

*Daily notes  
on the Weather, &c, &c,  
— in —*

1865 & 1866.

THW

11







January 1865



*Meteorological Journal,*  
— 1865. —



# January 1865.

Jan.	Baro. meter	Wind.	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	notes.	Rain.
Su. 1.	30.00  -12	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	28 30 37		Hard frost, and little Hail, early A. M. Very fine & bright day, but very keen air. Day clear evening, and frost increasing.	27	
M. 2.	29.97  -77	E <sub>0</sub> SE <sub>2</sub> S <sub>3</sub>	22 25 34		Hard frost, hazy & red East, very hazy all day, and more so after 1 pm. cloudy and change in the evening.	30	very hard frost.
Tu. 3.	-57  -84	W <sub>1</sub> NW <sub>2</sub> NW <sub>1</sub>	30 34 35		Cloudy, and some fog, cold and raw, with a little sun at times. Fog and frost evening, change in the night.	30	
W. 4.	-84  -95	SW <sub>4</sub> W <sub>3</sub> W <sub>2</sub>	29 40 46		Cloudy & blowing with trifling rain in the fore- noon, bright afternoon & drying breeze. Some evening and night.	41	MOON. 1/2 Dr 3.42 pm.
Th. 5.	30.12  -03	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	36 39 44		Beautifully and dappled across East 8 am; Day hazy & some clouds, and the evening raining and galy night.	42	Δ H ♀  2.4
F. 6.	29.84  30.04	SW <sub>6</sub> W <sub>6</sub> NW <sub>6</sub>	36 37 41		Heavy gale & stormy rain 3 am. Squally day, snow & hail, with sun at times. Evening & night fine, wind less after 8 pm.	41	blowing & cold. snow. ⑤
S. 7.	-35  -29	W <sub>2</sub> W <sub>2</sub> W <sub>2</sub>	33 34 41		Fine sunny morn'g, & bright day, with a drying wind. Skies much dappled at 7 pm.	37	
419.69			214	278	Mean Temp. 35.14.	Rain. 0.31	
			492	About the Average. (cal <sup>d</sup> over			



# January 1865.

Jan.	Baro. meter	Wind.	Thermom. lowest 8 am	Thermom. highest 8 pm	Notes.	Rain.
Weather, &c.						
Su 8.	30.09	SW <sub>1</sub> .	34			0.31
		SW <sub>2</sub> .	34			
	29.85	S <sub>3</sub> .	45		Hazy but chiefly bright and fine, with a cold air. But warmer in the evening, and night, & very thick & hazy. — 41	
M. 9.	-77	SW <sub>3</sub> .	37			
		W <sub>3</sub> .	41		Bright, with dying wind, continued bright till after 2 pm., then hazy cloudy, & little rain at eve. — 42	05
	-88	W <sub>3</sub> .	45			
Tu. 10.	-82	SW <sub>3</sub> .	42			
		SW <sub>4</sub> .	47		Very mild, with sun and clouds, and brisk wind. More lowering & squally from 4 pm. — 49	
	-85	SW <sub>5</sub> .	51 1/2		Night finer again. — 49	
W. 11.	-95	SW <sub>1</sub> .	41			
		S <sub>1</sub> .	42		Mild & hazy, became bright after 9 am, and till noon afterwards less clouds, and shows for storm, little rain. Evening 39	03
	-89	S <sub>2</sub> .	47		Full moon 11 pm	
Th. 12.	-49	SE <sub>3</sub> .	39			
		SE <sub>6</sub> .	43		Lowering & squally, with dark skies. Very blowing afternoon, rain at times. Evening finer, and less wind. — Snowy night 40	05
	-79	S <sub>3</sub> .	45			
F. 13.	-71	NW <sub>3</sub> .	32			
		SW <sub>3</sub> .	35		Snow & rain early, A.M. Fine after 9 am, and bright all day; Evening squally, much rain at times. — 44	32
	-21	SW <sub>5</sub> .	44			37
S. 14.	28.67	SW <sub>3</sub> .	34			
		SW <sub>5</sub> .	36		Blowing all day, with rain at times, & little snow, in sudden storms. Squally evening & night. — 40	71
	28.71	W <sub>7</sub> .	44		Lowest Barom. for 17 years past.	
	41.348	W <sub>6</sub> .	259	321 1/3	Mean Temp 41° 46. Rain 2.41	1.24
		W <sub>5</sub> .	580.5		Six above Average.	

# January 1865.

Jan.	Baro. meter	Wind.	Thermom. lowest 8 am	Thermom. highest 8 pm	Notes.	Rain.
Weather, &c.						
Su. 15.	29.06	W <sub>5</sub> .	37			03
		W <sub>4</sub> .	37		Blowing, lowering, and a little rain at 9 am, fine & bright afternoon, with cold wind. Evening clear, & less wind, hazy below. — 36	
	-16	W <sub>3</sub> .	42			
M. 16.	-08	SW <sub>3</sub> .	35			
		SW <sub>3</sub> .	38		Hazy, with clouds, and sun, fine, but cold and raw, & stormy looking air. Evening overcast, and some falls of sleet in the night. 35	*98
	-02	SW <sub>2</sub> .	42			
Tu. 17.	-20	NW <sub>3</sub> .	32 1/2			
		NW <sub>2</sub> .	33		Sleet and snow early in the morning, fine after 8, and a bright, but cold day. Overcast evening, and some fog. — 34	
	-26	NW <sub>1</sub> .	38			
W. 18.	-40	W <sub>0</sub> .	28 1/2			
		SW <sub>1</sub> .	29		Hard white frost, & calm morning, fine, bright day, but keen air. More clouds after 2 pm. Evening hazy and cloudy. — 34	
	-41	SW <sub>1</sub> .	37			
Th. 19.	-50	SE <sub>1</sub> .	32 1/2			
		SE <sub>1</sub> .	33		Foggy & snow early A.M., cloudy and foggy most of the day, but cold, and raw. Night clear & frost. 35	
	-56	Var. o.	37			
F. 20.	-62	NW <sub>2</sub> .	28			
		W <sub>1</sub> .	31		Hard frost, & some snow at times, cloudy and some fog in the day. Evening starlight, and little frosty. — 32	moon last 2.36 am.
	-64	NW <sub>1</sub> .	35			00 1/2
S. 21.	-71	W <sub>0</sub> .	26			
		W <sub>0</sub> .	26		Hard frost, bright sun all day, and calm. Evening again sharp frost and quite clear. — 27	
	-72	SW <sub>0</sub> .	36			
	41.134		2195	267	Mean Temp 34° 75. Rain 2.41	1.27
			486.5		rather under Average.	



# January 1865.

Jan's	Baro. meter	Wind.	Thermom. 8 am	Thermom. 8 pm	Notes	Rain 1.27
Su 22.	29.68 -72	Var. a. NW. NW.	21 26 35		severe frost & fog, dark and very thick air, but calm; sun set in a red streaked sky. Evening clearer, and frost less.	Δ O Δ <sup>8</sup> Sharp frost.
M. 23.	-88 -90	W. W. SW.	25 27 36		Hard frost, & clearer, little wind, but fog gone; bright sun most of the day. The Evening foggy.	continued frost.
Tu. 24.	-77 -76	E. E. E.	29 32 36		Cloudy & thick, less frost, clearer after 12, but more wind. Less wind in the night.	gentler frost.
W. 25.	-79 -78	NE. NE. NE.	28 32 35		gray clouds & frost, fine gray day, but very keen air. Cloudy evening, and a dry frost continued.	continued frost.
Th. 26.	-49 -41	E. E. E.	31 34 34		Heavy snow from 7 a.m., and at times till noon. Overcast P.M. but finer. Snow a- gain during night.	much snow.
F. 27.	-75 -25	NE. NE. N.	32 34 35		snow & rain, dark, and coarse day, rather finer after 1 pm till 4 pm. - snow again in the night.	new moon 9.30 am. Snow & rain
S. 28.	-78 -96	NW. NW. NW.	27 31 32		snow early, & frost re- sumed. Bright day and very cold, and clear and keen frost evening & night.	snow a.m.
415.32		193.2435		Mean Temp 31° 17. Car <sup>d</sup> up - 1.39.		
		436.5		4° below Average.		

# January 1865.

Jan's	Baro. meter	Wind.	Thermom. 8 am	Thermom. 8 pm	Notes	Rain 1.39
Su. 29.	30.00 29.83	W. SW. S. SSE.	22 23 35		Clear, & very hard frost, very bright till 2 pm, afterwards hazy. The Evening very thick, less frost & more wind.	very hard frost. Blowing night.
M. 30.	-44 -42	SE. SE. SE.	31 35 37		Blowing & cold, sleet & little rain from 8 am, then heavy snow till 10 am, afterwards fine & some sun P.M. Evening rather foggy, rain at night.	□ H ♀ Snow, sleet. Rain &c. A.M.
Tu. 31.	-42 -25	S. S. S.	34 37 42		Dark with fog, & rain, early. Finer with some sun in the day. Mild cloudy, & more wind at Eve. Wet night.	Thawing. Fair pm. wet night.
177.36		87.114		Mean Temp 3 days 33° 5. Rain 1.98		

## Barometer.

Highest on 7<sup>th</sup> — 30.35  
Lowest on 14<sup>th</sup> — 28.67!  
Range — 1.68  
Mean of Month — 29.63

Gales on 5 days.

## Thermometer.

Highest on 10<sup>th</sup> — 51.5  
Lowest on 22<sup>nd</sup> — 21°  
Range — 30.5  
Mean daily range — 8.11  
Mean of Month — 35.42

About the true Average  
of January in these parts.

Winds chiefly W, & SW, Fine days 17, and depth  
of Rain 1.98 Inch.



# Summary of January 1865.

This was a month of true medium character, in almost every respect, especially in its temperature, the mean of which was just the Average for January. The Barometer was much below what is usual all the month, and on the 14<sup>th</sup> was below any instance for many years! The frost was frequent but never very severe, and snow or rain were at intervals - mixed with other periods of finer weather. After the very long drought of 1864, the rains and snows of January 1865 brought on partial floods in our valleys - which was a somewhat novel scene, having been so long used to dried up ponds and rivulets; but we had no floods till the very last night of this month.

# February 1865.

Feb.	Barometer	Wind	Thermom <sup>r</sup> 8 am	Thermom <sup>r</sup> 8 pm	Weather, &c.	notes	Rain.
W. 1.	29.00 28.98	SW <sub>1</sub> SW <sub>1</sub> SW <sub>1</sub>	38 41 45½		Overcast & fog till after 9, then thin clouds, and sun. with watery sky. Cloudy Even <sup>g</sup> & rain at times. — Mild night.	rivers overflowed.	12
Th. 2.	29.15 —23	SW <sub>2</sub> SW <sub>3</sub> SW <sub>2</sub>	39 43 48		Cloudy & mild, some rain at times in the forenoon, finer P.M., little sun. Again showery after 4 pm. Foggy night.	mild & showery.	09 05
F. 3.	—27 —31	SE <sub>1</sub> SE <sub>2</sub> E <sub>1</sub>	39 41 46		Foggy morning; clears, and some sun in the day. — Evening partially cloudy, and colder.	moon. 1st Dr. 1.9 am.	
S. 4.	—63 —72	ENE <sub>1</sub> ENE <sub>2</sub> ENE <sub>3</sub>	32 32 32		Cloudy & cold, with a little snow at times, freezing air all day, and continued gentle frost at night.	cold & little snow.	29
Sa. 5.	—83 —97	E <sub>2</sub> E <sub>1</sub> E <sub>1</sub>	29 30 35		Cloudy, & gentle frost. very cloudy all day and cold yet but little wind. Even <sup>g</sup> also cloudy, & no frost.	cold & dull.	
Al. 6.	30.02 —08	SE <sub>1</sub> S <sub>1</sub> SW <sub>1</sub> S <sub>1</sub>	33 38 43½		Overcast & misting at times; then foggy till noon, rather clearer after 12, but much low cloud, & inclined to fog.	Foggy AM.	03
Tu. 7.	29.93 —89	SSE <sub>4</sub> S <sub>2</sub> SW <sub>1</sub>	38 41 47		Blowing & light rain less wind after 10 am, very rainy & dark till 2½ pm: afterwards fine and clearer.	Dark & wet.	22
4.14.01		248.297		Mean Temp 38° 92. — Rain & over 0.51			
		545-		Above the Average, slightly.			



# February 1865.

Feb.	Baro. meters	Wind.	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	Notes.	Rain 0.51
W. 8.	29.89	NW <sub>2</sub> 34 N <sub>4</sub> 37 N <sub>2</sub> 37			Cloudy and very cold and blowing day, but less wind in the evening and fine. Clearer night.	blowing & very cold.	
Th. 9.	-31	NE <sub>2</sub> 31 NE <sub>4</sub> 31 NE <sub>4</sub> 37			Hail & snow storms, with sun between, chiefly fair P.M., & very cold wind. Little snow again at eve. Fine night.	Hail, and snow.	
F. 10.	-63	NE <sub>1</sub> 30 NE <sub>1</sub> 31 NE <sub>1</sub> 37			Cloudy, frosty & less wind, sun at times, & few flakes of snow. Frosty evenings, & cloudy.	Full moon 4:27 pm. * ♂ ♀	
S. 11.	-62	NE <sub>1</sub> 18 NE <sub>1</sub> 21 NE <sub>2</sub> 30			Snow early. Severe frost cloudy with sun, mostly cloudy, more or less, and little snow. Colder eve- ning & night.	* ♂ 4 □ ♀ 8 Sharp day.	
Sa. 12.	-42	NE <sub>2</sub> 26 NE <sub>4</sub> 30 NE <sub>4</sub> 34			Cloudy, & less frost, but more wind, and very cold, blowing day. — much snow after 8 pm.	very cold wind.	
M. 13.	-30	E <sub>2</sub> 25 E <sub>2</sub> 26 E <sub>2</sub> 29			Snow, & sharp frost, freezing hard all day and quite cloudy, but fine, and continued frost at night.	Snow.	
Tu. 14.	-34	NE <sub>1</sub> 22 NE <sub>3</sub> 22 E <sub>0</sub> 32			Clear, & sharp frost bright day & keen wind. Calm & clear evening & sharper frost.	Δ OH Sharp frost.	
425.21		186.236		Mean Temp 30.14 Rain 5. up 0.51			

422 Temp 6 below Average  
or rather more.

# February 1865.

Feb.	Baro. meters	Wind.	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	Notes.	Rain 0.51
W. 15.	30.12	Var <sub>0</sub> 11 SE <sub>1</sub> 13 SE <sub>2</sub> 34			Extremely sharp frost, & calm clear morning; milder after 10 am, low clouds, & cloudy evenings, change, & less frost than last evening.	Extremely sharp frost, A.M.	
Th. 16.	-62	SE <sub>1</sub> 22½ S <sub>1</sub> 29 SE <sub>2</sub> 36			Cloudy, dark haze, & frost, abating. Thick skies all day, and little thaw, but after 3 pm. snow, and very heavy snow at eve.	Little thaw P.M. Snow.	
F. 17.	-23	NW <sub>4</sub> 29 W <sub>4</sub> 32 SW <sub>3</sub> 36			Wind veered opposite, over- cast & snow at 7 am, be- came bright after 8, & continued with keen wind till 4, then dark & snowing.	Snow at 7 am. Aurora Borealis 9 pm Snow 5-6 pm.	
S. 18.	-63	SW <sub>3</sub> 29 SW <sub>4</sub> 33 SW <sub>4</sub> 44			Low clouds with sun, and wind gusty, but milder, & after 3 pm. rain at times, & less wind, but a blowing night & fine.	Moon last 20. 9. 38 pm. Rain at eve.	
Sa. 19.	-35	WSW <sub>5</sub> 36 WSW <sub>7</sub> 38 W <sub>7</sub> 41 W <sub>6</sub> 41			Blowing morning, & in part clear, very heavy gale all day, & chiefly cloudy. Some sleet & rain 4 pm. Gale all night, but finer.	Δ OH violent gale.	
M. 20.	-93	NW <sub>6</sub> 27 NW <sub>5</sub> 30 NW <sub>5</sub> 34			Freezing, blowing & snow at times; very thick falls in the afternoon, and more in the evening & part of the night.	Δ ♂ ♀ much snow.	
Tu. 21.	-38	NW <sub>3</sub> 26 W <sub>1</sub> 30 SE <sub>1</sub> 37			Cloudy, keen frost, but thawing in the day, and quite cloudy, little snow & less wind. Closes night, & less frost.	change able.	
416.31		180.5262		Mean Temp 31.6. Rain 5. over .62			

442.5 Temp 5½ below Average.



# February 1865.

# Summary of February, 1865.

Bar. Feb. meter	Wind.	Thermom. & Highest. am	Thermom. & 8pm.	notes.	Rain, 0.62
W. 22. 30.30	S 1. 31			Foggy & thawing, continued more or less foggy all day, & little thaw.	
-30	S 1.	38 1/2	36	Misling at times after 4 pm.	12
Th. 23. -35	SW 2. 36			Mild & cloudy morning, warm & sunny afternoon, with light breeze. Evening cloudy. - Close and mild all night.	
-32	SW 2.	44	47		
Fr. 24. 29.89	SW 4. 43			Cloudy & mild morn'g rain from 8 am, & at times hard all day, very rainy & dark. Fine after 5 pm, & sky and fine all night.	77
-72	NW 2.	45	40		
S. 25. 30.17	NW 1. 32			Clear, little hoar frost, bright all day, and very few clouds. Even' calm clear and frosty till 9.	
-27	NW 2.	34	36		
Su. 26. -08	S 2. 33			Hazy, & soon overcast, and rainy, from 9 am, all the day, and wind, rather squally. - Night finer.	14
29.93	S 4. 38				
M. 27. 30.22	SW 3. 44				
-18	NW 2. 34			Clear, and little frosty early. Fine sunny day with some dense cumuli in the P.M. Cloudy Even' & again stormy looking.	42
	W 1. 36				
	SW 1. 47				
Tu. 28. 29.69	S 3. 38			Overcast & some rain at times till after 11 am, clearer & windy afternoon, squally showers at a distance.	87
-60	SW 3. 45				
	SW 4. 50				
421.02	3.	247325		Mean Temp 40°.85. -	Rain 1.72

572. - 4 above average, nearly  
this week. -

Barometer.	Thermometer.
Highest on the 10 <sup>th</sup> 30.63.	Highest on the 23 <sup>rd</sup> 53°
Lowest on the 1 <sup>st</sup> 28.98.	Lowest on the 15 <sup>th</sup> 11°
Range 1.65	Range 42°
Mean of month 29.93	Mean daily range 9.23
	Mean of month 35.37
Gales on 3. days.	About 1 1/4 deg. below the Average of February. -

Prevailing winds the SW, and NE; - Fine days 8;  
Snow 10 days; Rain 10 days; Depth of rain 1.72 Inch

This was a very seasonable Month, with much frost from the 9<sup>th</sup> to the 22<sup>nd</sup>, and somewhat sharp on a few occasions in that time. - Snow fell at intervals, and more in some Counties than here. - The beginning and end of the month were very unsettled with rain at times, which together with the melting of the snows, replenished the rivulets and pools which had been so long in a low state. - Much sickness prevailed, and numerous deaths among the very aged of the population. -

On the whole, a thorough seasonable winter from Dec 1. 1864 to Feb 28. 1865.



# March 1865.

March	Baro. meter	Wind	Thermom. Lowest 8 am	Thermom. Highest 8 pm	Weather, &c.	Notes	Rain
W. 1.	29.58	NW <sub>2</sub>	37		Shower at 5 am, fine in the day, with clouds, and sun, but showers at a distance. Dark clouds & more wind in the evening. —	* ♀ ♀ Crocus blooms.	.13
	-70	NW <sub>2</sub> W <sub>3</sub> W <sub>4</sub>	41 48				
Th. 2.	-78	SW <sub>1</sub>	39		Overcast, dark, and lowering, with rain at intervals, & wind gusty in the afternoon, and very blowing evening, & night. —	Squally & wet.	.17
	-80	W <sub>3</sub> NW <sub>5</sub> NW <sub>6</sub>	43 47				
F. 3.	30.25	NW <sub>3</sub>	33		Bright with cold breeze and rocky clouds, storms at a distance, P.M. and electric knotty clouds, & hail here 6 pm. —	Δ ♀ ♀ 8 h ♀	
	-32	NW <sub>3</sub> W <sub>1</sub>	36				
S. 4.	-32	SW <sub>1</sub>	31½		Frost first & clear but soon hazy and cloudy & more wind. Squally evening, rain at times, and much after 8 pm. —	moon 1st Dr 0.19 pm. wet night.	.37
	29.91	S <sub>3</sub> S <sub>4</sub>	35 46				
Su. 5.	-71	SW <sub>2</sub>	32		Clear morning, little frost, day at times bright, with stormy clouds, and cold wind. — Evening more serene, but hazy & cold. —		
	-36	W <sub>4</sub> SW <sub>1</sub>	36 45				
M. 6.	-36	S <sub>2</sub>	32		Overcast and rain from 7 am, at times all day & very dark and cold. Wind veering Eastward all P.M. —	Dark & wet.	.32
	-42	SE <sub>2</sub> E <sub>2</sub>	38 41				
Tu. 7.	-67	NW <sub>2</sub>	36		Cloudy with dark haze and little sleet at intervals, and very little sun. Showers of hail & rain in the evening. —	wallpaper floored.	.12
	-70	NW <sub>1</sub> NW <sub>1</sub>	38 43				
41708			24033153		Mean Temp 39° 71. —	Rain. 1.11	
			556		2¼ under average.	(car up.)	

# March 1865.

March	Baro. meter	Wind	Thermom. Lowest 8 am	Thermom. Highest 8 pm	Weather, &c.	Notes	Rain
W. 8.	29.68	NW <sub>2</sub>	34		Cloudy, raw, and cold, wind gusty, and snow at times, very heavy snow from 3 till 4, afterwards finer, & clearer, in the night. —	coarse day. much snow.	⊕
	-77	NW <sub>4</sub> N <sub>3</sub>	36 40				
Th. 9.	-90	NW <sub>4</sub>	33		Cloudy & cold wind, followed by snow in large flakes, & frequent falls, but from 4 pm. rain almost continually. —	very coarse, snow & rain. floods.	⊕ 35
	30.06	N <sub>3</sub> N <sub>2</sub>	36 39				
F. 10.	-03	W <sub>1</sub>	31		Fog at 7 & 8 am: then became cloudy, & squally with rain & snow, till 4 pm. Hinder evening, & night in fairs. —	□ ⊕ ♂	.22
	29.67	SW <sub>5</sub> SW <sub>2</sub>	35 40				
S. 11.	-60	NW <sub>3</sub>	35		Cloudy with rain at times, but chiefly fine, and a rough and cold wind. Sleet, & rain in showers all the evening. —		.04 .07
	30.04	NE <sub>4</sub> NE <sub>3</sub>	38 40				
Su. 12.	-12	NE <sub>2</sub>	32½		Sleet showers in the morning, chiefly fine in the day, & little sun after 2 pm, but very cold. Calm, clear, & frosty evening. —	Full moon 10.42 a.m.	
	-17	NE <sub>1</sub> NW <sub>0</sub>	35 39½				
M. 13.	-05	NW <sub>0</sub>	32		Fog & very frost, snow in the night past, fine and bright from 9 till 12, afterwards cloudy, and very cold and unpleasant. —		
	29.92	NW <sub>1</sub> N <sub>1</sub>	35 43				
Tu. 14.	-90	NE <sub>2</sub>	32		Frequent snow, followed by driving squalls of hail & sleet, very cold & raw & exceedingly coarse. —	Stormy & cold.	⊕ 34
	30.02	NE <sub>2</sub> N <sub>3</sub>	34 39				
41893			22952805		Mean Temp 36° 42. —	Rain 1.77	
			510		5½ below average.	(carried over)	



# March 1865.

March	Baro. meter	Wind	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	notes	Rain 1.79
W. 15.	30.10	NE <sub>2</sub>	32		Overcast & snow at 7 am, cloudy all day, & very cold, little sleet at times;	☐ ♂ ♀	•
	-11	NE <sub>2</sub>	34		cloudy night, but fine and less wind.	cold & gloomy.	
Th. 16.	-13	NE <sub>2</sub>	32½		Cloudy but clearer from 9 am, bright at times, and grey clouds, but keen air.	☐ ○ H	
	-13	NE <sub>1</sub>	36		more clouded again after 1 pm, and all the evening.		
F. 17.	-03	NE <sub>1</sub>	27		Sharp white frost, then hazy, cloudy, gloomy, and little snow. Evening clearer, and calm, but a cloudy night.	☐ H ♀	
	-04	NE <sub>2</sub>	34				
	-04	E <sub>0</sub>	40				
S. 18.	-11	ENE <sub>1</sub>	34		Cloudy all day, with a very cold and piercing wind, and a few snow flakes at times. Blowing but fine night.	☐ ○ 4 ☐ 4 ♀	
	-14	E <sub>3</sub>	37				
	-14	E <sub>4</sub>	38				
Su. 19.	-03	E <sub>6</sub>	33		Piercing wind & cloudy, few snow flakes. Blowing hard all day, clearer evening, & freezing more, and sharper at night.	♂ ○ ♀ very cold	
	29.96	E <sub>5.6</sub>	35				
		E <sub>5</sub>	35				
M. 20.	30.10	E <sub>6</sub>	24		Freezing & blowing hard, and quite clear, continued blowing all day, and very piercing. Evening sharper, but less wind. Aurora borealis.	moon last Dr. 0.36 pm. piercing day. Equinox 2.6 pm.	
	-15	E <sub>5</sub>	29				
	-15	E <sub>4</sub>	34				
Th. 21.	-14	NE <sub>1</sub>	21		Severe frost, and clear, day also bright with some light clouds. More cloudy after 4 pm & the evening.	piercing weather.	
	-09	NE <sub>2</sub>	28				
	-09	NE <sub>1</sub>	37				
42126			2033263		Mean Temp 33° 32.	Rain - 1.79	
			466		= 9° under Average.	carried up -	

# March 1865.

March	Baro. meter	Wind	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	notes	Rain 1.79
W. 22.	29.97	NW <sub>2</sub>	28		Snow at times, with hail in hasty storms; and sun bright between the storms.	♂ H ♂	•
		NW <sub>3</sub>	33		Even finer, & wind less.	hail & snow showers.	
	30.02	NW <sub>1</sub>	41		Some snow during night.		
Th. 23.	29.92	NW <sub>1</sub>	27		Clear, frost AM. Some flying hail & sleet showers P.M. and sun between.	Hail & sleet.	
	-90	NW <sub>3</sub>	31				
	-90	NW <sub>1</sub>	41		Fine & calm Evening.		
F. 24.	-87	NW <sub>2</sub>	30		Little sleet at times, but mostly fine & bright, with rocky clouds. Evening finer, and wind less.	little hail.	
	-85	NW <sub>3</sub>	34				
	-85	NW <sub>1</sub>	43		Sharp frost, clear night.		
S. 25.	-90	NW <sub>1</sub>	25		Clear, & keen frost, but soon hazy & heavy clouds, with a change of wind, & gusty.	Distant Thunder P.M.	•
	-54	SW <sub>3</sub>	31		Much snow from 2 pm, & all the evening, with rain.	Snow all P.M. & rain also.	28
	-54	S <sub>3</sub>	41½				
Su. 26.	-32	W <sub>2</sub>	33		Morning fine & hazy till after 9, afterwards blowing hard, and almost continual snow, with heavy gusts of wind, at N.E.	Much snow, & gale, with thunder.	•
	-63	NE <sub>5</sub>	37		Evening the same.		
	-63	NE <sub>6</sub>	39				
M. 27.	30.01	NE <sub>3</sub>	27½		Frost in the morning, the day mostly bright, with cumuli clouds, & cold wind. Sleet showers at a distance.	new moon 5.28 am.	
	-15	NNE <sub>3</sub>	32				
	-15	NE <sub>1</sub>	41		Frosty evening, wind gone.		
	-15	E <sub>0</sub>	41				
Tu. 28.	-18	SE <sub>1</sub>	23½		Keen frost early, & bright till near 12, clouds rocky. Hail & snow in the afternoon, at times. Evening hazy.	♂ 4 ♂ * 1 24 Δ 1 ♂	•
	-20	E <sub>2</sub>	33				
	-20	SE <sub>1</sub>	41½				
41846			194288		Mean Temp 34° 42.	Rain - 2.07	
			482		= About 9° below Average!	carried over -	



# March 1865.

March	Baro. meter	Wind.	Thermom. 8 am	Thermom. 9 am	Weather, &c.	8 pm.	notes.	Rain
W. 29.	30.14	SE <sub>1</sub>	30		Gentler frost, & hazy, with clouds & sun, but mostly bright after 1 pm.			2.07
		SE <sub>2</sub>	35		Some mottled bands of cloud in the eveng.			
	-22	SE <sub>1</sub>	43					
Th. 30.	-31	S <sub>1/2</sub>	24		Sharp frost & clear, continued bright, warm sun, but cold in shade. Eveng hazy but few clouds; calm.			
		NE <sub>1</sub>	32					
	-35	NE <sub>1</sub>	46					
F. 31.	-30	S <sub>1</sub>	27		Frost & some fog early. Cloudy & blue haze till 10-11 am, afterwards sun till 1 pm, afterwards cloudy & cold.			
		S <sub>2</sub>	34					
	-22	SW <sub>2</sub>	53					
18154			81	142	Mean Temp 3 days 37.16.			Rain 2.07

## Barometer.

Highest on the 30<sup>th</sup> - 30.35

Lowest on the 26<sup>th</sup> - 29.32

Range - 1.03

Mean of month - 29.95

Gales on 4 days.

## Thermometer.

Highest on the 31<sup>st</sup> - 53

Lowest on the 21<sup>st</sup> - 21

Range - 32

Mean daily range 11.24

Mean of Month - 36.08

Six degrees under Average.

Winds chiefly N.E., and N.W. - Fine days 16.

Depth of rain 2.07 Inches.

This was the coldest March for 20 years past, and frost more or less on 23 nights, the cold by day was remarkable for being comparatively greater than in the nights, the range very short between night and day extremes. A very unpropitious and unhealthy month, and no start of vegetation. A ship struck by lightning on 26<sup>th</sup>, near Scarborough, Yorkshire.

# APRIL 1865.

April.	Baro. meter	Wind.	Thermom. 9 am	Thermom. 10 am	Weather.	8 pm.	notes.	Rain.
S. 1.	30.13	W <sub>1</sub>	42		Rain at 3 a.m., fine sunny forenoon, very rock & electric clouds. Little shower pm, some hail. Serene Evening.		*H & 73	
		NW <sub>1</sub>	49				Electric clouds.	03
	-17	NW <sub>1/2</sub>	56					
Su. 2.	-19	W <sub>1</sub>	33		Hazy but soon bright, warm & sunny till 1 pm then cloudy & electric.		brimstone butterfly seen at noon.	
		SE <sub>1</sub>	43		The rest of the day clear in the night.			
	-08	SE <sub>2</sub>	54					
M. 3.	29.99	SE <sub>2</sub>	33		Clear, & wind rose after 8. - bright day, with cumuli clouds, & cool breeze, cold drifting fog after 5 pm.		MOON. 1 <sup>st</sup> Dr. 1.19 am. Δ48	
	30.09	SE <sub>3</sub>	46					
		E <sub>3</sub>	52					
Th. 4.	-31	SE <sub>1</sub>	33		Fog till 8 am, then bright, all day, with cirri, and drying breeze. Evening more hazy, & a mild air all night.		8 H & Fair & warm.	
		S <sub>2</sub>	44					
	-29	S <sub>2</sub>	57					
W. 5.	-29	SW <sub>2</sub>	43		Cloudy, warm morn - followed by light rain from 10 am, till after 3 pm. then fair & very mild, evening & night.		*H & 78	
		SW <sub>2</sub>	51				clouded sky at 9 pm.	
	-37	W <sub>1</sub>	55					
Th. 6.	-37	SW <sub>2</sub>	47		Cloudy with sun, and warm close air. Very electric dark clouds in south at eve, and bats on the wing. Clear night.		Fair & warm.	
		SW <sub>3</sub>	54					
	-32	SW <sub>2</sub>	60					
F. 7.	-30	SW <sub>1</sub>	44		Grey clouds, and sun warm and pleasant day. Close and electric from 4 pm. Foggy, Eveng & night.		warm and fine.	
		SW <sub>1</sub>	54					
	-29	SE <sub>1</sub>	61					
42319			275395		Mean Temp 47.85.		Rain can. over	0.34
			670		2 degrees above Average.			



