW <sub>1</sub>	64				
			W <sub>1</sub>					
M.	6.	-04	SW <sub>3</sub>	42				
			W <sub>4</sub>	55				
		-05	W <sub>2</sub>	59				
			SW <sub>1</sub>					
Tu.	7.	-01	SW <sub>1</sub>	35				
			SSW <sub>2</sub>	52				
			S <sub>1</sub>	65				
		29.79						
		42.322		254	430	Mean 48.857.		

684 = Nearly  $3^{\circ}$  above Average.

APRIL \* 1868.

April.	Baro.	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Weather, &c.	notes.	Rain.
W. 8.	29.60	SW <sub>1</sub>	41½		Shower early AM: cloudy & close till 12, afterwards rocky clouds & sun, till 3, then cloudy & cold wind sudden fall of temperature 35	884	'09
	53	W <sub>2</sub>	50				
		NW <sub>3</sub>		56			light rain evening
		N <sub>4-5</sub>					'01
Th. 9.	79	NE <sub>3</sub>	35		Clouds & sun, with a brisk wind, and some stormy clouds at a distance, & some hail, sure, and showers at night. 38		'02
	94	N <sub>5</sub>	44				
		NW <sub>2</sub>		49			
F. 10.	30.06	N <sub>2</sub>	30½		Rocky clouds & sun, with cool breeze. Evening chiefly clear, and nearly calm. but some change at 11. 39	Good Friday	'10
	13	N <sub>2</sub>		44			
		N <sub>1</sub>		50			
S. 11.	13	NW <sub>1</sub>	32		Showers early, cold & cloudy with little sun, but brighter after 2 pm and a clear and cold evening. 35	87h	'04
	16	NE <sub>2</sub>	45				
		NE <sub>1</sub>		47			
Su. 12.	12	NE <sub>2</sub>	32		Cold and cloudy, with little intermission all day alike, and the evening & night the same. 38	Easter Sunday	
	10	NE <sub>2</sub>		40			
		NE <sub>2</sub>		42			
M. 13.	11	NE <sub>3</sub>	36		Cloudy more or less, little sun at times, and a cold wind. Overcast, misting sun 39		'02
	12	NE <sub>2</sub>	42				
		N <sub>2</sub>		45			
Tu. 14.	26	Var.	32		Fog early, cleared off at 9 am, bright with some clouds at times, but, very fine day. - 45	moon last Dr 10.34 pm. Δ 8h	
	35	NE <sub>1</sub>	47				
		N <sub>1</sub>		56			
	42.040		239	345	Mean 41.71.)	Rain c. over - 0.28	

584 =  $4\frac{1}{4}$  below Average.



# APRIL 1868.

April.	Baro. meter	Wind.	Thermom. Lowest.	9 am	Thermom. Highest.	Weather, &c.	at 8 pm.	notes.	Rain
W. 15.	30.42	Var. S E S 1.	32 49 62			Clear, very bright and warm day, & nearly calm. Even- ing hazy & closer.	51		0.28
Th. 16.	-24 -13	W. NW. NW.	45½ 54 57			Cloudy, more or less all day, little rain at times, and more in the Evening.	51		0.4 0.4
F. 17.	-09 -02	NW. NW. S E.	46 50 56			Cloudy, more or less rain in the afternoon and all the Evening, and part of night.	50		32
S. 18.	-02 -01	E. ESE. S E.	42 48 52			Overcast morning & chiefly cloudy till after 2 pm, then sun at times, but cloudy night.	47	Δ 8½ Δ 8½	
Sa. 19.	29.70	S E. S E. SSE.	42 50 57			Cloudy & gusty with some rain at times. little sun at 2 & 3 pm. but the evening rainy & overcast.	50	6 8 8	12 40
M. 20.	-06 -39	S. SW. SW.	45 51 54			Blowing hard early a m., and a squall & showery day, but fine & clearer even.	49		0.7
Tu. 21.	-48 -83	SW. SW. WSW.	44 57 62			Stormy rain early. cleared after 8 am; but blowing hard yet warm & bright close evening.	54	□ 8 H	29
41830 29654005 Mean 49°.78. Rain 1.56									

697 = Nearly 4° above  
Average.

carried up

# APRIL 1868.

April.	Baro. meter	Wind.	Thermom. Lowest.	9 am	Thermom. Highest.	Weather, &c.	at 8 pm.	notes.	Rain
W. 22.	29.89	SW. SW. SW.	49 57 61			Close & cloudy with little sun at times. warmest near 4 pm. Close & cloudy even- ing, and night.	56	new moon 8.20 pm. Cuckoo sang 6 am.	1.56
Th. 23.	-75 -87	SW. SW. SW.	49 56 61			Flying showers, and sun at times, wind gusty but warm; and cloud. Thunder SW, 4 pm. fine evening.	50	Thunder loud in SW at 4 pm.	0.4
F. 24.	-80 -70	S. S E. S E.	42 55 60			Close & some rain at 8, then finer & some sun till noon, more hazy PM, but fine with dis- tant stormy clouds.	50	□ 8 H	0.2
S. 25.	-93 30.20	NW. NW. S E.	44 50 56			Cloudy, with but lit- tle sun, but brighter after 4 pm, and plea- sant. Even & night.	49	Nightingale more tuneful.	
Sa. 26.	-27 -32	W. Var. SSE.	42 53 60			Electric haze, & some clouds till near noon, afterwards bright and warm. & a bright evening.	50	very fine.	
M. 27.	-30 -04	S E. S. SW.	37 54 62			Bright, with light haze, more hazy from 11 am, & some clouds. Overcast. Rain from 4 till 6. then finer.	50		1.3
Tu. 28.	-19 -06	WSW. SW. SW.	37 49 58			Clouds & sun, but at times breezy and hazy. The Evening more hazy but less wind. Close & blowing night.	50		
42078 300418 Mean 51°.28. Rain cald over 1.75									

718 = 5° above Average.



# APRIL 1868.

Baro. April. meter	Wind.	Thermom. 9 <sup>th</sup> am.	Thermom. at 8 pm.	Notes	Rain
W. 29.30.11	SW 4.49	57	64	Breezy, but warm, strong gusts at times, but fine & sunny all day, and a clear evening. Wind abating, but still gusty. —	1.75
Th. 30. -03	W 6.48	58	66	Bright & warm, but very windy. Less wind after 3 pm, and became hazy all the evening. —	
-19	WSW 3				
120.51		97/130		Mean 2 Days 56.75.)	Rain = 1.75

## Barometer.

Highest on 2<sup>nd</sup> — 30.53.

Lowest on 20<sup>th</sup> — 29.06

Range 1.47

Mean of Month 30.04

Gales on 4 Days. —

## Thermometer.

Highest on 4<sup>th</sup> — 67°.

Lowest on 10<sup>th</sup> am — 30.5

Range — 36.5

Mean daily range 17.56

Mean of month 48.5

2½ above Average. —

Prevailing winds SW, SE, & NE. —

Fine days 18. Depth of Rain 1.75 Inch.

# Summary Notes, April 1868.

This was a very variable month, yet with a temperature above the Average, and but a moderate amount of Rain. Vegetation went on, and after the growing weather of the two previous months, the combined effects produced a very early spring. Many kinds of trees opened leaf, and some fruit trees bloomed well, and even Hawthorns exhibited blossom at the month's end! —

Scarlatina prevailed with many fatal results among the young, and bronchial disorders, and rheumatic attacks were likewise very prevalent all this period. Wheat fields very verdant, and promising in luxuriance of blade.

Much thunder in many places on the 7<sup>th</sup> 17<sup>th</sup> 23<sup>rd</sup> and 24<sup>th</sup>. —



# MAY 1868.

May.	Baro- meter	Wind.	Thermom. at 9 am.	Thermom. at 8 pm.	Notes	Rain.
Fr. 1.	30.29 -37	SW <sub>3</sub> SW <sub>2</sub> SW <sub>1</sub>	49 61 67		Bright with light clouds very warm, fine, and pleasant. The Evening nearly calm, and very warm. — 58	* ♀♀
S. 2.	-37 -22	SW <sub>1</sub> SSE <sub>2</sub> SE <sub>1</sub>	40 61 70		Quite clear, very bright, and hot, with a gentle wind at times. The Eve- ning also bright, and a golden sunset. — 55	very fine & hot.
Su. 3.	-07 29.99	SE <sub>1</sub> S <sub>1</sub> SW <sub>1</sub> N <sub>5</sub>	44 67 79		Bright, lovely & warm morn'g; very bright and hot day, the evening the same, & a pure orange sunset. A gale N at 8 pm. — 68	very fine & hot. Sudden gale N at 8 pm.
M. 4.	30.12 -21	N <sub>2</sub> NE <sub>2</sub> NE <sub>2</sub>	46 57 64		Bright with small clouds, light haze, and cooler breeze. Fine & clear night. — 48	Hawthorn in bloom.
Tu. 5.	-28 -32	ENE <sub>2</sub> E <sub>3</sub> E <sub>3</sub>	38 54 58		Bright with small clouds, and cool breeze: very great & sudden change. clouds & breeze all the night. — 44	
W. 6.	-38 -30	E <sub>3</sub> E <sub>3</sub> E <sub>2</sub>	40 52 58		Clouds & sun, very cool breeze, but fine and fresh- ening. Evening hazy & calm, but a very fine night. — 44	Full moon 6.37 pm. △ 4 1/2
Th. 7.	-17 -11	SE <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	35 57 67		Bright and very plea- sant & warm from 9 am: cool and clear Evening. — 52	
423.20		292.463		Mean 53° 92. ) Rain none		
		755		= Slightly above Average.		

# MAY 1868.

May.	Baro- meter	Wind.	Thermom. at 9 am.	Thermom. at 8 pm.	Notes	Rain.
Fr. 8.	30.02 29.97	SE <sub>1</sub> SE <sub>2</sub> SE <sub>0</sub>	37 64 72		Very fine, bright, and pleasant, and very hot after 9 am, all day. Hazy and closer evening, but very fine night. — 60	□ ♀♀ * ♀ ♀
S. 9.	-92 -90	SE <sub>0</sub> SE <sub>2</sub> SE <sub>0</sub>	44 70 78		Bright and very hot, till noon, then sultry, and hazy. Dark clouds & little wet at 5. Distant Thunder and close night. — 62	11 am 78° Thunder 5 pm, in East. — 02
Su. 10.	-93 -98	SSE <sub>1</sub> S <sub>2</sub> SSE <sub>1</sub>	50 67 73		Some fog early, bright and very hot morn'g, and sultry afternoon, little rain 4 pm. and at times till after 10 pm. — 62	All trees shrubs &c in beauty. — 14
M. 11.	30.03 29.99	SE <sub>0</sub> SE <sub>2</sub> S <sub>2</sub>	49 64 68		Bright & lovely morning some clouds & wind after 11, but fine & pleasant. and a bright evening, & fine night. — 57	
Tu. 12.	30.03 -05	SE <sub>2</sub> SE <sub>2</sub> SE <sub>1</sub>	43 65 71 1/2		Bright with electric clouds, and some harinets, but very fine and hot, and the night very fine. — 61	
W. 13.	-18 -27	SW <sub>2</sub> SW <sub>2</sub> W <sub>1</sub>	46 67 70		Bright, and hot, with a fresh breeze, and cu- muli clouds. Less wind in the evening, grey clouds & very fine. — 60	
Th. 14.	-39 -42	W <sub>1</sub> WSW <sub>1</sub> SW <sub>0</sub>	50 63 73		Cloudy & close morn'g; clearer after 11, bright and hot, with some clouds. Lovely evening, bright, & warm. — 65	moon lost 2 <sup>nd</sup> 5.15 pm.
421.08		319.5055		Mean 58° 89. — ) Rain 0.16		
		824.5		= 5 1/2° — above Average.		



# MAY 1868.

May	Baro. meter	Wind	Thermom. 9 <sup>h</sup> am	Thermom. at 8 p.m.	Notes	Rain.
				Weather, &c.		0.16
F. 15.	30.42	SSE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	49 68 76		Fog till near 8 a.m., then bright, and very hot, with electric cumuli. Evening also bright & orange sunset. - 64	80 & 8 h M
S. 16.	-20	SE <sub>1</sub> E <sub>1</sub> NE <sub>2</sub> E <sub>1</sub>	50 67 70		Bright, with electric clouds, & haze, hot morn'g, but cloudy & cooler after 12. Even'g & night clear, & cloudy. - 60	
Su. 17.	-24	NE <sub>2</sub> E <sub>2</sub> E <sub>2</sub>	52 63 68		Cloudy morn'g, bright after 8, so continued all day, but a cooler breeze than before. Clear night. - 57	
M. 18.	-32	E <sub>2</sub> E <sub>2</sub> E <sub>1</sub>	43 63 72		Bright & parching without a cloud all day, & hot. Slight haze in the Even'g & sky. - 59	8 & h
Tu. 19.	-21	SE <sub>1</sub> SSE <sub>2</sub> SE <sub>1</sub> SE <sub>1</sub>	53 74 86		Bright & very hot from sunrise, and the heat became excessive from 10 a.m. Small knotty electric cumuli all evening. - 70	10 a.m. 78° 11 1/2 a.m. 84° 1-2 p.m. 86° 5 p.m. 79°
W. 20.	-07	S <sub>1</sub> SW <sub>2</sub> WSW <sub>3</sub> SW <sub>0</sub>	59 75 83		Small electric clouds, bright & excessively hot, slight change after 11 a.m. Electric beds of cloud till 7, then a clear night. - 66	* 8 1/4 10 a.m. 79° 11 a.m. 83°
Th. 21.	-11	SW <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	48 66 73		Very bright morn'g, and the day bright & hot, with cumuli clouds. Even'g hazy but fine. - 61	Dog rose in bloom!
422.87		354.528		Mean 63°! Rain car up 0.16		
		882		9° above Average nearly.		

# MAY 1868.

May	Therm. Baro. meter	Wind	Thermom. 9 <sup>h</sup> am	Thermom. at 8 p.m.	Notes	Rain.
F. 22.	30.01 29.90	SW <sub>1</sub> SSW <sub>2</sub> SSW <sub>2</sub>	52 61 67		Cloudy with some sun, close & lowering P.M. gentle rain in the Eve- ning at times. Sultry ning & more wind. - 63	new moon 6.36 a.m. 08
S. 23.	-80 -67	SSW <sub>3</sub> S <sub>4</sub> SW <sub>3</sub>	56 64 64		Close, lowering, and squally, with some gen- tle rain in the afternoon. Even'g bright & few clouds. 59	8 h 0 09
Su. 24.	-86 -82	SW <sub>1</sub> S <sub>2</sub> SW <sub>3</sub>	42 55 62		Cloudy, gentle rain at times till 11 a.m., then fine with little sun in the af- ternoon. Even'g overcast & light rain till 9. - 59	20 11
M. 25.	-85 -98	SW <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub>	53 59 68		Sultry & close morn'g; and little rain at 9, but a warm sunny noon & afternoon, and eve- ning. - Night fine. - 61	03
Tu. 26.	30.13 -73	SW <sub>2</sub> SW <sub>3</sub> SW <sub>0</sub>	47 62 72		Bright and hot, with fresh breeze, & small cu- muli. Even'g brilliant and wind calm. - 63	
W. 27.	-21 -29	SW <sub>2</sub> SW <sub>3</sub> SW <sub>2</sub>	48 66 73		Bright with some light clouds, and hot, with pleasant breezes. Eve- ning chiefly clear, and less wind. - 64	
Th. 28.	-36 -33	Var. SW <sub>1</sub> S <sub>2</sub> S <sub>1</sub>	47 66 79		Very bright, with a few small clouds, and very hot. Even'g quite clear & brilliant sunset. - 64	moon 1st Dr 11.42 p.m. * 240
420.34		345.485		Mean 59° 28. - Rain — 0.67		
830		5 1/4° above Average. carried over				



# MAY 1868.

May.	Baro- meter	Wind.	Thermom. Lowest	9 am	Thermomites at 8pm.	Notes.	Rain
F. 29.	30.23	SE.	52			Very bright morn'g, but after 8 - hazy & very hot & sultry. Thunder distant in S.W. and 3 severe storms here from 6 till 8 pm, more in S.E. till 11 pm.	Rain & severe lightning & violent thunder eleven 3.
	-07	SE.		72	76 1/2		40
S. 30.	-07	NW.	58			Bright and very hot, & more so all the afternoon. Some electric clouds in the evening. - Fine night, but rather hazy.	
	-17	W.		68	76		
		SE.					
Su. 31.	-21	E.	52			Hazy till after 8, then bright, and hot, with light clouds. Even'g clear except a light haze.	
Whitsun.	-19	SE.		64	73		
		SE.					
	180.94		162	225.5	Mean 3 days 64.58		Rain 1.07

## Barometer.

Highest on 14<sup>th</sup> & 15<sup>th</sup> - 30.42

Lowest on 23<sup>rd</sup> - 29.67

Range = 0.75

Mean of month 30.13

No gales during the Month.

Prevailing winds the S.E., and S.W.

Fine days 25<sup>th</sup>. Depth of Rain 1.07 Inchs.

## Thermometer.

Highest on 19<sup>th</sup> - 86°

Lowest on 7<sup>th</sup> m - 35°

Range = 51°

Mean daily range 23.38

Mean of Month 59.33

Fully 6° above Average - the hottest May for 20 years!

## Summary Notes. May 1868.

This month was notably hot and dry; a perfect summer in itself. No similar instance for 20 previous years, and in the 98 years past; three cases only of so hot a May occurred which were in 1833, 1841, & 1848.

A most remarkably early Spring, and all nature in fullest splendour of leaf, and bloom, equal to an ordinary Midsummer! The Hawthorn fully bloomed at the opening of the month, and even the Dog-rose - the last of all flowers to complete the Midsummer scene, was open by the 21<sup>st</sup> of this month.

In short it was a magnificent May, and at once completing the work of vegetation, which had all along been forward from the beginning of February. Public health on the Average. The thunder-storms on 19<sup>th</sup> night were severe in Lancaster & York counties; and on 29<sup>th</sup> much awful thunder &c prevailed over many parts of England, & here in Suffolk. —



# JUNE \* 1868.

June.	Baro- meter	Wind.	Thermom. Lowest 9 a.m.	Thermom. Highest 8 p.m.	Weather, &c.	notes.	Rain.
M. 1.	30.15 -12	SE <sub>1</sub> SE <sub>2</sub> E <sub>1</sub>	46 66 72		Bright and hot, with pleasant breeze, and small clouds. - Clear Even <sup>g</sup> , & easy sunset. 61		
Tu. 2.	-09 -07	S <sub>2</sub> SW <sub>2</sub> W <sub>1</sub> W <sub>3</sub>	47 63 67		Hazy and close, very little sun. Cloudy, little rain 2 p.m. & again at 4 p.m. - Even <sup>g</sup> clearer, & fine. Cloudy night. - 58		03
W. 3.	-18 -20	W <sub>2</sub> W <sub>2</sub> SE <sub>1</sub>	49 61 75		Bright and hot, with cumuli clouds, the Even <sup>g</sup> close & rather electric, fine night. 62		
Th. 4.	-15 -12	S <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	49 60 64½		Hazy and cloudy, more or less; little rain at 1 & 2 p.m. & in the Even <sup>g</sup> very hard, from 9 to 10 p.m. then fine night. 60		02 40
F. 5.	-21 -33	NW <sub>1</sub> NW <sub>2</sub> SE <sub>1</sub>	49 60 72½		Bright and hot, with a few small clouds, & the P.M. nearly calm. Wind overcast 3½ p.m. to 6 p.m. Some fog in the night. 61	Full moon 6.55 a.m. * ♂ H	
S. 6.	-32 -27	S <sub>1</sub> SW <sub>2</sub> WSW <sub>1</sub>	51 65 77		Bright and very hot, a few small clouds, and fresh breeze at times. Even <sup>g</sup> very brilliant & hot. Sultry night. 70		
Su. 7.	-30 -27	W <sub>1</sub> NW <sub>3</sub> NW <sub>3</sub>	59 66 71½		Hazy, sultry & electric till 9 a.m., afterwards cloudy & cooler wind. Afternoon bright with clouds & more wind. 59	□ ♀ 4	
422.78			350.4995		Mean 60.67. ) Rain cal <sup>d</sup> up - 0.45		
			84.95		= 2¼° above Average.		

# JUNE \* 1868.

June.	Baro- meter	Wind.	Thermom. Lowest 9 a.m.	Thermom. Highest 8 p.m.	Weather, &c.	notes.	Rain.
M. 8.	30.30 -28	NW <sub>3</sub> NW <sub>2</sub> W <sub>½</sub>	45 59 68		Bright with cumuli clouds, and cool breeze. More clouded & little rain 5 p.m., less wind, and hazy evening. Fine night. - 60		01
Tu. 9.	-29 -28	W <sub>1</sub> W <sub>1-2</sub> W <sub>1</sub>	46 60 69		Hazy, grey clouds, & sun; afternoon chiefly bright, warm and pleasant. Evening hazy, and close, and nearly calm. - 62		
W. 10.	-32 -27	SE <sub>2</sub> SE <sub>2</sub> S <sub>1</sub>	48 61 72		Cloudy, morn <sup>g</sup> , but most of the day bright and hot. More hazy from 4 p.m. Clearer night. - 64		
Th. 11.	-27 -33	NW <sub>1</sub> W <sub>1</sub> Var <sub>1</sub> SE <sub>1</sub>	47 64 75		Bright, and very hot till 2 p.m., then cloudy more or less. & wind varying to E & SE, but calm at times. 63		
F. 12.	-33 -35	W <sub>2</sub> W <sub>1</sub> SE <sub>1</sub>	50 63 77		Cloudy morn <sup>g</sup> , bright after 10 a.m., & very hot, with a few small clouds, and a brilliant Evening, with light haze. - 66		
S. 13.	-35 -32	W <sub>1</sub> W <sub>1</sub> S <sub>1</sub> S <sub>1</sub>	49 70 84		Very bright and extremely hot, no cloud & nearly calm. Very sultry Even <sup>g</sup> , hazy and discolored electric clouds. - Fine night. 72	moon last, Dr 10.14 a.m. Δ ♀ H, * ♂ S	
Su. 14.	-35 -29	SE <sub>2</sub> S <sub>1</sub> SW <sub>1</sub>	55 72 84		Very bright, and extremely hot, some blue haze at 4 p.m., evening & night, very fine & sultry. - 74	Excessive heat con- tinued.	
424.33			340.529		Mean 62.07. ) Rain cal <sup>d</sup> up 0.46		
			86.9		= 4° above Average.		