# APRIL 1865.

Mo.	April	Baro. meter	Wind.	Thermom. 9 am	Thermom. 8 pm	Weather, &c.	notes	Rain.
W.	S. 8.	30.24	S. 1.	43		Fog all the morning till 8, very bright & warm day, and hot in the afternoon. Evening rather foggy.	wynneck piping Pawlets Butterfly seen.	0.34
Th.	Su. 9.	-31	S E. 1.	38		Clear, heavy dew, bright all day, and hot all the mid-day. Evening chiefly clear, & night also.	fair & hot.	
F.	M. 10.	-33	S. 1.	44		Clear, very bright and hot for the season. Some electric cumuli at 4.2 pm, wind veered back then to S.E. - Evening chiefly clear.	very fine & hot.	
	Tu. 11.	-41	S E. 1.	35		Clear, heavy dew, very bright and warm day, but more wind than previous days. Very clear evening.	Full moon 4.27 am & Eclipse.	
W.	W. 12.	-24	S. 1.	38		Bright, but distant thunder in N. - 7 to 8 am, very bright & warm day, the evening more hazy.	fair & warm.	
Th.	Th. 13.	-09	S E. 1.	40		Hazy & electric till 10 am, then bright, and hot, with knotty cumuli. Dark electric haze from 5 pm.	Hot.	
F.	F. 14.	-08	SW. 1.	43		Good Friday, Hazy morning bright after 9, hot for the season. Hazy again after 12. Cloudy evening.	Cuckoo sang.	
		42.3.42	NE. 2.	28.1	4.71	Mean Temp 53.71.	Rain. end up 39	
				752		Mean nearly 8 deg above average.		

# APRIL 1865.

April	Baro. meter	Wind.	Thermom. 9 am	Thermom. 8 pm	Weather, &c.	notes	Rain.
S. 15.	30.23	NE. 2.	41		Cloudy, little wet till 10 am, afterwards fine, but cloudy till 4 pm, then clearer. Night fine, with light clouds & haze.	sovereign & cooler.	0.39
Su. 16.	-31	NE. 1.	43				
	-32	NE. 1.	51				
	-32	NE. 1.	42		Easter Sunday. Cloudy till near 10, then bright & very warm all day, and the evening clear, with parching air.	* OH very fine & warm. Cuckoo again.	
	-29	E. 2.	53				
	-29	E. 2.	68				
M. 17.	-15	S E. 3.	48		Very electric clouds, and hot sun, flying shower of large drops at 11. Close day and dark rocky evening.	2 OH Highly electric.	0.4
	-09	S E. 2.	62		Little rain in the night.		0.3
Tu. 18.	-05	S E. 1.	53		Sultry with some dark electric clouds, and hot sun. Distant Thunder.	MOON last Dr 11.20 pm.	
	-07	S. 1.	63		Evening close & cloudy.		
	-07	S. 1.	68				
W. 19.	-30	NE. 2.	47		Fog early, bright after 8 am, & till after 3, then cloudy and cooler all the evening, and more wind.	Δ 04 Nightingale sang.	
	-31	NE. 3.	59				
	-31	NE. 3.	67				
Th. 20.	-30	NE. 1.	42		Fog early, bright day and very warm, and very clear. I set: the night also clear.	very fine & clear.	
	-34	NE. 2.	53				
	-34	NE. 1.	68				
F. 21.	-30	NE. 1.	42		Clear, very bright, and hot, with a few small electric discolored clouds.	Hot, & clear.	
	-27	NE. 1.	59		very clear evening.		
	-27	NE. 1.	70				
	42.3.33		31.5	4.59	Mean Temp 55.28.	Rain -	0.53
			774		Temp 9 above average.	carried over.	



# APRIL 1865.

April.	Baro. meter	Wind.	Thermom. 9 <sup>h</sup> am	Thermom. at 8 pm.	Notes.	Rain
S. 22.	30.28	NE <sub>1</sub> E <sub>2</sub> E <sub>2</sub>	44 63 74		Very clear, and very hot day, with a very light breeze. Sun set in full lustre. Night also clear. —	0.53
Su. 23.	-33 -37	NE <sub>1</sub> NE <sub>2</sub> NE <sub>2</sub>	40 61 71½		Clear, very bright, and very hot, with fresh breeze. Evening also clear, and light breeze. —	ΔHH fair & hot.
Mo. 24.	-37 -40	NE <sub>2</sub> NE <sub>3</sub> NE <sub>1</sub>	41 56 65		Clear, very bright all day, but cooler breeze than of late. Evening much colder & also clear. —	
Tu. 25.	-37 -32	N <sub>1</sub> N <sub>1</sub> SE <sub>1</sub>	36½ 50 67		Fog till near 8 am, then very bright, and so continued all day. Wind veered at 4 pm. clear Evening. —	new moon. 2.13 pm.
W. 26.	-24 -24	SW <sub>1</sub> NW <sub>1</sub> E <sub>2</sub> E <sub>1</sub>	39 61 71		Bright with light haze, and some cirri, but hot for the season. Even's rather hazy. —	
Th. 27.	-25 -20	W <sub>1</sub> W <sub>1</sub> NW <sub>½</sub>	43 62 75		Very bright, and very hot; few electric sap-pled clouds. Somewhat hazy in the Even'g. —	very hot.
F. 28.	-14 -13	NE <sub>1</sub> NE <sub>3</sub> NE <sub>4</sub>	41 59 67½		Fog early then bright, with mixed electric clouds; cloudy Even'g and much colder. —	
423.91			2845.491		Mean Temp 55°. 39. Rain - 0.53	
			775.5		= 9° above Average. ) car. up -	

# APRIL 1865.

April.	Baro. meter	Wind.	Thermom. 9 <sup>h</sup> am	Thermom. at 8 pm.	Notes.	Rain
S. 29.	30.22	NE <sub>3</sub> NE <sub>3</sub> NE <sub>2</sub>	35 50 54		Clouds & sun, with brisk wind, very much colder than for some weeks past. Night cold & in part clear. —	* ♂ ♀ much colder.
Sa. 30.	-77 -76	NE <sub>2</sub> E <sub>2</sub> E <sub>2</sub>	33 47 55		Cloudy, with sun, chiefly bright, but cold, and very opposite to recent weather. Clear Evening, and night. —	bleak air.
120.74			68109		Mean 2 days 44.25. Rain 0.53	

## Barometer.

Highest on 11<sup>h</sup> — 30.41  
Lowest on 3<sup>h</sup> — 29.99  
Range — 0.42  
Mean of Month 30.24  
No gale all the month.

## Thermometer.

Highest on 27<sup>h</sup> — 75°  
Lowest in the morning — 2.3.4.5 30<sup>h</sup> — 33°  
Range — 42°  
Mean daily range — 23.38  
Mean of Month — 52.47  
Six above Average.

Winds chiefly NE and SE. Fine days 25.  
Depth of rain .53 of an inch.

This was a very warm and dry month, and a sudden contrast to the cold monotony of previous months. — It was the warmest April for 21 years past, and moreover the warmest on record, except that of 1844! Consequently vegetation made a most vigorous start, and by the end of the month made up all its lost time. Almost general verdure was attained by the 27<sup>h</sup>; but the usual diseases of Spring prevailed.



# MAY 1865.

May.	Baro. meter	Wind	Thermom. 9 am	Thermom. 8 pm	Weather, &c.	notes	Rain.
M. 1.	30.12	E <sub>2</sub> S E <sub>2</sub> S E <sub>2</sub>	33 54 64		Clear, cold morn'g, continued bright, & much warmer till 1 pm, afterwards mixed clouds & rain at a distance. Warm in night.		
Tu. 2.	-11	S <sub>2</sub> SW <sub>5</sub> SW <sub>2</sub>	45 59 68		Flying clouds, and sun, with boisterous winds, but very warm, and a close Even'g, but less wind.	moon. 1 <sup>st</sup> Dr 4-4 pm.	
W. 3.	-08	S E <sub>2</sub> S <sub>4</sub> S <sub>2</sub>	48 65 73		Thunder in West. 5 am, Dappled clouds, and very gusty winds all day, but very hot & sunny. Flying shower 9 pm.	Thunder. 63	
Th. 4.	-02	S <sub>1</sub> S <sub>1</sub> S <sub>1</sub>	53 58 62		Close morn'g, few rain drops at 7 am, and cloudy day, little rain at times, Even'g finer, but hazy. Rain in the night.		04
F. 5.	29.90	S E <sub>2</sub> S <sub>3</sub> S <sub>1</sub>	52 59 69		Close & rain early, very electric clouds all day, & hot sun at times, between little showers. Hazy & close Evening.	* 3 ♀ 73 03	
S. 6.	30.05	SW <sub>2</sub> SW <sub>2</sub> W <sub>0</sub>	50 63 70		Bright, and very warm with cumuli clouds, & fresh breeze. - Calm clear, and lovely Evening, and very warm.	very fine & warm. 61	
Su. 7.	-17	NE <sub>1</sub> E <sub>2</sub> E <sub>1</sub>	40 61 68		Bright with haze, and light clouds, warm, & pleasant. Even'g cloudy, & rain till 8.	All trees in leaf. Thunder. 58 10 pm.	74
420.79		321.474		Mean Temp 56.78.) Rain car-up. 37			

795 = 4° above Average. -

# MAY 1865.

May.	Baro. meter	Wind	Thermom. 9 am	Thermom. 8 pm	Weather, &c.	notes	Rain.
M. 8.	30.13	E <sub>1</sub> E <sub>1</sub> E <sub>1</sub>	49 62 72		Bright with light electric haze, & very warm. Hot afternoon & clearer, but distant Thunder. Electric and curdled Even'g sky.	Hot, and distant Thunder. Haw-thorn blossoms. 60	37
Tu. 9.	29.80	E <sub>1</sub> S E <sub>1</sub> SW <sub>2</sub>	49 61 68		Rain with thunder & sharp lightning at 5 am; close with blue haze till noon, brighter afterwards, Even'g cloudy & sultry.	Thunder & lightning early AM. 63	30
W. 10.	-70	N <sub>2</sub> NW <sub>1</sub> NW <sub>1</sub>	50 52 54		Cloudy & thick haze, then heavy rain from 8 to 8 1/2 am. afterwards gentle rain at times. Even'g fine, but cloudy.	Full moon 8. 23 pm. 49	25 11
Th. 11.	-68	N <sub>2</sub> NW <sub>2</sub> W <sub>2</sub>	45 50 51		Cloudy, and little rain at times; heavier at 2 pm, afterwards finer, till 6 pm, then haze, & misting.	gloomy & wet. 48	12
F. 12.	-90	SW <sub>2</sub> SW <sub>3</sub> SW <sub>2</sub>	46 52 58		Cloudy, with little sun at times, and flying showers, but chiefly fine, and brisk wind. Clear night.	Stormy air, but finer. 52	03
S. 13.	-72	SW <sub>1</sub> SW <sub>2</sub> W <sub>1</sub>	41 55 62		Bright with rocky cumuli clouds, & fresh breeze. Clear sunset, but some stormy clouds distant.	57	
Su. 14.	-08	NE <sub>1</sub> NE <sub>1</sub> SE <sub>1</sub>	47 52 60		Shower at 3 am, hazy and cloudy day, very little sun. Even'g also cloudy, but clearer night.	53	05
418.84		327.425		Mean Temp 53.71.) Rain - 1.23			

752 = About the Average, - (carried over or rather above.



# MAY 1865.

May.	Baro. meter	Wind	Thermom. 9 Highest am	Thermom. 8pm	Weather, &c.	notes	Rain 1.23
M. 15.	29.85	SE <sub>1</sub> SW <sub>3</sub> W <sub>2</sub>	44 58 58		Bright, morn'g, but hazy and curdled. Little rain at 10 am; and at times in the day. Even'g & night clear from 8 pm.	ohδ *0δ 8H4	03
Tu. 16.	29.91	W <sub>1</sub> SW <sub>2</sub> S <sub>2</sub>	40 58 62		Bright, with rocky cumuli clouds, till noon, hazy after noon & some dusky clouds. Evening chiefly bright, & cool breeze.		
W. 17.	30.00	SW <sub>2</sub> SW <sub>3</sub> SW <sub>2</sub>	45 61 65		Hazy, but soon bright with light clouds, then some heavy clouds, & very warm sun. Even'g bright with cumuli & warm breeze.		
Th. 18.	30.16	W <sub>1</sub> W <sub>1</sub> SE <sub>2</sub>	50 62 67		Bright and warm, with small clouds, wind to SE. at 4 pm. Serene evening, and hazy.	moon last 2r 6.39 am	
F. 19.	30.39	W <sub>2</sub> SW <sub>1</sub> SW <sub>2</sub> S <sub>1</sub>	40 64 73		Clear, heavy dew, very bright day, and hot, with but little or no wind, but more after 4 pm. - streaks of haze in the even'g.	Fair and hot.	
S. 20.	30.52	E <sub>1</sub> E <sub>2</sub> E <sub>2</sub>	47 70 76		Clear, very bright, and very hot, but after 1 pm more breezy. - Even'g and night also breezy.	very hot, & clear.	
Su. 21.	30.25	E <sub>1</sub> E <sub>1</sub> E <sub>2</sub>	50 71 78		Electric & curdled clouds early then bright and very hot, all day; distant thunder clouds pm, lightning SE.	very hot, and clear. lightning night.	
4.22.18		ESE	316	479	Mean Temp 56°.78 Rain cald up 1.26		

795 = About 4° above Average.

# MAY 1865.

May.	Baro. meter	Wind	Thermom. 9 Highest am	Thermom. 8pm	Weather, &c.	notes	Rain 1.26
M. 22.	30.13	SE <sub>1</sub> SE <sub>2</sub> S <sub>1</sub>	53 73 80		Electric, knotty clouds, and bright, and very hot, short showers at 9 am, afterwards bright & extremely hot. Even'g chiefly clear.	Extremely hot. - Thunder NW, 3 pm.	04
Tu. 23.	30.15	SE <sub>1</sub> SE <sub>1</sub> SE <sub>2</sub>	51 71 80		Sultry & dappled, bright after 10 am, and very hot; thunder in SE, from 11 pm; severe storms from 8 till 10 1/2 pm, with severe lightning & thunder.	very hot, & bright thunder evening.	50
W. 24.	30.18	SW <sub>2</sub> SW <sub>1</sub> S <sub>1</sub>	55 62 70		Cloudy, till near 9, then bright, with light cumuli clouds; Evening very bright and serene, and night the same.	heavy moon. 10.49 pm. δ ♀ ♀	
Th. 25.	30.27	W <sub>2</sub> SW <sub>2</sub> S <sub>1</sub>	47 67 73		Calm & bright morn'g, con- tinued, bright, and very hot, and a clear even- ing, with red sunset.	very fine and hot.	
F. 26.	30.22	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	49 68 76		Sun rose red & clear, very hot and bright day, with light cirri clouds. Even'g also very bright.	very hot, dog rose in flower!	
S. 27.	30.04	S <sub>2</sub> SW <sub>2</sub> SW <sub>2</sub>	53 71 78		Dappled & electric, became very hot and clear after 8, some blue haze & more wind after 2; Even'g hazy, and sultry all night.	sultry heat.	
Su. 28.	30.02	SSW <sub>3</sub> SW <sub>4</sub> SW <sub>3</sub>	58 63 71		Close, sultry breeze, and dappled sky, gentle rain at 9 am, then bright and very windy, but warm, and evening chiefly clear.	windy.	03
4.21.75			366	528	Mean Temp 63°.857 Rain cald over 1.83		

894 = Above Average nearly 10 degrees!



# MAY 1865.

May.	Baro. inches	Wind.	Thermom. 9 <sup>h</sup> am	Thermom. 8 pm.	Weather, &c.	Rain notes.	183
M. 29	30.08	SW <sub>2</sub> .	55		Grey scuds & little sun with brisk wind, more bright & hot. aftw 1, and sultry. Evening. Much vivid lightning in P.E. —	Distant Thunder in S.E.	
	29.94	SW <sub>3</sub> .	65				
		S <sub>1</sub> .	72				
Tu. 30	30.75	SW <sub>7</sub> .	59		Sultry & blowing, strong gales from 2 am, till aftw 2 pm, then much less, with mixed clouds, and sun, rich dappled & set.	very galy. till after noon.	
	30.04	W <sub>5</sub> .	64				
		W <sub>2</sub> .	68				
W. 31	30.08	W <sub>1</sub> .	52		Dense electric clouds and sun, showers at a distance, and some rain here in the Evening. —		
		SW <sub>2</sub> .	63				
	30.08	Var. o.	68				.02
179.97			166.208		Mean Temp 3 Days 62.33.	Rain 1.85	

Barometer.  
 Highest on 20<sup>th</sup> — 30.52  
 Lowest on 10<sup>th</sup> — 29.63  
 Range — 0.89  
 Mean of month 30.22  
 One gale on the 30<sup>th</sup>.

Thermometer.  
 Highest on 22<sup>nd</sup> & 23<sup>rd</sup> 80°  
 Lowest on 1<sup>st</sup> — 33°  
 Range — 47°  
 Mean daily range 19.96  
 Mean of Month 58.22  
 5° above Averages.

Prevailing winds S.W.; — Fine days 20: —  
 Depth of Rain 1.85. Inch

## Summary notes on May 1865.

This month with but little exception was very warm, and highly conducive to vegetation, so that all nature quite completed the full equipment of verdure below, and foliage above, and more than made up all lost time: — for although on March 31<sup>st</sup> there were no traces of Spring; yet before the end of May, all was in highest beauty, and one of the earliest Springs ever known! No great sickness prevailing, but rheumatic affections were felt during the electric changes. — Violent thunder storms more generally prevailed, from 21<sup>st</sup> to 24<sup>th</sup> in various parts of Great Britain, and the gale on 30<sup>th</sup> was the sequel to some further thunder storms which had existed about the 28<sup>th</sup>.

The mean Temperature of the month was very high, as shown in foregoing page. —



# JUNE 1865.

June	Baro. meter	Wind.	Thermom. 9 <sup>am</sup>	Thermom. 8 <sup>pm</sup>	Weather, &c	notes	Rain
Th. 1.	30.10	E <sub>2</sub> .	51		Bright, with flying clouds, but soon very hazy & windy, darker clouds, and much cooler. Cloudy night.	moon 1st Dr 8.22 am.	
	29.98	E <sub>4</sub> .	63				
F. 2.	-77	ESE <sub>3</sub> .	51		Much rain from 4 am, & at times heavy till near 8 am; then fair with some sun; Even; low evening & blue haze.	heavy rain AM.	80
	-80	S <sub>2</sub> .	59				
		SW <sub>2</sub> .	63				
S. 3.	30.00	SW <sub>2</sub> .	53		Shower at 12.2 am; flying clouds & sun in the day, warm & bright afternoon. Dark electric clouds at eve.	75	
	-72	W <sub>1</sub> .	63				
Su. 4.	-32	NW <sub>2</sub> .	53		Close morning, clouds, and sun, some dense electric clouds, fine pleasant day. Rather foggy in the night.	close day.	
Whit = Sunday	-42	Var. o	64				
		SE <sub>1</sub> .	68				
M. 5.	-42	SE <sub>2</sub> .	51		Bright, and very hot few small clouds, and very little wind. Calm & sultry evening, and curdled sky.	very hot.	
	-45	W <sub>1</sub> .	71				
		W <sub>o</sub> .	77				
Tu. 6.	-45	W <sub>1</sub> .	63		Thin haze, but very hot and chiefly bright. Curdled and closer evening, night rather clearer.	very hot & sultry.	
	-43	W <sub>1</sub> .	71				
		W <sub>o</sub> .	76				
W. 7.	-45	NW <sub>2</sub> .	57		Bright, but soon hazy and grey clouds, till noon then bright, and cooler breeze. Clear sunset.		
	-57	NE <sub>3</sub> .	64				
		NE <sub>1</sub> .	67				
423	28		37	94	55	mean Temp 61° 75.	Rain 95

864.5 nearly 4° above Average.

carried up

# JUNE 1865.

June	Baro. meter	Wind.	Thermom. 9 <sup>am</sup>	Thermom. 8 <sup>pm</sup>	Weather, &c	notes	Rain
Th. 8.	30.61	Var. o	46		Clear, heavy dew: very bright and hot day sun set red in streaks of haze. - Warm night.	very hot & clear.	
	-55	S <sub>o</sub> .	66				
		S <sub>1</sub> .	77				
F. 9.	-51	W <sub>1</sub> .	57		Bright and very hot, some light clouds, & gentle wind. cooler breeze after 4 pm.	Full moon 9.41 am. very hot.	
	-48	W <sub>1.2</sub> .	74				
		NE <sub>2</sub> .	78				
S. 10.	-35	W <sub>1</sub> .	56		Bright, and very hot, but a fresh breeze, and more clouds after 12, and fies of red cloud at eve.	66	
	-22	NW <sub>3</sub> .	69				
		NW <sub>2</sub> .	75				
Su. 11.	-28	NW <sub>3</sub> .	52		Breezy & cooler with flying clouds, and sun. hasty shower at noon, fine afternoon & evening but very cold.	squally & cool.	03
	-43	N <sub>3</sub> .	60				
		NW <sub>3</sub> .	60				
M. 12.	-51	NW <sub>2</sub> .	42		Slight clouds & sun, with cool breezes, rather warmer afternoon, & less wind from 4 pm calm eve & warmer.	49	
	-53	N <sub>2</sub> .	57				
		NE <sub>o</sub> .	62				
Tu. 13.	-54	NW <sub>1</sub> .	47		Bright, with a few light clouds, and very hot again all the mid day. Evening also very bright, and a clear night.	hot & clear.	
	-51	NW <sub>2</sub> .	67				
		NW <sub>2</sub> .	74				
W. 14.	-52	NW <sub>1</sub> .	47		Cloudy, more or less, till 12; afternoon chiefly bright, & clear evening, but cool.	62	
	-52	NE <sub>2</sub> .	59				
		NE <sub>1</sub> .	66				
426	56		34	74	93	Mean Temp 60°	Rain carried over 98

840 = 2 above Average.



JUNE 1865.

June	Baro- meter	Wind	Thermom. 9 am	Thermometer 8 pm	Weather &c.	notes.	Rain. 98
Th. 15.	30.52 -51	NE <sub>1</sub> 45 SE <sub>1</sub> 65 SE <sub>2</sub> 72			Bright with light clouds, fine & hot: more close and cloudy from 3 pm. Sun set in grey haze. Night rather cloudy. 61	804	
F. 16.	-52 -54	NE <sub>2</sub> 53 N <sub>3</sub> 57 N <sub>2</sub> 63			Cloudy more or less, and a cool breeze. — Afternoon chiefly sun, but the wind cool. Night cloudy. — 55	moon last Dr 11.53 am.	
S. 17.	-53 -48	N <sub>2</sub> 51 N <sub>2</sub> 63 N <sub>2-3</sub> 63½			Cloudy with sun, and brisk wind. More cloudy after 12, so continued all the Evng. & night. — 53	more wind during night.	
Su. 18.	40 -42	N <sub>2</sub> 50 N <sub>2</sub> 53 N <sub>2</sub> 58			Cloudy & misting till 8 am, continued cloudy and very cool, but fine. The Evening the same. — 53		01
M. 19.	-44 -50	N <sub>2</sub> 49 NE <sub>2</sub> 53 NE <sub>2</sub> 67½			Cloudy with sun, very cloudy at 9 & 10, but be- came afterwards clearer, & bright. afternoon. Evening also clear. — 58	* 124	
Tu. 20.	-50 -48	NE <sub>2</sub> 42 E <sub>½</sub> 66 SE <sub>1</sub> 79			Fog early, then bright, and very hot. sudden increase of heat after 12. Clear golden sunset. — 67	* 88	
W. 21.	-49 -50	SE <sub>2</sub> 45 SE <sub>½</sub> 75 E <sub>1</sub> 84			Clear, very bright, and extremely hot, no wind till 3 pm. — Evng clear except a light haze. — Foggy after 9 pm. —	80 H. at 10 am 79° at noon 83° 66 1 pm 84°	
42683		335487			Mean Temp 58° 714)	can up 99	
		822			Above Average slightly.		

JUNE 1865.

June.	Baro. meter.	Wind.	Thermom. 9 <sup>1</sup> / <sub>2</sub> ft. high dew. am.	Thermom. 8 pm	Weather, &c.	notes.	Rain.
Th. 22.	30.57 -44	E $\frac{1}{2}$ . E 1. S E 1.	52 63 77		Fog early, some clouds till after 9 afterwards bright, and very hot, and brilliant. Evening also. — Night hazy. —		.99
F. 23.	-37 -24	S E 1. S 1. W $\frac{1}{2}$ .	51 73 84		Bright with light electric clouds, and excessively hot, at 5 pm, only fallen to 80°. Hazy Evng. few drops of rain during night. —	new moon 7.57 a.m. Excessive heat.	
S. 24.	-25 -30	W $\frac{1}{2}$ . NW $\frac{3}{4}$ . NW $\frac{1}{2}$ . S E $\frac{1}{2}$ .	58 65 68		Bright with mixed clouds, and cooler air, but pleasant afternoon & less wind. Electric clouds all the evening. —	$\Delta \frac{1}{2}$ 8	
Su. 25.	-26 -17	W $\frac{1}{2}$ . W $\frac{1}{2}$ . W 1.	50 64 72		Clouds and sun, pleasant & temperate air. More sun & hot in the afternoon. More electric sky. Close night. —		
M. 26.	-15 -27	W $\frac{1}{2}$ . NW $\frac{1}{2}$ . NW 1. S E 1.	57 64 70		Close morn'g, cloudy, warm breeze, but rather cooler after 9. for a while, then clouds & warm sun. — Even'g cloudy. —		
Tu. 27.	-34 -33	E $\frac{1}{2}$ . S E $\frac{1}{2}$ . S E 1.	54 68 73		Bright, with light clouds, and very hot. More wind and more clouds after 12. Evng again bright. —	$\delta H$ 8 upper current N.W.	distinct on 3 pm
W. 28.	-30 -14	S E 1. S E 1. E 1.	48 67 74		Hazy but soon bright, and hot, with light clouds. Some cirri & haze at Eve. —		
42407		370519		Mean Temp 63° 5.		Rain cal' over .99	
889 = 5° above Average.							



# JUNE 1865.

June.	Baro. inches	Wind.	Thermom. Lowest 9 am	Thermom. Highest 5 pm	Weather, &c	Notes.	Rain.
Th. 29 <sup>29.93</sup>		<b>S E</b> <sub>1</sub> <b>ESE</b> <sub>2</sub> <b>ESE</b> <sub>3</sub> <b>E</b> <sub>2</sub>	51 66 74		Mixed clouds, 8 sun, after 10, became bright & very hot, but more wind. Again cloudy from 2 pm. Rain at 8, and harder at 11 pm.		0.99 30
F. 30 <sup>44</sup>		<b>E</b> <sub>2</sub> <b>NE</b> <sub>2</sub> <b>NE</b> <sub>2</sub>	56 59 59		Cloudy, rain at times gloomy all day, with frequent gentle rain, and some heavier in the Evens.	Δ48 54	20 53
118.58			107	133	Mean Temp 2 days 60°		Rain 2.02

Barometer.  
Highest on the 8<sup>th</sup> 30.61  
Lowest on the 30<sup>th</sup> 29.44  
Range 1.17  
Mean of Month 30.322

No Gale during the month.

Thermometer.  
Highest on 23<sup>rd</sup> 84.5  
Lowest on 12<sup>th</sup> 42.  
Range 42.5  
Mean daily Range 19.31  
Mean of Month 60.92.

Nearly 3° above the Average.

Winds very much divided in all points, and nearly equally so; between W and N rather preponderated, and next to these - the S.E. - Fine days 25. Rain 2.02 In.

Heavy Thunder Showers on 23<sup>rd</sup> Even in Lancashire, and on 30<sup>th</sup> much Thunder near London and Croydon. These were the usual Midsummer Storms. —

# Summary Notes on June 1865.

This was on the whole an extraordinary June especially for the severe drought from the 4<sup>th</sup> to the 29<sup>th</sup> in many parts of England, and for the excessive heat at times, and at other times sudden interventions of cold and cheerless days, with Northerly wind, and much cloud, so that the temperature after all was so far brought down, as nearly to neutralize the effect of the very hot periods of the month. — Great rains fell on the 2<sup>nd</sup> and 3<sup>rd</sup> after which scarcely any, although the sky gave daily signs for it; but every approach to rain was repeatedly set aside by the frequent turn of winds to the North or N.W. Clover and Grass very scanty crops for mowing, and grass feed rapidly died away. It was an unkindly June for farmers and gardeners, and also unhealthy - as producing severe Catarrhs and Rheumatic affections. By the fickle state of the temperatures. The 29<sup>th</sup> & 30<sup>th</sup> brought a return of great rain. —



JULY 1865.

July.	Baro. inches.	Wind.	Thermom. 9 am.	Thermom. 8 pm.	Notes.	Rain.
S. 1.	29.69	NW <sub>3</sub> NW <sub>4</sub> NW <sub>2</sub>	53 58 59		Cloudy & breezy, very blustering, and gloomy, but clearer in the Evening, and night, and less wind. —	moon 1st Dr 1.40 am. 58.0
Sa. 2.	30.10	W <sub>2</sub> W <sub>1</sub> SE <sub>1</sub>	47 64 75		Bright with a few clouds, and very hot afternoon, & cleared 18. at 5 pm. Electric clouds in the Evng.	Fair & hot. 63
Al. 3.	—21	SE <sub>1</sub> S <sub>1</sub> S <sub>1</sub> SSE <sub>1</sub>	53 72 79		Bright with few cumuli clouds, and very hot. Evng close & dark haze SW & W. Fine night & clearer.	*H <sub>1</sub> very hot. 68
Tu. 4.	—78 —73	S <sub>1</sub> S <sub>2</sub> SSE <sub>1</sub>	54 74 83		Bright with light cirri clouds, and very hot; dappled sky in the Evng. very sultry all night.	Extremely hot. — Max 83-2 pm. 5 pm 79 6 pm 76 71
W. 5.	—78 —22	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	62 75 82		Bright with light clouds, and extremely hot; Hazy Evng very sultry & electric all night.	Extremely hot. Max 82-3 pm. 6 pm 77 73
Th. 6.	—20 29.97	S <sub>0</sub> Var. $\frac{1}{2}$ E <sub>1</sub> SE <sub>0</sub>	65 67 74		Very sultry, and rain from 5 $\frac{1}{2}$ till 6 $\frac{1}{2}$ am. — Severe Thunder-storm at 7 $\frac{1}{2}$ & repeated at 9, then fine with distant thunder all day. Rain 9 pm.	Heavy Thunder Storms at 7 $\frac{1}{2}$ and 9 am. — 22
F. 7.	—83 —93	SSW <sub>2</sub> W <sub>2</sub> SW <sub>2</sub> SW <sub>2</sub>	65 67 72		Lowering and very sultry heavy rain 8 to 9 am; then bright and hot, with distant thunder-clouds. Fine Evng & breeze.	Distant Thunder. 66
42101			399 525		Mean Temp. 66°	Rain 1.66 (carried up)

924 = 3° above Average.

JULY 1865.