# JUNE \* 1868.

June.	Barom. eter.	Wind.	Thermom. 9 <sup>h</sup> a.m.	Thermom. at 8 p.m.	Notes.	Rain 0.46
M. 15.	30.30	SW <sub>2</sub> WSW <sub>2</sub> SW <sub>1</sub>	56 68 78 <sup>2</sup>		Bright with cumuli clouds, and fresh breeze, but still very hot, & less wind after 1 p.m. - Very sultry eveng. -	
Tu. 16.	—42 —37	SW <sub>0</sub> NE <sub>1</sub> SE <sub>1</sub>	55 68 78		Close & sultry, very little wind. Very hot, & bright at mid-day, & again after 4 p.m. The evening rather hazy. -	
W. 17.	—30 —36	W <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	60 70 84		Sultry & close morning, bright after 8, and so all day and extremely hot. Sun set. up full glory. Clear night. -	at 12. 82° 2 p.m. 84° 4 p.m. 82° 5 p.m. 80°
Th. 18.	—41 —44	E <sub>2</sub> E <sub>3</sub> E <sub>2</sub>	52 68 73		Very bright, and hot but a brisk & cooler wind. Eveng and night much cooler than of late. -	58
F. 19.	—41 —34	E <sub>2</sub> E <sub>4</sub> E <sub>2</sub>	47 64 70		Bright with brisk wind, much cooler than of late. Evening clear also, & very fine. -	60
S. 20.	—21 —18	SE <sub>1</sub> SE <sub>2</sub> SE <sub>0</sub>	52 74 85		Bright and excessively hot, with a few small electric clouds. Distant Thunder & Lightning, 11 p.m.	new moon 2.45 p.m. 11 a.m. 83° 1 p.m. 85° lightning night.
Su. 21.	—13 —02	S <sub>0</sub> S <sub>2</sub> SSE <sub>2</sub>	63 76 85		Gentle rain at 2 & 3 a.m.; very bright from 0.05, an excessively hot day. Hazy eveng, much lightning Eastward at night. -	Excessive heat. Lightning at night.
4 2 4 2 4 38.5 55.33 Mean 67° 03! Rain cal. up 0.58						

938.5 = 9° Above Average!

# JUNE \* 1868.

June.	Baro- meter	Wind.	Thermom. 9 <sup>h</sup> a.m.	Thermom. at 8 p.m.	Notes.	Rain 0.58
M. 22.	29.89 —87	SW <sub>2</sub> S <sub>3</sub> SSE <sub>2</sub> S <sub>1</sub>	61 63 71		Rain from 2 till 4 a.m., lowering morning, but fine & some sun from 9 a.m., and stormy clouds at a distance; Evening very bright, and fine night. -	30
Tu. 23.	—92 —94	S <sub>1</sub> SW <sub>1</sub> S <sub>1</sub> & o.	51 67 74		Mixed clouds & sun, fine and hot, more hazy after 2 p.m., & knotty electric clouds, eveng chiefly bright, and very pleasant. -	64
W. 24.	30.09 —22	SW <sub>2</sub> WSW <sub>2</sub> W <sub>2</sub> SW <sub>0</sub>	50 68 76		Bright and hot, with cumuli clouds, & a fresh breeze. More clouds after 1 p.m., but close & hot, as before. Evening sultry & calm, with grey clouds. -	68
Th. 25.	—20 —32	SW <sub>2</sub> W <sub>2.3</sub> W <sub>2</sub> & o.	58 66 74		Cloudy and close morning, became bright after 11 a.m. hot afternoon, and chiefly bright. Evening the same and truly lovely. -	68
F. 26.	—45 —48	W <sub>0</sub> W <sub>1</sub> SE <sub>2</sub>	51 67 80		Very bright, and very hot, with gentle wind, & a few small clouds. Evening very brilliant, but a cooler breeze & more Eastward. -	Black currants ripe all this week! 63
S. 27.	—42 —30	SW <sub>1</sub> W <sub>1</sub> W <sub>1</sub> & o.	52 72 86		Some clouds till 9 a.m., afterwards very bright, and excessively hot. - 11 a.m. 83°, 2 p.m. 86°, 5 p.m. 82°, 7 p.m. 78° Sultry & hazy night. -	moon 1st Dr. 5.51 a.m. Excessive heat.
Su. 28.	—33 —42	N <sub>1</sub> N <sub>2</sub> N <sub>1</sub>	62 65 67		Cloudy more or less all day, & cooler breeze, but very fine & pleasant. Evening at times bright. -	* & ♂ 62
4 2 2 85 38.5 52.8 Mean 65° 21! Rain cal. over 0.88						

913 = 7° Above Average.



# JUNE \* 1868.

June.	Baro. meter	Wind.	Thermom. at 9 <sup>h</sup> am.	Thermom. at 8pm.	Notes.	Rain
M. 29.	30.48	NE <sub>2</sub>	54		Cloudy with sun at times, and a cool breeze. Evening very bright, no cloud, and less wind. Clear night.	0.88
	-45	NE <sub>2</sub>	61			
		NE <sub>1</sub>		68		
Tu. 30.	-43	NE <sub>2</sub>	46		Cloudy more or less, and but little sun, with a brisk and cool breeze.	
	-40	N <sub>3</sub>	65		and very cloudy night.	
				58		
12176			100	133	Mean last 2 days 58°.25.	Rain 0.88

## Barometer.

Highest on 26<sup>th</sup> & 29<sup>th</sup> - 30.48

Lowest on 22<sup>nd</sup> - 29.87

Range - 0.61

Mean of Month 30.266.

No gales during the Month.

Prevailing winds W, & SW; fine days 28!  
depth of rain only .88 of an Inch!

## Thermometer.

Highest on 27<sup>th</sup> - 86°

Lowest on 8<sup>th</sup> am - 45°

Range - 41°

Mean Daily Range 23°

Mean of Month 63°.36.

5¼° above Average.

# Summary Notes, June 1868.

This was a very notable month for severe drought, and great heat, and in the entire Century past, we have had but two instances fully to equal it, and those were June 1846, and 1858! But such a case of both May and June together as this year 1868, has scarcely ever been recorded, and after so long a period of high Temperature as has also prevailed even from the middle of January, the effects have attained a very unusual effect, in the having brought all vegetation to such a condition as perhaps has not been recorded before in the memory of all men now living! —

To wit that beans, not usually fit for the table till the close of July, were quite ready by the close of June, and black currants the same, these were ripe many days before the month's end, which is at least earlier than ordinarily by a full month or 5 weeks! Barley on light soils was burning away with no yield, while some on heavier land, promised fairly. Beans a very light and short crop, as were most of the clover and grasses for hay, but a fine time for securing them well. Wheat alone is promising well. Orchard and garden fruits scarce and blighted. Some currants scorched by the great heat of the Sun. Public health on a mean for the season. —



# JULY \* 1868.

July.	Baro. meter	Wind.	Thermom. Lowest 9 a.m.	Thermom. Highest 9 p.m.	Weather, &c.	Notes	Rain.
W. 1.	30.40	N <sub>2</sub> .	53		Cloudy morn'g till after 10, afterwards bright, and hot, and the evening also very brilliant: but the night cloudy after 9.	8 3/4	
		N <sub>3</sub> .	60				
	-37	N <sub>2</sub> .		72		62	
Th. 2.	-30	NW <sub>2</sub> .	55		Cloudy morn'g, but soon very hot, and bright, with a few light clouds. Even'g more clouded, and very close.	* 9 3/4	
		NW <sub>2</sub> .	64			lightning during night.	
	-23	NW <sub>2</sub> .		75		64	
F. 3.	-16	NW <sub>2</sub> .	57		Cloudy till 9 a.m., then bright, and very hot all day: but the evening cloudy, with a breeze & trifling rain in the night.	□ 4 0	
		N <sub>2</sub> .	65			62	6 H 0
	-13	N <sub>2</sub> .		77		62	
S. 4.	-10	NNE <sub>2</sub> .	55		Cloudy & slight rain at times, in the morn'g. Finer after 10 a.m., but cloudy & cool. Fine night, and chiefly clearer than even'g.	Full moon 8.39 p.m.	02
		NE <sub>3</sub> .	59			55	
	-13	N <sub>2</sub> .		63 1/2		55	
Su. 5.	-13	WNW <sub>2</sub> .	52		Cloudy morn'g, more bright from 10 a.m.; till after 1 p.m. Some dark clouds all p.m., and a shower at 7. Close even'g. Fine night.	lightning at night.	10
		W <sub>2</sub> .	63			62	
	-12	W <sub>2</sub> .		72		62	
M. 6.	-13	NW <sub>2</sub> .	54		Bright, with cumuli clouds, very fine summer's day, & exceedingly pleasant.		
		NW <sub>1</sub> .	63		Fine night & chiefly clear.	64	
	-21	S <sub>2</sub> .		71 1/2		64	
Tu. 7.	-23	W <sub>1</sub> .	52		Bright with light electric clouds, and very hot. Even'g hazy, calm, and very sultry, but a fine night.	Δ 9 1/2	
		W <sub>1</sub> .	66				
	-25	S <sub>1</sub> .		77		70	
		& O.					
42289			378508		Mean 63° 28.	Rain cal' over 0.12	

886

— About the Average. —

# JULY \* 1868.

June.	Baro. meter	Wind.	Thermom. Lowest 9 a.m.	Thermom. Highest 9 p.m.	Weather, &c.	Notes	Rain.
W. 8.	30.25	W <sub>1</sub> .	55		Very bright, and excessively hot, few clouds, & very little wind. Sun set red & clear, night cloudy till 11, then serene & clear.	11 a.m. 80 noon 82 1 1/2 p.m. 84	
		SW <sub>1</sub> .	71				
		S <sub>1</sub> .		84			
	-24	SE <sub>1</sub> .				73	
Th. 9.	-28	SE <sub>1</sub> .	56		Very bright, and excessively hot, but after 12 more wind and somewhat cooler, the evening clear, but fog rising in the East.	10 a.m. 81. noon 83. 2 p.m. 84.	
		SE <sub>1</sub> .	74				
	-32	SE <sub>3</sub> .		84		70	
		& 2.					
F. 10.	-33	NE <sub>1</sub> .	56		Fog early & till after 7, then bright, with light clouds & a fresh breeze, but very hot. Even'g very clear & O set also.		67
		E <sub>2</sub> .	71				
	-35	E <sub>1</sub> .		80			
S. 11.	-35	NE <sub>2</sub> .	58		Bright with light clouds, but very hot all day, and chiefly quite clear after 11 a.m.	lightning 11 p.m.	
		NE <sub>3</sub> .	69		Red streaked sunset and hazy in South.	65	
	-33	NE <sub>2</sub> .		77			
Su. 12.	-27	NE <sub>2</sub> .	57		Heavy & distant Thunder in S, till after 9, then bright and very hot, with a brisk wind. much lightning & thunder in S. S.E., & S.W. all night.	Thunder in S, all morn'g & even'g with lightning.	
		NE <sub>3</sub> .	67				
	-27	NE <sub>2</sub> .		78		65	
M. 13.	-24	NE <sub>2</sub> .	57		Bright & very hot, with a brisk parching wind. The evening also very brilliant: very distant thunder clouds in S & all the evening.	moon last Dr 0.40 a.m.	
		NE <sub>3</sub> .	69			66	
	-23	NE <sub>2</sub> .		78			
Tu. 14.	-25	NE <sub>2</sub> .	57 1/2		Very bright, and extremely hot, with a fresh breeze at times. Clear evening and night.	At moon 80° 1 1/2 p.m. 81 1/2.	
		NE <sub>2</sub> .	70				
	-20	ENE <sub>2</sub> .		81 1/2		70	
					much lightning in S & E.		
42391			39635623		Mean 68° 5.	Rain cal' over 0.12	

959!

— 5 1/2° - above Average! —



# JULY \* 1868.

July.	Baro. meters	Wind.	Thermom. at 9 am	Thermom. at 8 pm	Notes.	Rain 0.12
W. 15.	30.15 -10	NE. SE. SE.	57 78 91		Bright, without a cloud and most excessively hot. much lightning South at 10 & 11 pm. - Clear night. -	10 am 83.2 11 am 88° 1 pm 91° 3 pm 89° 5 pm 85°
Th. 16.	-10 -12	E. S. S.	55 80 94		Very bright, & most excessively hot, till after 2, then thunder clouds in West passing soon to North. Hazy & sultry soon lightning S. 10 pm. -	10 am 85° 11 1/2 - 89 1/2° 1 pm 93° 2 pm 94°
F. 17.	-12 -18	SW. W. NW.	63 79 84		Bright with many mixed clouds from West, and more hazy about noon, but very hot. Evening sultry and serene. -	Harvest began. 72
S. 18.	-21 -12	SE. S. SW.	60 74 83		Hazy, but bright and very hot, with some electric clouds. Very sultry Evening, wind at 11 pm gusty with few heavy rain drops. -	Distant thunder in West. 9 pm. 77
Su. 19.	-12 -20	WSW. W. W. SE.	65 73 82		Very sultry breeze & cloudy morn'g, cleared up from 10 am. very hot and mostly bright the rest of the day. Fine hazy night. -	near moon 9.56 pm. 72
M. 20.	-22 -15	SE. SW. SW. SW.	57 74 88 1/2		Thin haze, but bright and extremely hot after 8 am, with brisk wind at times. Evening very sultry and op- pressive, night the same. -	11 am 84° noon 86° 2 pm 88 1/2° 79
Tu. 21.	-22 -22	WSW. W. SE. S.	67 82 94		Very bright, and most ex- cessively hot, the day through- out. A breeze in the Evening from S.E. - Night rather hazy. -	Δ 40° 10 am 86° 11 am 90° 2 pm 94° 5 pm 90° 81
42223			4246163		Mean 74° 32' - Rain cut up 0.12	

1040.5 = 11° Above Average!

This is the hottest week I ever recorded!  
and also the hottest Day - with the 16<sup>th</sup> Instant coupled.

# JULY \* 1868.

July.	Baro. meters	Wind.	Thermom. at 9 am	Thermom. at 8 pm	Notes.	Rain 0.12
W. 22.	30.22 -12	SE. SE. SE.	65 82 93		Very electric jagged cumula- strati at 6 am, then bright and most excessively hot all day. Thunder clouds in NW very distant all P.M. Even- ing & night oppressive. -	11 am 89° noon 91 1/2° 1 pm 92° 2 pm 93° 5 pm 85° 78
Th. 23.	-12 -42	W. NW. N. N.	69 71 71 1/2		Very sultry morn'g, till after 9, then much cooler, with clouds & brisk wind, but less in the Evening. - Very fine night & clearer. -	61
F. 24.	-52 -55	NE. NE. E.	55 65 71		Grey clouds and sun, with a cooling breeze. The Evening more clouded but very fine as before. -	61
S. 25.	-50 -39	E. E. E.	52 69 74		Bright and hot, with some light clouds, and brisk breezes at times. Evening very bright, and fine. -	63
Su. 26.	-25 -11	E. E. SE.	56 75 84		Bright, and very hot, with some cirri clouds, in ex- tensive forms. Very hazy & sultry from 3 pm, and dark electric clouds. Evening. -	moon. 1st Dr 1.52 pm. 71
M. 27.	-03 -02	W. W. SE. E.	62 76 87 1/2		Early A.M. some electric clouds, but after 8, very bright, and excessively hot; the Evening hazy & very sultry, sun very red at setting. -	11.20 - 85° 1 pm 87° 3 pm 87 1/2° 5 pm 84° 75
Tu. 28.	29.95 -82	SE. SSE. S. SW.	6 1/2 80 88 1/2		Bright, and excessively hot, with brisk wind A small cloud & thunder in SW, 5 pm. Fine Evening, and close night. Lightning N. 76	6 1/2 10 am 84° noon 87° max 88 1/2° 5 pm 84 1/2° 76
42302			42025692		Mean 70° 71' - Rain cut over 0.12	

990 = 7 1/4° Above Average!



# JULY \* 1868.

July.	Baro. inches	Wind.	Thermom. at 9 am	Thermom. at 8 pm	Weather, &c.	Notes.	Rain.
W. 29.	29.80	W <sub>1</sub> W <sub>2</sub> W <sub>0</sub>	60 67 73		Gentle rain at times from 2 till 6 am: afterwards fine with sun at times very pleasant day, after so long heat. Even 3 & 4 o'clock clear.		0.12
Th. 30.	30.10	W <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	49 69 81		Clear & dewy morn'g, very bright and very hot day, brisk wind at times, very bright Even'g, less wind & very hot.	very fine & hot.	
F. 31.	-20	W <sub>2</sub> W <sub>3</sub> S E	66 70 79		Very sultry morn'g, bright day & very hot, wind at times gusty, but less in the Even'g, and veered to S E. - Dewy night.	continued dry & hot as before.	
1805.5			175	233	Mean 3 Days 68° -	Total Rain -	0.32

## Barometer.

Highest on 24<sup>th</sup> — 30.55

Lowest on 29<sup>th</sup> — 29.80

Range — 0.75

Mean of Month 30.20

No Gales this month.

Prevailing winds W, N E; & S: — Fine Days 29!

Depth of Rain 0.32 of an inch only! —

## Thermometer.

Highest on 16<sup>th</sup> & 21<sup>st</sup> — 94°!!

Lowest on 30<sup>th</sup> am — 49° —

Range — 45

Mean daily range 21° 33.

Mean of Month 69° 08!!

Only 6° above Average!!

# The Notably hot July of 1868, Summary Notes.

This July was the most notable for excessive heat, and violent drought, of any on record; and the effects thereof will long be remembered: — First as relates to <sup>the</sup> very great number of deaths throughout England from either "Sun-stroke", or from sheer exhaustion under the great heat of the month: and secondly from the perfectly burnt up state of all the pasture lands, lawns, &c. Shrubs, and fruit-bushes also died from the drought, and the root-crops were to a great extent destroyed; and a great lack of water prevailed, causing great anxiety and inconvenience to farmers, respecting their live-stock! — Public health generally, besides what is above named, suffered much from Diarrhoea — Cholera, or from ordinary bilious attacks, with great loss of strength, and appetite all the month. Corn Harvest began about the 15<sup>th</sup> and was nearly ended in this month. Wheat superabundant and excellent, barley and peas fair, but beans and oats failed. —



# August \* 1868.

Aug.	Baro. meter	Wind.	Thermom. at 9 am	Thermom. at 8 pm	notes.	Rain
1 S. 1.	30.44	W <sub>1</sub> W <sub>2</sub> SE <sub>1</sub>	49 70 82		Bright and very hot; no cloud, and nearly calm; and the evening & night serene also. —	
2 Su. 2.	-35	SE <sub>2</sub> SE <sub>2</sub> SE <sub>1</sub>	55 76 87		Very bright, and excessively hot, nearly calm till 1 pm afterwards a little breeze, a few small electric dots of cloud. Very sultry evening and night. —	11.2 am 85° 1 pm 87°
3 M. 3.	-30	E <sub>2</sub> E <sub>2</sub> E <sub>2</sub>	60 77 83		Bright & extremely hot, with lines of dappled & electric clouds. — Even and night very fine & moon brilliant. —	Full moon 11.52 am
4 Tu. 4.	-14	E <sub>2</sub> E <sub>3</sub> E <sub>2</sub>	62 79 85		Very bright, and excessively hot, with a brisk wind at times. Sultry evening and night, sun set red in haze. Blue fog during night.	10 am 82° noon 84° 1 pm 85°
5 W. 5.	-05	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	62 82 90		Very bright, and most excessive ly hot, with a breeze at times. — Sun set in beds of cirri in various forms, but a very fine sultry night. —	noon 89° 1.3 pm 90°
6 Th. 6.	29.94	S <sub>2</sub> S <sub>2</sub> SSW <sub>3</sub>	62 72 77		Bright morning & very sultry but much cloud after 8 am. rain at 11 for 1/2 an hour: fine & hot. afternoon. Sultry Evening & dark clouds. —	Δ 4.0 72
7 F. 7.	-80	S <sub>2</sub> SW <sub>2</sub> W <sub>5</sub> W <sub>2</sub>	67 70 77 77		Hard rain at times from 4 to 6 am; and showery till noon; very hot, bright, & windy afternoon. Some clouds in the evening. —	30 14
421.92		418.5825		Mean 71° 46! Rain c. up 0.76		
		1000.5		94° above Average!		

# August \* 1868.

Aug.	Baro. meter	Wind.	Thermom. at 9 am	Thermom. at 8 pm	notes.	Rain
8 S. 8.	30.10	SW <sub>3</sub> SW <sub>3</sub> SW <sub>1</sub>	56 67 75		Bright, with flying clouds, and brisk wind: less in the evening, but some clouds about S & W horizon. —	
9 Su. 9.	-31	SSW <sub>1</sub> SSW <sub>1</sub> SSE <sub>1</sub>	54 69 77		Bright with light haze, and some clouds, but very hot: evening close and bars of electric and cloud in West at 8 set. —	Δ 8.4 Distant lightning all the night.
10 M. 10.	-17	SE <sub>2</sub> SE <sub>1</sub> SE <sub>1</sub>	61 71 78		Chiefly bright, & very hot, with electric knotty clouds. many meteors & fiery vapours during night. Some lightning. —	numerous meteors at night.
11 Tu. 11.	29.86	SE <sub>1</sub> S <sub>4</sub> SW <sub>1</sub> S <sub>2</sub>	62 73 80		Very rocky & electric in W, and much thunder in SW till 12, & a sudden shower at 11. Very hot all mid-day cloudy evening, and rain during night. —	moon last 20. 0.28 pm thunder at 11.
12 W. 12.	-82	SW <sub>3</sub> SW <sub>2</sub> SW <sub>1</sub>	56 67 74		Bright with cumuli clouds; less wind in the afternoon and hot. Evening more elec- tric, but a fine night. —	
13 Th. 13.	-79	SE <sub>1</sub> SE <sub>3</sub> S <sub>2</sub>	58 74 79		Bright with electric sky & sultry breeze till noon, then became hazy & cloudy, but very sultry. Thunder in E and N.E. all pm. showers here at 8. —	very sultry & electric. Thunder E & N.E.
14 F. 14.	-89	SW <sub>1</sub> S <sub>2</sub> SE <sub>3</sub> & 1.	56 67 75		Bright, with loose cumu- li clouds, but still hot. Wind breezy all pm, but a few bright evening & nearly calm. —	
419.67		404.5385		Mean 67° 32. — Rain cal. over 1.11		
		942.5		54° above Average! —		



# August \* 1868.

Aug.	Baro.	Wind.	Thermom. Lowest.	Thermom. at 9 am.	Thermom. at 8 pm.	notes.	Rain.
	meter.					Weather, &c.	1/11
S. 15.	30.05	SE 1.	62			Cloudy & sultry morn'g, but after 8, bright and very hot, with rocky cumuli. and very brilliant, and hot Evening. —	
	-10	SE 2.	72				
		SE 1.		81			72
Su. 16.	-05	E 2.	60			Cloudy & sultry morn'g, and gentle rain from 8 to 9 1/2 a.m. then fine, little sun, but chiefly cloudy. Even'g and night cloudy & misting.	04
	-02	NE 2.	68				
		NE 2.		71 1/2			65
M. 17.	29.92	NE 2.	63			Misting at times, and very cloudy & close: the afternoon fine & cloudy. Gentle rain during night.	Δ 8 24
	-82	NE 1.	66				
		N 4.		69			63
Tu. 18.	-79	SE 2.	60			Bright with electric clouds, new moon and very hot: more clouds & breeze in the afternoon. but less wind after 4 & all the Even'g.	5.11 a.m.
	-81	SE 2.	72				70
		SE 1.		77			70
W. 19.	-87	S 0.	63			Showers at 1 1/2 a.m. fine & sultry morn'g. very rocky clouds & showers. 3 pm. Close and calm Even'g; low clouds during night.	20
	-96	S 1.	70				70
		S 2.		73			65
Th. 20.	30.05	E 1/2.	60			Cloudy more or less, very little sun; more cloudy p.m., light rain from 3 1/2 pm, till near 6. and du- ring the night also. —	18
	-11	NE 2.	67				62
		N 2.		68			06
		N 1.					
F. 21.	-10	SE 0.	58			Hazy & dappled, with sun at times; very pleasant day. Dark electric clouds in the Even'g, and night.	
	-08	SE 1.	64				65
		SW 1.		70			
419.73		426.3095		Mean 66°.82. — ) Rain 8. up. 1.74			
		935.5		— nearly 5° above Average.			