July.	Baro. meter	Wind.	Thermom. 9 Highest Lanham	Weather, &c.	Thermom. 8pm.	Notes	Rain 1.66
S. 8.	29.97	SW <sub>2</sub> . 58 SW <sub>2</sub> . 67 4.5. WSW <sub>2</sub> 73		Bright, with flying clouds; showery at 8 am, then windy with hot sun. Thunder-storm at 5 pm. in the N. at 7 pm	62	Full moon 8.27 pm. ☐ 1/2 8	.08 15
Su. 9.	30.04	W <sub>1</sub> . 57 SW <sub>2</sub> . 67 SE <sub>2</sub> . 73		Bright, with loose cumuli, very hot till noon, then showery with Thunder at times till evening. & unsettled sky.	60	Hot, with Thunder showers.	.23 18
M. 10.	29.97	SW <sub>1</sub> . 54 SW <sub>1</sub> . 64 W <sub>1</sub> . 67		Hazy & mixed clouds, with sun; very rocky clouds followed by showers, and thunder till 2 pm, after which more fair.	60	Thunder showers.	.12 25
Tu. 11.	29.90	SW <sub>2</sub> . 53 SW <sub>1</sub> . 64 WNW <sub>2</sub> . 67		Cloudy with sun, some showers, & thunder at a distance. Hot sun at times. Night finer.	59	Showers & thunder.	.10 02
W. 12.	30.00	NW <sub>2</sub> . 50 W <sub>2</sub> . 63 W <sub>1/2</sub> . 67 1/2		Bright with cooler breeze, and cumuli clouds. Less wind, and more se- rene and pleasant from 4 1/2 pm. Bright Even'g.	62	very fine	
Th. 13.	29.92	SW <sub>2</sub> . 52 SW <sub>3</sub> . 62 SW <sub>2</sub> . 64		Very hazy, lowering and breezy, more wind, and little rain about noon, finer & closer air from 3 pm, & all evening.	63	close day	.03
F. 14.	29.93	SW <sub>2</sub> . 58 SW <sub>2</sub> . 69 SW <sub>1</sub> . 75 1/2		Bright, with cumuli clouds, and very hot; Even'g hot and elec- tric also, and less wind.	69	very fine and hot.	
420.12		382.487		Mean Temp 62° 07.	Rain — 2.82 Cant over		
869 = slightly under Average							



# July 1865.

July.	Barom. eter	Wind.	Thermom. 9 <sup>am</sup> and 5 <sup>pm</sup>	Thermometer 8pm	notes.	Rain 2.82
S. 15.	30.11	SE <sub>1</sub> SE <sub>2</sub> SW <sub>2</sub>	56 73 83		Bright and very hot, with a fresh breeze, and dappled sky. Extreme heat pm. no cloud. Clear & hot Eve. 74	moon last Dr 4.26 pm. *H <sup>8</sup> Extreme hot.
Su. 16.	-17 -21	SW <sub>1</sub> SW <sub>1</sub> SW <sub>2</sub>	64 73 79		Very sultry & electric, with mixed clouds & sun, and dense blue haze at times. Hot & close. Even <sup>g</sup> , haze gone & nearly calm. Thunder SE. 73	□○h very hot & close. Thunder SE. Evening
M. 17.	-15 -03	Var. o. SE <sub>2</sub> SE <sub>1</sub> E <sub>1</sub>	66 74 78		Thunder & lightning 2 am SE, little shower, very hot and sultry with distant Thunder all day. Wind to West 9 pm & rain at 11 & 12 night. 68	2 am 67.2 7 am 70. noon 78° Thunder all day. 20
Tu. 18.	-01 -05	W <sub>1</sub> SW <sub>2</sub> SW <sub>1</sub>	60 65 73		Cloudy with sun, but chiefly bright and hot, till 4 pm, then cloudy with little light rain at 5 & 6. Fine night. 61	05
W. 19.	29.97 -93	SW <sub>1</sub> S <sub>1</sub> S <sub>1</sub> SSE <sub>1</sub>	58 65 70		Hazy with clouds, and sun, more hazy after 12 distant. Thunder in S. Again clearer from 4 pm, and bright evening. 63	
Th. 20.	-97 30.02	S <sub>1</sub> S <sub>3</sub> S <sub>1</sub>	54 67 74		Clouds & sun, with fresh breeze, but very hot. Hazy Evening, close and less wind. 67	Electric rocky clouds. 67
F. 21.	-04 -02	NE <sub>1</sub> NE <sub>1</sub> Var. o.	57 66 68		Sultry with electric beds of cloud & haze, Thunder in the East at a distance, and in South at 9 pm. 63	
420.73		415.525		Mean Temp 67.14. Rain 3.17		
		940 = nearly 4° above Average.		carried up		

# July 1865.

July.	Baro. meter	Wind.	Thermom. 9 <sup>am</sup> and 5 <sup>pm</sup>	Thermometer 8pm	notes.	Rain 3.17
S. 22.	29.83	NW <sub>2</sub> NW <sub>2</sub> W. WSW <sub>1</sub>	57 59 61.2		Hard rain early AM and till after 7; rain again from 8, & at times hard till 6 pm, then fine night. - after a fall of near 2 inches rain! 57	New moon 6.29 pm. Δ48 1.80 great rain 15 hours.
Su. 23.	-98 30.11	SW <sub>1</sub> E <sub>1</sub> SE <sub>1</sub> SE <sub>2</sub>	55 67 73		Hazy but became bright after 8 am. Hot & close with many clouds, but fine and very pleasant. Close and hazy evening & night. 67	close but fair.
M. 24.	-26 -32	Var. o. SE <sub>2</sub> SE <sub>1</sub> & o.	60 64 74		Rain & fog between 6 & 7 am, very electric, but fair and hot from 9 am, sun at times, distant thunder. Storm West at 4 pm. - Even <sup>g</sup> bright, with dappled sky. 65	Thunder in NW. & W. 4 pm. 12
Tu. 25.	-40 -43	SE <sub>1</sub> E <sub>1</sub> ESE <sub>1</sub> ESE <sub>0</sub>	55 69 75		Fog early, bright from 8 am, and very hot, no clouds except a few cirri in NE. Very bright & calm Evening and the night fine. 67	*H <sup>8</sup> very fine and hot.
W. 26.	-48 -47	E <sub>1</sub> E <sub>1</sub> E <sub>1</sub>	56 67 76		Fog early, then bright all day, and very hot, and the Evening cloudless, and pure golden sunset. 67	very hot & clear.
Th. 27.	-40 -34	SSE <sub>1</sub> SW <sub>1</sub> SW <sub>1</sub> W <sub>2</sub>	54 74 82.2		Bright with thin haze, and extremely hot, some electric cumuli after 1 pm, and cloudy Even <sup>g</sup> , and a dark haze, but night clear. 70	extremely hot.
F. 28.	-39 -32	W <sub>2</sub> W <sub>2</sub> W <sub>0</sub>	54 66 70		Bright with light breeze, and loose cumuli. - more clouds about noon, calm & hazy Even <sup>g</sup> . - 64	fair but cooler.
423.67		391.513		Mean Temp 64.57. Rain 5.09		
		904 = 1.27 above Average.		carried over		



# July 1865.

July.	Baro. meter	Wind.	Thermom. 9 <sup>am</sup> Highest.	Thermom. 8 <sup>pm</sup> .	Notes.	Rain
S. 29.	30.28	W <sub>2</sub> .	55		Hazy, but some sun, clearer after 10, chiefly bright, and very hot: and the Evening the same, but less wind.	5.09
	-12	W <sub>2,3</sub> W <sub>1</sub> .	67	77	very hot & fine.	
Su. 30.	-11	W <sub>2</sub> .	59		Bright, with light clouds, and brisk breeze, some thicker clouds & cooler at times. Brighter Eve- ning and less wind.	moon. 1 <sup>st</sup> 2 <sup>nd</sup> 7.9 pm.
	-17	W <sub>3</sub> W <sub>1</sub> .	66	71		
M. 31.	-02	SW <sub>1</sub> W <sub>1</sub> N <sub>1</sub> Var. o.	53	64	Hazy, with electric clouds, wind veered at noon to N, cloudy & cooler, then dew at a distance, and rain here in the Evening.	* H & ♀ wet Ev. & bright.
	29.83		64	64		31
18048			167	213	Mean Temp. 3 days 63.33.	Rain 5.40

## Barometer.

Highest on 26<sup>th</sup> 30.48

Lowest on 1<sup>st</sup> 29.69

Range — 0.79

Mean of Month 30.09

No Gales this month.

## Thermometer.

Highest on 4<sup>th</sup> & 15<sup>th</sup> 83°

Lowest on 2<sup>nd</sup> am 47°.

Range — 36°.

Mean daily range 16.64

Mean of month — 64.79

nearly 1½ above Average.

Prevalent winds S.W., S.E., & W. — Fine days — 20.

Depth of rain 5.40 Inches.

# Summary Notes on July 1865.

This was a true summer month of great heat and copious showers at intervals, to the benefit of vegetation, and a happy supply to replenishing the rivers and pools.

Most remarkable — Suffolk had very much more rain than many other parts.

In London the fall of rain was not half what it was in Suffolk, and to account in part for this, when we had 1.34 Inch on the 6<sup>th</sup> — during the Midsummer storm closing, there was very little in London, and on 22<sup>nd</sup> when we had 1.80, from the 15 hours rain, it was quite fine in London! Many days of extreme heat occurred, and no cool nights all the month, so that the mean temperature was nearly 1½ above average. — Corn crops fit for being cut at the month's end, and about a fair average produce, but not equal to the two previous years. Public health moderately good, and no great prevalence of the usual disorders of Summer.



# August 1865.

Aug.	Baro. meter	Wind.	Thermom. 9 am.	Thermom. at 8 pm.	notes	Rain.
Tu. 1.	29.69	NW <sub>3</sub> .	51		Rain from 1 to 3 am, and again from 7 till near 9 am, then fine, & some sun. Thunder S. 6 pm.	-41 49
W. 2.	-32	SW <sub>1</sub> .	61		Hazy, many clouds, & heavy showers, with distant Thunder. with little sun at times. Foggy night.	18 11
Th. 3.	-31	NW <sub>1</sub> .	45		Fog early, slowly cleared off by 11 a.m., then at times bright, electric and rocky clouds, with Thunder S. 5 1/2 pm.	55 65
F. 4.	-92	NW <sub>2</sub> .	48		Heavy showers 4 pm hot sun at 8 and 9, then squally & flying showers in the middle of the day. Evening bright.	32 25
S. 5.	-21	W <sub>1</sub> .	45		Bright, with cumuli clouds, hot afternoon. and very bright and serene evening. Some fog during night.	very fine 64
Su. 6.	-17	SW <sub>2</sub> .	51		Fog early, then bright, with dappled clouds, & lumpy cumuli, hot and electric, and the evening close & hazy.	68 73
Mo. 7.	-01	S <sub>1</sub> .	59		Sultry morn., and a gentle rain early, be- came bright after 11, very heavy storm 2 pm & violent thunder, and lightning & thunder 8 pm.	Full moon 5. 29 am. Heavy storm & thunder. 14 32 04
41974	29.97	Var. o.	73		Mean Temp. 57.928	Rain 2.26

811 = 4 below Average, - carried up  
nearly.

# August 1865.

Aug.	Baro. meter	Wind.	Thermom. 9 am.	Thermom. at 8 pm.	notes	Rain.
Tu. 8.	30.07	W <sub>2</sub> .	54		Blue haze, & grey clouds all the morn., bright & hot afternoon, but many clouds. Evening serene & pleasant. Fine night.	2.26
W. 9.	-12	Var. o.	70		Bright, with electric clouds, and blue haze, hot afternoon, & clearer. Calm and warm Eve- ning.	64 65
Th. 10.	29.95	SE <sub>1</sub> .	55		Hazy & electric till 10, then bright and very hot, till after 4. Cloudy evening, rain, thunder & light- ning at 11 pm.	rain at 7.8 pm thunder- storm at 11 pm. 40
F. 11.	-78	SE <sub>1</sub> .	61		Sultry with blue haze, bright and very hot, after 9 am, but many clouds, and distant rain. Fine evening & night.	68 67
S. 12.	30.03	SW <sub>2</sub> .	55		Bright till 1 pm, with cumuli, afterwards cloudy & less bright, but hot. Evening rainy from 6 to 9 pm. Night finer.	64 43
Su. 13.	-93	SSW <sub>3</sub> .	66		Bright & hot sun, with flying clouds. Rocky & electric in the PM. Evening bright and less wind.	moon last Dr. 9. 42 pm. 048
Mo. 14.	-91	S <sub>3</sub> .	56		Lowering & squally sky clearer after 10, hot and sunny all the mid day. Calm evening, some elec- tric clouds.	Fair & hot pm. lightning evening. 66
41940	-95	SW <sub>2</sub> .	73		Mean Temp. 63.428	Rain 3.09

888 = 1.4 above Average. - carried over



# August 1865.

Aug.	Baro. meter	Wind.	Thermom. 9 am	Thermom. 8 pm	Notes.	Rain
Tu. 15.	29.88	S <sub>3</sub> S <sub>3</sub> SSW <sub>2</sub>	53 62 68		Close lowering morn. light rain drifting at times till after 1 pm then fine, sultry & cloudy. Rain again in the night.	14 13
W. 16.	-78 -85	W <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	56 65 71		Bright and hot till after 1, with rocky clouds, then a sudden shower, & another at 5, some thunder. Night fine.	06 02
Th. 17.	-93 -89	WSW <sub>2</sub> WSW <sub>1</sub> SW <sub>3</sub>	54 64 65		Clouds & sun, shower at 12, and a cloudy and dripping after- noon, & windy night.	09 04
F. 18.	-85 30.01	W <sub>5</sub> NW <sub>3</sub> NW <sub>1</sub>	57 62 67		Windy, with rocky clouds and sun, less wind after 1 pm, and more sun. Calm and sunny evening.	*OH Fine.
S. 19.	-08 -09	N <sub>1</sub> NW <sub>2</sub> NW <sub>2</sub> Var. o.	50 58 71		Fog till after 10, then bright and hot sun with cumuli clouds. Calm sultry evening, and hazy on W horizon.	very fine.
Su. 20.	-00 29.93	SE <sub>1</sub> SE <sub>2</sub> SE <sub>0</sub>	56 67 74		Fog early, bright and hot after 8. Very fine and very hot afternoon. Sultry & thick evening Rain from 8 to 11 pm.	very fine and hot. wet night.
M. 21.	-85 -87	W <sub>2</sub> W <sub>2</sub> W <sub>0</sub>	60 67 73		Bright and hot, with rocky electric clouds, Heavy evening, and dark clouds. Foggy night.	new moon 7.17 a.m. 66
418.68			386.489		Mean Temp 62.5.	Rain 3.92

875 = Slightly above  
Average. —

# August 1865.

Aug.	Baro. meter	Wind.	Thermom. 9 am	Thermom. 8 pm	Notes.	Rain
Tu. 22.	29.90 -88	Var. o. NW <sub>1</sub> NW <sub>1</sub> SE <sub>1</sub>	57 63 72		Very foggy till near 10, then bright & hot. Heavy thunder at 2 pm, & SE at 3. - Bright evening till 7, then cloudy, and night foggy.	Thunder distant.
W. 23.	-80 -66	ESE <sub>2</sub> E <sub>3</sub> E <sub>2</sub> NE <sub>2</sub>	56 66 68		Fog early, bright & hot from 7 am, till 9 am, then many electric clouds, and from 4 pm, rain all evening, and very hard all night.	Electric shies. wet eve. & night.
Th. 24.	-84 30.04	SW <sub>2</sub> W <sub>1</sub> Var. 1. W <sub>0</sub>	57 61 65		Heavy rain continued till after 6 am, and more gentle till 9 am. then fine with distant showers & thunder, some fog during night.	1.72! rivulets overflowed.
F. 25.	-17 -28	NE <sub>1</sub> FNE <sub>2</sub> E <sub>1</sub> E <sub>0</sub>	56 64 69		Fog early, bright with light clouds, and others very rocky. Calm and bright evening, and fog in the night.	Fine.
S. 26.	-39 -40	E <sub>2</sub> SE <sub>1</sub> SE <sub>2</sub>	51 68 75		Fog early, after 7 very bright, and hot, and more so after 11, and all the afternoon. Clear evening and night.	*OH fair & hot.
Su. 27.	-36 -24	SE <sub>1</sub> S <sub>1</sub> SE <sub>1</sub>	53 69 76		Bright and very hot, no clouds & but gentle wind. - Some beds of cir- ri at sunset, and very close night.	*♀♀ very hot. & clear.
M. 28.	-06 29.95	SE <sub>1</sub> SW <sub>3</sub> SW <sub>1</sub>	57 67 70		Heavy & sultry, soon cloudy with rain at 9, and at 11, but a fine sultry and close afternoon. Cool night, & WNW.	Sultry & thunder. AM. in S. —
420.77			387.4953		Mean Temp 63.035.	Rain 5.67

882.5 = Fully 1 above  
Average. —



# August 1865.

Augt.	Baro. meter	Wind	Thermom. 9 <sup>h</sup> am	Thermom. 8 pm	notes	Rain 5.67
Tu. 29.	30.08 -21	NW <sub>3</sub> NW <sub>2</sub> NE <sub>0</sub>	53 58 62		Cloudy, little sun, and cooler breeze, but this evening bright, serene and pleasant.	moon 1st 2r 11.46 am.
W. 30.	-30 -44	NW <sub>2</sub> NW <sub>2</sub> Var. 0.	51 58 65		Clear but some clouds followed after 8, then again bright and warm, with cumuli clouds. Calm & bright Even. 3. 61	very fine.
Th. 31.	-38 -21	SW <sub>1</sub> WSW <sub>3</sub> WSW <sub>4</sub>	51 62 70		Some fog early, bright after 9 am, & very warm till 2 pm, afterwards more clouds & wind. Close Even. 3, & night.	☐ 1/2 ♀
181.62			155	197	Mean 3 days 58° 66.	Rain 5.67

## Barometer.

Highest on 30<sup>th</sup> 30.44  
Lowest on 23<sup>rd</sup> 29.66  
Range — 0.78  
Mean of Month — 30.00

No gales during the month.

Prevalent currents below were the NW, W, & SW.  
Fine days 20. Depth of Rain 5.67 Inches.

## Thermometer.

Highest on 27<sup>th</sup> 76°  
Lowest on 3<sup>rd</sup> 45°  
Range — 31°  
Mean daily range 15.87  
Mean of Month — 61.41

About 1/2 a degree below Average.

# Summary Notes, August 1865.

This month produced an unusually large amount of rain, although 20 days were fine during the time the sun was above the horizon, but the vast depth of rain fell in very heavy thunderstorms, and in the continuous downfall of the 23<sup>rd</sup> night, on which occasion alone, we had very nearly 1 3/4 Inches. — And marvellous it was, that near Beccles & Nalesworth, — a further fall of 2 Inches occurred in a thunder-storm on 24<sup>th</sup> making a total there of 3 1/2 Inches or more in 24 hours! This surpasses all ever noted in Suffolk, and produced alarm by a destructive flood in those parts. Yet the month was warm with several bright periods, and the temperature about the Average, or 1/2 a degree below only. Corn Harvest chiefly over before the above immense rain, and chief of the wheat good and some well secured. But some remained of Barley and Beans exposed to the wet, and was fairly secured by the end of the month, as brighter skies returned on 25<sup>th</sup>. A woful mortality prevailed among "Neat Stock" from "Murrain" or "Cattle Plague", all the latter half of this month, but Public Health was generally on the mean of safety.



# September 1865.

Sept.	Baro. meter	Wind.	Thermom. Lowest 9 Highest am.	Weather &c.	Thermom. 8 pm.	Notes.	Rain
F. 1.	30.19	W <sub>3</sub> . WNW <sub>5</sub> WNW <sub>2</sub>	58 62 67½	Blowing all day, more or less, but fine, with sun at times; less wind after 4 pm. - Very close night. -	62	□ 48 windy.	
S. 2.	-22	W <sub>2</sub> . W <sub>3</sub> . W <sub>1</sub> . & 0.	60 70 76	Sultry morn'g, and cloudy, but soon bright and very hot, with light clouds. Sun red in thin haze. -	68	very hot.	
Su. 3.	-33	W <sub>½</sub> . W <sub>½</sub> . W <sub>0</sub> .	56 67 74½	Bright, with flimsy gray clouds, very hot. Sultry & calm. Even'g the same. - Very pleas- ant & lovely day. -	68	very hot & close.	
M. 4.	-31	S <sub>½</sub> . S E <sub>1</sub> . S E <sub>1</sub> .	59 67 78	Fog more or less, and sultry morn'g. very hot day, & chiefly sun after 11, very bright. Even'g, fog in night. -	68	□ 48 very hot.	
Tu. 5.	-28	S E <sub>0</sub> . W <sub>1</sub> . W <sub>½</sub> . SW <sub>0</sub> .	56 70 76	Fog early, bright after 7, & very hot. - More clouds after 10, yellow haze & brighter pm. Sultry & hazy Even'g. -	68	Full moon 1.52 pm. very hot.	
W. 6.	-29	SW <sub>½</sub> . SW <sub>1</sub> . S <sub>1</sub> .	54 70 79	Clear, very hot, and bright, all day, and sun set in full golden lustre. and clear night. -	69	Extreme heat.	
Th. 7.	-25	S E <sub>1</sub> . S E <sub>1</sub> . S <sub>0</sub> .	57 73 82½	Very bright, and ex- tremely hot, and the Even'g & night oppressive more bright, and curdy white clouds from E.	72	* 8 ♀ Excessively hot.	
42383 4005335 Mean Temp 66° 678. Rain 0. -							

933.5 = more than 8° above  
Average!

# September 1865.

Sept.	Baro. meter	Wind.	Thermom. Lowest 9 Highest am.	Weather, &c.	Thermom. 8 pm.	Notes.	Rain
F. 8.	30.17	S E <sub>1</sub> . SSE <sub>1</sub> . SSE <sub>2</sub> . & 1	63 77 84½	Very bright, and excessive heat, gentle wind, and no cloud. Very oppres- sive. Even'g & night, and lightning in South. -	73	Th. 8 am 73° 10. - 80° noon 84° 2 pm 84½° 9 pm 71.	0. -
S. 9.	-17	SSE <sub>½</sub> . SW <sub>1</sub> . SW <sub>2</sub> . SW <sub>0</sub> .	62½ 70 76	Lightning & Thunder S. at 4 am, passed off S.E. very bright and hot day. Sultry Even'g & night, and heavy clouds. -	68	Upper current from S.W. & which became the lower, from 9 am.	
Su. 10.	-22	SW <sub>2</sub> . SW <sub>3</sub> . SW <sub>2</sub> .	61 69 79	Hazy & a sultry breeze, became bright after 10, so continued, and very hot, - with a brisk wind, and light clouds. Very sultry night. -	69	very close and hot day & night.	
M. 11.	-41	W <sub>2</sub> . W <sub>1</sub> . W <sub>0</sub> .	65 69 75	Sultry & cloudy, became bright after 10, but again close & very sultry. Evening brighter, calm, & close. -	67	very sultry.	
Tu. 12.	-53	W <sub>0</sub> . NE <sub>0</sub> . SE <sub>1</sub> .	57 70 76	Bright, & very hot, lit- tle or no wind, and very few clouds. Clear morn- ing, but little haze on the horizon. -	65	moon last. Dr 4.57 am.	
W. 13.	-49	SE <sub>½</sub> . S <sub>1</sub> . SW <sub>0</sub> .	61 68 77	Blue fog & gray clouds more or less till 11 am brighter, afternoon, and very hot, & sultry. Sun set in purest lustre. -	69	□ 04 very sultry.	
Th. 14.	-43	E <sub>1</sub> . E <sub>1</sub> . ESE <sub>2</sub> .	55 65 75½	Very thick fog, cleared off after 9 am; bright, and very hot. Sun set red and clear, and the night clear & breezy. -	66	very hot.	
42489 4245543 Mean Temp 69° 107. Rain 0. -							

967.5 = 11 above Average!



# September 1865.

Sept.	Baro. meter.	Wind.	Thermom. 9 am	Thermom. at 8 pm	Notes.	Rain 0. —
F. 15.	30.40	S E <sub>2</sub>	61		Bright all day, no clouds, & extremely hot, with a parching breeze. Clear & hot. Even <sup>g</sup> . Fine night.	very hot. & clear.
	-38	S E <sub>2</sub>	72			
		S E <sub>2</sub>	78			
S. 16.	-32	S E <sub>1</sub>	61		Bright and excessively hot, few thin cirri clouds, & very little wind. Electric, even <sup>g</sup> . knotty clouds & haze.	extreme heat continued. 10 to 11 9 pm
	-31	Var. o.	74			
			82			
Su. 17.	-40	W <sub>1</sub>	60		Some fog early, very bright day, and very hot. Little more wind at 4 pm. Even <sup>g</sup> calm, with red streaked sky.	still very hot.
	-46	NE <sub>1</sub>	69½			
		NE <sub>2</sub>	76			
		1 & o.				
M. 18.	-53	NE <sub>1</sub>	52		Fog early, very bright from 6 am, all day & very hot. Sun set clear, & deep orange tint. Clear night.	slight moderation of the heat.
	-55	NE <sub>1</sub>	66			
		E <sub>1</sub>	73			
Tu. 19.	-57	S E <sub>1</sub>	51		Cloudy till after 8 am, then bright, and very hot. but cooler even <sup>g</sup> , & very clear sun set, and night.	new moon 10.46 pm.
	-51	S E <sub>2</sub>	66			
		E <sub>1</sub>	73			
W. 20.	-38	S E <sub>2</sub>	4½		Fog till 6, then bright, and very hot all day with a fresh breeze. Thin bands of cloud rising W. at eve.	first shock of hot period.
	-22	S E <sub>2</sub>	68			
		S E <sub>1</sub>	75			
Th. 21.	-20	NW <sub>2</sub>	53		Cloudy, and cool, with brisk wind, and but very little sun, even <sup>g</sup> and night cloudy.	Δ 4♀ change.
	-37	NW <sub>2</sub>	61			
		N <sub>2</sub>	63			
	42.560		38.55	520	Mean Temp 64.678.	Rain 0. —
			905.5		= nearly 7° above Average.	

# September 1865.

Sept.	Baro. meter.	Wind.	Thermom. 9 am	Thermom. at 8 pm	Notes.	Rain 0. —
F. 22.	30.43	NW <sub>1</sub>	55		Clouds and sun, with a cool breeze. Less of clouds after 1, bright, but hazy. — Calm evening and clear.	Horse-chambr & Hazel leaves falling fast.
	-51	N <sub>2</sub>	61			
		NE <sub>0</sub>	64½			
S. 23.	-57	NE <sub>1</sub>	43		Dewy & much cooler morning clouds & sun but fine, and pleasant day. Cloudy even <sup>g</sup> , & nearly calm.	still dry & parching.
	-59	NE <sub>2</sub>	56			
		NE <sub>1</sub>	66			
Su. 24.	-60	E <sub>1</sub>	51		Bright with light clouds, and parching air. Very clear evening, and a dazzling sunset. Fog in the night.	very parching weather.
	-62	E <sub>2</sub>	64½			
		E <sub>1</sub>	68			
M. 25.	-57	E <sub>1</sub>	45		Fog till 7, then bright, and hot, with gentle breeze. Sun set in full lustre.	still very fine.
	-55	E <sub>1</sub>	65			
		E <sub>1</sub>	71			
Tu. 26.	-46	ESE	46		Fog till 7, then bright and hot, no clouds and the sun set in fullest splendour.	heat again returning.
	-39	S E <sub>2</sub>	66			
		S E <sub>0</sub>	73			
W. 27.	-31	S E <sub>1</sub>	46		Fog till near 7, then bright, and very hot, and clear golden sunset as before. Fog came on at 8 pm.	□ ◯ H very hot.
	-27	S E <sub>1</sub>	65			
		S E <sub>0</sub>	73½			
Th. 28.	-30	NE <sub>1</sub>	45		Great fog till after 8, and not clear till 10, then clouds & sun, pleasant afternoon. Even <sup>g</sup> cloudy.	moon 1st Dr 2.47 am * ½♀
	-33	NE <sub>2</sub>	59			
		NE <sub>2</sub>	69			
	42.650		331.485		Mean Temp 58.284.	Rain 0. —
			816		= still slightly above Average.	



# September 1865.

Sept.	Baro. meter	Wind.	Thermom. lowest. 9 am	Thermom. Highest	Weather, &c.	Notes.	Rain. 0—
F. 29.	30.39	E. 1.	55		Close & cloudy morn'g, clearer after 11, grey clouds and hot sun.	Still very dry & fine.	
		E. 2.	61		Evening quite cloud- y & gentle breeze.	59	
	-37	E. 2.		68			
S. 30.	-32	NW, 48			Cloudy morn', or less, but little sun - yet calm & pleasant.	□ 4 ♀	
		NW, 57			Evening clear morn- light.	56	
	-23	NE, 63					
12131			103	131	Mean Temp 2 days 58.5.		
					Rain - None!		

Barometer.  
Highest on the 24<sup>th</sup> 30.62  
Lowest on the 8<sup>th</sup> 30.10  
Range — 52  
Mean of month 30.368  
No gale during the month.

Thermometer.  
Highest on the 8<sup>th</sup> 84° 5'  
Lowest on the 23<sup>rd</sup> 43°  
Range — 41.5  
Mean daily range 18.98  
Mean of month 64° 27.5'  
6¼ above Average.

Prevailing winds the S.E. with variation about E.  
Fine days 30!, No Rain here all the Month!