# August \* 1868.

Aug.	Baro.	Wind.	Thermom. Lowest.	Thermom. at 9 am.	Thermom. at 8 pm.	notes.	Rain.
	meter.					Weather, &c.	1/74
S. 22.	29.80	S 2.3.	55			Very red & lowering morn'g and rain with clattering wind from 9 a.m. till 1 pm. afternoon fine, with sun, & flying clouds. Equally Even'g. Hard gale all night.	04
	-29	SE 5.	59				
		SE 6.		67			60
		SW 5.7.					
Su. 23.	-50	W 6.	54			Windy cloudy & rain at times, in the morn'g. Fine & sunny from 1 till 3. Then showery. and bright between. —	02
	-76	W 5.6.	55			Night fine & cooler. —	04
		W 2.		65			06
M. 24.	-87	W 2.	50			Clouds & sun, with a fresh breeze. — very fine, and temperate day. — Night ra- ther heavy and cool. —	
	-94	W 2.	62				59
		WSW 1.		66			
Tu. 25.	30.07	SW 2.	51			Bright with many clouds, and brisk breeze, but fine & pleasant. Even'g serene with grey haze.	moon 1st Dr 0.47 a.m.
	-15	W 3.	60				57
		W 2.		66			08
W. 26.	-27	SW 1.	47			Bright with light cumuli, and slight haze. More clouded after 3 pm, lower- ing Even'g, little rain. —	
	-18	SW 2.	61				61
		SW 2.		68			05
Th. 27.	-05	SW 3.	57 1/2			Cloudy, close & little rain in the morn'g, fine & sunny from 10 am: heavy shower at 11, hot sunny p.m. Clear & cooler night. —	
	-12	SW 2.	64				62
		WSW 2.		72			
F. 28.	-20	W 2.	50			Bright with many clouds at times, and very brisk wind. Cloudy evening, and less wind. —	08
	-27	W 4.	61				58
		W 3.		66 1/2			
419.47		364.54705		Mean 59°.64. — ) Rain 2. over 2.55			
		835		— 2 1/2 under Average.			



# August \* 1868.

Aug.	Bar. inches	Wind.	Thermom. at 9 am.	Thermom. at 8 pm.	Notes.	Rain inches
S. 29.	30.30	NW <sub>2</sub> NW <sub>2</sub> WNW <sub>1</sub> & o.	53 62 68		Clouds & sun, with a rather cool breeze, but fine and pleasant, and the afternoon very much so. Evening calm and hazy. - Fine night. -	2.55
Su. 30.	-26	W <sub>2</sub> WSW <sub>2</sub> SW <sub>0</sub>	52 62	75	Flazy morn'g, cloudy till noon, afterwards bright, with some light clouds, & very hot. Even'g calm, & sultry, with grey clouds. Moon lovely at 8 pm. -	
M. 31.	-22	W <sub>2</sub> SW <sub>1</sub> SW <sub>1/2</sub>	58 63	71	Morn'g cloudy & close: afternoon bright with cumuli clouds, very warm & pleasant. - Bright, calm, & lovely Even'g. -	* ♂♂
18157			163	214	Mean 3 days 62.83. Total Rain	2.55

## Barometer.

Highest on the 1<sup>st</sup> - 30.44

Lowest on 22<sup>nd</sup> 29.29

Range - 1.15

Mean of Month 30.03

Gales on 2 days.

## Thermometer.

Highest on 5<sup>th</sup> - 90° -

Lowest on 26<sup>th</sup> am. 47° -

Range - 43° -

Mean daily range 17.78

Mean of Month 65.97

Nearly 4° above Average.

Prevailing winds SE; S; SW; and E, nearly alike. -

Fine days 19: Depth of rain 2.55 Inches. -

# Summary Notes on August 1868.

This was also on the whole a very hot month, and a continuation of the great drought, till about the 18<sup>th</sup>, but on the 7<sup>th</sup> some rain partially fell, and from the 19<sup>th</sup> to the 27<sup>th</sup> refreshing showers were more generally experienced, so as to bring on a little of the verdure, so long lost. Corn Harvest was at an end about the 7<sup>th</sup> day, and proved the earliest on record. The wheat most abundant and good; a most merciful supply at a time when many other crops so greatly failed. - Many trees and shrubs were destroyed by the long drought, and tropical heat of this summer. Many large Elms standing by ponds, swats, or large ditches were dying all summer, for lack of the water which was never before fully dried up at their foot. The bark therefore cracked emitting some of the sap - which attracted around their bodies thousands of Wasps, Hornets and all kinds of bees, while their foliage withered and fell at the end of this month. - Typhus, Scarletina, Diarrhoea, &c prevailed much, among all classes. -



September 1868.

Sept.	Barom.	Wind.	Thermometer	Notes.	Rain.
	etc.		Lowest. 9 Highest. am.	Weather, &c.	
Tu. 1.	30.25	SW <sub>1</sub> , WSW <sub>2</sub> , W <sub>2</sub> , W <sub>0</sub> .	52 66 77	Bright and very hot all the mid-day. few light clouds, & a fresh breeze. Even <sup>g</sup> cloudy and close. but clear night & moon bright.	
W. 2.	30.45	W <sub>1</sub> , W <sub>0</sub> , SE <sub>1</sub> .	52 68 76	Very bright all day, and nearly calm. Very hot all the mid-day. Some cirri in the Evening.	Full moon 3.5 <sup>1</sup> / <sub>4</sub> am.
Th. 3.	30.34	SE <sub>1</sub> , SE <sub>1</sub> , S <sub>1</sub> .	54 <sup>1</sup> / <sub>2</sub> 69 80	Fog early, bright after 7 am. and continued very hot and clear all day. - some fog during night.	☐ ♂ 4 * ♀ 11
F. 4.	30.25	SW <sub>1</sub> , SW <sub>1</sub> , SW <sub>0</sub> .	56 73 83 <sup>1</sup> / <sub>2</sub>	Fog early, but after 7, very bright, and extremely hot, all day, and the Evening oppressive & clear & set.	11 <sup>1</sup> / <sub>2</sub> am 80° 1 pm 82° 2 pm 83 <sup>1</sup> / <sub>2</sub> ° 4 pm 81°
S. 5.	30.34	SW <sub>0</sub> , SW <sub>0</sub> , SE <sub>0</sub> .	56 74 85	Very bright and excessively hot all day, neither wind nor cloud perceptible. Sun set in full glory, and a most lovely night.	11 am 81° 1 pm 84° 2 pm 85° 4 pm 82°
Su. 6.	30.36	SE <sub>0</sub> , SE <sub>2</sub> , SE <sub>0</sub> .	56 75 85	Some fog early, but from 7 am, very bright, and excessively hot, no cloud, but breezy at times. Splendid Evening and glorious & set.	Δ ♀ h 11 am 83° 2 pm 85° 4 pm 83°
M. 7.	30.24	SE <sub>0</sub> , SE <sub>1</sub> , S <sub>1</sub> , S <sub>0</sub> .	55 <sup>1</sup> / <sub>2</sub> 77 88 <sup>1</sup> / <sub>2</sub>	Very bright and most excessively hot, some small clouds after 12, but continued oppressive heat all day and night. Electric Evn <sup>g</sup> .	* ♂ ☉ 11 am 86° 1 pm 88 <sup>1</sup> / <sub>2</sub> ° 4 pm 86°
42 44 44			38 2 57 5	Mean 68° 35 !	Rain none -
957 = 10° above Average of Sept.					

September 1868.

[illegible]



September 1868.

Sept. meter	Baro.	Wind	Thermom. Lowest.	9 am	Highest	Thermom. at 8 pm.	Weather, &c.	Notes.	Rain.
Tu. 15.	30.12	NE <sub>1</sub>	51				grey clouds, and sun at times till noon, afterwards more cloudy. Even <sup>g</sup> nearly calm, & very cloudy.	* ♂ ♀	0.00
	-72	NE <sub>2</sub>		61					
		NE <sub>½</sub>			65				
W. 16.	-11	NW <sub>0</sub>	52				Cloudy till near 9 a.m. afterwards chiefly bright till after 12, then closer with more clouds, but a fine sight.	new moon. 1.19 p.m.	
		W <sub>1</sub>		61					
	-04	Var <sub>1</sub>			68				
Th. 17.	29.99	E <sub>½</sub>	4½				Cloudy morn <sup>g</sup> , but after 10, more sun, very fine & pleasant. The evening cloudy, & cool breeze.	♂ ♀ 4	
	-89	E <sub>2</sub>		58					
		E <sub>2</sub>			66				
F. 18.	-75	E <sub>3</sub>	51				Hazy & electric. & a little sprinkling of rain at 10 a.m. afterwards bright & hot with rocky clouds. Short shower 3½ p.m. & rainy night.	Sightning East 8 p.m.	33
	-73	SE <sub>2</sub>		63					
		SE <sub>1</sub>			70				
S. 19.	-73	SE <sub>0</sub>	51				Very hazy & calm morn <sup>g</sup> , close day, & many heavy clouds. Showery after 3 p.m.; and heavy rain at times all the Even <sup>g</sup> , distant lightning.	Δ ♀ 4. mist rising from the hot earth after the rain.	45
	-68	SE <sub>2</sub>		61					
		SE <sub>1</sub>			64				
Su. 20.	-77	SE <sub>2</sub>	54				Bright with cumuli clouds, very fine and hot. More electric with dense rocky clouds from 4 p.m. Even <sup>g</sup> fine & more calm, foggy night.		
	-87	SE <sub>2</sub>		64					
		SE <sub>2</sub>			71				
M. 21.	-90	NE <sub>0</sub>	50½				Much fog early & till after 10, then bright, and hot till 3, afterward cooler, and rocky clouds, but fine even <sup>g</sup> & night.	□ ♂ H	
	-87	NE <sub>2</sub>		61					
		NE <sub>2</sub>			71				
	-87	NE <sub>2</sub>							
418.57			357	475			Mean Temp 59° 42.	Rain c. up - 0.78	
			832						

September 1868.

Sept.	Baro- meter.	Wind.	Thermom <sup>t</sup> Dew- point.	Thermom <sup>t</sup> at 8 pm.	Notes.	Rain.
			9 <sup>h</sup> 15 <sup>m</sup> Highest.			0.78
Tu. 22.	29.84 -82	NE <sub>2</sub> NE <sub>2</sub> N <sub>2</sub>	55 61 67		Heavy clouds early am, but became bright & hot all the middle of the day. Cloudy even, & little rain 8 & 9 pm.	.04
W. 23.	-81 -79	NW <sub>2</sub> NW <sub>3</sub> W <sub>1</sub>	54 60 63		Cloudy more or less, but bright at times, and a brisk wind. Hazy even, and wind calm. - Fine and cooler night.	moon 1st Br 3.22 pm. * 1/2 ☉
Th. 24.	-80 -82	W <sub>2</sub> W <sub>3</sub> W <sub>0</sub>	46 1/2 58 67		Bright with light clouds and a fresh breeze. The evening calm & hazy with some electric clouds, but very fine.	.58
F. 25.	-79 -55	SE <sub>1</sub> SE <sub>4</sub> S <sub>5</sub> S <sub>2</sub>	43 62 63		Fog early, close morning & fine till after 12, the afternoon windy with light rain, and heavier driffts till after 5 pm. - Fine night.	.25
S. 26.	-81 -85	SW <sub>1</sub> SW <sub>1</sub> S <sub>1</sub> SE <sub>1</sub>	49 60 68 1/2		Bright, with cumuli clouds, and gentle wind, very warm and pleasant. Very electric knotty clouds in the evening and a closer night.	.63
Sa. 27.	-70 -62	SE <sub>2</sub> SSE <sub>5</sub> S <sub>6</sub> S <sub>4</sub>	57 62 66		Close & electric, little rain early. Banks of rocky clouds in fresh till 9 am, afterwards bright, but a squally P.M. and galy at times.	.04
M. 28.	-63 -60	S <sub>2</sub> S <sub>3</sub> S <sub>3</sub>	54 61 64		Bright with flying clouds, thunder at noon, & little hasty showers. Evening fine & pleasant moonshine.	Thunder .03
41643			35854585	Mean 58° 35.		Rain 1.14
817 = Slightly above Average.						



# September 1868.

Sept.	Baro. inches	Wind.	Thermom. Lowest at 9 am	Thermom. at 8 pm	Notes.	Rain. inches
Tu. 29.	29.47 -50	SE 4 SSW 3 SW 2	54 60 64		Wet & squally morn'g till near 9, a bright forenoon, heavy storm of rain 1 pm & showery afterwards. - fine & clear night. -	20 08
W. 30.	-45 -50	SE 3 S 5 SW 2	51 59 62		Very squally, with sun at times, but frequent showers and much thunder in AM. W. & NW. Fine moonlight night. -	18
	117.92		105	126	Mean 2 days 57° 75.	Rain 1.60

## Barometer.

Highest on 9<sup>th</sup> — 30.52

Lowest on 30<sup>th</sup> — 29.45

Range = 1.07

Mean of Month 30.01

Gales on 3 Days. —

## Thermometer.

Highest on the 7<sup>th</sup> — 88½!

Lowest on 11<sup>th</sup> — 42

Range = 46.5

Mean daily range 18.28

Mean of Month 61° 15

3° above Average. —

Prevailing winds NE, SE, and South;

Fine days 22. Depth of Rain 1.60 In. —

# Summary Notes on September 1868.

The intense heat which set in at the beginning of May, continued to the 8<sup>th</sup> of this month, and the drought also to the 18<sup>th</sup> day. After which moderate rains fell, with a reduction of temperature. Yet so high as the mean was for the greater part of the month, it produced a monthly mean 3° above the Average after all. The Equinoctial storms were severe in some parts of the Kingdom, and most so on 26<sup>th</sup> & 27<sup>th</sup>, with heavy gale, whirlwinds, large hail, thunder and lightning. — With us however, and in East Suffolk, very little storm was known.

Public health on a mean; and vegetation made a second start from the effects of the recent showers after so much heat and drought; still the crops of turnips and beets were poor, and potatoes peculiarly affected by subsequent shooting and producing afterwards further tubers. In fact it has proved a most exceptional year to the period I now write.



# October 1868.

Oct.	Baro.	Wind.	Thermom.	Thermom.	Weather, &c.	Notes.	Rain.
	meter		9 am	at 8 pm			
Th. 1.	29.78	NE <sub>2</sub> NE <sub>3</sub> NE <sub>1</sub>	45 56 57		Fog early, clear & sunny at 8 & 9, afterwards very cloudy and cool. The even' fine and clearer, & less wind.	Full moon 7.58 pm.	
F. 2.	30.13	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	47 56 59		Cloudy with sun, and a cool breeze. Evening and night fine, and calm, but chiefly cloudy.	840	
S. 3.	-10	NE <sub>1</sub> E <sub>5</sub> SE <sub>3</sub>	44 50 55½		Cloudy, cold, and gloomy with gusty wind, and some rain at times in the afternoon, and hard rain all even'g.	55	35
Su. 4.	-80	SW <sub>2</sub> SW <sub>2</sub> SW <sub>0</sub>	45 50 59		Bright morn'g, and continued all day very bright, and pleasant: and from 4 pm - quite calm, and very serene all night.	50	
M. 5.	-12	SW <sub>0</sub> SW <sub>0</sub> SE <sub>0</sub>	45 55 60		Close & electric morn'g, and quite calm; after 9, bright at times, warm & pleasant. Even'g also calm, and part ly cloudy.	56	
Tu. 6.	-20	S <sub>1</sub> S <sub>3</sub> S <sub>4</sub>	50 57 61		Hazy, close morn'g. & red sky, lowering from 9 till 3, then some sun, & very warm. The even'g gusty & rain till midnight.	Δ 8 h 56	
W. 7.	-04	SW <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	48 53 59½		Heavy rain early AM, but a fine bright day, with flying clouds, & brisk wind. Fine even'g and night, less wind, and in part cloudy.	50	43
42062		324411		Mean 52° 5. Rain cal up. 0.78			

735

About the Average.

# October 1868.

Oct.	Baro.	Wind.	Thermom.	Thermom.	Weather, &c.	Notes.	Rain.
	meter		9 am	at 8 pm			0.78
Th. 8.	30.27	SW <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	38 50 59		Frosty morn'g, day bright with cumuli clouds. Evening and night hazy, and stormy looking.	53	
F. 9.	-17	SW <sub>1</sub> SSW <sub>2</sub> S <sub>1</sub>	46 53 60		Hazy & red morn'g, cloudy with little sun in the day, and a soft breeze. Even'g chiefly clear, & colder.	50	moon last. 2r 6.13 am 8th 0
S. 10.	-15	E <sub>0</sub> E <sub>1</sub> SE <sub>0</sub>	38½ 51 60		Clear, frosty early. Bright and warm as day opened, and so all day. Even'g and night clear, but foggy after midnight.	49	□ H 0
Su. 11.	-25	E <sub>1</sub> E <sub>1</sub> SE <sub>0</sub>	36½ 48 60½		Fog till 8, then bright all day, hot sun, and cool air at times. Clear & calm. Even'g and night.	49	□ ♀ h
M. 12.	-21	SE <sub>1</sub> SE <sub>2</sub> SE <sub>0</sub>	36 50 63		Fog early, but from 8 am, very bright all day, and hot afternoon. Clear & calm. Evening, warmer, night and some fog.	52	
Tu. 13.	-20	W <sub>1</sub> W <sub>1</sub> W <sub>1</sub>	45 54 61		Fog till 7, then bright & warm with light clouds at times; Cloudy Even'g, and rain at 8. - Close night but finer.	54	07
W. 14.	-23	WNW <sub>1</sub> NW <sub>2</sub> N <sub>1</sub>	48 51 57½		Close & cloudy, & little fog in the forenoon, but some sun about noon. and from 5 pm - clearer sky & cold night.	47	
42296		288421		Mean 50° 64. Rain cal over .85			

709

1½° below Average.



# October 1868.

Oct. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	Notes	Rain
Th. 15. 30.10	S 2. 36 S 2.3 48 SSW 3. 58	29.90		Cloudy and lowering but warmer as day opened. Continued more or less cloudy, but fine, and the Evening clearer in part. — 55	0.85
F. 16. —88	SW 2. 45 SW 4. 51 W 4. 57	—70		Clouds and sun, with a very brisk wind: afternoon chiefly bright with light clouds. — Storm of rain 6 pm, squally Evens. — 49	06
S. 17. —72	SW 2. 39 SW 2. 46 SW 0. 55	—80		Cloudy with sun, very fine and mostly bright all the afternoon. Clear and cold evens & night. — 44	
Su. 18. —79	SW 1. 35 NW 2. 44 NW 0. 49	—78		Hazy, cloudy, and very cool, but fine. Clear evens and night, and smart frost after midnight. — 41	
M. 19. —80	NW 0. 31 W 2. 39 W 0. 46	—88		Clear, & frost early, bright all day, but a cold wind. Evening frosty, calm, & chiefly clear. Colder, bright than previous. — 39	
Th. 20. 30.02	W 1. 30 WNW 2. 36 W 1. 49	—02		Frost early am; fog from 8 till 11, then bright till after 2 pm, afterwards a stormy cloud from NW, & little distant rain. — 41	01
W. 21. 29.80	S 2. 33 SW 2. 46 W 2. 57	—92		Rain from 5 till 8 am; afterwards fine, & sunny and very bright from 2 pm & clear evening. — 41	20
418.11 249.3655 (Mean 43°.89. —) Rain cal up 1.12					
614.5 = 8 1/4 below Average. —					

# October 1868.

Oct. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	Notes	Rain
Th. 22. 30.05	W 1. 36 W 2. 43 WSW 0. 52	—12		Clear, & heavy dew, and very bright afterwards continuing so all day, & a drying air. Calm evening & in part clear. — 44	
F. 23. 29.92	S 2. 38 SW 3. 49 W 4. 52	—80		Cloudy & gentle rain in the morning, and hard rain from 9 till 11, then finer, and sun at times. Evens fine, clear, and calm. — 41	moon 1.12 9.42 am. 32
S. 24. —95	SW 1. 36 S 4. 43 SW 4. 55	—40		Hazy and lowering followed by rain from 10 till 3 1/2 pm, afterwards fine and warmer after 4, and all the Evens. Galy night. — 53	* ♀ 27
Su. 25. —82	SW 2. 46 SW 1. 51 SW 1. 56	—85		Bright with some clouds, more cloudy after 1 pm, mild, & fine afternoon; but very rainy night from 7 pm. — 51	wet night. 35
M. 26. —87	W 2. 45 W 2. 50 W 2. 53	30.02		Fine morning, bright with light clouds through the day, but hazy after 3 set; Bright moonlight night. — 43	
Th. 27. —11	W 3. 38 W 4. 44 W 1. 49	—34		Bright with cool breeze, very fine, & some flying clouds. — Clear and moonlight night. — 40	
F. 28. —43	W 1. 34 W 1. 41 W 2. 52	—41		Frosty morning, bright day, gentle wind, but cool, more hazy after 2 pm. — much rain 10 to 12 night. — 52	* ♀ 34 wet night.
420.09 273.369 (Mean 45°.85. —) Rain cal over 2.40					
642 = 6 1/4 below Average. —					



# October 1868.

Oct.	Bar. meter	Wind.	Thermom. Lowest 9 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	notes.	Rain 2.40
Th. 29.	29.78	W <sub>3</sub> .	44		Mild & bright morn'g, but after 8. squally with showers till 11. - Fine & bright after- noon, and a fine night, & few clouds. -	42		.05
	30.01	SW <sub>3</sub> .		52				
F. 30.	-17	SW <sub>3</sub> .	39		Bright, with brisk wind, and a few light clouds, but more clouds in the afternoon.		Earthquake shock at 11 1/2 pm.	
	-27	W <sub>2</sub> .		47	Cloudy Even'g and night.	47		
				53				
S. 31.	-31	SW <sub>2</sub> .	45		Close, and cloudy till 10 am, then brighter, very fine, warm, and pleasant afternoon.		Full moon. 11.5 am.	
	-30	SW <sub>2</sub> .		50	Very close Even'g & night.	55		
				57 1/2				
18084			128	1625	Mean 3 days 48° 41.		Rain	2.45

## Barometer.

Highest on 28<sup>th</sup> — 30.43

Lowest on 24<sup>th</sup> — 29.40.

Range — 1.03

Mean of Month 30.04

Gales on 2 days. —

## Thermometer.

Highest on 12<sup>th</sup> — 63° —

Lowest on 20<sup>th</sup> — 30° —

Range — 33° —

Mean daily range 15° 09

Mean of Month 48° 24.