The remarkable drought and heat of this month must stand on record to posterity as a wonderful fact; its dryness beyond any known case of any month, and its heat outdid that of any September also! —

# Notes on the Magnificent and Notably hot month of September 1865.

This entire month was one continued reign of drought, brightness, and heat, surpassing any September on record! This is saying much, but it is the fact which defies dispute. —

September when chiefly fair, is our most enchanting period, but in 1865, it may be said to have been the very Climax of loveliness and delight! — In a Radius of about two miles round Shewate - no rain fell all the month, this is the first time I ever noted such an instance of any month in above 40 years! — But in some Southern parts of England, a little rain fell once or twice. — Not only was it dry, but constant sun and purest skies, and night and day together, a uniform state of very high temperature. — On three days above 80° and up to 84½°, on 19 other days it was between 70° and 80°, and mostly about from 76° to 79°, and the remaining 8 days were very warm, and mostly from 65° to 69°. — The weekly means as given at foot of pages are notably high, and that of the month 64° 27.5' — completes the wonder of the month. —



# October 1865.

Oct.	Baro. meter	Wind.	Thermom. Lowest.	Thermom. 9 am	Thermom. Highest.	Weather, &c.	Notes.	Rain.
Su. 1.	30.18	E <sub>1</sub>	49			Fog till 7, then bright, and hot all day, with a few small electric clouds. Sun set clear but red clouds about.	*H♀ Still very dry.	
	-14	E <sub>2</sub>		62				
		E <sub>1</sub>			69			
M. 2.	-13	E <sub>0</sub>	50			Fog early, bright after 7, so continued and hot for the season. Sun set clear, & a bright moon light evening.	*4♂ Dry & hot.	
	-20	E <sub>2</sub>		62				
		E <sub>1</sub>			68			
Tu. 3.	-28	E <sub>0</sub>	46			Fog till near 8, then bright all day, very warm, but breezy. Cloudy evening and breezy. ENE after sunset.		
	-37	E <sub>2</sub>		63				
		E <sub>3</sub>			67			
W. 4.	-35	S E <sub>1</sub>	48			Great fog till after 7, then bright, and hot all day, and brilliant sun set. Clear night.	Full moon 10.31 pm. & Eclipse.	
	-33	S E <sub>2</sub>		63				
		S E <sub>1</sub>			70			
Th. 5.	-27	S E <sub>2</sub>	46			Clear, very bright, with hot sun, and parching breeze. Sun set clear, and very clear and cooler night.	very fine	
	-22	S E <sub>2</sub>		61				
		S E <sub>1</sub>			66			
F. 6.	-22	E <sub>1</sub>	39			Clear, & little frosty, early A.M. but hot in the day, & quite clear as before. Sunset the same.		
	-20	S E <sub>2</sub>		58				
		E <sub>1</sub>			66			
S. 7.	-13	NE <sub>0</sub>	40			Clear, very bright, and parching still, as it has been long before, but very warm at mid-day. Rather hazy in the night.	□H♀	
	-02	S E <sub>2</sub>		59				
		S E <sub>3</sub>			65			
		S E <sub>1</sub>						
4.2304			318471			Mean Temp 56° 35'.)	Rain. - 0" -	

789 = About 4 above Average. -

# October 1865.

Oct.	Baro. meter	Wind.	Thermom. Lowest.	Thermom. 9 am	Thermom. Highest.	Weather, &c.	Notes.	Rain.
Su. 8.	29.77	S E <sub>1</sub>	47			Very red morn'g. Hazy and streaked from SW, and some clouds till after 1. - then a bright & very warm after noon. Electric clouds in the even'g - and night.	Still very warm & pleasant lightning South. 9 pm.	0" -
	-67	S E <sub>2</sub>		60				
		S E <sub>0</sub>			65			
M. 9.	-64	S E <sub>1</sub>	54			Electric with rain at 6, and 8 am; close & lowering day, very little sun. Evening sultry with rain heavy at times & also all night.	great change.	10
	-58	S E <sub>2</sub>		62				
		E <sub>2</sub>			65			
Tu. 10.	-52	SW <sub>1</sub>	56			Heavy rain in sudden falls all the past night, lightning & thunder. Fine warm day & electric clouds. Hazy evening & night.	much rain. (sultry day.)	1.60
	-33	S <sub>2</sub>		60				
		S <sub>2</sub>			65			
W. 11.	-47	SSE <sub>1</sub>	55			Close & cloudy, squally rain at times, but finer P.M., and chiefly sun. Evening rather cloudy & breezy. Lightning in E. - 8 pm.	moon last Dr. 3.22 pm.	08
	-43	S <sub>3</sub>		61				
		S <sub>3</sub>			64			
Th. 12.	-50	SW <sub>3</sub>	53			Showery at 2 & 5 am, and lowering and squally with rain at times till noon. Fine afternoon, and became bright after 3 pm.	stormy.	20
	-68	SW <sub>4</sub>		56				
		SW <sub>2</sub>			58			
F. 13.	-72	SW <sub>2</sub>	42			Clear, bright morn'g, and fine day, with sun, and cloud. - short shower at 8 pm from NE. - then a fine night.		03
	-88	W <sub>1</sub>		52				
		NE <sub>1</sub>			59			
		& 2.						
S. 14.	30.02	NW <sub>1</sub>	47			Bright with clouds at times, but mostly sun till 1 pm, then more cloudy, and little rain in the evening.		02
	-08	NW <sub>1</sub>		54				
		N <sub>0</sub>			58			
41549			354434			Mean Temp 56° 28.5.)	Rain cal over 2.26	

788 = Still 4 above Average.



# October 1865.

Oct.	Baro. meter	Wind.	Thermom. at 9 am	Thermom. at 8 pm	notes.	Rain 2.26
Su. 15.	30.05 -10	NE <sub>0</sub> NW <sub>1</sub> NE <sub>0</sub>	47 53 58		Fog early, bright after 7 am, fine sunny, and pleasant, with a few grey clouds. Night in part clear.	
M. 16.	-08 29.95	SE <sub>0</sub> SW <sub>1</sub> SW <sub>1</sub>	40 51 57		Fog, & electric dark clouds till 10, then bright till 12, afterwards hazy & cloudy. Strong blue haze from 4 pm, cloudy night.	
Tu. 17.	-54 -41	SE <sub>2</sub> SE <sub>4</sub> SW <sub>2</sub>	52 56 61		Rainy morn'g, gusty wind & heavy rain at 10 am, cleared up at 11, bright, afternoon, rocky clouds & thunder NW.	Thunder .78
W. 18.	-34 -29	NE <sub>0</sub> NE <sub>1</sub> NE <sub>2</sub>	47 50 55		Electric & foggy morn'g, cloudy & rain at times in the afternoon, and much rain in the night.	*0.24 □.24 *4.8 30
Th. 19.	-20 -77	N <sub>3</sub> NW <sub>3</sub> NW <sub>6</sub>	50 53 54		Very rainy, continual and mostly hard all day & great floods. Evening fine after 6, and the night clear.	new moon 4.27 pm. ΔH.8 Great flood. 1.67
F. 20.	-51 -67	W <sub>2</sub> W <sub>3</sub> W <sub>1</sub>	37 44 51		Bright with flying clouds and cold wind. Short flying showers pm, and distant Thunder in N.	Thunder. 04
S. 21.	-75 -78	W <sub>1</sub> SW <sub>1</sub> SW <sub>2</sub>	37 44 47		Hazy, thick & rain at times till 1 pm, finer afterwards, but much cloud. Hazy night.	07
414.84		310.383		Mean Temp 49.5. Rain 5.12		
		693		= 22 below Average. (carried up)		

# October 1865.

Oct.	Baro. meter	Wind.	Thermom. at 9 am	Thermom. at 8 pm	notes.	Rain 5.12
Su. 22.	29.70 -69	NE <sub>2</sub> NE <sub>2</sub> NE <sub>3</sub>	40 46 50		Cloudy, and gloomy, with light rain at times, but very hard in the evening, and part of the night.	Ash leaves falling. 1.03
M. 23.	-72 -82	N <sub>1</sub> N <sub>1</sub> N <sub>1</sub>	45 50 54		Bright with rocky clouds, and gentle wind. Evening fine, partly clear, & nearly calm.	Floods repeated. 48
Tu. 24.	-79 -70	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	43 49 56		Hazy & close, with little sun, till noon, but a bright and pleasant afternoon. Hazy & thick evening. Heavy rain 8 pm.	0.28 30
W. 25.	-48 -73	SW <sub>6</sub> W <sub>7</sub> NW <sub>5</sub>	47 51 55		Fair morn'g, bright sun, & flying clouds. Strong gales all day, & flying shower 2 1/2 pm. Blowing less at eve.	0.18 Strong wind. 05
Th. 26.	-87 -34	SE <sub>2</sub> S <sub>4</sub> SW <sub>2</sub>	39 46 56		Overcast followed by rain from 9 am, and very hard at times all day: but finer after 7 pm, & through the night.	0.02 □.02 Floods again. 72
F. 27.	-21 -14	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	44 49 56		Bright, and mild, with storms at a distance with thunder NW. pm. Heavy storm & hail here 3 1/2 pm. Fine evening.	moon 1st Dr. 3.50 pm. Δ.0.1 07
S. 28.	-50 -90	NW <sub>3</sub> NW <sub>2</sub> NW <sub>1</sub>	41 42 45		Windy with showers early AM, & at 10 am. Fine & bright afternoon, cold air, and frosty evening.	0.08 03
414.59		299.372		Mean Temp 47.92. Rain 7.48		
		671		= About the Average. (carried over)		



# October 1865.

Oct.	Baro. inches	Wind.	Thermom. 9 <sup>th</sup> High.	Thermom. at 8pm.	Weather, &c.	Notes.	Rain inches
Su. 29.	29.72	SE 4. SE 7. SW 3.	35 44 55		Cloudy & blowing since 6am. Rain at 8, and the wind rising, heavy gales & driving rain till 4. Fine evening, clear, and ve- ry mild.	Frost early but changed after 5pm. wind & rain.	7.48 30
M. 30.	30.40	S 2. SW 1. S 1. S 2.	45 49 50		Hazy & mild morning rain all the middle of the day, cleared after 3 pm. - Evening hazy. Fog in the night.		30
Tu. 31.	30.44	NE 1. NE 1. NE 3.	41 45 50		Foggy morning, and dark and dripping day, stormy clouds rising from North, but a fine night & clearer.	Δ H <sub>2</sub> O	22
176.63			121	155	Mean of 3 Days 49°		Rain - 8.30

## Barometer.

Highest on the 3<sup>rd</sup> 30.37

Lowest on 27<sup>th</sup> - 29.14

Range - 1.23

Mean of Month 29.75

Gales on 3 days,

## Thermometer.

Highest on the 4<sup>th</sup> - 70°

Lowest on 29<sup>th</sup> am - 35°

Range - 35°

Mean daily range 13° 32

Mean of Month - 51° 88

About the true Average.

Prevailing winds SE, SW, & E to NE: fine days 12,

Depth of rain 8.30 Inches !!! at Thwate.

London - 6.33, Petworth Sussex. 10.19, and  
at Maidstone Kent, 10.45 - of Rain! -

# Summary Notes, October 1865.

This month proved also one of unusual character, beginning with very warm, bright, & serene weather - similar to what had prevailed all September, and so continued to the 9<sup>th</sup> day, after which a remarkable contrast came on, in squalls, thunder, and repeated deluging falls of Rain; from the 17<sup>th</sup> to the end more especially, and the depth of rain equalling 8 Inches, & 3 tenths, which surpasses any monthly result on record in this part of the Kingdom! The effect of this so resuscitated vegetation, that many shrubs put forth a second bloom, among which were the Laburnum and Acacia. And more remarkable still is the fact that the "Jerusalem Artichoke" went on to flowering, which is a circumstance very rarely known to occur. Ash trees shed their foliage at the usual period - the 23<sup>rd</sup>, but most other trees retained their leaves later than such a season leads us to expect. The "Murrain" among cattle continued raging all this month, but with trifling abatement.



but at present - Oct 31<sup>st</sup> - public health suffers but little, although so great a change in the Atmosphere since the 9<sup>th</sup>.

No preparation for wheat-seeding, practicable on the land, until a cessation or diminution of rain takes place.

The Year 1865 - has all along been one of notable extremes, cold, heat, drought, and wet in unusual excesses, and sudden interchanges. September and October especially marked by the widest extremes of character, such as must be long remembered, even by those who do not so closely observe or note down the passing Phenomena of the seasons, year by year. The one extreme brought on the opposite condition, as is the Natural law; and the recent excess of rain was clearly produced by the great evaporation during the previous six weeks of ardent heat, and severe drought!

# November 1865.

Nov.	Baro. meter	Wind.	Thermom. Lowest 8 <sup>th</sup> Highest	Thermom. at 8pm.	Weather, &c.	Notes.	Rain.
W. 1.	29.87 -96	W <sub>2</sub> . W <sub>2</sub> . W <sub>2</sub> .	35 37 46		Bright morning, till near 10, afternoon overcast & little wet, but finer after 3pm, and a clear night.		.03
Th. 2.	30.10 -09	W <sub>1</sub> . SW <sub>1</sub> . SW <sub>0</sub> .	35 37 50		Bright and pleasant till after 2pm, then more hazy, and the Evening hazy & calm, & moon red and dim.		
F. 3.	-10 -13	W <sub>1</sub> . W <sub>2</sub> . NW <sub>0</sub> .	40 41 49		Showery at 5am, fair & bright after 7, and continued all day, with small clouds, and electric ones at even.	Full moon 8.3am.	.08
S. 4.	-22 -25	W <sub>0</sub> . NW <sub>1</sub> . NW <sub>0</sub> .	34 36 47		Dense fog from 6 to 10, & then slowly cleared to a bright afternoon, and clear frosty Evening, and night.		
Su. 5.	-29 -30	W <sub>0</sub> . NE <sub>2</sub> . NE <sub>2</sub> .	32 34 48		Fog & frost, early, very bright till noon, after which clouds & some sleet with cold wind. Evening clear, & a breeze.		.01
M. 6.	-30 -28	NE <sub>1</sub> . N <sub>2</sub> . N <sub>2</sub> .	37 41 49		Clouds by sun, with a bleak wind, stormy appearance of sky all day. Shower at 8pm. Squally wind at night.	Trees faste just.	.03
Tu. 7.	-23 -19	N <sub>4</sub> . N <sub>4</sub> . N <sub>4</sub> .	42 44 47		Squally, little rain at times, and very cloudy, dark, and unpleasant. Evening the same as the day.	Leaves fall.	.04
422.31		255.336		Mean Temp 42° 21/4. Rain .019			
		5.91		= About the Average. cat over-			



# November 1865.

Nov.	Baro. meter.	Wind.	Thermom. Lowest. 8 Highest. am	Thermom. at 8 pm.	Notes.	Rain.
W. 8.	30.13	NE 42			Electric clouds, with a little rain early, mild day, with clouds & sun. Evening clearer, and fine night. -	0.19
	-13	NE <sub>2</sub>	44			
		ENE <sub>2</sub>	52	45		
Th. 9.	-11	NE <sub>1</sub>	41		Showery with bright and mild intervals although a NE wind. -	06
	-13	NE <sub>2</sub>	45		Fine night, with some clouds at times. -	
		NE <sub>2</sub>	52	44		
F. 10.	-25	NW <sub>1</sub>	42		Clouds and sun, but chiefly bright, with a cooler breeze. Evening clear above, fog below. -	moon last Dr 5.45 am.
	-30	NW <sub>2</sub>	45			
		NW <sub>2</sub>	48	39		
S. 11.	-33	W <sub>2</sub>	36		Dark & hazy morning, day cloudy & drizzling breeze. Evening nearly the same. Fine night. -	008
	-27	W <sub>3</sub>	44			Drizzling day.
		W <sub>4</sub>	48	47		
Su. 12.	-46	NE <sub>0</sub>	37		Clear, but fog below, very bright after 8, and a calm, bright, and very pleasant day. Clear and frosty night. -	very fine.
	-58	NE <sub>1</sub>	37			
		NE <sub>0</sub>	49	38		
M. 13.	-57	SE <sub>3</sub>	35		Clouds & sun, but soon very bright, with a drizzling breeze. Less wind in the evening, and chiefly clear. -	very fine.
	-48	SE <sub>3</sub>	45			
		SE <sub>1</sub>	48	38		
Tu. 14.	-28	SE <sub>1</sub>	36		Red East, light clouds, and sun, but more clouded and hazy after 12. -	
	-21	SE <sub>2</sub>	39		Overcast & warmer from 4 pm, & little rain. -	04
		S <sub>3</sub>	50	50		
424.23			269.3475		Mean Temp 44.03. -	Rain - 0.31

616.5 = Rather above Average.

carried up -

# November 1865.

Nov.	Baro. meter.	Wind.	Thermom. Lowest. 8 Highest. am	Thermom. at 8 pm.	Notes.	Rain.
W. 15.	30.22	S <sub>2</sub>	46		Lowering, very mild, & some rain - ending with a squall at 11 am. -	Stormy A. M. 11
	-35	SW <sub>3</sub>	51		bright afternoon, and less wind. -	Fine P.M.
		W <sub>2</sub>	53	44		
Th. 16.	-43	SE <sub>1</sub>	32		Foggy frost early a.m.; then hazy and cloudy thicker blue haze p.m. & very thick all the evening. -	* 4 ♀
	-32	SE <sub>2</sub>	35			
		SE <sub>1</sub>	45	41		
F. 17.	-00	SE <sub>4</sub>	42		Dark & squally with rain at times, but mild. Very dark, and wet afternoon, & evening and very warm. -	very dark. 03
	29.85	S <sub>3</sub>	51			and wet. 22
		S <sub>3</sub>	54	54		
S. 18.	30.17	W <sub>2</sub>	42		Showers early, but the day fair, & mostly sun. Hazy near sun-set, and foggy evening. -	new moon 11.0 am. 07
	-27	NW <sub>1</sub>	44			
		NW <sub>1</sub>	49	41		
Su. 19.	-08	S <sub>3</sub>	37		Change to mildness before sun-rise & red East, dark & blustering day, rain at times. Very warm night. Some rain. -	Δ 11 ♀
	29.90	S <sub>4</sub>	47			
		S <sub>5</sub>	51	50		06
M. 20.	-72	S <sub>3</sub>	49		Close & rainy, snowing day cloudy, but fine and very mild. Even also close & cloudy. Wind rose after 12. -	very mild temperature. 22
	-76	S <sub>2</sub>	54			
		SW <sub>2</sub>	55	50		
Tu. 21.	-54	S <sub>6</sub>	48		Blowing & mild, with a little rain early, finer with some sun in the mid day. Evening stormy and blowing night. -	3 1/2 ♀ 06
	-45	S <sub>4</sub>	52			
		S <sub>5</sub>	54	50		04
420.05			296.3615		Mean Temp 46.96. -	Rain - 1.12

657.5 = nearly 5 above Average. -

carried over.



# November 1865.

Nov.	Baro- meter	Wind.	Thermom. Lowest. 8 am.	Thermom. Highest. 8 pm.	Weather &c.	notes.	Rain 1/12
W. 22.	29.23	SE 4	45		Strong gale and rain from 9 am, and heavy driving storm. at 11 am.	Exceeding by stormy.	35
		SE 6.	50		then bright & blowing		
	-08	SW 5.		55	but wind rather less.	unusually flooded.	
		SW 4.		50			
Th. 23.	-47	SW 6.	46		Blowing hard from 1 am, but soon more calm,	strong gale.	
		SW 3.	49		bright & pleasant day.		
	-65	SW 1.		53	Evening hazy & thick.		
				48	Rain after midnight.		
F. 24.	44	SE 4	46		Warm & squally morning, very blowing day, with	very gale.	07
		SE 6.	53		sun, & flying clouds.		
	-57	SW 6.		55	hasty shower 3 pm.		04
					Clear & windy evening.		
S. 25.	-61	SE 4	43		Red mottled sky at sun- rise, blowing all day,	stormy skies.	
		SE 5.	49		and rain at times after		
	-37	SE 5.		53	3 pm: and in the eve- ning.		14
Su. 26.	-23	SW 3.	45		Bright and windy, with flying clouds, less wind	moon 1st Dr.	
		SW 4.	45		after 2 pm, Evening chief- ly clear, & nearly calm.	2.59 am.	
	-65	SW 1.		50			
M. 27.	-84	SW 1.	32		Little frost, bright day, but cold air: More		
		SE 1.	32		hazy with stormy look- ing clouds at Eve.		
	-80	SE 1.		43			39
Tu. 28.	-58	SE 4	39		Cloudy, & blowing, fly- ing showers & some	birds singing.	02
		SE 4.	46		sun, but dark and		
	-31	SE 4.		50	wet from 4 pm.		17
41283			296359		Mean Temp 46.78.	Rain 1.91	

655 = About 5° above  
Average.

# November 1865.

Nov.	Baro- meter	Wind.	Thermom. Lowest. 8 am.	Thermom. Highest. 8 pm.	Weather &c.	notes.	Rain 1/91
W. 29.	29.50	W 2.	39		Overcast, dark, & wet at times; finer after- noon, but very dark, &	8 H 24	16
		W 2.	44		thick air. Some fog in the night.		
	-67	SW 2.		47			
Th. 30.	-96	NE 1.	41		Fog till 9, then clear, bright with grey clouds	Birds singing.	
		N 1.	44		& rocky storm clouds, with little showers.		05
	30.10	N 1.		48			
	11923		80	95	Mean Temp 2 days 43.75	Rain 2.12	

## Barometer.

Highest on 12<sup>th</sup> - 30.58.

Lowest on 22<sup>nd</sup> - 29.08

Range - 1.50

Mean of Month 29.97.

Gales on 4 days.

Prevailing winds SW, S, and SE. Rain 2.12 Inches.

Fine days only 11 in number.

## Thermometer.

Highest on 20<sup>th</sup> } 55° -  
22<sup>nd</sup> & 24<sup>th</sup> }

Lowest on 5<sup>th</sup> } 32° -  
16<sup>th</sup> & 27<sup>th</sup> }

range - 23° -

Mean daily range 10° 1 -

Mean of Month 44.91.

Nearly 3° above Average.

For Nov 1865, - The General Summary overleaf -



# Summary Notes, November 1865.

This was on the whole a mild Month, but quite seasonable and in usual character for rain and wind, especially from and after the 17<sup>th</sup>. The falls of rain were frequent during the whole month, although seldom great, but the gales were heavy from the 20<sup>th</sup> to the 25<sup>th</sup>. A fine and pleasant interval from the 10<sup>th</sup> to the 13<sup>th</sup>, which was the most cheering period we had. — The foliage scarcely altered till after the first week, but afterwards very speedily changed and fell unusually suddenly from the gales and rain of the third and fourth weeks. Thrushes, Blackbirds, and some variety of small birds continued remarkably musical to the month's end, owing to the mild mornings which occurred during the stormy weather. — The Cattle Murrain continued with but slight abatement, but public health was generally better than ordinarily at this period of the year. — But there were some fatal cases of Typhoid fever, Scarlatina, and Cyananche Maligna, and more so in Towns. —

# December 1865.

Dec.	Baro. meter	Wind.	Thermom. 8 <sup>am</sup> 8 <sup>pm</sup>	Weather &c.	Thermom. at 8pm	notes.	Rain.
F. 1.	30.15 -12	N, 1 NE 1 Var. 0.	39 41 46	Some rain at 4 am, fair & bright after sun rise, with some clouds. Fine moon light. Evening & stormy clouds.	39	Birds singing much as before.	.08
S. 2.	-01 29.92	SE 1 SE 1 SE 1	36 39 45	Light clouds & sun, fine, with but little wind. Evening more clouded and hazy, but fine. —	41	Full moon 6.44 pm.	
Su. 3.	-79 -79	SE 2 SE 1 SE 1	38 43 43	Very cloudy, and dark all the forenoon, and raining from 12 till afternoon 2. — Cleared off at 3 1/2 pm. Fine Evening.	38	Birds still sing much.	.10
M. 4.	-61 -50	SE 3 SE 3 SE 5	37 46 50	Lowering & mild, some rain at 10 am, finer with sun in the afternoon. Blowing evening. Night calmer.	45	♂ H ♀ little rain even.	.07 .02
Tu. 5.	-77 -82	SE 1 SE 2 SE 1	40 43 49	Clear morning, and the day continued bright, with gentle winds. Hazy Evening, and night, but fine. —	42	Birds continue very tuneful.	
W. 6.	30.13 -17	SE 2 SE 3 SE 3	39 44 48	Cloudy damp, and gloomy. More wind after 1 pm; but mild and continued very cloudy. Rain 9 pm.	47	♂ 2 ♀ rain at 9 pm.	.06
Th. 7.	-21 -31	SE 3 SE 2 SE 1	46 48 50	Close & damp, very dark and wet, afternoon, but less wind. Finer Evening, close and mild.	47	Birds still singing. wet pm.	.15
41 9 30			27 5 33 1	Mean Temp 43° 28. } Rain .048			
			606 =	4° above Average. } car 2 over			



# December 1865.

Dec.	Baro. meter	Wind.	Thermom. Lowest 8 Highest	Thermometric at 8pm.	Weather &c.	notes.	Rain 0.48
1 <sup>st</sup> 8.	30.60 -62	W <sub>1</sub> W <sub>1</sub> W <sub>0</sub>	46 46 48		Cloudy, and mild, very gloomy all day, but fine. Evening calm cloudy and also mild.	Birds singing still.	
2 <sup>d</sup> 9.	-62 -58	SW <sub>1</sub> SW <sub>2</sub> SW <sub>0</sub>	42 43 46		Cloudy, and gloomy all day, but fair, and nearly calm. Evening quite calm, and over- cast. - Fine night.	Birds continue to sing.	
Su. 10.	-63 -65	SW <sub>0</sub> SW <sub>1</sub> SW <sub>0</sub>	41 44 47		Calm, cloudy & mild, but some bright sun from 9 till 11, then again cloudy, but clear in the night, after 12.	Moon last 2 <sup>d</sup> 0.13 am. * 1/2 8	
1 <sup>st</sup> 11.	-74 -77	N <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	38 40 46		Low clouds and sun. very fine with gentle wind. Evening clearer, but chiefly cloudy in the night.	very fine.	
Tu. 12.	-72 -65	NE <sub>1</sub> NE <sub>0</sub> N <sub>0</sub>	40 41 42		Cloudy, calm, and fine. nearly the same all day, but little sun at times. Fine night.	Birds very musical.	
W. 13.	-60 -50	N <sub>0</sub> N <sub>0</sub> N <sub>0</sub>	33 35 40		Clear, and continued bright till 1 pm, then be- came thick with blue haze, but fine.		
Th. 14.	-50 -46	NW <sub>1</sub> W <sub>2</sub> W <sub>4</sub>	33 33 43		Chiefly clear, and very bright all day, more wind in the evening and hazy on the horizon.		
428.64		273.312		Mean Temp 41° 78. Rain 0.48			
		585		Nearly 3° above, carried up - Average.			

# December 1865.

Dec.	Baro. meter	Wind.	Thermom. Lowest 8 Highest	Thermometric at 8pm.	Weather &c.	notes.	Rain 0.48
F. 15.	30.67 -78	NW <sub>2</sub> NE <sub>1</sub> NE <sub>1</sub>	36 39 42		Grey clouds & sun, very fine, but more clouded & gloomy after 1 pm.	very fine.	
S. 16.	-68 -66	NW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	31 36 41		Freezing air, cloudy, and wind rising. The whole day cloudy, but fine, with a drying air. Evening and night cloudy.		
Su. 17.	-67 -67	NW <sub>1</sub> NW <sub>1</sub> NW <sub>1</sub>	38 42 44		Cloudy all day, and very gloomy, but fine and mild for the season. The night the same.		
1 <sup>st</sup> 18.	-60 -57	N <sub>1</sub> N <sub>0</sub> Var. 0.	39 41 46		Very cloudy and calm, dark and still day, and evening and night the same. very fine.	New moon 4.45 am. 6 24 8	
Tu. 19.	-47 -37	SE <sub>2</sub> SE <sub>1</sub> SE <sub>2</sub>	38 41 45		Grey clouds and sun, little rain at 9 am, & at times after. lowering clouds the rest of the day.	wind rose during night.	0.4
W. 20.	-28 -31	S <sub>3</sub> S <sub>3</sub> SW <sub>1</sub>	40 42 45		Overcast, little rain at 8 am, but chiefly fine, clearer afternoon, but very foggy evening, & night.		0.2
Th. 21.	-39 -40	S <sub>2</sub> SW <sub>2</sub> SW <sub>3</sub>	39 46 49		Fog till 8, then bright, mild & pleasant, with some clouds. More clouded over from 2 pm.		
427.52		261.312		Mean Temp 40° 71. Rain 0.54			
		573		Nearly 2° above, carried over. Average.			



# December 1865.

Dec.	Baro. meter	Wind.	Thermom. Lowest 8 Highest 5	Thermom. at 8pm	Weather, &c.	notes.	Rain.
F. 22.	30.47	S E <sub>2</sub>	38		Clear, afterwards foggy, till 11, then cold & cloudy, with loftier clouds. Less wind in the evening. 37	Blowing afternoon.	0.54
		S E <sub>4</sub>	41				
	-42	S E <sub>1</sub>	43				
S. 23.	-48	S E <sub>1</sub>	36		Cloudy more or less all day, and lofty clouds, grey & blue, with cold air.	☉ ☽ Birds con- tinues very tameful.	
	-51	S E <sub>2</sub>	41		Cloudy night. - 37		
Su. 24.	-51	S E <sub>2</sub>	35		Cloudy, afterwards foggy and bright by turns. Very fine and gentle wind.	very fine- weather	
	-52	SW <sub>1</sub>	39		frosty & foggy till 33		
M. 25.	-52	SW <sub>2</sub>	31		Change during last night from frost to fog & mildness, and very foggy all day; more wind at even 41	moon 1st. Dr 0.31 pm.	
	-52	SW <sub>2</sub>	39				
	-52	SW <sub>3</sub>	45				
Tu. 26.	-33	SW <sub>3</sub>	39		Cloudy with sun, and mild, with a fresh breeze. Little rain at 7 pm, fog in the night. 43		02
	-30	SW <sub>3</sub>	42				
	-30	SW <sub>2</sub>	47				
W. 27.	-45	W <sub>1</sub>	34	34	Foggy morning, bright after 11, and till 22 pm, then again fog- gy & frosty till 6 pm. 36	Therm. 32.2 at 6 pm, but at 8, higher.	
	-42	W <sub>1</sub>	34				
	-42	W <sub>0</sub>	40				
Th. 28.	-72	S <sub>3</sub>	32		Change to mild & cloudy, little rain, more wind & sun at times. Squally and rainy evening. - 45		05
	-01	S <sub>4</sub>	42				73
	-01	SW <sub>6</sub>	45				
	42.558		245	300	Mean Temp 38.92	Rain 0.74	

545 = About the Average.

# December 1865.

Dec.	Baro. meter	Wind.	Thermom. Lowest 8 Highest 5	Thermom. at 8pm	Weather, &c.	notes.	Rain.
F. 29.	29.74	S 6.	43		Squalls of wind & rain, with sun at times, more wind & rain in the evening, tempestuous night. Finer after 12. 46	☉ ☽ ☉ ☽ ☉ ☽	23
		S 5.7.	47				
	-38	SSE 7.	49				
S. 30.	-60	SW <sub>3</sub>	35		Clear, bleak wind, and bright all day. Moon bright at eve, but a grey haze.	* ☉ ☽ ☉ ☽	
	-90	SW <sub>4</sub>	35		Blowing hard after 12. 36		
	-90	SW <sub>3</sub>	43				
Su. 31.	-60	SSW <sub>7</sub>	36		Cloudy and blowing very hard with rain at times. Fines & less wind after 3 pm, & till 12. pm. 45	* ☉ ☽ ☉ ☽	18
	-56	SW <sub>5</sub>	48				
	-56	W <sub>2</sub>	51				
	177.78		114	143	Mean Temp 42.83	Rain 1.15	

## Barometer.

Highest on 11 & 15 30.78.

Lowest on 29 - 29.38

Range - 1.40

Mean of month 30.303

Gales on 3 days.

Winds chiefly S.E. & S.W. - Fine days 19.

Depth of Rain 1.15 Inches.

## Thermometer.

Highest on 31<sup>st</sup> - 51°

Lowest on 16 & 25 - 31°

Range - 20°

Mean daily range 7.41

Mean of month 41.38

Full 2 1/4 above Average.



## Summary notes, December 1865.

This was altogether a mild month, and but little downfall. The first week squally, and the end of the month very stormy and turbulent, but the middle part of the month very fine for the season, good and somewhat pleasant winter weather.

A very great prevalence of S.E. wind, and the birds, especially Thrushes remarkably tuneful all the month, beyond what I ever before noticed in any December!

Public health better than ordinarily at this period of the year, both in Town and country; but the Murrain among the Cattle continued to rage, and with some increase in some parts of the Kingdom. This is a most melancholy and deplorable fact on the records of this memorable year to be added to the extraordinary Phenomena which marked the previous months; but happily very little or indeed scarcely any foretastes of winter met us - up to the end of this month.

## General Results, 1865.

1865	Winds.								Gales	fine days	Rain	Mean Bar.	Mean Temp.	Mean Daily range	Thermomd	
	E	W	N	S	NE	SE	NW	SW							Min	Max
Jan.	2	8	0	3	3	4	4	7	5	17	1.98	29.63	35.42	8.11	21	51.2
Feb.	2	3	1	4	6	3	2½	6½	3	8	1.72	29.93	35.37	9.23	11	53
Mar.	4	2	1	2	10	2	8	2	4	16	2.07	29.95	36.08	11.24	21	53
Apr.	3½	1	1	4	8	7	1	4½	0	25	0.53	30.24	52.47	23.38	33	75
May	4	2	0	3	1	5	2	14	1	20	1.85	30.22	58.22	19.96	33	80
June	3	4	4	3	4	5½	5½	1	0	25	2.02	30.32	60.92	19.31	42	84½
July	1	5	0	4	1	6½	2	11½	0	20	5.40	30.09	64.79	16.64	47	83
Aug.	2	6	0	3	0	5½	6½	8	0	20	5.67	30.00	61.41	15.87	45	76
Sept.	4	5	1	1	4	10	2	3	0	30	0—	30.36	64.27	18.98	43	84½
Oct.	4	3	1	4	4	7	3	5	3	12	8.30	29.75	51.88	13.32	35	70
Nov.	0	4	3	5	4½	5½	3	5	4	11	2.12	29.77	44.91	10.10	32	55
Dec.	0	4	2	3½	4	10	1	6½	3	19	1.15	30.30	41.38	7.41	31	51
1865.	29½	47	14	39½	49½	71	40½	74	23	223	32.81	30.06	50.55	14.46	11°	84½

Coldest day in 1865, February 15<sup>th</sup> Therm 11°.