3 3/4° below Average. —

Prevailing winds S.W. and W. — Fine days 22, &  
Depth of rain 2.45 Inches. —

# Summary Notes on October 1868.

This was a month of many changes, and frequent rain, although no great falls thereof. The amount which the month produced had a good effect on the soil, after so much heat and drought as had prevailed for several previous months; and there was a great reduction of the Temperature in this month, on the whole rather precipitate, and which was somewhat uncomfortable to the feelings after having been used to great heat. —

Public Health suffered by this sudden cold to a vast extent; and besides fevers, including scarlatina, Bronchitis, and Pneumonia prevailed, as also Rheumatism, beyond what is common with many persons.

On 30<sup>th</sup> near midnight, some smart shocks of Earthquake alarming many towns and villages in the West of England!

The foliage fell rather earlier than usual, this season, as having come on early and then having been shrivelled by the Hot and dry Summer!



# November 1868.

Nov. meter	Wind.	Thermom. 8 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	Notes.	Rain.
Su. 1. 3025	SW <sub>3</sub>	52 $\frac{1}{2}$	55	Very close & cloudy, with a warm breeze. Fine warm & pleasant day, little sun. Cloudy & close night.	55	$\Delta$ 8 H	
-25	SW <sub>3</sub>		59				
M. 2. -25	NW <sub>2</sub>	49	50	Short heavy shower 6 am. cloudy & damp till 10, then fine & some sun with a few clouds. Lovely sun-set, & red clouded sky.	43	$\square$ 8 8	20
-26	NW <sub>2</sub>		54				
	W <sub>1</sub>						
Tu. 3. -05	SW <sub>6</sub>	41	47	Blowing hard, and cloudy more or less, but brighter in the afternoon. Night cloudy, warm & very galy.	54	$\Delta$ 4 H	
29.81	SW <sub>6</sub>		54				
W. 4. -75	WSW <sub>6</sub>	49	53	Still blowing hard, but warm and at times bright. A heavy storm of rain 1/4 pm, afterwards colder, but less wind.	45		20
-68	WSW <sub>6</sub>		57				
	W <sub>3</sub>						
Th. 5. -71	W <sub>3</sub>	37	39	Bright, with cold wind, and some rocky clouds passing. Night clear, & very keen frost, wind abating after 7 pm.	36	Hail at 1 am.	
-82	W <sub>4</sub>		45				
	W <sub>4.2</sub>						
F. 6. -85	NW <sub>2</sub>	28	32	Clear, and smart frost early. Fine sunny day, but some clouds, & very cold. Less wind at eve, but a cold night.	35		
-88	NW <sub>3</sub>		42				
	NW <sub>1</sub>						
S. 7. -88	NW <sub>2</sub>	27 $\frac{1}{2}$	32	Ran frost in the morn, fine sunny day, with some clouds, but very cold, squally sky all evening.	36	Moon last Dr 1.46 pm.	
3003	NW <sub>2</sub>		45				
	N <sub>3</sub>						
419.47		284	356	Mean 45° 71. - ) Rain cal. up - 40			

640 = About 2° above Average.

# November 1868.

Nov. meter	Wind.	Thermom. 8 am	Thermom. Highest	Weather, &c.	Thermom. at 8 pm.	Notes.	Rain.
Su. 8. 29.97	NW <sub>1</sub>	29	34	Ran frost early. The day chiefly bright, but some hail at times, and the evening and night frosty as before.	32	8 4 4 Hail.	
3004	NW <sub>2</sub>		44 $\frac{1}{2}$				
	NW <sub>1</sub>						
M. 9. -10	N <sub>2</sub>	32	39	Rain at 5 to 6 am, and some showers in the day, with hail also.	37	* 7 2 $\Delta$ H 0	08
-17	NE <sub>3</sub>		45	Finer night, less cold.			17
	NE <sub>1</sub>						
Tu. 10. -13	NE <sub>1</sub>	35	39	Showers of sleet & rain at 6 am, day chiefly fine with clouds and sun.	42		08
-15	NE <sub>2</sub>		45	Cloudy evening, little wet, and drizzling night.			05
	NE <sub>1</sub>						
W. 11. -22	N <sub>1</sub>	40	44	Rain at 5 & 6 am, overcast all day, and little wet, but chiefly fine, and dark & overcast raining also.	42		15
-34	N <sub>1</sub>		45				
	N <sub>1</sub>						
Th. 12. -47	N $\frac{1}{2}$	40	44	Calm & mild, with grey clouds, and sun at times; Evening calm and rather foggy.	44		
-62	NE <sub>1</sub>		48 $\frac{1}{2}$				
	NE <sub>0</sub>						
F. 13. -67	NW <sub>0</sub>	43	45	Calm & cloudy more or less, all day, more lowering after 3 pm, a little misting, and more wind.	41		08
-57	NW <sub>1</sub>		46				
	NW <sub>2</sub>						
S. 14. -36	NW <sub>2</sub>	39	43	Cloudy & rather foggy till noon, then clearer and sun at times; Evening in part clear.	41	New moon 10.55 am.	
-26	NW <sub>1</sub>		47				
	W <sub>1</sub>						
424.07		258	321	Mean 41° 35. - ) Rain cal. over 1.01			

579 = Nearly 1° below Average.



November 1868.

Baro- meter	Wind.	Thermom. Lowest	Thermom. 8 am	Thermom. Highest	Weather, &c. at 8pm.	Notes	Rain
Su. 15.	30.36	NE <sub>2</sub>	38		Shower at 7 am, and a squally morn'g till 10. afterwards mostly bright, with cold wind. Evening clear, & frosty. —	33	.03
	-43	ENE <sub>3</sub>	41				
		ENE <sub>1</sub>		44			
Mo. 16.	-35	NW <sub>1</sub>	33		Very foggy morn'g, less so after 10, but cloudy: with very little sun. Evening cloudy & damp & little rain. —	42	.04
	-30	NW <sub>2</sub>	39				
		NW <sub>1</sub>		45			
Tu. 17.	-30	NE <sub>1</sub>	41		Cloudy & foggy, but milder, clearer after 12, and sun at times. Overcast & very dark Evening. —	44	
	-41	NE <sub>1</sub>	44		milder night. —		
		NE <sub>1</sub>		48½			
W. 18.	-43	NE <sub>1</sub>	42		Overcast, damp & mild morn'g, cloudy day, and colder after 12: more dry- ing air all pm, and a cloudy evening. —	40	
	-41	NE <sub>2</sub>	46				
		NE <sub>1</sub>		46			
Th. 19.	-45	NE <sub>1</sub>	36½		Grey clouds, but fine & very gentle wind: a little sun in the after- noon, but a cloudy Evng. —	40	☐ ♀ H
	-47	NE <sub>1</sub>	41				
		NE <sub>1</sub>		44			
F. 20.	-40	E <sub>0</sub>	35		Grey clouds, calm, and cold morn'g, fine day and sunny afternoon. the Evening frosty. —	32	
	-32	SE <sub>1</sub>	38				
		SE <sub>1</sub>		43			
S. 21.	-04	SE <sub>3</sub>	30		Frost early, change to cloud & somewhat milder with wind increasing little wet at Evening & warmer night. —	44	very red streaked East at 7 am.
	29.82	SE <sub>2</sub>	35				.04
		SE <sub>4</sub>		44			
	42.449		25.53	31.43	Mean 40° 71. —	Rain cal'cp	1.12
			570		== Nearly 2 below Averages.)		

November 1868.

Nov.	Baro- meter	Wind.	Thermom <sup>t</sup> Lowest	8 am	Thermom <sup>t</sup> at 8pm.	Weather, &c.	notes.	Rain.
Su. 22.	29.50 -33	S 5. S 6. S 5.	44 49 52			Mild, blowing morn <sup>g</sup> little wet at times, & very blustering all the day. Warmest in the even <sup>g</sup> & little rain.	moon- 1 <sup>st</sup> 2 <sup>nd</sup> 6.46 am.	1.12
M. 23.	-33 -63	S 2. SW 2. SW 1.	47 48 50			Close morn <sup>g</sup> , followed by heavy rain from 9 till 10, afterwards fine and the even <sup>g</sup> clearer.	Heavy rain, am.	42
Tu. 24.	-90 -97	W 0 W 1 W 2.	36 39 43			Calm & little fog, overcast after 11 am, and more foggy. Evening hazy & cold. frosty night.		
W. 25.	-84 -78	SW 1. S 2. SE 3.	31 41 46			Cloudy, and milder since break of day, but clearer after 11, and drying air. but the night foggy.		
Th. 26.	-80 -97	NE 1. NE 1. NE 1.	36 41 47			Very foggy till 1 pm thick misting at times, clearer afternoon, and even <sup>g</sup> , but some clouds.	Δ 40 * ♀ ♂	08
F. 27.	30.08 -10	NE 0. NE 1. NE 0.	39 42 43			Cloudy more or less, dark, and damp; and little wet, at times. but chiefly fine, and calm.	Δ 8 H	02
S. 28.	-04 -06	NW 0. NW 0. NW 0.	37 39 42			Cloudy and calm, but chiefly very fine. Rather clearer in the afternoon. Cloudy night.		
417.33			270	328	Mean Temp 42.28.) Rain 1.94			
			593	= Slightly above Average.				



# November 1868.

Nov	Barometer	Wind	Thermom. Lowest	Thermom. at 8 am	Thermom. at 8 pm	Notes	Rain
Su. 29	30.10	SE 1	37			Cloudy & foggy morning but soon cleared, and bright afternoon, but the night cloudy.	
	-12	SE 2		39	43 1/2		
Mo. 30	-02	SE 3	35			Cloudy and cold, and more wind. Evening and night also cloudy, but wind less again.	Full moon 1 am. - 6 1/2
	29.97	SE 4		41			
		SE 3		42	40		
120.21			72	85.5	Mean 2 days 39.37		Total Rain 1.94

## Barometer.

Highest on 13<sup>th</sup> - 30.67

Lowest on 22<sup>nd</sup> - 29.33

Range - 1.34

Mean of Month 30.09

Gales on 3 days.

## Thermometer.

Highest on 1<sup>st</sup> - 59°

Lowest on 7<sup>th</sup> - 27.5

Range - 31.5

Mean daily range 8° 68

Mean of Month 42° 32.

About the Average.

Prevailing Winds NE, and NW.

Fine days 18. Depth of Rain 1.94 In.

# Summary Notes on November 1868.

This was a very seasonable month, the temperature the full Average, and no more. Considerable cloudiness, but the rain-fall rather under the Average, although not a dry month. Public Health rather better than might be expected after the remarkably hot summer. But Bronchitis, Catarrhs, Scarletina, and acute Rheumatism were prevalent in many places, as induced by the chill and damp succeeding to the long heat and drought of so many previous months. Wheat seeding was well concluded after the salutary Autumn rains, on the long parched sod.



# December 1868.

Decr.	Baro. meter	Wind.	Thermom. at 8 am	Thermom. at 8 pm	Notes	Rain
Tu. 1.	29.90	SE <sub>2</sub>	39		Overcast and slightly foggy, very gloomy and cold. Evening foggy & nearly calm.	
		SE <sub>2</sub>	41			
	-92	SE <sub>1</sub>		43		
W. 2.	-90	SE <sub>1</sub>	39		Overcast, calm, foggy, & mild. More fog in the afternoon, dark & damp day.	
		SE <sub>1</sub>		43		
	-88	SE <sub>1</sub>		47		
Th. 3.	-77	SE <sub>2</sub>	42		Clear at 5 am, cloudy afterwards, mild & lowering with a little wet at times. Evening clear and mild as before.	13
		SSE <sub>2</sub>		47		
	-73	SSE <sub>1</sub>		50		
F. 4.	-77	S <sub>3</sub>	41		Cloudy & mild. Some sun about noon, and more wind. Cloudy even. Warm & gay, & heavy rain 9 pm.	20
		S <sub>4</sub>		50		
	-75	S <sub>4-5</sub>		55		
S. 5.	-61	S <sub>3</sub>	49		Mild and cloudy, very little sun, gusty at 1 pm - little wet. Very windy evening, and night, till 12.	04
		S <sub>4</sub>		50		
	-50	S <sub>6</sub>		56		
Su. 6.	-77	SW <sub>3</sub>	47		Cloudy & mild, but a fine forenoon, the afternoon overcast & thick rain. Gay evening, & night.	25
		SW <sub>2</sub>		51		
	-36	SW <sub>5</sub>		58		
M. 7.	-87	W <sub>8</sub>	44		Violent gale at 2 & 3 am. abating afterwards. Fine sunny day, some clouds, very thick & hazy evening.	
		SW <sub>3</sub>		47		
	-95	SW <sub>1</sub>		52		
416.88			301.5	361	Mean 47° 32. -	Rain 22 up 0.62

662.5 = 8° above Average.