Hottest June 23<sup>rd</sup>, and September 8<sup>th</sup> — 84½.

Lowest Barometer, January 14<sup>th</sup> — 28.67.

Highest ditto — December 15<sup>th</sup> — 30.78.

Number of fine days 223, and the depth of rain 32.81 Inches.



# Conclusive observations on the Year 1865.

The distinguishing features of the Year 1865, were the sudden change from the three months winter to perfect summer, at once on the 1<sup>st</sup> of April. Secondly, the unusual heat from April 6<sup>th</sup> to Oct-10<sup>th</sup> a period of six months, during which some severe droughts prevailed and at other times great rains, but April and September were beyond all for fineness and heat, the latter without rain at this place throughout, and the hottest September on record. Thirdly - the excessive falls of rain at the close of October, so suddenly after the severest drought, all constituting most memorable matter to keep up the year 1865, as notable in the history of our climate.

# January 1866.

Jan.	Baro. meter	Wind	Thermom. 8 am	Thermom. 8 pm	Weather, &c.	notes	Rain
M. 1.	29.61	W <sub>3</sub> W <sub>4</sub> W <sub>2</sub>	35 35 43		Hail & rain early am, fine and bright with a black wind all day. Fine eve- ning & night, and chiefly clear.	Full moon. 6.48 am.	22
Tu. 2.	30.10	SW <sub>1</sub> S <sub>3</sub> S <sub>5</sub> 6.7.	35 36 48		Bright till noon, after- wards hazy & cloudy, and a squally & blowing Evening, some rain, & very foggy night.	Heavy gale all night.	05
W. 3.	-85	SW <sub>7</sub> SW <sub>2</sub> SW <sub>1</sub>	41 42 47		Heavy gales till 5 am, afterwards much less wind & very bright day, but ra- ther hazy after 2, but fine Evening, and night.	Aconite blooms	
Th. 4.	29.99	SE <sub>4</sub> SE <sub>5</sub> SE <sub>3</sub>	38 43 46		Windy & bright morning, but much cloud after 11, and blowing & cloudy afternoon Fine & clearer night, & wind less.	8 H ♀	
F. 5.	-92	S <sub>1</sub> SW <sub>1</sub> W <sub>2</sub> Var. 1.	42 45 48		Beautiful red & yellow striped East at sun-rise. Cloudy and rain at times in the afternoon, & very dark. - The evening foggy.	very dark at 6 pm.	17
S. 6.	30.16	NW <sub>1</sub> N <sub>1</sub> NW <sub>0</sub>	36 40 41		Foggy, raw & colder, - clearer after 3, and very red clouds at sun set. Evening frosty and most of the night.	Birds sing.	
Su. 7.	29.70	S <sub>4</sub> SW <sub>4</sub> SW <sub>3</sub>	30 40 45		Frost early, then cloudy & blowing from 4 am, some rain, and very squally - but a bright afternoon, and evening chiefly clear.	rain & snow.	70
41892			257318		Mean Temp 41° 0' -	Rain, 0.54	
			575		= 6 above Average. -	carried over -	



# January 1866.

Jan. meter	Baro.	Wind.	Thermometer lowest 8 am	Thermometer highest	Thermometer at 8 pm	notes.	Rain.
M. 8. 29.22		SW <sub>6</sub>	38			Blowing & stormy, & some rain early, but fine & bright day, with very heavy gales, little abating at eve. —	moon. last 2. 9.37 pm. 11
	-32	SW <sub>7</sub>	48	48			38 8 H 8
Th. 9. -19		W <sub>3</sub>	33	33		Keen wind, partial frost early, and bright all day with light clouds. Stormy sky at sunset. wind frost. —	
	-10	W <sub>4</sub>		39			35
W. 10. -18		W <sub>3</sub>	32			Keen wind & frost. clouds and sun in the morning. Chiefly cloudy after 12, and milder a short time. Hazy night. —	37
	-33	W <sub>2</sub>		4 1/2			
Th. 11. -08		NE <sub>3</sub>	32			Snow from 4 am, and almost continual more or less till noon. afterwards fine, but blowing & chiefly cloudy. —	Snow from 8. 34
	-30	NE <sub>4</sub>	32	36			
F. 12. -71		SE <sub>1</sub>	23			Sharp frost & much snow early A.M. Wind veered at 5 am, the last snow was from SW. cloudy till noon. Bright afternoon. Severe night. till about 12 pm. —	* 1/2 23
	-90	SW <sub>1</sub>		29			35
		NW <sub>3</sub>					
		NW <sub>2</sub>					
S. 13. -80		S <sub>4</sub>	18			Change from severe frost to cloudy, rain & blowing much rain & strong gusts all the forenoon, then less rain & less wind. —	6 2 4 2 39 floods 82
	-56	S <sub>6</sub>	34				
		SW <sub>2</sub>		41			
Su. 14. -91		SW <sub>3</sub>	39			Mild & cloudy, with a blustering wind, after 10 am, more or less the rest of the day. —	floods 49
	-84	SW <sub>5</sub>	50				
		SW <sub>4</sub>		53			
41 2 4 4			21 5 2 9 35			Mean Temp 36° 32.	Rain 1.47
						508.5 = 1° 3. above Average.	carried up.

# January 1866.

Jan. meter	Baro.	Wind.	Thermometer lowest 8 am	Thermometer highest	Thermometer at 8 pm	notes.	Rain.
M. 15. 29.92		SW <sub>5</sub>	43			Driving storm of hail rain & wind. 4 am, then less wind, & fine & bright all day, but still windy at times. Even more calm. 41	8 H 8 09
	30.06	SW <sub>4</sub>		43			
		W <sub>2</sub>		48			
Th. 16. 29.98		S <sub>3</sub>	38			Overcast & light rain at times till noon, afterwards fair & some thin squally evening, but less so in the night. —	new moon 8.37 pm. 16
	-68	SSW <sub>2</sub>		44			
		SW <sub>4</sub>		49			
W. 17. 30.27		SW <sub>2</sub>	38			Hazy, then overcast, dark and rainy more or less till noon. afterwards fine and clearer. —	17
	-15	SW <sub>4</sub>		41			
		SW <sub>2</sub>		46			
Th. 18. -22		SW <sub>3</sub>	44			Mild with clouds and sun, more cloudy from 1 pm, lowering and stormy state of sky. —	43
	-08	SW <sub>3</sub>		46			
		S <sub>4</sub>		49			
F. 19. 29.75		SW <sub>3</sub>	43			Clouds and sun, with gusty wind. More wind after 12, but mostly very bright. Less wind at evening, & night. —	snowdrop bloom. 45
	-85	SW <sub>6</sub>		46			
		W <sub>2</sub>		50			
S. 20. -70		SW <sub>3</sub>	42			Stormy rain early A.M., squally day, some rain but chiefly fair and bright. Even calm. 43	08
	-84	SW <sub>5</sub>		46			
		SW <sub>1</sub>		51			04
Su. 21. -93		SW <sub>1</sub>	36			Clouds & sun, with a mild air, and gusty wind at times. —	little misting early. 03
	-91	S <sub>3</sub>		44			
		S <sub>5</sub>		52		Very blowing Evening. 46	
41 9 3 4			28 4 3 4 5			Mean Temp 44° 92.	Rain 2.04
						6 2 9 = nearly 10° above Average.	carried over.



# January 1866.

Jan.	Baro. meter	Wind.	Thermom. lowest 8 am	Thermom. highest at 8 pm	Weather &c.	notes	Rain
M. 22	29.91	S <sub>3</sub> SW <sub>2</sub> SW <sub>2</sub>	46 51 52		Close & misting, then hard rain at 9 am, & till 10 am, afterwards showy & heavy at times.	* H <sub>8</sub> W <sub>3</sub> W at Eve.	2.04 22 37
Tu. 23	30.07	W <sub>3</sub> W <sub>2</sub> NW <sub>2</sub>	38 41 47		Bright with few light clouds, & drying air. Fine, serene, and moon- light evening.	moon 1st P. 8.54 pm. * H <sub>8</sub>	40
W. 24	30.64	NW <sub>2</sub> W <sub>1</sub> W <sub>2</sub>	31 32 45		White frost, and clear sun-rise: very bright all day. Evening rather more hazy, & lunar halo.	very fine. 37	
Th. 25	30.65	W <sub>0</sub> SW <sub>1</sub> SW <sub>2</sub>	35 38 43		Cloudy, calm, & little fog, very gloomy day, but clearer about sun-set. Evening foggy below, but clear above.	688 very fine. 36	
F. 26	30.65	S E <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	33 39 48		Foggy & calm, very fine. became bright, & a little more wind. very fine. Evening again foggy.	very fine. 40	
S. 27	30.50	W <sub>1</sub> W <sub>1</sub> W <sub>0</sub>	38 40 40		Cloudy, & some fog, very gloomy & thick all day, and colder than of late, but W to SW after 8 pm.	6248 39	
Sa. 28	30.14	S <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub>	37 40 48		Cloudy and thick, nearly the same all day, but some sun near the mid- dle of the day. Squally & some rain after 4 pm.	45	03
424	29.96		258	323	Mean Temp 41.5. Rain 2.66		
			581		6 above Average.		

# January 1866.

Jan.	Baro. meter	Wind.	Thermom. lowest 8 am	Thermom. highest at 8 pm	Weather &c.	notes	Rain
M. 29	29.76	W <sub>4</sub> W <sub>6</sub> W <sub>3</sub>	40 41 44		Driving shower of rain 6 am, fine and bright day, with very drying wind. Less wind in the night.	648 40	2.66 03
Tu. 30	30.15	W <sub>1</sub> W <sub>2</sub> S <sub>2</sub>	33 33 44		Bright and nearly calm, very pleasant day, but hazy after 2 pm, and rather cloudy even.	Full moon. 8.29 pm. 40	
W. 31	29.85	S E <sub>3</sub> S E <sub>4</sub> S <sub>4</sub>	39 47 49		Overcast, & very mild, more wind, & some rain at times, squally even. Clear after 7 pm.	44	11
	17948		112	137	Mean 3 days 41.5. Rain 2.80		

## Barometer.

Highest on 25<sup>th</sup> - 30.67

Lowest on 11<sup>th</sup> - 29.08

Range - 1.59

Mean of month 29.92

Gales on 7 days.

Prevalent winds S.W. and W. - Fine days 14, rain 15,  
and snow 2. Depth of rain 2.80 - Inches.

## Thermometer.

Highest on 14<sup>th</sup> - 53°

Lowest on 13<sup>th</sup> - 18°

Range - 35°

Mean daily range 9.37

Mean of month 41°

Above Average 6 Degrees.



# Summary Notes on January 1866.

This was a remarkably stormy and unsettled month, with frequent gales, and mostly a high temperature. The thrushes and some other birds sang with great spirit all the month, and the gardens were decked with full-blown Acute, Snowdrops, Virginia Stocks, Anemones, Primroses, and at the close of the month the March Crocus in profusion! The grass vegetated much, and the meadows and grass-plots were unusually verdant! Great loss of shipping, and lives at sea, in the gales, and the Cattle Murrain continued to rage, with some increase of violence; but Public Health was on the whole good for the time of the Year.

Great storms of Snow in many parts on the 11<sup>th</sup> and 12<sup>th</sup>, and a short fit of severe frost at the time, but all the rest of the month almost without frost!

# February 1866.

Feb.	Baro. metes	Wind.	Thermom. 8 <sup>th</sup> am	Thermom. 8 pm.	Weather, &c	notes	Rain
Th. 1.	29.57 -41	S 3. S 2. S 2.	43 47 52		Overcast, mild, & rain at times: some sun, but mostly gloomy, and wet. —	☐ ☉ ☿	.77
F. 2.	-50 -56	S 2. NW 3. W 2.	46 48 48		Close, dark, & rainy till after 11 am, then finer & a w. veered. Evening fine & less wind.	Floods.	.28 .71
S. 3.	-74 -68	SW 2. SW 3. SW 4.	35 39 47		Fine & clearer morning, but soon cloudy, with squally showers, & some hail P.M. — Blasted in evening. —	Stormy. Crocus full in bloom!	.16
Su. 4.	30.08 29.79	SW 3. SW 6. NW 6.	35 38 48		Bright morning, but from 10 am, lowering & rainy till after 1, then finer & rather clearer. 10. NW 9 pm, heavy storm.	Stormy. lightning at 9 am. hail & rain	.18 .23
M. 5.	-84 30.02	NW 4. W 3. SW 2.	39 42 47		Clear morning, and the whole day chiefly bright, with a drying wind. More cloudy & hazy in the evening, but a fine night, & wind gusty. —	Fine & drying.	
Tu. 6.	29.84 -82	SW 3. SW 7. SW 5.	42 48 53		Sunny morning, and very bright all day, & very mild, but wind strong and gusty, only abated after 4 pm. Close night.	☐ ☉ ☿ very windy.	
W. 7.	-62 -70	SW 5. W 5.6. NW 4. W 5.	49 54 57		Blowing but very warm, bright & pleasant till 12, then huge rocky clouds & hail from NW, with rain, and colder afterwards. Surron. bright. 9 pm.	moon last Dr 7.39 pm. Stormy sky.	.08 .04
41637		2893525		Mean Temp 45.82. — Rain — 1.25			
		641.5		= 8.2° above Average. — carried over.			



February 1866.

Heb.	Baro- meteo.	Wind.	Thermom. at 8 a.m.	Thermom. at 8 p.m.	Weather, &c.	notes.	Rain
Th. 8.	29.91 -98	W <sup>5</sup> . W <sup>6</sup> . W <sup>3</sup> .	37 37 47		Clear, and chiefly bright all day, with bleak wind. Some hazy clouds at sun- set, & less wind. - 42		1.25
F. 9.	-97 -78	S <sup>2</sup> . SW <sup>3</sup> . SW <sup>3</sup> .	37 41 50		Cloudy, & rainy morn- ing and frequent rain in the day. Close and mild, with more rain at night. - 48	Birds singing much.	23 30
S. 10.	-70 -65	SW <sup>1</sup> . SW <sup>2</sup> . SW <sup>2</sup> .	42 44 49		Very cloudy, and rain from 9 till 10 a.m. afterwards bright. with some clouds. Sowering night. - 43		08
Sa. 11.	-48 28.77	SSE <sup>4</sup> . SSE <sup>6</sup> . S <sup>7</sup> .	38 43 46		Overcast, blustering and wet, more wind & harder rain after 11 a.m. till 2, and from 3 p.m. all even. Windy night. - 41	very wet & blowing hard. - great floods.	32 50
M. 12.	29.21 -56	SW <sup>5</sup> . W <sup>3</sup> . W <sup>2</sup> .	39 43 43		Blowing all the past night, but less wind since 5 a.m. Clouds & sun, with colder air. Frosty night. - 38	great floods.	
Tu. 13.	-69 -83	NW <sup>1</sup> . NW <sup>3</sup> . NW <sup>2</sup> .	28 34 39		Frost early: snow at 7 & 8 a.m. then a fine day, chiefly sun, and bleak air. Frosty night. - 35	□ h ♀ snow.	⊕
W. 14.	-82 -68	SW <sup>1</sup> . S <sup>3</sup> . S <sup>4</sup> .	27 32 43		Frost early, hazy & mixed clouds with sun all the midday. - After 3 p.m. stormy, & showery. - 39		20
41403			248	317	Mean Temp 40° 35.		
			565 = 3 1/4 above Average.		Rain 2.88		
					[carriage]		

February 1866.

Feb.	Baro- meter	Wind.	Thermom. 8 am.	Thermom. at 8 pm.	Weather, &c.	Notes.	Rain. 2.88
Th. 15.	29.50 -62	SW <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	31 35 43		Bright frosty morn- ing, and continued bright till noon, afterwards cloudy & stormy skies closer night.	NEW MOON 10.13 am.	
F. 16.	-56 -67	SW <sub>2</sub> SW <sub>1</sub> SW <sub>2</sub>	38 46 48		Cloudy, mild, and rain at times, dark and damp day, and rain in the night.		13 20
S. 17.	-85 30.01	NW <sub>3</sub> NW <sub>2</sub> NW <sub>0</sub>	34 34 40		Snow from 7 till 9 am; & some rain, but fine & sunny after 10, with cold air. Clear and frosty evening.	Rain & Snow.	07 0
Sa. 18.	-03 -01	W <sub>0</sub> NW <sub>2</sub> NW <sub>1</sub>	25 30 40		Very white frost, and bright all day, with very keen air. Some clouds & haze in the eve- ning, but frosty.	Δ O H	
M. 19.	-08 -13	NW <sub>2</sub> NW <sub>1</sub> NW <sub>2</sub>	28 33 43		Clear & white frost early, bright all day with some rocky cumuli clouds.		
Tu. 20.	-11 -13	Var. NE <sub>2</sub> NE <sub>2</sub>	26 30 42		Clear, & much hoar-frost; bright till 1 pm, after- wards hazy, and more so in the evening.		
W. 21.	-27 -36	NW <sub>2</sub> NE <sub>2</sub> NE <sub>0</sub>	33 38 42		Cloudy, with cold breeze and some sun at times; Evening chiefly clear, and frosty.		
44.933			215298	Mean Temp 36.64.		Rain - 3.28	
513 = About $\frac{1}{2}$ a degree below Average.							



# February 1866.

Feb.	Baro- meter	Wind.	Thermom. 8 am.	Thermom. at 8 pm.	Notes.	Rain, 3.28
Th. 22.	30.29 -05	SW <sub>2</sub> S <sub>3</sub> SW <sub>1</sub>	28.2 34 42		Fog frost early then changed to cloudy, snow from 10 <sup>1</sup> / <sub>2</sub> am. then sleet & rain till 12. - Finer P.M. - 38	moon. 1st Dr 4.48 am. 14
F. 23.	29.98 -72	SW <sub>4</sub> SW <sub>6</sub> W <sub>3</sub>	33 38 50		Lowering & stormy sky bright and warm at noon, then heavy gusts & driving showers. - Fine & clear Even. - 42	ΔH 8 12
S. 24.	-94 -98	W <sub>2</sub> W <sub>3</sub> SW <sub>2</sub>	33 36 44		Bright, with light clouds, and a bleak wind. Evening hazy, & wind less. Cloudy in the night. 37	
Su. 25.	-65 -57	SW <sub>4</sub> SW <sub>2</sub> SW <sub>3</sub>	36 44 47		Lowering & some rain, at times, but some fine & clearer intervals. Very hazy Even., and moon dim. 42	05 08
M. 26.	-43 -53	S <sub>1</sub> SSW <sub>2</sub> N <sub>1</sub> NE <sub>2</sub>	35 37 44		Hazy clouds & sun, fol- lowed by showers of hail and rain in the after- noon. Hazy Even. and a thin fog. 35	04 12
Tu. 27.	-53 -50	NE <sub>2</sub> N <sub>4</sub> N <sub>2</sub>	30 37 39		Frost till 3 am, then heavy rain at times all the morn., then rain & snow all day Fine moonlight night. 33	great floods. 35 32
W. 28.	-32 -29	N <sub>1</sub> N <sub>4</sub> N <sub>2</sub>	27 33 35.2		Cloudy, frost A.M. and the day very cold and squally, hail and snow at times. Frosty night. - 32	0
41572 22253015 Mean Temp. 37.42. Rain 4.70						
524 = About the Average.						

# Summary Notes on February 1866.

Barometer.	Thermometer.
Highest on 21 <sup>th</sup> 30.36.	Highest on 7 <sup>th</sup> 57°.
Lowest on 11 <sup>th</sup> 28.77!	Lowest on 18 <sup>th</sup> 25°.
Range - 1.59	Range - 32°
Mean of Month 29.74.	Mean daily range 10° 55
Gales on 6 Days. -	Mean of Month - 40° 05.
	Above Average 3 Degrees.

Prevailing winds SW, W, & NW. - Fine days 10-;  
and depth of Rain 4.70 Inches.

This month was very unsettled throughout, with  
much wet and stormy weather, and but little  
of frost. Many wrecks, and great loss of  
life at sea, on all our Coasts; and the sad,  
Cattle Murrain continued to rage through-  
out the Kingdom, and with great increase  
in the NW Counties. Public health in-  
different, yet on the whole the mortality  
was not at all in excess. The early flow-  
ers continued blooming as in previous re-  
port of last month, but since Feb. 17<sup>th</sup> -  
became rather more checked.



# March 1866.

March	Baro. meter	Wind	Thermom. 8 <sup>am</sup> High.	Thermom. at 8pm.	Weather, &c.	notes	Rain.
Th. 1.	29.62	NW <sub>1</sub> 22			Sharp frost & rime all the morn'g, cloudy after-noon, & more wind.	Full moon 11.52 am	
	-70	NE <sub>2</sub> 25			Hazy evening and a cold breeze.	☉ ☽	
		NE <sub>2</sub> 34				Δ ☉ ☽	
F. 2.	-73	NW <sub>1</sub> 26			Clear, keen frost & M. Day bright, but a cold air. Evening cloudy more or less.	☉ ☽ ☽	
	-78	NW <sub>2</sub> 32			Fine night.	Δ ☽ ☽	
		NW <sub>2</sub> 40					
S. 3.	-79	NW <sub>1</sub> 30 1/2			Cloudy till 11, after-wards bright, with few light clouds only.	☐ ☽ ☽	
	-73	W <sub>2</sub> 33			Evening hazy & red sky.		
		W <sub>1</sub> 42					
Su. 4.	-78	SW <sub>1</sub> 30			Hazy & cloudy, little sun at times. Light rain at 2 1/2 pm, & cold breeze. And cloudy evening with gentle sleet showers.		03
	-79	W <sub>1</sub> 35					
		NW <sub>2</sub> 41					
		NE <sub>2</sub> 35					
M. 5.	-87	NW <sub>1</sub> 30			Bright all day, but a cold air. Calm evening and clouds from SW.		
	-88	N <sub>1</sub> 33			Frosty at 9 pm. Change at 12.		
		SW <sub>0</sub> 41					
Tu. 6.	-63	SE <sub>3</sub> 31			Cloudy with sleet at 8 am. Blowing & drying day, and chiefly cloudy & very cold to the feelings. Raining evening, & snow after 12.	cold, and blustering	16
	-43	SE <sub>4</sub> 38					
		SE <sub>3</sub> 43					
W. 7.	-28	SW <sub>2</sub> 31			Snow early, bright day with stormy clouds, and cold breeze. Unsettled sky in the evening.	Lightning in the evening.	
	-30	SSE <sub>2</sub> 35			Lightning in the E. & E. 38		
		SSE <sub>2</sub> 44					
41531	2003285	Mean Temp 34° 67. Rain over -0.19					

485.5 = About 7° below Average.

# March 1866.

March	Baro. meter	Wind	Thermom. 8 <sup>am</sup> High.	Thermom. at 8pm.	Weather, &c.	notes	Rain
Th. 8.	29.50	NE <sub>1</sub> 30			Stormy clouds on East horizon, some hail early AM.	* 24	
		NE <sub>2</sub> 36			Day bright, with rocky clouds. Short squalls and hail in the evening & night.		
	-75	NE <sub>2</sub> 46					
F. 9.	30.03	N <sub>4</sub> 34			Clouds & sun, with a very brisk wind, and some squalls of hail & rain at times. - Night finer.	moon last 2 <sup>nd</sup> 3.53 pm.	13
	-12	NE <sub>3</sub> 39					
		NE <sub>3</sub> 44					
S. 10.	-33	NE <sub>3</sub> 33			Cloudy, with sun, and brisk & cold wind. The evening the same, and a parching air, more than of late.	fine.	05
	-43	NE <sub>3</sub> 38					
		NE <sub>2</sub> 44					
Su. 11.	-41	NW <sub>1</sub> 36			Cloudy more or less, but fine & more pleasant, with sun at times, and gentle wind. Cloudy Evening.	very fine.	
	-21	W <sub>2</sub> 39					
		W <sub>1</sub> 48					
M. 12.	-07	W <sub>3</sub> 34			Flying clouds, and sun, very rocky dense & electric clouds in the afternoon, & distant shower in E. 5 pm.	* 24	
	29.76	W <sub>3</sub> 42					
		W <sub>2</sub> 50					
Tu. 13.	-62	NW <sub>2</sub> 31			Cold gusty wind, with sleet & rain at times. Evening, finer, less wind, & in part clear.		04
	-65	N <sub>4</sub> 35					
		N <sub>2</sub> 43					
W. 14.	-63	NW <sub>2</sub> 27			Hard frost early, & hail at times; day bright, with some rocky clouds, & cold breeze. Calm, Evening, and frost by night.		
	-62	NW <sub>2</sub> 31					
		Varo. 41					
41973	225316	Mean Temp 38° 64. Rain over -0.41					

541 = 3 1/2° below Average.



# March 1866.

March	Baro- meter	Wind	Thermom. 8 am	Thermom. at 8 pm	Weather, &c.	notes.	Rain
Th. 15.	29.50	SE <sub>2</sub>	27		Hard frost early, hazy & change of wind after 6. - very blowing day, hazy sky & sun. -	very cold & blowing day.	0.41
	-42	SE <sub>6</sub>	35				
		SE <sub>4</sub>	43				
F. 16.	-41	SE <sub>2</sub>	36		Hazy but soon bright and much warmer, with a parching breeze.	new moon 9.37 pm.	
	-37	SE <sub>4</sub>	42		very hazy & thick eve- ning, & night. -	☐ ☐ ♀ ☐ ☐ ♀	
		SE <sub>2</sub>	53				
S. 17.	-30	SE <sub>3</sub>	40		Cloudy & mottled sky. Raining forenoon, bright after 2 pm.	* ☉ 4	
	-35	S <sub>2</sub>	45		and clear even. -		15
		S <sub>2</sub>	49				
Su. 18.	-47	SE <sub>2</sub>	34		Bright and pleasant with light clouds, & gentle wind. Evening hazy & rather electric winds of cloud. -	Fine.	
	-50	SE <sub>2</sub>	41				
		SE <sub>1</sub>	53				
M. 19.	-47	E <sub>2</sub>	40		Fog & misting morn- ing, day cloudy with sun; and cloudy evening and night. -		02
	-36	E <sub>2</sub>	44				
		NE <sub>2</sub>	49				
Tu. 20.	-51	NE <sub>2</sub>	39		Cloudy, gloomy, and cold wind all day alike. Very hazy and thick evening, moon dim. -	☐ ☉ ☐	
	-60	NE <sub>3</sub>	42				
		E <sub>2</sub>	43				
W. 21.	-63	NE <sub>2</sub>	33		Cloudy & snow much hail & snow. 1 1/2 pm. then finer, till 4 1/2 pm. then sleet & rain at times. -	Rain, snow, & hail.	12
	-73	NE <sub>2</sub>	35				
		NE <sub>1</sub>	40				
412.62			249	330	Mean Temp 41° 35.	Rain	0.70

579 = more than 1/2 a degree  
below Average. -

# March 1866.

March	Baro- meter	Wind	Thermom. 8 am	Thermom. at 8 pm	Weather, &c.	notes.	Rain
Th. 22.	29.80	NW <sub>1</sub>	28 1/2		Frost early A.M. - Bright morn, cold. Squalls hail & snow with sun between	cold & squally.	
	-94	NW <sub>2</sub>	35		Hazy Evening, but calm and a frosty night. -		
		W <sub>0</sub>	43				
F. 23.	30.00	S <sub>2-3</sub>	26		Frost early, change to hazy & W to E. blowing hard all day, but mostly bright, & much warmer. Hazy thick & blowing evening. -	moon 1st Dr. 1.2 pm. rain - 9 till 12 pm.	40
	29.65	S <sub>5-6</sub>	38				
		S <sub>6-7</sub>	50				
S. 24.	-22	SW <sub>2</sub>	37		hail & rain till after 1 am, bright morn, and chiefly so till 5 pm. Even stormy with dark clouds & rain at times. Squally night. -		
	-18	SW <sub>2</sub>	45				
		SW <sub>2</sub>	52				
Su. 25.	-64	NW <sub>3</sub>	42		Cloudy, little rain, early but a fine day, with sun at times, and cool breeze	scadden & great rise of Barom.	07 06
	30.15	N <sub>2</sub>	44		cloudy evening, fog in the night. -		
		N <sub>1</sub>	50				
M. 26.	-29	S <sub>2</sub>	41		Foggy till 8, bright and warm till after 2, then cloudy, close, & trifling rain at times, and a shower during night. -	Δ 1/8	
	-30	SW <sub>2</sub>	45			night showery	
		SW <sub>1</sub>	56				
Tu. 27.	-17	SW <sub>2</sub>	45		Bright and warm, with rocky electric clouds, & little showers at a distance. Calm & mild Evening. clear moon-light. -	fair and warm.	08
	-24	SW <sub>2</sub>	50				
		W <sub>0</sub>	60				
W. 28.	-27	SW <sub>1</sub>	39		Grey haze, with clouds & sun, but warm, and chiefly fine. Blue haze from 5 pm, close evening little light rain. -	close & fine.	
	-20	SW <sub>2</sub>	46				
		SW <sub>1</sub>	59				
419.05			258	370	Mean Temp 44° 89.	Rain	0.34

628.5 = 2 3/4 deg above Average. -



# March 1866.

Month	Baro. meter	Wind.	Thermom. Fahrenheit 8 Highest	Thermom. at 8 pm.	Notes	Rain. { 1.34
Th. 29	30.21	W. 1.	47		Fog & close air, fine and warm day, and bright at times. —	warm & pleasant.
	-29	W. 1.	50		Evening hazy & close. —	Butterflies seen.
F. 30.	-22	W. 2.	49		Hazy, with grey clouds, and little sun, fine and pleasant. Even	Thin & pleasant.
Good Friday	-27	W. 0.	53	60	hazy and calm, and the night cloudy. —	52
S. 31.	-05	NE. 1.	45		Cloudy, little wet, clear- er, & some sun at 3 pm. Raining Evening —	Full moon 4.31 am. Total Eclipse.
	29.94	NE. 1.	48	51	but finer night. —	46
180.98			141	172	Mean Temp 3 Days 52° 16. —	Rain 1.47

## Barometer.

Highest on 10<sup>th</sup> 30.43.

Lowest on 24<sup>th</sup> 29.18.

Range 1.25

Mean of Month 29.79.

Gales on 2 Days.

## Thermometer.

Highest on 29<sup>th</sup> 61°

Lowest on 1<sup>st</sup> 22°

Range 39°

Mean daily range 12° 54.

Mean of Month 41° 08

Only 9 tenths of a degree  
below Averages.

Winds much divided, but chiefly N.E., S.E., N.W., & S.W., and  
due West. — Rain 1.47 in., and fine days 18.

# Summary Notes on March 1866.

This month was very seasonable, both in its  
temperature and pressure of Atmosphere,  
but comparatively colder in the first 3 weeks,  
than the preceding months. Much sickness  
prevailed, and the Cattle Murrain abated but  
little for the Kingdom, but in Cheshire  
Lancashire and Yorkshire it alarmingly  
increased in the former part of the month.  
Vegetation previously early met a check un-  
till after the 23<sup>rd</sup> when some pleasant days  
followed, with a great and sudden rise of  
the Barometer on the 25<sup>th</sup> day. The Thermome-  
ter also became much elevated until the 30<sup>th</sup>  
with pleasant vernal breezes.