# December 1868.

Decr.	Baro. meter	Wind.	Thermom. at 8 am	Thermom. at 8 pm	Notes	Rain
Tu. 8.	29.53	SW <sub>4</sub>	44		Hard rain at 4 & 5 am; afterwards fine, and the day chiefly bright, but evening overcast & rain at times till after 9.	40
		SW <sub>3</sub>		49		
	-62	SW <sub>2</sub>		52		13
W. 9.	30.17	N <sub>2</sub>	40		Cloudy with sun, and colder breeze: chiefly sun after 11 am & all the afternoon. Clear & calm evening.	Δ 8.4 Rapid rise of Barom.
		NE <sub>2</sub>		43		
	-43	E <sub>1</sub>		44		
Th. 10.	-74	SE <sub>5</sub>	35		Blowing and cloudy very blustering till noon, the afternoon clearer & less wind. Evening cloudy.	
		S <sub>4</sub>		45		
	29.92	S <sub>3</sub>		48		
F. 11.	-50	SE <sub>2</sub>	43		Cloudy with sun at times, and very warm breeze. Evening fine star light & less wind.	very mild & pleasant.
		S <sub>3</sub>		46		
	-43	S <sub>2</sub>		55		
S. 12.	30.03	NE <sub>1</sub>	37		Cloudy, more or less, and much colder, very cloudy and dark evening, and night.	
		E <sub>1</sub>		40		
	-11	E <sub>1</sub>		43		
Su. 13.	29.90	SE <sub>1</sub>	38		Mild & cloudy more or less, little sun at intervals. Very dark and overcast. Evening & night.	Δ 9.11 Δ 8.11
		ESE <sub>3</sub>		44		
	-87	SE <sub>3</sub>		48		
M. 14.	-77	S <sub>3</sub>	44		Mild & cloudy, lowering and blowing all day, & heavy gale from 6 pm with rain; fine night, and less wind.	New moon 1.33 am.
		S <sub>5</sub>		49		
	-39	S <sub>6</sub>		52		
417.75			281	343	Mean 44° 57. -	Rain 2 over 1.35

624 = 52° Above Average.



# December 1868.

Date.	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes.	Rain.
			Lowest.	Highest.			
			8 am		at 8 pm.		1.35
Tu. 15.	29.60	S 3.	47		Hazy morn'g, bright from 9 till 1 pm, afterwards cloudy, and a calm even'g, but windy & wet night.	47	.22
	67	S 2.	50				
		S 1.	53				
W. 16.	50	SSW 3.	44		Fine & mild morning, bright at times, but a squally day, & little showers. - Fairer in the night.	47	.03
	63	SSW 3.	47				
		SSW 4.	49			43	
Th. 17.	88	SW 2.	40		Fine & chiefly bright but hazy after 2 pm, cloudy evening, and little rain.	40	
	94	SW 1.	40				
		SW 3.	48			46	
F. 18.	75	SW 3.	44		Rainy morning early, fine, mild, and sunny day, and hazy evening & night.	47	.24
	81	SW 1.	47				
		SW 1.	52			45	
S. 19.	79	SW 1.	38		Rain early, but the day fine and bright, with but little wind. Clear & frosty night.	38	.72
	87	W 1.	41				
		W 0.	46			37	
Su. 20.	80	SE 2.	31		Frost early, afterwards fog till 7 am, fine day calm & sunny, with some clouds.	31	
	78	S 1.	38				
		S 2.	45		Even'g cloudy.	42	
M. 21.	67	SE 4.	39		Overcast & rainy, very blowing & wet till 12, finer afternoon, and even'g. Mild night.	39	.30
	42	S 6.	43				
		S 3.	52			50	
41671			283	345	Mean Temp 44.85. Rain 2.26		
			628	= Nearly 6° above Average.			

# December 1868.

Decr.	Baro- meter	Wind.	Thermom. Lowest 8 am	Thermom. Highest	Thermometer at 8 pm.	Weather, &c.	Notes.	Rain. 2.26
Tu. 22.	29.34 -42	SW <sub>3</sub> SW <sub>2</sub> SW <sub>1</sub>	43½ 47 51			Shower at 4 a.m, then fine & bright morning mild & bright day, and few clouds. Rain & thunder after midnight.	MOON 1st Dr 4.28 am	.10 Thunder & lightning 2 a.m. Thunder
W. 23.	-23 -33	SW <sub>2</sub> SW <sub>1</sub> SW <sub>1</sub>	39 42 44			Thunder, lightning, & rain early a.m, fine day, but chiefly cloudy, and gentle wind, night fine till after 12.	Thunder & lightning again early a.m.	.22
Th. 24.	28.95 28.88	SE <sub>1</sub> S <sub>2</sub> SW <sub>6</sub>	35 45 48			Much rain early, fine forenoon, & bright, storm & thunder P.M, gale evening & rain in squalls. Night fine.	Sharp thunder in NW. pm.	.39 10
F. 25.	29.21 -43	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	36 40 43			Fine & sunny morning & till noon bright & fair, afterwards little showers. Fine evening & nearly clear.	Δ 80	.02
S. 26.	-51 -40	NW <sub>3</sub> W <sub>1</sub> W <sub>3.6</sub>	36½ 40 44½			Chiefly cloudy & little sun but fine till 5 pm, then rainy, and gale 9 pm - wet night.	Showers early. Hard gale 9 pm.	.05 06
Su. 27.	-03 28.94	S <sub>4</sub> SW <sub>7</sub> SW <sub>7</sub> S. 3. 2.	40 47 54			Much rain early & till 9 a.m, squally wind & warmer. Heavy gale at noon, and from 5 till 7 pm: clear night, less wind.	☐ 80 ☐ 40 Heavy gale.	.52
M. 28.	29.40 -12	SW <sub>3</sub> SW <sub>3</sub> W <sub>2</sub>	38 41 48			Bright morning, but hazy after 10, some rain at noon, and violent gale in the evening. Finer night.	Violent gale.	.05 07
40919			268	3323	(Mean 42.89.) Rain 3.84.			
			6005	4° above Average.				



# December 1868.

Dec.	Baro. meter.	Wind.	Thermom. Fahrenheit 8 Lighth.	Thermometer at 8pm.	notes.	Rain.
Tu. 29.	29.55	SE <sub>2</sub> S <sub>5</sub> SW <sub>6</sub> -14	32 35 47		Hazy morn'g, heavy rain from 11 am till 3, afterwards blowing hard till 7, then a rainy night after 10. 39	Full moon. 1.48pm. Δ 94 □ 84 55 20
W. 30.	-45	SW <sub>2</sub> SW <sub>2</sub> W <sub>3</sub> -65	30 35 39		Frost early, heavy forenoon, raining about noon, and a dark & cold afternoon. Fine night, & frosty. 34	Δ 88 73
Th. 31.	-70 30.00	NW <sub>2</sub> NW <sub>2</sub> NW <sub>3</sub>	32 40 40		Clouds and sun, with a cold wind. Evening & night fine & frosty, and wind calm. 32	
17749			94	126	Mean Temp. 3 days 36°6	Rain 4.72

## Barometer.

Highest on the 9<sup>th</sup> - 30.43

Lowest on 24<sup>th</sup> - 28.88

Range - 1.55

Mean of Month 29.63

Gales on 11 Days! -

## Thermometer.

Highest on the 6<sup>th</sup> - 58°

Lowest on 30<sup>th</sup> - 30°

Range - 28

Mean daily range 9.03

Mean of Month 44.1

3.1. - above Average.

Principal Winds the S W, and South.

Fine days only 11, and the Depth of Rain 4.72 Inches.

# Summary Notes, for December 1868.

This was a mild, stormy, and rainy month and highly salutary after a year of so great drought and heat. Seldom has it been recorded that such frequent violent gales, thunder and lightning prevailed in December, as in this case, and the Quarterly Storm Period was brought out in earnest - from the 21<sup>st</sup> day to the end. The mean Temperature <sup>was</sup> exceeded twice only for the last 90 years! - Public health on the whole good for the season, but Rheumatic affections prevalent as induced by the abundance of aqueous vapour and the electric condition of atmosphere throughout this month!



## Conclusive Notes for 1868.

This was a truly memorable year, for its great warmth and fineness, at least from Feb<sup>y</sup> 1<sup>st</sup> to October 13<sup>th</sup>, and especially for the excessive heat and drought from May 2<sup>nd</sup> to Sept. 18<sup>th</sup>. The Mean Temperature of the entire year was 52° 16, which is far beyond the Average of our Climate, and only equalled in 1846 and 1857, during the last 100 years while regular records have been kept!

The coldest day was Jan<sup>y</sup> 3<sup>rd</sup> Therm<sup>°</sup> 22°. And the hottest days were July 16<sup>th</sup> and 21<sup>st</sup> Therm<sup>°</sup> 94°!

Highest Barom<sup>r</sup> Nov 13<sup>th</sup> - 30.67  
Lowest - Dec 24<sup>th</sup> - 28.88.

Fine Days 241 in number -;  
and depth of rain 23' 49 Inches. -

## Monthly General Results for 1868.

1868	Winds.								Gales	Fine Days	Rain	Mean Bar.	Mean Temp.	Mean Daily range.	Therm <sup>°</sup>	
	E.	W.	N.	S.	NE.	SE.	NW.	SW.							Min	Max.
Jan <sup>y</sup> .	1	2½	1	4½	8	1½	2½	10	6	11	2.20	29.96	36.98	7.09	22°	53°
Feb <sup>y</sup> .	0	10	0	3½	½	1	1½	12½	4	20	1.46	30.16	43.26	10.94	26½	59½
Mar.	1	9	2	3	1	0	5	10	4	18	2.55	30.04	43.70	14.91	27	58
April	0	3½	2	2½	4½	5	3½	9	4	18	1.75	30.24	48.50	17.56	30½	67
May.	4	0	0	2½	2	1½	0	11	0	25	1.07	30.13	59.30	23.38	35	86
June	2	8	1	3	2	4	3	7	0	28	0.88	30.26	63.36	23	45	86
July.	3	7½	2	5	6	3½	3	1	0	29	0.32	30.20	67.08	21.33	49	94!
Aug <sup>t</sup> .	6	1	0	6	3	7	1	7	2	19	2.55	30.03	65.97	17.78	47	90!
Sept.	3	4	0	5	8	7	1	2	3	22	1.60	30.01	61.15	18.28	42	88½!
Oct <sup>r</sup> .	3	9	0	2	2	1	2	12	2	22	2.45	30.04	48.24	15.09	30	63
Nov <sup>r</sup> .	2	0	1	2	9	4	8	4	3	18	1.94	30.09	42.32	8.68	27½	59
Dec <sup>r</sup> .	1	2	0	9	1	4	1	13	11	11	4.72	29.63	44.11	9.03	30	58
1868.	26	56½	9	48	47	49½	31½	98½	39	241	23.49	30.04	52.16	15.58	22	94.

Orlando Christcraft  
Jan<sup>y</sup> 5. 1869.