Thunder in some Counties on the 7<sup>th</sup>, 18<sup>th</sup>,  
and 23<sup>rd</sup> and the Equinoctial gales were most  
apparent on the last mentioned day.

The temperature made a weekly advance  
all the month, and singularly regular was  
the same up to the evening of Good Friday  
the 30<sup>th</sup>.



# APRIL 1866.

1. April.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 p.m.	Notes.	Rain.
Su. 1.	29.66	NW <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	37 44 51		Easter Sunday. Clouds and sun, a hazy sky, & very rocky clouds. P.M. Even- ing hazy & nearly calm.	
M. 2.	-56	NE <sub>1</sub> E <sub>2</sub> E <sub>2</sub>	32 43 48		Hard frost early, rain & hail at 4 1/2 8 am, and flying rain at times all day. Finner night.	Squally 14 05
Tu. 3.	-71	NE <sub>2</sub> NE <sub>1</sub> SE <sub>1</sub>	38 44 50		Clouds and sun with slight showers of rain and hail. Cloudy Evening, but chiefly fine.	05
W. 4.	-82	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	34 44 50		Foggy morn'g, then cloudy with some sun, & cold air. Shower of hail & rain. 1 p.m. Hazy Evening.	03
Th. 5.	-99	E <sub>2</sub> E <sub>2</sub> E <sub>2</sub>	36 46 52		Bright morn'g, but soon cloudy at times, little sun, and cold wind. Some rocky electric clouds.	
F. 6.	-20	E <sub>4</sub> E <sub>4</sub> E <sub>3</sub>	40 49 54		Dry & blowing with clouds & sun, knotty electric dappled clouds. Even'g & night list of wind.	Electric clouds at 11 a.m. Earthquake shock 11 p.m.
S. 7.	-05	NE <sub>2</sub> NE <sub>1</sub> E <sub>0</sub>	40 46 50		Showery from 3 1/4 a.m., in short fits of rain till 4 am, Cloudy all day, and some misting. Even'g clearer.	Fog in the Night. 02
418.23			257.3555		Mean Temp 43.75	Rain 0.33
			612.5		2 1/4 deg below Average. carried up.	

# APRIL 1866.

April.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 p.m.	Notes.	Rain.
Su. 8.	30.73	NE <sub>1</sub> NE <sub>2</sub> NE <sub>3</sub>	39 45 52		Very dense fog all the morn'g: and low clouds all day & no sun, but fine. Again drifting fog in the Even'g.	moon last Dr 8.42 a.m. Δ 1/2
M. 9.	-21	NE <sub>4</sub> NE <sub>3</sub> NE <sub>2</sub>	40 44 46		Blowing, cloudy & some rain at times, and more in the afternoon. Evening rather finer, and less wind.	□ 2 ♀ * 18 ♀ 25
Tu. 10.	-97	Var. 0. SW <sub>1</sub> SW <sub>1</sub>	40 46 55		Cloudy close morn'g, fine & clearer after 10, dark clouds and distant. Than- der. Close Even'g and blue haze.	Thunder at 4 p.m.
W. 11.	-91	SE <sub>2</sub> SE <sub>4</sub> SE <sub>4</sub>	40 52 58		Hazy, sun & cloud, but fair, and very brisk wind. Overcast & very wet. Even'g till 8. but finer in the night.	Hard rain at Eve. 46
Th. 12.	-71	W <sub>3</sub> W <sub>2</sub> SW <sub>2</sub>	44 54 60		Cloudy till 9, then bright, and warm, with rocky clouds. Even'g again cloudy & a blue haze. very close night.	flowing day. 52
F. 13.	-98	SW <sub>2</sub> SW <sub>2</sub> S <sub>2</sub>	50 57 64		Cloudy, close morn'g, very little rain early: bright & very warm noon, but drifting clouds after 2. Fine & pleasant Even'g.	Weymouth piping. lightning at 9 p.m. in S.E. 05
S. 14.	-07	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	41 52 62		Bright & pleasant with flying clouds, till 3 1/2 p.m., then a hasty shower, afterwards again fine.	04
419.78			294.398		Mean Temp 49.42	Rain 1.13
			692		3 1/4 above Average. carried over	



# APRIL 1866.

April	Baro. meter	Wind.	Thermom. 9 Highest am	Thermom. at 8 pm	Weather.	notes	Rain. 1.13
Su. 15.	30.36	SW <sub>1</sub> W <sub>3</sub> SW <sub>3</sub> S <sub>2</sub>	41 54 62		Bright and warm till 3pm, then hazy with very electric clouds. — Close & hazy Even <sup>g</sup> . and Night.	new moon 7.3 am.	
M. 16.	-12 29.97	S <sub>3</sub> SW <sub>4</sub> SW <sub>3</sub>	48 52 55		Cloudy & dripping morn <sup>g</sup> , finer from 9 till 3, then rain half an hour. — Afterwards fine & some sun at times.	06	
Tu. 17.	-99 30.03	W <sub>4</sub> W <sub>4</sub> W <sub>1</sub>	45 55 61		Bright and windy with flying clouds. Less wind at Evening and clear orange sun-set.	3 2 2	
W. 18.	-07 -10	W <sub>1</sub> W <sub>2</sub> W <sub>0</sub>	42 54 63		Bright and warm, with cumuli clouds at times. Calm & mild in the Even <sup>g</sup> . Sun set in a haze.	Cuckoo sings.	
Th. 19.	-07 29.89	E <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	40 53 64		Hazy but became sunny and warm, dappled, and electric clouds p.m. And hazy evening.		
F. 20.	-93 30.03	SW <sub>2</sub> SW <sub>3</sub> W <sub>1</sub>	44 55 61		Bright till noon, with rocky clouds, flying show-ers p.m., & more cloud, and distant Thunder. — Fine & still Evening.	Thunder p.m. * O H	03 02
S. 21.	-13 -33	W <sub>2</sub> W <sub>1</sub> NE <sub>1</sub>	42 56 63		Showers early AM. Fine sunny day, with rocky clouds. Hazy evening & sun red, and wind to NE.	moon. 1st Qr 10.31 pm. □ O 4	07
421.33		302.429		Mean Temp 52° 214. Rain 1.31			

731 = 6 Deg above Average. } carried up

# APRIL 1866.

April	Baro. meter	Wind.	Thermom. 9 Highest am	Thermom. at 8 pm	Weather, &c.	notes	Rain. 1.31
Su. 22.	30.50	NE <sub>1</sub> E <sub>2</sub> E <sub>2</sub>	38 52 60		Great fog till 8 am; became bright at 9. fine sunny day, wind cool, with fleecy clouds. Clear sunset & bleak wind.	(very fine.)	
M. 23.	-56 -50	ENE <sub>3</sub> ENE <sub>4</sub> ENE <sub>2</sub>	39 50 54 1/2		Clear, & parching wind very fine but cold and blustering. — Sun set quite clear, wind less, and a very strong twilight.	Parching day.	
Tu. 24.	-41 -31	E <sub>2</sub> E <sub>3</sub> E <sub>2</sub>	39 54 58		Clear, very bright with a parching wind, and sun set in full lustre. Clear & breezy night.	very dry ing air.	
W. 25.	-28 -25	E <sub>1</sub> E <sub>1</sub> E <sub>1/2</sub>	41 60 66		Clear, very bright all day, & very warm, with gentle wind & no clouds. Pure golden sunset. Bands of cloud rising P.M.	(very fine & warm.)	
Th. 26.	-20 -12	E <sub>1</sub> E <sub>2</sub> ESE <sub>2</sub>	42 61 72		Bright with curled elec-tric clouds, very fine & hot. Some haze & more cloud at eve. very elec-trics and curled.	Hot & bright.	
F. 27.	-02 29.92	S <sub>0</sub> SE <sub>2</sub> SE <sub>1</sub>	48 63 78		Hazy, curled & electric, soon very bright, and very hot. Even <sup>g</sup> hazy & some dark clouds. Sub-ty night.	Very hot. Lightning in South at 9 pm.	
S. 28.	-61 -67	S <sub>1</sub> SW <sub>1</sub> N <sub>2</sub> NE <sub>1</sub>	53 62 62		Very close, hazy morn <sup>g</sup> ; thick & cloudy with rain at times from 9 am, and wet afternoon & evening, and much colder.	great change.	
422.91		300.4505		Mean Temp 53.6. Rain 1.71			

750.5 = 7. deg. above Average. } carried over



# APRIL 1866.

April	Baro. meteo	Wind.	Thermom. 9 <sup>am</sup> Highest.	Thermom. at 8pm.	notes.	Rain
Su. 29.	29.90	N E 3	42		Cloudy & colder, shower of sleet & rain 8 am; finer & little sun in the day, but some trifling rain at times. Clouds adverse.	Full moon 9.23 pm. 03
	-99	N E 2		51		80°
M. 30.	30.01	N E 3	33		Little shower 5 am: fine day with flying clouds, & sun, but very cold and blustering. Cloudy & blowing night.	03
	29.87	ENE 4	45			
		ENE 4	48	39		
	119.77		75	99	Mean 2 days 43° 5.	Rain — 1.77

## Barometer.

Highest on 22<sup>nd</sup> 30.56

Lowest on 2<sup>nd</sup> 29.56

Range — 1.00

Mean of month 30.03

No positive Gales, but stiff breezes on 6<sup>th</sup>, 11<sup>th</sup>, 23<sup>rd</sup>, & 30<sup>th</sup>.

## Thermometer.

Highest on 27<sup>th</sup> 78°

Lowest on 2<sup>nd</sup> 32°

Range — 46°

Mean Daily range 16° 46

Mean of Month 49° 33.

About 3° above Average. —

Prevalent currents N E, E, and S W: — Depth of rain 1.77. Inch. — Fine days 17 in number. —

The Thunder during this month was chiefly in the Western and South Eastern Counties, on or about the 6<sup>th</sup> 10<sup>th</sup> 13<sup>th</sup> 20<sup>th</sup> 26<sup>th</sup> 27<sup>th</sup> & 28<sup>th</sup> days. —

# Summary Notes on April 1866.

This was a good Spring Month, with a medium supply of rain, a few days of chilling wind, but scarcely any frosty nights, and a considerable number of fine and warm days. The heat on 26<sup>th</sup> and 27<sup>th</sup> was that of Summer on a Sunday, and as sudden was the change or re-action on 29<sup>th</sup> when the Siberian breeze resumed itself for a time. — The Cuckoo was heard earlier than usual, and became a daily songster from the 17<sup>th</sup>. — Vegetation generally and speedily progressed from the 10<sup>th</sup> day, and the grass lands hedged, and many of the trees were very verdant about the 27<sup>th</sup> and had been so, several previous days, — and orchards blooming well. —

Public Health a medium, the usual Vernal Diseases prevalent. — The Cattle Murrain gradually subsiding during the month; the Northern portion of the Kingdom as yet suffering more than other parts of our land. —

There was an Earthquake Shock felt in Suffolk & elsewhere at 11 pm of the 6<sup>th</sup> and distant Thunder also heard that night: and thunder was heard on 10<sup>th</sup> 13<sup>th</sup> 20<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup> and morning of the 28<sup>th</sup> in many Counties. —



# MAY 1866.

May.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Notes.	Rain.
Tu. 1.	29.70	NE <sub>4</sub>	38		Blowing, and cloudy, very cold, and rain at times. Less wind at eve, but very cold and lowering. —	07
	-57	NE <sub>3</sub> NE <sub>2</sub>	43 45			
W. 2.	-60	NW <sub>2</sub>	38		Cloudy with little sun, and trifling showers at times; Clear evening, but in the night variable. —	13
	-72	NW <sub>1</sub> WNW <sub>1</sub>	47 49			
Th. 3.	-73	Var. 1.	33		Misting at 7 am; cross currents & thunder storm & hail at 12, and much thunder all p.m. Finer Even.	03
	-80	SE <sub>1</sub> SE <sub>1</sub> W <sub>1</sub>	47 52		Thunder all day.	12
F. 4.	-90	Var. 0.	32		Clear, very bright till 11 am, then rocky clouds and thunder at a distance, Evening finer, and more serene all night. —	
	30.01	W <sub>1</sub> S <sub>2</sub> SW <sub>2</sub>	51 57		Thunder p.m.	
S. 5.	-16	SW <sub>3</sub>	36		Bright till noon, with flying clouds, showery after 4 p.m., and till about 7, then fine. —	14
	-20	SW <sub>2</sub> W <sub>1</sub>	52 58			
Su. 6.	-30	W <sub>1</sub>	41		Bright, & pleasant, with light clouds till 3 p.m.; afterwards more clouded, but again brighter after 6 p.m. —	
	-38	W <sub>1</sub> W <sub>1</sub> SE <sub>1</sub>	57 63			
M. 7.	-37	W <sub>1</sub>	43		Bright, and warm with electric cumu- li. Bright Evening with light haze. —	
	-32	W <sub>1</sub> W <sub>1</sub> W <sub>1</sub>	59 64		moon. last 2p 9.42 p.m.	
419.76		261388.5		Mean Temp 46.39.		Rain 0.49
		649.5		= 6° below the		car up.
				Average.		

# MAY 1866.

May.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Notes.	Rain.
Tu. 8.	30.20	W <sub>1</sub>	44		Bright with light haze, and some clouds, warm & pleasant. More wind & cloud after 4 p.m. —	0.49
	-06	SW <sub>2</sub> SW <sub>2</sub> S <sub>1</sub>	59 67		fair & warm.	
W. 9.	29.92	SW <sub>3</sub>	48		Cloudy & gentle rain at 5 am, and at times till noon. Afternoon bright with rocky clouds, & fine sunny Even.	12
	-89	W <sub>2</sub> W <sub>2</sub>	53 63			
Th. 10.	-98	W <sub>3</sub>	46		Brisk wind, all the path night. Stormy clouds all day, sun at times, & showers passing by. Evening more serene. —	03
	30.07	NW <sub>3</sub> W <sub>1</sub>	55 60		Squally sky. Hawthorn blooming partially.	
F. 11.	29.85	S <sub>3</sub>	47		Very rainy till near 12, then fine, bright at times and very windy, but a warm afternoon. —	50
	-72	SW <sub>6</sub> WSW <sub>5</sub>	52 64		Evening stormy looking.	
S. 12.	-64	SW <sub>3</sub>	45		Rainy morning till 10, thunder. NW at 11, and severe storm at noon, from NW, and more in the N. — Squally Even.	29
	-83	W <sub>2</sub> NW <sub>3</sub> NW <sub>4</sub>	52 57		Severe thunder storm.	14
Su. 13.	30.00	NW <sub>3</sub>	42		Lowering clouds & cold wind, sometimes boi- sterous, & little sun at times; less wind in the Even., & night. —	
	-18	NW <sub>5</sub> NW <sub>2</sub>	50 53		cold & cheerless. Hawthorn blooms.	
M. 14.	-25	NW <sub>2</sub>	41		Cloudy more or less, with some sun at times, and cold breeze. Evening clearer, and very cool. —	new moon 2.58 p.m.
	-29	N <sub>2</sub> NW <sub>2</sub>	50 55			
419.88		313420		Mean Temp 52.35.		Rain 1.57
		733		= About the		car over.
				Average.		



# MAY 1866.

May	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Weather, &c.	notes	Rain 1.57
Tu. 15.	30.37	N 2. 39 N 1. 49 NNE 1. 52			Cloudy more or less all day, and very cool, but more settled and less wind towards evening, & bleak air. 45		
W. 16.	30.51	Var. 1/2 32 1/2 SE 1. 53 SE 2. 60			Clear frosty morn'g, but soon warmer. Cloudy with sun at times. Even'g chiefly cloudy, and hazy night. 51		
Th. 17.	30.44	SE 2. 37 SE 2. 54 SE 1. 60			Clouds & sun, very fine, with cool breeze. Sun set. red in blue haze, fine night. 51		
F. 18.	30.34	SE 1. 37 E 1. 59 E 2. 66			Bright and warm, few small clouds, and gentle breeze. Even'g also very bright, and clear sunset. 52	□ 4 8 * 11 8	
S. 19.	30.33	SE 2. 38 SE 2. 64 SE 1. 71			Very bright, and the middle of the day hot with a fresh breeze. Clear Even'g, and golden sunset. 56	very fine & hot.	
Su. 20. Whit- sunday.	30.38	E 2. 44 E 3. 63 E 3. 66			Very bright, with brisk parching wind all day. Evening also quite clear, & rosy sunset. 54	very parching.	
M. 21.	30.52	E 2. 45 E 4. 59 E 2. 62			Very bright all day, but a cool and boisterous wind. - Even'g also clear, golden sunset, & less wind. 49	moon 1st Dr 9.58 am.	

425.96 272.5437 Mean Temp 50° 6' 78 Rain 1.57  
709.5 = 2 1/2 under Average. (carried up)

# MAY 1866.

May	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	Weather, &c.	notes	Rain 1.57
Tu. 22.	30.49	NE 2. 43 E 3. 57 E 2. 61			Clear, very bright, but a stiff & cool breeze all day. Even'g clear also, wind rather less. 49	3 1/2 8	
W. 23.	30.32	NE 1. 41 NE 2. 53 NE 1. 65			gray clouds till 10 am, then bright and warm, and a serene even'g, and golden sunset. 55	Δ 0 4	
Th. 24.	30.06	E 3. 42 E 4. 51 E 3. 58			Cloudy morn'g, and wind gusty, chiefly bright after 11 am, but wind boisterous gray haze all round at evening, & sun very red. 48		
F. 25.	30.07	E 2. 43 E 5. 54 E 2. 59			Bright with some light clouds at times, and very boisterous wind. Sun set red, & clouds rising in SE. rather electric. 49	parching weather.	
S. 26.	30.80	E 3. 46 E 2. 60 E 1. 63			Partially bright, with electric clouds, quite bright all day from 10 am, few small electric clouds, and sunset rusty red. 55	very fine.	
Su. 27.	30.82	NW 1. 48 Var. 1/2 56 W 1. 61 SW 1. 61			Cloudy & electric. Thunder at 8 am. in E. & till noon at a distance. Rain at 11 & 1 then bright & warm from 3 pm. Thunder W. at 6. Rain 8 pm. 57	Thunder East. 8 am & after.	.73
M. 28.	30.96	W 1. 46 SW 1. 62 SE 2. 71 SE 2. 58			Bright, and hot, with few clouds, & gentle wind. veering to SE. at 2 pm. Evening bright with a gray haze. 58	very fine & hot.	.03

420.77 309.438 Mean Temp 53° 35' 78 Rain 1.73  
747 = About the Average. (carried over)



# MAY 1866.

Baro.	Wind.	Thermom.	Thermom.	notes.	Rain
May. meter		9 am	8 pm		1.73
Tu. 29. 29.91	NE <sub>1</sub> NW <sub>2</sub> Var. 0.	46 62 68		Bright and very warm till after 1 pm. then more clouds. & breezy. Even calm, cloudy and closer. —	Full moon 1. 18 pm.
W. 30. -10	W <sub>0</sub> SE <sub>1</sub> SE <sub>2</sub>	39 60 65		Clear dewy morn'g, but soon cloudy at times; bright afternoon, but hazy with a halo, and the Even'g hazy. —	♂ H ♀
Th. 31. 29.96	E <sub>2</sub> E <sub>4</sub> E <sub>2</sub>	47 53 62		Strong blue haze, followed by little rain at 9 am. — Then finer, some sun, but thick, & hazy, distant Thunder. Shower at 8 pm. —	Thunder 10 PM in E. 03
179.91		132/195		Mean Temp. 3 days 54° 5. —	Rain 1.86

## Barometer.

Highest on 21<sup>st</sup> — 30.57

Lowest on 1<sup>st</sup> — 29.57

Range — 1.00

Mean of month 30.10

Except the fall on the 11<sup>th</sup>;

No real gales in this district, but approaching them on 24<sup>th</sup> & 25<sup>th</sup>.

Prevailing winds East and S.E.

Fine days 21. — Depth of rain 1.86 Inch. —

## Thermometer.

Highest on 19<sup>th</sup> & 28<sup>th</sup> — 71°

Lowest on 4<sup>th</sup> am — 32°

Range — 39°

Mean daily range 19.06

Mean of Month 51° 28

2° below Average.

# Summary Notes on May 1866.

This was on the whole a variable Month, and with but little very warm weather, so that the mean Temperature was less than for 10 years past. Yet vegetation went on, and from the impetus given it by the mildness of most of the winter Quarter, we found all nature fully up to a good medium of forwardness, even so that by the end of this month, all the trees put on their fullest beauty! Wheat crops looked as if, in some sort, suffering for want of a more forcing atmosphere, at least in most instances; but the Barley & Beans looked well, as also most of the Peas. And the clover and grass lands promised a better yield than for several years past. The "Cattle Plague" on the wane, and the Public Health about on the usual Average for this period of the year. —



June 1866.

June	Baro. meter	Wind.	Thermom. lowest	9 am	Highest	Thermom. at 8 pm.	Notes.	Rain.
F. 1.	29.84 -87	E <sub>2</sub> E <sub>2</sub> E <sub>1</sub>	51 56 58				Cloudy morn'g, and a blue haze. Overcast & wet after 2 pm, and till 4. Evening finer, but distant Thunder East. 54	10
S. 2.	-98 30.07	SE <sub>0</sub> SE <sub>½</sub> SE <sub>1</sub>	52 62 72				Fog till after 8 am, then bright and hot, with very rocky clouds, and evening also very bright. - Close night. 64	Δ ½ ♀ very hot p.m.
Su. 3.	-05 -05	SE <sub>1</sub> SE <sub>2</sub> ESE <sub>2</sub>	53 73 76				Clear orange sun-rise very bright, morn'g. - very hot day, mostly bright & electric clouds, with a sultry breeze. - 67	very hot & sultry
M. 4.	-02 29.92	Var. <sub>2</sub> NW <sub>2</sub> W <sub>1,2</sub> Var. <sub>½</sub>	57 65 73				Black with much Thunder SW & W, from 6 am, and in all points till noon. lightning sharp, & some rain. Sultry day, and lightning at night also. 65	12 severe thunder storms near.
Tu. 5.	30.03 -11	S <sub>2</sub> SSE <sub>3</sub> S <sub>4</sub> S <sub>2</sub>	55 63 68				Bright with flying clouds and brisk wind. At times boisterous, but less after 3 pm. Distant shower in SW-7 pm. Buggy air. 62	
W. 6.	-13 -20	S <sub>3</sub> S <sub>2</sub> SSW <sub>2</sub>	54 58 66				Cloudy more or less, & brisk wind. Clearer after 12, at times bright, and very sunny evening. but rather hazy. 60	moon last Dr. 7.13 am.
Th. 7.	-25 -27	SSW <sub>2</sub> SSW <sub>2</sub> SW <sub>1</sub>	51 64 70				Cloudy, & sultry, little sun: but become bright after 4 pm, and hot all evening. Hazy at sunset. Close night. 66	sultry day.
42079		373483		Mean Temp 61° 14.		Rain - 0.22		
		856		= 3¼ over Average.		(carr'd up		

June 1866.

June.	Barometer	Wind.	Thermometer 9 Highest	Weather, &c.	Notes.	Rain.
F. 8.	30° 32'	S E. <sub>1</sub> . SSE <sub>2</sub> . S <sub>1</sub> . W <sub>1</sub> .	54 72 78	Bright with thin clouds, and very hot: some lazier rocky clouds about noon. Very sultry Eve- ning, & veered to W, after 5 pm. — Calm night. —	(very hot.)  69	0.22
S. 9.	-40 -33	SSE <sub>2</sub> . SSW <sub>1</sub> . S <sub>1</sub> . S <sub>1</sub> .	52 72 81	Bright, & very hot, with light clouds, & gentle airs. Cirri & haze after 4 pm very sultry evening, and night, & gray haze. —	very hot, & close.  72	
Su. 10.	-24 -15	SSW <sub>1</sub> . SSW <sub>1</sub> . SW <sub>2</sub> .	62 76 83	Extremely sultry, electric, & little haze: became bright & intensely hot, little more wind after 12. & gusty in the evening, yet very hot. —	Excessively hot. 11 am 80° noon 82° 1 pm 83° 4 pm 81°	Lightning 10 pm in NW.
M. 11.	-21 -14	W <sub>2</sub> . SW <sub>2</sub> . WSW <sub>1</sub> . SW <sub>1</sub> .	55 65 72	Bright, with clouds at times, and the heat mo- derated since yesterday. Evening more clouded, and very close night. —	very plea- sant day.  64	
Tu. 12.	29° 88'	S <sub>3</sub> . SSW <sub>2</sub> . SW <sub>2</sub> . SW <sub>2</sub> .	56 63 68	Close with clouds & gusty wind. Distant thunder in W, all forenoon. Clouds and sun in the afternoon. Breezy night. —	new moon 10.7 pm.  62	
W. 13.	-73 -96	SW <sub>3</sub> . SW <sub>4</sub> . W <sub>2</sub> . NW <sub>1</sub> .	52 60 64	Cloudy with sun, and a brisk wind. Lowering af- ternoon, little rain. Fine evening, sunny, and nearly calm. Thunder 5 p.m.	Rather squally.  57	0.2
Th. 14.	30° 7'	W <sub>1</sub> . W <sub>½</sub> . W <sub>o</sub> .	49 60 68	Bright morning till 12 m. afterwards clouds & sun. pleasant, calm, & close afternoon, and evening.	□ 4 ♂  62	
42168			380514	Mean Temp 63.857.	Rain - 0.24	

894 = nearly 6° above  
the Average. —

carried over



June 1866.

June.	Baro. meter	Wind.	Thermom. dew pt. 9 am.	Thermom. highest.	Weather, &c.	Thermom. 8 pm.	notes.	Rain
F. 15.	30.09 29.96	SW <sub>2</sub> . 53 SW <sub>2</sub> . 63 W <sub>2</sub> . 66.			Bright, with clouds at times: more cloudy from 11 1/2 am. rainy Evening from 7 till after 10 pm. —	58		0.24
S. 16.	—96 —74	W <sub>2</sub> . 48 W <sub>3.4</sub> . 61 W <sub>2.3</sub> . 67			Flying clouds and sun; and the wind gusty. The evening in part cloudy, and wind brisk. —	58	680	
Su. 17.	—50 —85	NW <sub>4</sub> . 45 NW <sub>3</sub> . 48 W <sub>2</sub> . 60			Much rain since mid- night, & till about 4 am. cloudy, blowing forenoon bright afternoon. Thunder shower 4 W. 5 1/2 pm. —	54	*H8	43 03
M. 18.	—83 —66	SW <sub>1</sub> . 45 1/2 S <sub>5</sub> . 54 SW <sub>3</sub> . 58 2.			Cloudy, lowering, rain at times, and some heavy gusts of wind. Night finer, and wind abating. —	57	Stormy & coarse.	71
Tu. 19.	—72 —93	SW <sub>2</sub> . 53 SW <sub>3</sub> . 60 SW <sub>4</sub> . 66			Clouds & sun, with fre- quent flying showers, and very squally wind. — Night fine and less wind. —	58	moon 1 <sup>st</sup> Dr 11.45 pm	24
W. 20.	30.17 —17	SW <sub>1</sub> . 46 S <sub>2</sub> . 60 S <sub>2</sub> . 67			Mixed clouds, and sun, rather electric and hazy. Evening and night sultry. 61	61	88h 88g	
Th. 21.	—07 —04	S <sub>2</sub> . 58 S <sub>3.1</sub> . 70 SW <sub>0</sub> . 77			Bright & very hot, elec- tric clouds, and sultry breeze. Even calm, hazy & very hot; wind lightning from 10 pm.	70	Δ4g *8g much lightning.	
418.69		348.5461		Mean Temp 57.82.)		Rain — 1.27		
809.5 = slightly below						Average. — (carried up.		

June 1866.

June	Baro. meter	Wind.	Thermom't. 9 am	Thermom't. Highest of the day	Weather, &c. at 8 p.m.	notes.	Rain 1/27
F. 22.	30.01 -14	W <sub>1</sub> W <sub>2</sub> WNW <sub>3</sub> W <sub>4</sub>	60 67 72		Lightning S. to W. till 2 am, then rain till near 3 am. Hot & bright till 11. About thunder storm noon: afterwards bright & hot.	84° Severe thunder.	.31 .12
S. 23.	-25 -33	SE <sub>1</sub> SE <sub>1</sub> SE <sub>4</sub>	52 64 72		Fog till 6 am, cloudy till after 10, then bright and very hot. Evening clear, except light haze on horizon.	very fine.	
Su. 24.	-35 -35	SE <sub>1</sub> SE <sub>2</sub> E <sub>2</sub>	49 68 73		Bright, and very hot, with a pleasant breeze, and the Evening clear, and brilliant sunset: but clouds on horizon.	very fine & hot.	
M. 25.	-29 -27	NE <sub>2</sub> NE <sub>2</sub> NE <sub>2</sub>	53 65 74		Cloudy & sultry morning, bright & very hot after 11, with cumuli clouds. Very brilliant. Evening.	fair, and very hot.	
Tu. 26.	-23 -22	E <sub>2</sub> E <sub>2</sub> E <sub>1</sub>	56 74 80		Very bright, and extremely hot, with a fresh breeze at times. Evening also brilliant & purest sunset, and fine night.	80° very hot.	
W. 27.	-12 -10	E <sub>1</sub> E <sub>1</sub> SE <sub>2</sub>	58 77 81		Very bright, and extremely hot, but some electric clouds p.m., and more wind. Thunder SE 7pm & lightning SW at 10.	80° extremely hot.	
Th. 28.	-11 -13	Var. W <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	64 68 76		Hazy & electric little rain early. Cloudy till 9 am, then bright, and very hot: rocky clouds & thunder SE at 3 & 4 pm. Bright & hot. Evening.	Full moon 3.35 am. Thunder p.m.	.13
422.90		392.528		Mean Temp 65° 7/14.		Rain 1.83	
720 = 7° above Average!							carried over



# June 1866.

June	Baro. meter	Wind.	Thermom. 9 <sup>th</sup> a.m.	Thermom. at 8 p.m.	Weather, &c.	Notes.	Rain 183
F. 29	30.14 -13	NW <sub>2</sub> NW NE E <sub>0</sub>	60 65 76		Cloudy & sultry, clearer after 9, became bright and very hot, with light clouds; Evening quite clear, & orange sun-set.	very hot.	
S. 30	-10 29.90	SW <sub>2</sub> SW SW <sub>1</sub>	59 73 81		Fog early, then bright and excessively hot till 3, Thunder clouds W & W, from that hour severe thunder storm 7 p.m.	extremely hot. severe storm Evening.	27
12 0'27			11.9/57		Mean 2 days 69° -	Rain 2.10	

## Barometer.

Highest on 9<sup>th</sup> - 30.40

Lowest on 17<sup>th</sup> - 29.50

Range - 0.90

Mean of Month 30.07

One Gale on 18<sup>th</sup>.

Prevailing winds SW, and S;

Five days 21. Depth of Rain 2.10 Inches.

## Thermometer.

Highest on 10<sup>th</sup> - 83°

Lowest on 17<sup>th</sup> - 45°

Range - 38

Mean daily range 18.01

Mean of Month 62.58

More than 4½ above Average

# Summary notes on June 1866.

This was a changeable month, but with a large proportion of fine and very hot weather, especially in the second and fourth week, and to the month's end. Fruitful rains intervened with much thunder at intervals. In many places the fall of rain during the month was more than double what it was in these parts. - The temperature was far above the Average, and on many days, especially the 9<sup>th</sup> - 10<sup>th</sup> - 26<sup>th</sup> - 27<sup>th</sup> and 30<sup>th</sup> the heat was very oppressive, - and the nights were mostly unusually warm for so early in summer, hence arose the high mean of the month. -

Great decrease of the Cattle Murrain, and the Public health on the whole satisfactory. Clover and Grass a heavier crop than for several seasons past, and much was well got up near the close of the month. - Beans and Peas looking well, and barley also. - Wheat short and light in many places, but the general crop of wheat, on the whole promising fairly.



# July 1866.

July	Baro. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	notes	Rain
Su. 1.	29.72 -64	SW <sub>2</sub> SW <sub>1</sub> W <sub>1</sub>	58 62 67		Much rain from 1 till 4 a.m. Fine morn'g from 5 to 10; then very showery & much thunder till Evng. Finer night. 58	54 33
M. 2.	-60 -49	SW <sub>2</sub> W <sub>2</sub> SW <sub>1</sub>	52 62 67		Flying clouds & sun, little showers in forenoon. Fine afternoon and mostly bright. Evng. stormy looking sky. 59	04
Tu. 3.	-50 -50	SW <sub>2</sub> SW <sub>4</sub> SW <sub>1</sub>	52 59 66		Cloudy with sun, and cooler breeze, blustering at times; much distant thunder in A. P.M. Fine night. 58	04 1/2
W. 4.	-52 -64	SW <sub>2</sub> SW <sub>3</sub> W <sub>2</sub>	53 59 68		Clouds and sun some showers flying over, with squalls of wind, and bright and warm intervals. Showery at 6	04
Th. 5.	-60 -68	SW <sub>2</sub> SW <sub>3</sub> W <sub>2</sub>	53 61 65		Showery at 2 & 4 a.m. and so all day, with some thunder, and sun at intervals. Heavier storm 5 pm. Finer night. 57	14 26
F. 6.	-71 -82	SW <sub>1</sub> NW <sub>2</sub> E <sub>1</sub> Var. o.	52 58 63		Much cloud till near 11 a.m.; showers with distant thunder and a heavy shower here at 5 pm. from N.W. - and again at 12 pm. 56	20 17
S. 7.	30.00 -18	NW <sub>1</sub> WNW <sub>2</sub> Var. o.	46 58 65		Clear morn'g, fine day with clouds & sun. Calm and pleasant. Evening. Fine night. 59	
41560		366461		Mean Temp 59.07. Rain 1.72		

827 = About 3° below Average. - { carried up

# July 1866.

July	Baro. meter	Wind	Thermom. 9 am	Thermom. at 8 pm	notes	Rain
Su. 8.	30.24 -24	SW <sub>2</sub> SW <sub>2</sub> SW <sub>2</sub>	49 57 64		Cloudy & light rain at times, but rather close, clearer after 4 pm, yet cloudy. Therm. highest at 5 1/2 pm. Cloudy & rather close evening. 63	04
M. 9.	-25 -35	WSW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	58 65 74 1/2		Close & cloudy, clearer after 11 a.m. hot with flying clouds and sun; and a bright & hot Evng, and calm after 6 pm. 69	Fair & hot.
Tu. 10.	-37 -41	W <sub>3</sub> W <sub>3-1</sub> W <sub>1</sub>	62 73 80		Clear & hot breeze since midnight. Very bright and very hot; with cumuli clouds. West wind after 2; bright & very hot. Evng. Clear & hot. 73	Very hot
W. 11.	-45 -45	W <sub>0</sub> Var. 1/2 S E 1 S E 1	58 73 79		Quite clear & calm morn'g. bright & very hot. Day with electric cumuli. - sun red red and clear. Mist on the valleys. 71	very hot.
Th. 12.	-42 -35	SSE 1/2 SSE 1 S E 1/2	56 76 82		Very bright, and excessively hot, with gentle wind. Evng. quite clear, and sun set in fullest lustre. - sultry night. 72	New moon 5.35 a.m. 10 1/2 a.m. 80° 2 pm 82°
F. 13.	-27 -23	S E 1/2 S E 1 SSE 1 S o.	62 79 85		Bright, and excessively hot; gentle wind, & few small electric clouds; Evening hazy, calm & sultry. Distant Thunder W. 77	10 a.m. 82° noon 85° & the same till 4 pm. 6 pm 81°
S. 14.	-29 -31	S o. W 1/2 S 1 S 1/2	63 71 80		Blue haze, & electric clouds very hot & sultry, but chiefly bright after 2 pm, and a bright Evng. - Flazy night & electric. 71	
42463		4085445		Mean Temp 68.035. Rain 1.76		

952.5 = Nearly 5° above the Average. - { can over



# July 1866.

July.	Baro. meter	Wind.	Thermom. 9 <sup>h</sup> am.	Thermom. at 8 pm.	Notes.	Rain.
Su. 15.	30.31 -33	S ½ Var 0. E 2. E 1.	60 76 80		Very bright, and excessively hot, till after 1 pm. then sultry, with clouds & little breeze from the Sea; Clear even & rather cooler.	1.76
M. 16.	-33 -27	NE 2 NE 2 E 2.	57 65 70		Cloudy, with sun, and cooler breeze, more cloudy after 12, & little wet at 8 pm. Clearer in the night.	
Tu. 17.	-25 -21	NE 2 NE 1 NE 1.	55 63 69		Bright, with flying clouds, pleasant and temperate day. Clear & cooler even, very fine night.	
W. 18.	-18 -14	NE 1 N 2. N 2.	51 64 71		Light clouds & sun, with gentle breeze at times, very bright evening, and fine night, red clouds on horizon N.	* 08
Th. 19.	-07 -10	NW 2 NW 3. N 2.	54 65 66		Bright, with grey clouds more cloudy after 10 am, & till 3 pm, afterwards bright, but clouds and breezes in the evening.	moon 1 <sup>st</sup> Dr. 3.44 pm.
F. 20.	-12 -21	WNW 3 NW 3. NW 3. N 1.	54 59 62		Cloudy, little misting, at times, and cooler breeze. Clearer from 4 pm, all the evening. Clear night.	Δ 248 8240
S. 21.	-22 -24	W 1. NW 2. NW 2. NE 1.	48 64 71		Bright, with light clouds, very fine, and a pleasant heat. Evening more clouded & nearly calm.	
422.98 379.489 Mean Temp 62° - Rain car up 1.76						

868 = 1½ below Average. -

# July 1866.

July.	Baro. meter	Wind.	Thermom. 9 <sup>h</sup> am.	Thermom. at 8 pm.	Notes.	Rain.
Su. 22.	30.28 -22	NW 1. NW 2. NE ½.	55 61 67		Cloudy more or less, till 12, Brighter afternoon, light clouds, and cool breeze. Very bright evening, clear sunset, & no cloud.	* 12 * 12 Δ 12
M. 23.	-18 -16	N 3. N 2. N 2.1	51 60 66		Cloudy & breezy morn, clearer after 10, lighter clouds & sun, but continued cool wind. Evening cloudy, less wind.	Hair, but rather cool.
Tu. 24.	-16 -21	NE 2 NE 2. N 2.	55 62 63		Cloudy, & slight misting at 7 & 8 am, chiefly cloudy in the day, little sun, and a cool breeze. Evening the same. Night fine.	
W. 25.	-30 -35	NE 1 NE 1. NE 1.	55 61 64		Close and cloudy, little sun-gleam at times, and gentle wind. Clearer at night, & quite calm.	very fine
Th. 26.	-32 -16	W 1. SW 1. SW 1. SW ½.	50 63 72		Haze & light clouds, & sun. More clouded, again bright, and hot from 11 till 1 pm, then close & sultry; dark clouds & some rain 9 pm.	fine & hot.
F. 27.	-03 29.90	SE ½. SW 1. S 1. S 0.	58 62 67		Heavy blue haze, and some dark clouds: little rain at times; very close, and hazy evening, and night, but fine, and calm.	Full moon 4.13 pm. close day.
S. 28.	-86 -85	SE 1. E 2. E 2.	58 64 67		Hazy & close, brighter afternoon light clouds, and more wind. Calm & hazy evening.	□ 88 very fine.
421.98 382.466 Mean Temp 60.57 - Rain 1.81						

848 = nearly 3° below Average. - carried over -



# July 1866.

July.	Baro. meter	Wind.	Thermom. 9 am	Thermom. at 8 pm.	notes.	Rain (1.81)
Su. 29.	29.67	SE 1.	54		Hard rain from 6 am, till 8 am; then finer, but close & cloudy. Shower at 12, bright at 1 pm, then showering with thunder. Cloudy & blowing evening & night. - 59	.72 .11 .50
M. 30.	29.84	W 3.	52		Cloudy, & breezy morning. Some sun in the day, but much cloud, and cool wind. Distant showers, but fine here. - 57	
Tu. 31.	29.72	WSW 3.	48		Lowering morn'g, wind gusty, then rainy and very cool, till near 2 pm. Finer Evening & night, but very cool. - 54	.22 .04
	29.85	W 2.	58			
		W 3.	62			
		W 4.	67			
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# August 1866.

Aug.	Baro. meter	Wind.	Thermom. Lowest. 9 am	Thermom. Highest. at 8 pm.	Notes.	Rain
W. 1.	29.99	W <sub>1</sub> . W <sub>2</sub> . SW <sub>1</sub> .	47 56 65		Fog early, lowering till 12, little misting at times, fine P.M., bright and warm after 3 pm. Evening hazy, & close and breezy from S.E.	.03
Th. 2.	75	SSE <sub>3</sub> . S <sub>2</sub> . SW <sub>1</sub> . SW <sub>0</sub> .	56 62 68		Lowering, close & misting at times; & fast rain at 11 am: fine & hot sun at 2 to 3, then showery till 4. Evening hazy, and close.	.73
F. 3.	87	W <sub>3</sub> . SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>1</sub> .	57 62 69		Warm breeze, light clouds, & sun; some darker clouds, showers flying over in the afternoon. Calm & hazy evening. — moon last. 2. 7. 16 pm.	.04
S. 4.	85	W <sub>4</sub> . WSW <sub>6</sub> . WSW <sub>6</sub> . W <sub>4</sub> .	52 61 66		Bright, and windy morning, but soon cloudy, and more wind till after 10, brighter afternoon but wind gale, and shower at a distance. — Heavy gale.	
Su. 5.	79	W <sub>4</sub> . W <sub>5</sub> . W <sub>2</sub> .	53 61 65		Blowing with sun, and flying clouds: showers at a distance. Bright, evening, and less wind. Fine & clear night. — gusty winds.	
M. 6.	91	SW <sub>2</sub> . SW <sub>3</sub> . SSW <sub>4</sub> .	50 60 61		Bright, but some clouds, and haze, and more clouds after 8 am: rain from 2 pm at times, and very gale. Even. Finer night. — stormy.	.21
Tu. 7.	62	SW <sub>2</sub> . SW <sub>6</sub> . SW <sub>4</sub> .	56 63 69		Electric mixed clouds, & sun, warm, but windy with heavy gusts P.M. & flying shower at 3. Wind abating during night.	.02
41625		371463		Mean Temp 59° 57'. Rain cov. up .43		

834 = 2½ below Average.

# August 1866.

Aug.	Baro. meter	Wind.	Thermom. Lowest. 9 am	Thermom. Highest. at 8 pm.	Notes.	Rain
W. 8.	29.83	SW <sub>3</sub> . SW <sub>3</sub> . SSW <sub>3</sub> .	52 60 67		Bright, with flying clouds, fine till 3 pm, then a light shower a few minutes. And the evening showery after 8 pm. Bright finer.	.043
Th. 9.	67	SW <sub>3</sub> . W <sub>3</sub> . W <sub>1</sub> .	53 61 68		Bright, with many clouds, and brisk wind. Rocky and electric, with flying shower at 2 pm: afterwards less with and fine night. —	.07
F. 10.	78	W <sub>1</sub> . NW <sub>2</sub> . W <sub>1</sub> .	50 58 66		Hazy & electric, much Thunder in S.E. from 10 to 12; & storm from N.W. at 3, thunder & hail. More in N.E. and S.W. after. — Fine night. — new moon 2. 36 pm. Thunder storm.	.20
S. 11.	30.12	W <sub>2</sub> . NW <sub>1</sub> . W <sub>1</sub> . S E <sub>2</sub> .	48 62 66		Bright, with rocky clouds, & still very electric. Wind veered at 5 pm to S.E. very black clouds all the evening. —	.59
Su. 12.	29.75	SSE <sub>2</sub> . S E <sub>1</sub> . S E <sub>2</sub> .	53 59 66		Overcast, drizzling morning, clearer after 11, rocky clouds, and sun. Pleasant afternoon chiefly sun. — Evening cloudy, upper current from N.W. —	.05
M. 13.	97	E <sub>1</sub> . E <sub>1</sub> . SE <sub>2</sub> .	55 63 69		Hard rain at 12 last night, fine & bright, with rocky clouds, very warm day, close evening, and electric clouds. Fine night. —	.32
Tu. 14.	29.94	SW <sub>2</sub> . SW <sub>1</sub> . WNW <sub>2</sub> .	57 63 64		Electric, cloudy & thick, followed by misting at 10 am, and rain at times more in the afternoon. Some sun at 4: but very cloudy evening.	.04
41868		368467		Mean Temp 59° 64. — Rain 1.15		

835 = nearly 2½ below the Average.



August 1866.

Augt.	Baro- meter	Wind.	Thermom. Lowest	Thermom. Highest	Weather, &c.	at 8 pm	Notes.	Rain.
W. 15.	30.02	W <sub>2</sub> .	54		grey haze, and much cloud, but fine, and a little sun at times. Calm & close evening, & dark clouds in knotty detachments.	59		1.15
	-05	W <sub>2</sub> .	60					
		W <sub>2</sub> .	65					
Th. 16.	29.99	W <sub>1</sub> .	53		grey & white lines of clouds undulating from W. 7.48 am.			
		SW <sub>2</sub> .	58		Rain from 1/2 till 2 1/2 pm.		Thunder	20
		SW <sub>2</sub> .	62		then bright, but great thun- der clouds NW, & at 4 pm		pm.	06
	-75	WNW <sub>2</sub>			showers & hail. Near evening	54		
F. 17.	-76	W <sub>6</sub> .	49		Strong gusts of wind from 2 am. Windy all day, with clouds and sun, and little flying showers. Even 3			04
		W <sub>4</sub> .	58		fine & chiefly clear.	56		
	-93	W <sub>1</sub> .	64					
S. 18.	30.04	W <sub>2</sub> .	49		Bright morning, and con- tinued bright, with cumu- li clouds. Warm & pleasant afternoon. Even bright, and S to SE & SSE.	60	moon 1st Dr 9.16 am. ☐ ☿ ♀	
	-70	W <sub>2</sub> .	61					
		SW <sub>1</sub> .	70					
		SSE <sub>1</sub> .						
Su. 19.	-05	SE <sub>1</sub> .	48		Very bright, and hot, with light clouds, more electric and disappled after 3 pm.		very fine and hot.	
		SE <sub>2</sub> .	66		Hazy and close evening	63		
	29.98	SE <sub>1</sub> .	73		and night.			
Al. 20.	-87	SE <sub>1</sub> .	57		Hazy & electric, cloudy and close, with sun at times, and sultry heat, little rain at 5 1/2 pm. Moon bright at 9. and mist on valleys.	63	Sultry day.	01
		E <sub>1/2</sub> .	64					
	-89	SE <sub>0</sub> .	71 1/2					
Tu. 21.	-90	W <sub>2</sub> .	57		Cloudy & electric haze, chiefly cloudy all day, little sun at times. Low clouds in the evening, and light rain	60		02
		W <sub>2</sub> .	62		drifting from NW.			
	-98	NW <sub>2</sub> .	66					
419	31		36	74	72	Mean Temp 59.928.	Rain —	1.48
			839			—	car'd up.	
								About 2° below the Average.

August 1866.

Aug.	Baro.	Wind	Thermom.	Thermom.	Weather, &c.	notes.	Rain.
	meter		Lowest.	at 9 a.m. Highest.		at 8 p.m.	
W. 22.	30.05	W <sub>1</sub>	58		Foggy morn'g, then cloudy more or less, and but little gleams of sun: and cloudy evening, but clear after 9 p.m.		1.48
	-16	WNW <sub>2</sub> WNW <sub>1</sub>	61	63½			
Th. 23.	-23	W <sub>2</sub>	55		Thin clouds but chiefly cloudy all the morn'g; bright and hot afternoon & nearly a calm.	fine & hot.	
	-20	NE <sub>½</sub> SE <sub>1</sub> SE <sub>1</sub>	59	70½	Sun set between electric dapples of cloud. Clear night.		
F. 24.	-14	SE <sub>0</sub>	53		Grey haze, very red upward but bright. Very hot, with some light clouds. Evening sultry and cloudy, and very close & calm night.	fair, and very hot.	
	-17	SE <sub>1</sub> SE <sub>1</sub>	68	76			
S. 25.	-20	SE <sub>0</sub>	58		Blue fog till 6, afterwards bright and very hot: some thin & dappled clouds at times; sun set in golden lustre under dappled bars of cloud.	very hot & close.	
	-22	SW <sub>1</sub> SW <sub>1</sub> S <sub>0</sub>	71	77			
Su. 26.	-19	SE <sub>1</sub>	57		Very but soon bright, with trains of jagged electric clouds, very hot and sultry day; splendid, sun set, red mottled sky & purged bands of red.	Full moon 3.34 a.m. very hot. Lightning 12 p.m.	
	-17	S <sub>1</sub> S <sub>2</sub>	70	79			
M. 27.	-03	SW <sub>1</sub>	62		Blue haze, & low clouds till after 10 a.m.; then bright, and hot, with rocky cumuli, and a bright evening. — More cloudy & electric after 8.	Δ H H Thunder & lightning in SW. at 14.5 5 a.m.	
	29.95	SW <sub>2</sub> SW <sub>1</sub>	66	74			
Tu. 28.	-86	SW <sub>2</sub>	57		Dark blue haze, soon bright with rocky clouds, showers at a distance. Bright afternoon, but rain from 7 p.m. heavy till 12, & thunder	Thunder & much rain at night.	
	-70	S <sub>2</sub> SE <sub>2</sub> SE <sub>1</sub>	64	70			
42127			400510		Mean Temp 65°	Rain 1.00	2.48
			910		3° above Average.	car. over	



# August 1866.

Aug. meter	Baro	Wind	Thermom <sup>t</sup> Lowest 9 am	Thermom <sup>t</sup> Highest	Weather, &c.	Thermom <sup>t</sup> at 8 pm	Notes	Rain
W. 29.29.54		S 1.	58		Many heavy clouds, lowering and showing at times, chiefly raining all day, but very little wind. Evening finer, but rain in the night.		* 3 8	2.48
		S 1.		61				33
	-47	S 0.		62				11
Th. 30. -63		W 4.	54		Rainy & windy early A.M. but fine day, and bright and drying afternoon.		* 0 7	10
		NW 2.		57	Dark clouds in the evening - rather electric.			
	-91	W 1.		64				
F. 31. -98		SW 0.	53		Bright & lovely morn <sup>g</sup> . continued bright with rocky cumuli, and hot, with very little wind. Sun set red in bands of electric cloud.		* 0 11	
		SW 1.		63				
	30.02	SW 1.		70				
17855			165196		Mean 3 days 60.76.		Total rain 3.02	
			361					

Barometer.  
Highest on 23<sup>d</sup> — 30.23  
Lowest on 29<sup>th</sup> — 29.47  
Range — 0.76  
Mean of Month 29.90

Gales on 3 days,

Prevailing winds S.W. & W; Fine days 16;  
depth of rain 3.02 - Inches.

Thermometer.  
Highest on 26<sup>th</sup> — 79°  
Lowest on 1<sup>st</sup> am — 47°  
Range — 32°  
Mean daily range 14.09  
Mean of Month 60.95  
1.05 below Average.

## Summary Notes on August 1866.

This was a very variable month, and during the first 16 days, frequent rough winds, and a cool state of air, with showers intervening. Yet Harvest proceeded fairly, with trifling interruption, and was almost generally ended with the month. — Some warm and seasonable weather from the 18<sup>th</sup> to 28<sup>th</sup>, followed by much rain on 28<sup>th</sup> night, but the month ended fair.

The Cholera raged in Liverpool, and some portions of London, but abated in London at the month's end. — The public health in other respects was good, and there was a great decrease of the Cattle Murrain. — Pea crops heavy, beans very fair, wheat good but the bulk under average per acre. — Barley variable in yield and quality. Turnips, beet, and carrots good, but the Potatoes much diseased.



# September 1866.

Sept.	Baro- meter	Wind.	Thermom. at 9 am.	Thermom. at 8 pm.	Notes.	Rain.
S. 1.	30.02 -01	SW <sub>2</sub> SW <sub>2</sub> SW <sub>3</sub>	54 60 69		Cloudy but soon bright and very warm, with rocky cumuli & brisk wind. Somewhat more breezy & cloudy at eve. - 62	□ 49
Su. 2.	29.78 -63	S <sub>3</sub> S <sub>4</sub> SW <sub>2</sub>	58 61 64		Cloudy & brisk breeze, but warm, rain from 8 am and more wind; continued raining till 1 1/2 pm, then bright & warm, but cooler even 3 & 4 pm. - 57	moon last 2r 0.9 a.m. lightning 8.9 pm. 22
Mo. 3.	-80 -98	W <sub>4</sub> W <sub>4</sub> W <sub>2</sub>	49 58 63		Blowing morning, but bright, with flying clouds, and the same all day. - showers at a distance. much lightning 8 pm 5.56	lightning in S.E. at 8 pm.
Tu. 4.	-92 -71	SW <sub>1</sub> SE <sub>2</sub> S <sub>2</sub> S <sub>2</sub>	51 56 65		Few clouds, & misting at 7 am, and all forenoon, close & finer afternoon. Raining evening, and sultry air all night. - 63	12 21
W. 5.	-50 -64	S <sub>2</sub> S <sub>4</sub> SW <sub>6</sub> SW <sub>3</sub>	62 65 70		Very close, & some flying rain at times; heavy gales of wind at noon, bright & very warm after 1 pm. Even, clear & warm breeze 62	Δ 89 very stormy but sultry. 12
Th. 6.	-78 -71	SW <sub>2</sub> SW <sub>2</sub> S <sub>5</sub> S <sub>3</sub>	56 64 68		Bright with flying clouds, very warm & pleasant till near 2 pm, afterwards cloudy and drifting showers, & blowing & wet evening. 61	thunder & lightning 9 pm. 13 20
F. 7.	-57 -82	SW <sub>4</sub> SW <sub>3</sub> SW <sub>1/2</sub>	58 61 68		Close, blowing & cloudy with little rain at times till noon. Bright & warm afternoon. Evening hazy & nearly calm. 61	03
416.87		388.467		Mean Temp 61°.07. Rain 1.03		
855		= 3° above Average.		car. up		

# September 1866.

Sept.	Baro- meter	Wind.	Thermom. at 9 am.	Thermom. at 8 pm.	Notes.	Rain.
S. 8.	29.82 -90	E <sub>1</sub> E <sub>1</sub> SE <sub>1/2</sub>	55 61 66		Hog & blue haze, clearer after 10. & very warm till 1 pm, then dark with rain, lightning & thunder, rain continued till 6 pm then night. 57	lightning severe, & thunder near at 2 pm. 64
Su. 9.	-98 -86	SE <sub>1/2</sub> SE <sub>1</sub> SE <sub>2</sub>	53 64 67		Hog till 7, then bright, and hot, with cumuli clouds, little flying rain 1 pm, afterwards bright with electric clouds. Hazy & close night. 59	new moon 2.14 a.m. 02
Mo. 10.	-69 -72	SE <sub>2</sub> S <sub>2</sub> SW <sub>1</sub>	57 62 67		Cloudy, little wet in the morning, flying showers in the day, rocky clouds & hot sun. Evening chiefly clear, but the wind rose during night. 59	* 89 11
Tu. 11.	-79 -63	S <sub>5</sub> SW <sub>6</sub> SW <sub>3</sub> W <sub>2-4</sub>	53 56 64		Overcast, rainy from 7 am, & harder at times till noon, then finer & some sun, but windy. 5 & 6 pm thunder showers. Blowing night. 53	thunder at 5 pm. 36 19
W. 12.	30.02 -00	W <sub>3</sub> W <sub>2</sub> W <sub>1</sub>	52 56 58		Cloudy more or less all day, & much cooler, but finer. Evening rather clearer, but cloudy night, and a little rain after 9 pm. 53	05
Th. 13.	29.87 -92	SW <sub>2</sub> W <sub>2</sub> WSW <sub>1/2</sub> SW <sub>1</sub>	52 59 63		Cloudy with some sun, & a drying breeze, more calm after 4 pm, fine evening and partially cloudy. Overcast from 9 pm. - 58	
F. 14.	-58 -70	SW <sub>2</sub> WSW <sub>5</sub> WSW <sub>3</sub>	55 58 64		Heavy rain at times, early A.M. clearer & finer after 9 am, but very blowing day, flying clouds and sun. Clear evening. 56	46
417.48		377.449		Mean Temp 59°. Rain 2.86		
826		= 1° above Average.		car. over		



# September 1866.

Sept.	Baro- meter	Wind	Thermom. at 9 am	Thermom. at 8 pm	Notes	Rain
S. 15.	29.82	SW <sub>2</sub>	49		Bright morn'g, and continued fine & bright with rocky clouds till 4 pm, then flying showers & thunder in W. & SE. Fine night.	05
	-82	SW <sub>2</sub>	59			
		SW <sub>2</sub>	64			
Su. 16.	-76	S <sub>2</sub>	48		Bright, with rocky clouds and brisk wind, till noon, then a squally shower, and very boisterous & wet from 2 pm. rain very heavy about 5 pm. Fine evening after 6.	57
	-42	SSW <sub>3</sub>	58			
		S <sub>6</sub>	62			
		SE <sub>6</sub>				
M. 17.	-62	W <sub>3</sub>	48		Squally wind & rain 3 am. fine and bright after 6, and chiefly sun all day, with rocky clouds, & wind gone from 3 pm. Clear night.	15
	-93	W <sub>2</sub>	52			
		SW <sub>0</sub>	60			
Tu. 18.	30.18	W <sub>0</sub>	43		Clear & dewy morn'g, continued bright, with small clouds till 1 pm, afterwards blue haze and more clouds. Cloudy & blowing evening.	
	-16	SW <sub>1</sub>	57			
		SW <sub>2</sub>	63			
		S <sub>4</sub>				
W. 19.	-03	SW <sub>2</sub>	56		Close morn'g, bright with many clouds after 9 am but a warmer day & more sun. P.M. - Evening cloudy till 8, then moon bright.	
	-07	SW <sub>3</sub>	62			
		SW <sub>2</sub>	65			
Th. 20.	-10	SW <sub>2</sub>	50		Very red, curdled sky, early; hazy with many clouds, & some sun. Evening hazy and cloudy in part. Blowing night.	
	-02	SW <sub>2</sub>	56			
		SW <sub>2</sub>	61			
		S <sub>2</sub>				
F. 21.	29.69	SW <sub>1</sub>	52		Rain at 3 & 5 am, fine & bright after 7, clouds flying & wind brisk. Hasty shower 4 pm. Evening chiefly clear.	22
	-72	SW <sub>3</sub>	56			
		S <sub>2</sub>	61			
418.34		346.436		Mean Temp 55.89.		Rain 3.92
				782.5 = 2° below Average.		carried over

# September 1866.

Sept.	Baro- meter	Wind	Thermom. at 9 am	Thermom. at 8 pm	Notes	Rain
S. 22.	29.40	S <sub>1</sub>	48		Much rain all the morn'g, & more or less continued till noon, afterwards finer, & a little sun. Evening hazy & nearly calm. Moon dim.	50
	-50	NE <sub>2</sub>	51			
		NW <sub>2</sub>	53			
		SW <sub>1</sub>				
Su. 23.	-56	Var. 0	47		Overcast, little rain early, & at times till noon, finer afternoon, but cloudy more or less. - Clearer Evng, moon bright & mish on Vales.	15
	-60	NE <sub>1</sub>	52			
		NE <sub>1</sub>	56			
		E <sub>2</sub>				
M. 24.	-76	SE <sub>1</sub>	46		Bright, but clouds followed after 8 am, little wet at 11, bright afternoon, with some clouds. Electric clouds in the evening. Moon bright.	02
	-94	S <sub>3</sub>	56			
		SW <sub>3</sub>	61			
		2. 1.				
Tu. 25.	30.15	SW <sub>1</sub>	42		Thick fog till after 7 am, then very bright and warm, but more wind after 1 pm. Evening breezy, but bright moon light.	
	-72	S <sub>3</sub>	56			
		SE <sub>2</sub>	63			
			58			
W. 26.	-11	SE <sub>1</sub>	52		Bright, with thin haze, and grey clouds, more cloudy after 2 pm, & slight misting at times. Close night.	02
	-10	SE <sub>2</sub>	60			
		S <sub>1</sub>	64			
Th. 27.	-08	S <sub>0</sub>	55		Close with thick rain early & till 10 am, then finer, but much low cloud, & little wet at times. Evening clearer. Mist on valleys.	32
	-07	E <sub>2</sub>	56			
		SE <sub>2</sub>	59			
F. 28.	-05	NE <sub>0</sub>	49		Fog till 10 am; then bright and hot, with electric clouds & distant thunder. Evening close & foggy. Clear night.	
	29.97	SE <sub>1</sub>	57			
		SE <sub>2</sub>	66			
418.41		339.423		Mean Temp 54.42.		Rain 4.93
				762 = 3° below Average.		carried over



# September 1866.

Sept.	Barom. eter.	Wind.	Thermom. at 9 a.m.	Thermometer at 8 p.m.	Weather, &c.	Rain notes
S. 29.	30.00	SE 1.	58		Hazy, then bright and hot, with light clouds. Clouded and sultry with distant thun- der after 4 p.m. Calm Eve- ning, & sultry night. 63	$\Delta 78$ *249 Thunder.
	—10	SE 4.		72		
Su. 30.	—13	SE 1/2.	58		Fog early & till 8 a.m., then bright, and very hot all day. — Very clear Evening, and very warm; but red cirri on NW horizon.	very hot.
	—23	SE 1. E 2.	67	73		
	120.46		116/145		Mean 2 days 65.25.	Rain 4.93

## Barometer.

Highest on, 30<sup>th</sup> — 30.23

Lowest on, 22<sup>nd</sup> — 29.40

Range — 0.83

Mean of Month 29.85

Gales on 4 Days. —

## Thermometer.

Highest on 30<sup>th</sup> — 73°

Lowest on 25<sup>th</sup> — 42°

Range — 31

Mean daily range 11° 78

Mean of Month — 58° 10

very slightly above the  
Average. —

Prevailing wind SW, and S. — Fine days 10 only;  
and depth of rain 4.93 Inches!

# Summary notes on September 1866.

This month was remarkably gloomy, rainy, and stormy almost throughout, quite opposed to what it was in previous year. — Gales were frequent and chiefly from S.E. to S.W., as were the rains — more than from any other point.

In the Western Counties, a still greater rain-fall, as also in Lancashire & Yorkshire.

Thunder storms, and severe gales were prevalent all over the kingdom, but the temperature was about the true Average. — The last 3 days were lovely and quite a return of Summer. —

The Cholera and Murrain — on the wane and in other respects, the public Health at a medium on the whole.



October 1866. —

Oct.	Baro. meter	Wind.	Thermom. lowest	9 am	Highest.	Thermom. at 8 pm.	Weather, &c.	Notes.	Rain.
M. 1.	30.24 -21	NE <sub>2</sub> NE <sub>2</sub> NE <sub>1</sub>	52 55 64				Cloudy, afterwards fog till 10 am; then bright and warm, with flying clouds. Fog returned after 8 pm. —	moon last Dr. 6. 9 am. ☐ ☉ ☿ ☐ ☿ ☿	
Tu. 2.	-15 -18	NE <sub>1</sub> NE <sub>2</sub> E <sub>2</sub>	54 60 68				Fog till after 9, then bright and hot till after 4, afterwards cloudy and some fog in the night. —	very fine and hot.	
W. 3.	-21 -22	E <sub>0</sub> E <sub>1</sub> E <sub>1</sub>	57 60 64				Fog thick & lingering but very warm, more or less blue fog all day, no sun till after 4, but clear Eveng. Night foggy.	☐ ☉ ☿	
Th. 4.	-23 -24	NE <sub>1</sub> E <sub>1</sub> E <sub>0</sub>	54 60 63				Great fog till after 10 am, then cleared, & little sun, about noon, afterwards cloudy, but very warm, and a cloudy night.		
F. 5.	-35 -40	N <sub>1</sub> N <sub>1</sub> N <sub>1</sub>	54 56 60				Cloudy more or less all day, but fine, and warm. Evening and night close & cloudy.	☐ ☉ ☿	
S. 6.	-56 -61	N <sub>1</sub> NE <sub>2</sub> NE <sub>2</sub>	55 59 66				Cloudy till after 9, then bright and hot for the season, continued so all day. Eveng rather cloudy.	very fine and hot.	
Su. 7.	-61 -59	NE <sub>1</sub> NE <sub>1</sub> NE <sub>2</sub>	53 57 64				Great fog early, and foggy till noon, afterwards bright, & hot sun. — Eveng cloudy.	very fine & hot. P.M.	
42480			379	449	Mean Temp 59° 14-)			Rain - none	
828 = 7° above Average!									

October 1866.

Oct.	Baro. meter	Wind.	Thermom. Anst.	Thermom. 9 <sup>h</sup> at	Thermometric at 8 p.m.	Weather, &c.	Notes.	Rain.
M. 8.	30.54 -52	NE <sub>2</sub> E <sub>2</sub> E <sub>2</sub>	52 57 65			grey clouds, but bright after 10 a.m. & hot sun, with a drying breeze. - Sun set clear & eclipse well seen. Night cloudy. -	☐☉☿ Solar Eclipse 5.22 pm. new moon 4.58 pm.	0. —
Tu. 9.	-43 -35	E <sub>3</sub> E <sub>2</sub> E <sub>3</sub>	53 57 61			Cloudy with sun, and a drying breeze. More cloudy in the evening, and the night cloudy more or less. -		
W. 10.	-23 -20	ENE <sub>2</sub> E <sub>3</sub> E <sub>2</sub> E <sub>1</sub>	50 56 59			Clouds & sun, with a drying wind, pleasant and seasonable. - Evening & night cloudy. -		
Th. 11.	-20 -19	ENE <sub>2</sub> E <sub>2</sub> E <sub>1</sub>	51 54 58			Cloudy, little light rain at 7 a.m. - fine afterwards all day, but chiefly cloudy, & little sun. - Even <sup>g</sup> and night cloudy but fine. -	☐☿☿ 02	
F. 12.	-17 -15	Var. E <sub>1</sub> E <sub>0</sub>	51 55 56			Cloudy more or less, mild and calm, and very fine. Clear on E & L horizon all day. Even <sup>g</sup> cloudy. -		
S. 13.	-10 -04	E <sub>0</sub> SE <sub>0</sub> SW <sub>0</sub>	48 53 57			Grey clouds, and little gleams of sun, calm & fine; very pleasant day. Calm, & very close evening and night. -		
Su. 14.	-01 -13	SW <sub>0</sub> NE <sub>1</sub> NE <sub>1</sub>	48 51 53			Calm morn <sup>g</sup> & blue haze till noon, cloudy & little rain in the afternoon, but fine after 4 pm. Clear and colder night. -		04
42326			353409	Mean Temp 54° 428.		Rain 0.06		
762			= 2° above Average. { carried over					



October. 1866.

Baro.	Thermom.	Thermom.	Notes	Rain
meter.	Wind.	at 8pm.		
		Weather, &c.		
Oct. 15. 30.23	NW <sub>1</sub> . 36 W <sub>2</sub> . 44 W <sub>1</sub> . 52	Clear, & hoar frost, chiefly bright all day, but some clouds, and a bleak air. Some fog during night.		0.06
Tu. 16. -29	SE <sub>2</sub> . 35 SE <sub>1</sub> . 44 SE <sub>0</sub> . 54	Fog below & hoar frost, clear above: bright day, cool air, but hot sun. Clear night, but fog below.	moon 1st. Dr 9.24pm.	
W. 17. -28	SE <sub>1</sub> . 37 SE <sub>5</sub> . 52 SE <sub>3</sub> . 56	Bright with brisk wind increasing to boisterous from 10 till 2: but less wind afterwards & hazy night.	☐ ☉ 4	
Th. 18. -12	SE <sub>3</sub> . 48 SE <sub>4</sub> . 54 SE <sub>3</sub> . 56	Hazy with sun, but soon more hazy & thick and wind boisterous at times. Blowing evening, but close night, less wind.		
F. 19. -13	SE <sub>2</sub> . 53 SE <sub>1</sub> . 56 SE <sub>1</sub> . 58	Gentle rain at 3 & 4 a.m. finer after rise, but very foggy and close all day. Evening the same.		76
S. 20. -38	SE <sub>0</sub> . 55 SE <sub>1</sub> . 58 SE <sub>2</sub> . 60	Great fog all the morning, and more or less in the day, yet very warm. Evening clearer, fog gone, some rain during night.	Δ H ♀	05
Su. 21. -22	SE <sub>1</sub> . 53 SE <sub>1</sub> . 58 SE <sub>1</sub> . 64	Bright, & very warm, with electric clouds; and little haze at times; moon bright at evening & very mild air.	Hot after noon. Disturb. Thunder.	
423.30	317.400	Mean Temp. 51° 21/4.	Rain - 0.27	
717 = rather below Average				carried up

October 1866.

Oct.	Baro. meter.	Wind.	Thermom. Baromet. 9 am.	Thermometer at 8pm.	Weather, &c.	Notes.	Rain & 0.27
M 22	30.10	SE <sub>1</sub>	53		Close & cloudy, very electric, distant thunder, little sun gleaming at 1pm, but dark and rainy from 2½ to 3, afterwards finer.	Distant Thunder. Squall SW 7pm then cleared up.	0.04
	-06	SE <sub>1</sub>	60				
Tu. 23	-26	S <sub>1</sub>	42		Clear morn'g, & day mostly bright, with electric mixed clouds. Hazy Even'g, some fog, but more bright above it.	5h 8 Distant Thunder p.m.	
	-27	SW <sub>1</sub>	49				
		SW <sub>½</sub>	57				
W. 24	-12	S <sub>1</sub>	48		Hazy but bright, and a fine pleasant day, with some clouds. Straight bars of clouds from radiating to zenith 7pm.	Full moon. 0.12 a.m.	
	-01	SW <sub>2</sub>	53				
		SW <sub>2</sub>	59				
		S <sub>2</sub>					
Th. 25	29.82	SE <sub>2</sub>	49		Dark rocky electric clouds, all the morn'g; fine, calm, and pleasant day with mixed clouds, & but little sun. Fine Even'g & hazy.		
	-78	S <sub>1</sub>	52				
		S <sub>0</sub>	55				
		Var. 0.	49				
F. 26	-99	NE <sub>1</sub>	44		Bright with light clouds, and colder air, and a cold evening with some haze.		
	30.12	NE <sub>1</sub>	49				
		NE <sub>1</sub>	53				
S. 27	-13	NW <sub>1</sub>	41		Grey clouds, & sun, with a cool air, but very little wind. Evening more clouded, and hazy.		
	-14	E <sub>1</sub>	46				
		S <sub>½</sub>	53				
Su. 28	-03	SW <sub>2</sub>	46		Close & cloudy, with rain between 4 & 8 a.m., afterwards fine & bright, with a brisk wind. Clear cold and calm Even'g.		12
	-32	NW <sub>4</sub>	52				
		NW <sub>3</sub>	54				
		1. & 0.					
42115			323391		Mean Temp 51°.	Rain 0.43	
			714		Slightly under Average.	carried over	



# October 1866.

Oct.	Baro. meter	Wind.	Thermom. highest 9 am.	Thermometer at 8 pm.	notes	Rain
M. 29.	30.45 -42	SW <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	37 43 50		Bright, but cold morn'g; chiefly sun till noon, after wards at times cloudy, and more wind, and the same all night.	0.43
Tu. 30.	-04 29.84	SW <sub>5</sub> SW <sub>6</sub> SW <sub>3</sub>	46 53 57		Blowing hard early AM, and very squally day, rain at times, but finer & clearer from 3 pm, evening closer, & very warm, wind less.	moon last Dr 2.45 pm. 04
W. 31.	30.18 -21	W <sub>1</sub> W <sub>1</sub> W <sub>0</sub>	43 47 53		Bright sun. rise, and con- tinued bright all day, and very little wind. Red clouds at sunset. very fine Eve- ning.	* 2.8 Δ 3.8 Δ 0.8 46
181.14		12.6 160		Mean of 3 days. Total rain 0.47		

Barometer.  
Highest on 6<sup>th</sup> & 7<sup>th</sup> 30.61.  
Lowest on 25<sup>th</sup> 29.78  
Range 0.83  
Mean of month 30.20!

Gales on 2 days.

Thermometer.  
Highest on 2<sup>nd</sup> 68°.  
Lowest on 16<sup>th</sup> 35°  
Range 33°  
Mean daily range 10° 03  
Mean of month 53° 33

About 1 <sup>2</sup>/<sub>3</sub>° above Average. —

Prevailing winds E, SE, & NE, on 22 days these three ruled.  
Fine days 25; & Depth of Rain only 47 of an Inch.

# Summary Notes on October 1866.

This was throughout, a dry, mild, and pleasant month, quite a contrast to September, even so, that in spite of the great rains of that month, the land became too dry in this to admit of ploughing for wheat seed! — Such was the effect of the continued fineness of this month, aided also probably by the heat of the subsoil, as imbibed in the great heat of June and part of July to such a degree that all the rain of August and September was soon completely absorbed, and then the dryness of October served to bind the surface, and produced a consummation of solidity in its texture. — The "Cattle Murrain" much abated, but public Health was not good, either in Town or country. — Typhus Fever, prevalent, and Cholera, or Diarrhoea still raging in London, and other large Towns.



November 1866.

Baro.	Thermom.	Thermom.	Notes	Rain
Nov. meter	Wind.	8 <sup>am</sup> & 8 <sup>pm</sup>	Weather, &c.	
Th. 1. 30.12	SW <sub>2</sub>	43	Light. cloudiness, and Little Sun, but mostly cloudy, yet mild, and very fine & pleasant. — Evening calm & close. —	51
	SW <sub>2</sub>	47		
-09	SW <sub>0</sub>	55		
F. 2. 29.95	Var. 0.	49	Close & little fog, soon cleared with sun & loose clouds, very fine, warm, & pleasant, & more bright after 2 pm. Close & cloudy Evening. —	53
	S E <sub>1</sub>	52		
-94	SSW <sub>1</sub>	58		
S. 3. -87	S <sub>2</sub>	50	Close, with clouds & sun, fine & pleasant till 1 pm. then rainy till 3 pm. Much lightning in the evening but a fine night. —	50
	S <sub>2</sub>	55		
-80	SSW <sub>3</sub>	58		
	SSW <sub>3</sub>			
Su. 4. 30.05	SW <sub>1</sub>	41	Bright, but hazy, soon very bright & so continued, a very pleasant cheering day. Evening hazy, & more overcast. Mild night. —	49
	SW <sub>2</sub>	44		
-06	SW <sub>2</sub>	53		
M. 5. -02	SW <sub>3</sub>	48	Mild & partly cloudy, but chiefly sun after 11 am; & till 2, afterwards cloudy very close, evening, & little rain, but fine night. —	55
	SW <sub>3</sub>	52		
29.97	SW <sub>3</sub>	58		
Tu. 6. 30.10	SW <sub>2</sub>	48	Bright all day, and very mild, but windy in the afternoon. Less wind in the evening, but more cloudy at intervals. —	52
	WSW <sub>4</sub>	50		
-14	SW <sub>2</sub>	57		
W. 7. -18	SW <sub>3</sub>	44	Bright, but very windy, continued bright till noon, afterwards some clouds, but again clear in the evening. Fine night. —	48
	SW <sub>6</sub>	49		
-08	SW <sub>4</sub>	56		
420.37		323.396	Mean Temp 51°.357. Rain 2.45 in. 60 h.	22
		719	9° above Average. —	

November 1866.

Nov.	Baro- meter	Wind.	Thermom. 8 Am.	Thermom. Highest.	Weather, &c.	Notes.	Rain.
Th. 8.	30.05	S 3.	48		Cloudy & warm breeze, but sun at times; very blowing day, but mild and fine.	Blowing & warm.	0.22
	29.80	SW 6.	54	57 1/2	Evening also very galy, and heavy storm of rain 7 pm.	(Heavy rain at 7.)	27
F. 9.	-83	W 3.	39		Clear morn'g, followed by clouds & wind till noon,		
		W 4.	40		bright afternoon, and less wind.		
	30.02	NW 1.	50		Even'g in part clear and colder. Frosty at 43		
S. 10.	-27	SE 0.	31		Heavy frost, very bright till 3 pm, then hazy,		
		SE 1.	35		and some clouds in the evening; blowing		
	-20	SE 1.	49		night from 11 pm.		
Su. 11.	29.65	S 6.	42		Heavy gale & rain from 1 am, till 6 am; clearer & less wind		45
		W 6.	52		after 9: - but more at 1 pm.		
	-93	W 3.	55		then much less, and mild & fine. Even'g clear.		46
Mon. 12.	30.04	SW 1.	38		Hazy & red morn'g, fine, & mild day, sun at times.		
		SW 1.	40		Evening overcast and some		
	-04	S 1.	52		rain at times, and squally night, but very warm.		
Tu. 13.	29.67	SW 4.	47		Very warm, galy & wet morn'g; wind shifted to NW at 8 1/2		54
		WNW 2.	57		am, with a heavy rain till 9 am		
	-71	NW 3.	57		afterwards finer, and some sun - P.M. Evening fine		
		W 3.	46		& moon bright.		46
W. 14.	-80	W 3.	40		Bright with black wind,		
		W 4.	42		and small flying clouds,		
	30.06	W 3.	48		and a bright moon-light.		
	41.907				Evening. - Colder night.		39
					Mean temp 46.67.	Rain 1.48	
					653.5 = 4 1/2° above average.	can't over	



# November 1866.

Nov.	Baro. meter	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	Weather, &c.	notes.	Rain 148
Th. 15.	30.19	SW <sub>2</sub>	36		Bright sunrise, then cloudy, and hazy, and cold, followed by rain from 3 pm, and most of the evening & night. Lightly.	moon 1st. Dr 2.7 pm.	13
F. 16.	29.54	SW <sub>4</sub>	42		Cloudy, warm, & some rain at times; harder rain from 11 am, till 1 pm, & at 5 a driving storm, with lightning & thunder, and the night squally.	Thunder storm NW. at 5 pm.	27
S. 17.	30.14	NW <sub>3</sub>	33		Little snow showers at 7 & 8 am; bright day but very cold, and a clear frosty evening.	Snow 4 m.	10
Su. 18.	29.70	SW <sub>2</sub>	32		Overcast, & rainy morn, and much rain till 2 pm, afterwards fine, and some sun. - Collier night and in part clear.	Floods on valleys.	52
M. 19.	-88	NW <sub>3</sub>	30		Bright, with a sharp wind, & frost early, continued bright, but very keen wind, and evening clear & freezing.		30
Tu. 20.	30.13	NW <sub>2</sub>	27		Clear, & freezing hard, bright all day, but very cold, & some stormy clouds distant. Evening cloudy after 7 pm.	* 04	30
W. 21.	-10	W <sub>2</sub>	28		Less frost, and milder as day proceeds; grey clouds and sun. More clouded from 3 pm, and much warmer.		36
41956		2283075		Mean Temp 38°25.		Rain —	2.67
				5355 = 4° below Average		carried up —	

# November 1866.

Nov.	Baro. meter	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	Weather, &c.	notes.	Rain 2.67
Th. 22.	30.21	W <sub>1</sub>	33		Grey clouds, little haze and milder. Slight fog at times, and a very dark afternoon, but fine. Evening cloudy, fine night.	Full moon 10.15 am. Δ 08	
F. 23.	-01	SW <sub>2</sub>	39		Cloudy & mild, more wind and some rain at times from 1 pm, till after 5. Even finer & clearing off. Blowing night.	Squally day.	20
S. 24.	-94	W <sub>3</sub>	33		Clear, & bleak wind, continued bright till 2 pm, afterwards very hazy, & some fog. Evening cloudy and milder, some rain after 8 pm.		42
Su. 25.	-65	SW <sub>2</sub>	39		Cloudy & warm breeze. Stormy with rain & sleet at 9 1/2 am, afterwards fine and sunny till 4, then again stormy.	Stormy. Humbled in the distance all pm.	07
M. 26.	-83	NW <sub>4</sub>	34		Squally and cold, rain at times: but finer after 2 pm, and some sun. Cloudy evening, and less wind.		12
Tu. 27.	29.89	W <sub>4</sub>	39		Windy but milder, became bright at 9, and so continued till sunset. Evening partially cloudy.		40
W. 28.	-30	NW <sub>1</sub>	34		Clear, very bright all day, and the evening clear above, with haze below, & calm.		34
41963		251320		Mean Temp 40°78.		Rain —	3.15
				571 = about 1° below Average.		carried over —	



# November 1866.

Nov.	Baro- meter	Wind.	Thermom. Lowest.	8 am	Thermom. Highest	Weather &c.	Thermom. at 8pm	Notes	Rain
Th. 29.	30.37	W. 0.	30			Frost early, but milder after dawn, bright all day, with a little haze. Hazy and calm Evening. wind rose at 8pm.		moon last. Dr 3.5 a.m.	3.15
		S ½.		38					
	-38	S E 1.			47				
		S E ½.					40		
F. 30.	-26	S E 2.	33			Bright all day, and very keen air, and the Evening clear, and frosty with less wind.			
	-19	S E 1.		36					
		S E ½.			42		30		
	12120		63	89		Mean Temp 2 days 38° -			Rain 3.15

## Barometer.

Highest on 29<sup>th</sup> - 30.38

Lowest on 16<sup>th</sup> - 29.24

Range - 1.14

Mean of Month 29.99

Gales on 5 days.

## Thermometer.

Highest on 2<sup>nd</sup> 3<sup>rd</sup> 4<sup>th</sup> 5<sup>th</sup> 38°

Lowest on 20<sup>th</sup> - 27°

Range - 31

Mean daily do. - 11.03

Mean of Month 43.85

Nearly 2° above Average.

Prevalent currents S.W. and W. - Fine days 19,  
Depth of Rain 3.15 Inches.

# Summary Notes on November 1866.

This was a Month of very many changes, but on the whole very seasonable. Many warm and pleasant days - early in the month, but the middle period stormy, and much rain in short fits, with lightning, thunder, and hard gales of wind. Lancashire and Yorkshire had immense rain and floods in the 3rd week. Some wintery frosts, and keen breezes followed, with some snow in various places, but the close of the month again variable with rain at times, and the end very fine. - The cattle murrain nearly extinct, but Public Health much affected by the usual disorders and diseases of this period of four years. - The annual fall of Meteors on 13<sup>th</sup> proved in this year, far more abundant, and beautiful than any known for a great number of past years! -



# December 1866.

Dec.	Baro. meter	Wind.	Thermom. at 8 am	Thermom. at 8 pm	notes	Rain
S. 1.	29.97	SE <sub>1</sub> E <sub>1</sub> E <sub>2</sub>	30 36 38		cloudy after a frosty night. lofty grey clouds all day and very cold, but fine clouds more dense at 5 & 6 pm. afterwards clear. -	34.8
Su. 2.	-83	NW <sub>1</sub> NW <sub>2</sub> W <sub>1</sub> SW <sub>1</sub>	30 38 38		Frost, very early, change at 3 am, rain & fog from 6 till 8. fine and bright after 12 & till near 7 pm then foggy. -	72
M. 3.	-90	SW <sub>2</sub> SW <sub>5</sub> SW <sub>5</sub>	32.2 43 54		Red East, and lowering, followed by gusts of wind, very dark day, and rain at times, but much warmer. very wet & windy night. -	10 20 warmer than last evening.
Tu. 4.	-81	SW <sub>6</sub> SW <sub>6</sub> SW <sub>4</sub>	49 54 56		Very wet and blowing but very mild & close air. - finer from 10 am, but very windy, chiefly cloudy, and mild all night. -	73
W. 5.	-90	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	50 52 53		Cloudy & very mild, blue haze, and rain at times, very dark, close, and wet. Evening the same, but less wind. - Rain during night. -	25
Th. 6.	30.01	SW <sub>1</sub> SW <sub>2</sub> SSW <sub>4</sub>	47 48 56		Overcast, and very rainy from 10 till 2, afterwards finer, and very mild, but more wind, all night. -	52
F. 7.	-64	SW <sub>5</sub> SW <sub>6</sub> W <sub>7</sub>	47 48 50		Blowing and very mild. Clearer after 12, bright at times, blowing on, and colder; hard gale 6 pm. -	26
41779		2853347		Mean Temp 45° 17. ) Rain 1.32		
		632.5		= 6° above Average. ) carried up		

# December 1866.

Dec.	Baro. meter	Wind.	Thermom. at 8 am	Thermom. at 8 pm	notes	Rain
S. 8.	30.21	W <sub>2</sub> W <sub>2</sub> W <sub>0</sub>	33 34 41		Bright with bleaker air, continued bright all day, and a cold breeze. - Calm Evng. clear & frost. -	30
Su. 9.	-52	S <sub>2</sub> S <sub>5</sub> S <sub>4</sub>	25 32 51		Sharp frost early, but a change at 5 am, cloudy, and wind rising all day, and the evening squally, with rain at times, & warmer. -	07
M. 10.	-01	W <sub>3</sub> W <sub>3</sub> NW <sub>1</sub>	42 45 48		Bright with some light clouds, very fine & drying day. - Cloudy from 4 pm. all the Evng. but fine. -	42
Tu. 11.	-36	W <sub>1</sub> W <sub>1</sub> NW <sub>0</sub>	32 32 39		Little frost, & fog below, but clearer upward. More haze from 1 pm; red streaked sky at sunset, & more or less haze in the evening. -	35
W. 12.	29.87	S <sub>3</sub> SW <sub>3</sub> W <sub>4</sub> SW <sub>5</sub>	34 44 52		Overcast & much rain from 5 till 10 am, afterwards fine, and the afternoon mild and chiefly bright. Squally evng, rain at times. -	42 05
Th. 13.	-69	WSW <sub>3</sub> WSW <sub>4</sub> W <sub>3</sub> W <sub>3</sub>	44 52 55		Very mild with sun at times, very black thunder clouds at 8 & 10, 2 to 3 pm. Driving shower at 4. Finer Evng and night. -	10
F. 14.	-50	SW <sub>2</sub> SW <sub>3</sub> SW <sub>2</sub>	37 40 45		Much cloud till 10 am, afterwards chiefly bright till 2 pm, again cloudy, and stormy looking sky. -	42
42023		247331		Mean Temp 41° 28. ) Rain 1.96		
		578		= 24° above Average. ) carried over		



# December 1866.

Decr.	Barometer	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	notes.	Rain.
S. 15.	29.66	W <sub>1</sub> S E <sub>2</sub> S E <sub>3</sub> S W <sub>5</sub>	35 37 47		Hazy & very red East, very dark & thick from 11 am, clearing afternoon but finer after 5, and blowing evening & night.	moon 1st Dr 4.43 am. 22
Su. 16.	-70 -78	W <sub>4</sub> W <sub>4</sub> SW <sub>4</sub> 2. 1. 4.	40 41 46		Squally wind, but became clear & bright after 9 am, and continued so all day. Evening more hazy.	
Al. 17.	30.22	SW <sub>1</sub> S <sub>2</sub> S <sub>3</sub> SW <sub>2</sub>	32 32 50		Splendid sky - red bars across East & green sky between them. Hazy till noon, overcast pm, and little wet. Mild and foggy evening.	02
Tu. 18.	-37 -35	SW <sub>1</sub> SW <sub>2</sub> SW <sub>3</sub>	44 46 51		Very cloudy, and mild, dark and damp day. more winds after 5 pm, but very mild still.	very mild. 50
W. 19.	-22 -40	SW <sub>4</sub> W <sub>3</sub> SW <sub>1</sub>	43 50 50		Cloudy, very mild, but clear after 10, very bright, & colder, and evening nearly calm.	38
Th. 20.	-56 -52	SW <sub>1</sub> SW <sub>0</sub> S <sub>0</sub>	29 30 39		Clear & frost, A.M. - very fine, and bright day, keen air. Evening clear above, fog below, and more frost.	30
F. 21.	-39 -37	S <sub>1</sub> SW <sub>1</sub> SW <sub>0</sub>	29 31 37		Very white frost, and fog, continued foggy all the day. Cleared at sunset, evening bright moon, & frost.	Full moon 8.34 pm 31
42227 252320 Mean Temp 40° 857. Rain - 2.20						

572 = About 2° above Average.

# December 1866.

Decr.	Barometer	Wind.	Thermom. at 8 am.	Thermom. at 8 pm.	notes.	Rain.
S. 22.	30.48	S E <sub>1</sub> S <sub>0</sub> Var. o. Var. o.	28 38 41		Keen frost during past night, changed to thaw and very thick fog - after 3 am. continued dripping fog all day. Milder night.	very foggy. 41
Su. 23.	-45 -44	W <sub>0</sub> SW <sub>1</sub> SW <sub>2</sub> 8 1.	39 42 43		Cloudy & milder, little fog at times, & little more wind P.M. more foggy again from 4 pm, and during the night.	Foggy & mild. 39
Al. 24.	-43 -39	W <sub>1</sub> S <sub>1</sub> S <sub>2</sub>	39 42 44		Foggy and mild; chiefly cloudy all day, but less fog. The evening nearly the same, but more wind.	fine and mild. 40
Tu. 25.	-32 -25	S E <sub>1</sub> S <sub>2</sub> S <sub>3</sub>	37 37 45		Cloudy, little fog, clearer after 10 am, & till 1 pm, then cloudy and dark. more wind and little rain after 4 pm. Milder evening.	03
W. 26.	-13 29.99	S <sub>3</sub> SW <sub>2</sub> SW <sub>6</sub>	40 45 48		Rain at 5 & 6 A.M., finer & foggy afterwards, but became bright about noon, some clouds again in the evening. Gale & rain night.	398 10 rain at 10 pm. Heavy gale all night. 18
Th. 27.	-71 -90	W <sub>6</sub> W <sub>4</sub> W <sub>5</sub>	40 41 46		Gale morn; bright and windy day, and bleak air. Cloudy evening, and blowing hard, with rain at 8 & 9 pm.	Blowing day. 44
F. 28.	-94 -94	W <sub>3</sub> W <sub>5</sub> W <sub>6</sub>	43 47 50		Squally wind, flying seeds and sun at times. Cloudy, and blowing evening, but warm, & little rain.	moon last Dr 7.23 pm. 80 H 02
42286 266317 Mean Temp 41° 64. Rain - 2.58						

583 = Nearly 3° above Average.



# December 1866.

Dec.	Baro. meter	Wind.	Thermom. 8 <sup>th</sup> am.	Thermometer at 8 pm.	Weather, &c.	notes.	Rain 2.58
S. 29.	29.87	SW <sub>3</sub> SW <sub>4</sub> SW <sub>6</sub> 3.	43 44 50		Very mild, with grey clouds and sun, - a drying breeze all day, and rough at times. Evening cloudy, and very brisk wind. Stormy rain 9 pm.	gales & rain in the night.	06
Su. 30.	47 -34	W <sub>3</sub> W <sub>4</sub> SW <sub>4</sub>	34 34 42		Clear at sunrise, and very bright day, with colder wind. Evening more cloudy, with squally wind. Clearer night, and less wind. -		
M. 31.	-37 -41	W <sub>1</sub> W <sub>1</sub> W <sub>2</sub>	28 28 37		Hard frost - bright all day with distant snow-clouds. Calm even, and sharper frost. Great snow soon after midnight.		
177.07			105.129		Mean Temp 3 days 39°. Rain.		2.64.

## Barometer.

Highest on 20<sup>th</sup> = 30.56

Lowest on 30<sup>th</sup> = 29.34

Range = 1.22

Mean of month = 30.00

Gales on 6 days. -

## Thermometer.

Highest on 4<sup>th</sup> & 6<sup>th</sup> = 56°

Lowest on the 9<sup>th</sup> = 25°

Range = 31°

Mean daily range 9.3

Mean of Month = 41°.92.

Nearly 3° above Average. -

Prevailing winds S.W. and W., very few else;

Fine days 17; Depth of Rain 2.64 Inches. -

# Summary Notes on December 1866.

This was a very changeable, and stormy month, with but little wintery weather, but mostly mild, so as to produce a high mean of temperature. Remarkable fluctuations of both Barometer and Thermometer, and a considerable Rain-fall. - Much thunder in Suffolk on the 13<sup>th</sup>, and in Berkshire on 25<sup>th</sup>. - Much sickness prevalent in Town, and country, and great mortality in most places. The Cattle Murrain very nearly extinct. -

Heavy gales were frequent and chiefly from some southerly point, with numerous disasters at Sea: but the month ended with a change introducing a very severe frost, more so than any in these parts for six years past, and with a great fall of snow during the night of the 31<sup>st</sup>. This was a very great and sudden change, and the first really wintery scene for this season in these parts. -



# General Results, 1866.

1866	Winds.								Gales	Fine days	Rain in dept.	Mean Bar.	Mean Temp.	Mean daily range	Thermom. Min	Thermom. Max.
	E	W	N	S	NE	SE	NW	SW								
Jan	0	8	0	3	1	2½	2	14½	7	14	2.80	29.92	41°	9.37	18°	53°
Feb.	0	4½	1½	3	3	1½	4½	10	6	10	4.70	29.74	40°	10.55	25°	57°
Mar	0½	5	2	3½	6½	4½	4½	4½	2	18	1.47	29.79	41.1	12.54	22°	61°
Apr	7	4½	0½	0	7½	4½	0	6	0	17	1.77	30.03	49.33	16.46	32°	78°
May	8	4	1	0	3	6	5	4	1	21	1.86	30.10	51.28	19.06	32°	71°
June	3	4	0	7	2½	4	1½	8	1	21	2.10	30.07	62.58	18.01	45°	83°
July	2	4	2	2	4	3	6	8	0	22	3.40	30.06	61.86	14.75	46°	85°
Aug.	1	8	0	3	0	5	3	10	3	16	3.02	29.90	60.95	14.09	47°	79°
Sep.	1	3	0	6	2	6½	0	11½	4	10	4.93	29.85	58.10	11.78	42°	73°
Oct.	8	2	1	1	6	8	1	4	2	25	0.47	30.22	53.33	10.43	35°	68°
Nov.	0	8	0	2	0	3	6	11	5	19	3.15	29.99	43.85	11.03	27°	58°
Dec.	1	8	0	4½	0	1	1½	15	6	17	2.64	30.00	41.92	9.30	25°	56°
1866	31½	63	8	35	35½	49½	35	106½	37	210	32.31	29.97	50.44	13.08	18°	85°

The Coldest in 1866, early AM - Jan 13<sup>th</sup>  
Thermometer 18°.

The hottest on July 13<sup>th</sup> Thermometer 85°.

Highest Barometer Jan 25<sup>th</sup> - 30.67.

Lowest ditto - Feb 11<sup>th</sup> - 28.77.

Fine days 210, Depth of Rain 32.31 Inches.

# Conclusive Report of the Year 1866.

This year was most notable for its great storminess, the number of severe gales for the year being double the ordinary amount 15 days of them in the first 3 months, and 20 during the last 5 months!

The Rain-fall was large, and most in February and September. - Great heat in June, and middle of July, and many awful thunder storms from May to December, both inclusive!

It was rather an unkindly year in corn, and Orchard fruits, and on the whole a very singular and peculiar year.

Atlanta Whistcraft



