

Journal
for the Years
1871 & 1872.

THW
14

January 1871.



Day.	Baro. meter	Wind.	Thermom.			Weather, &c.	Notes.	Rain.
			Min.	8 am.	Max.			
Su. 1.	30.17 -06	S E ₂ S E ₀ S E ₀	14	27	30	Severe frost early, but abating after 1 am, cloudy & more wind. Afternoon bright and calm, and very severe evening; night cloudy.	Δ ♀ ♂	
M. 2.	29.98 -97	S E ₀ S E ₁ SW ₁	14	25	29	Cloudy & continued sharp frost. Very thick all day, and the evening less severe. Fine night, and very cloudy.		
Tu. 3.	30.07 -15	S E ₁ S E ₁ S E ₁	22	26	33	Cloudy and more moderate frost, little melting P.M., & inclined to thaw. Fine and calm night, but cloudy.		
W. 4.	-17 -20	S E ₀ N ₀ NE ₁	27½	29	35	Cloudy, calm, & less frost, continued cloudy but very fine. Rather clearer in the night, and frost continued.		
Th. 5.	-07 29.82	S ₃ S ₂ SW ₅	24	25	36½	Freezing hard, with keen wind S. Rain, snow, and sleet by turns all day. Blowing evening & thawing and wind to WNW. 8 pm.		.15
F. 6.	30.13 29.99	NW ₂ W ₂ SW ₁ 2 & 3.	31	31	38	Clear morn'g, some frost and dangerous walking on the surface, thawing through the day, & bright sun. Became hazy after 3, and rain at times evening.	Full moon 9.24 pm - & Eclipse. Thaw all night.	.05
S. 7.	-80 -71	SW ₂ SW ₃ W ₁	35	40	43	Bright morn'g, snow nearly gone, hazy & continued thaw, rain at 2 pm, but a fine and clearer evening and night frosty.		.06
42.02.9			1675	2445	45	Mean Temp 29° 46. Rain 2.6		
			412			= 5½° below Average.		

January 1871.

Jan'y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 0.26
Su. 8.	29.62 -61	SW, SW, W.	29 33 36	Bright morn'g, became hazy & cloudy at noon, and some rain & snow in the afternoon. Finer light and frost.	☐ ♂ ♀ ♂ ♀ ☐	.03
M. 9.	-52 -68	SE, E, NE.	27½ 30 36	Hard frost, and bright all day. The evening also clear and sharper frost. Wind to NW after 5 pm. —		
Tu. 10.	-81 -60	SE, SW, SW.	23 27 33	Clear and sharp frost, bright till noon; afternoon hazy & cloudy, the same all evening and night, and less frost. —		
W. 11.	-80 -98	NW, NW, NW.	28 33 34½	Hazy & cloudy, gentler frost. Much blue haze all day, little gleams of sun. Fog & frost during night. —	Δ ♂ ♂	
Th. 12.	30.12 -22	NW, NW, NW.	26 31 33	Fog & rime till 10 am, then bright, with very keen wind, and constant hard frost, and sharper in the night.		
F. 13.	-20 -79	SW, SW, SSW.	22 25 35	Very hard frost, & cloudy with little sun. More overcast in the PM: and slightly thawing during the night, and foggy after 12 pm. —		
S. 14.	-02 29.94	SW, SW, SSW.	32½ 37 41	Very foggy, and thick all the morning, clearer PM, and at times bright, and gentle thaw. More wind in the night & cloudy.	moon last 2 6.57 am. ♂ ♀ ♀	
418.31			188.249	Mean Temp 31° 21.) Rain 0.29		
437			= 3¾ below Average.			

January 1871.

Jan'y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.29
Su. 15.	29.70 -52	SSE S 5. S 5.6	32½ 34 36	Blowing, and cloudy a hazy and mottled sky. Bright from 10 till 1, after- wards overcast, little rain & snow at 5 pm. Stormy night.	☉ ☉ H	
M. 16.	-07 -07	SE S 2. SW 5. & 2.	32 40 43	Heavy gale till 10 am, very dark and overcast, with rain at times. Severe thun- der storms & hail, with sharp lightning pm. then fine evening and night.	Δ ♀ ♂ Sharp thun- der storms.	.12 .20
Tu. 17.	-11 -13	S SW 2. SW 3.	33 37 41	Stormy sky, with some flying showers of rain, & bright intervals, some sleet with the showers, - & the Evening showery.		.13 .05
W. 18.	-20 -28	SW SW S 1.	34 38 42	Cloudy, but soon clearer, chiefly bright, with a gen- tle wind. Cloudy evening little rain, and heavy rain at 9 & 10 pm.		.27
Th. 19.	-40 -52	W NW NW	32 35 39	Cloudy, & calm morning, very foggy in the middle of the day. Cold dark, and unpleasant throughout.		
F. 20.	-70 -74	NE NE NE	28 33 33½	Great fog, and frost in the morning, and very foggy and cold all the day. - Fine night and rime frost.	☉ ☉ H	
S. 21.	-85 -84	E SE SE	29 34 35½	Cloudy & rime-frost, very cloudy all the day, but thawing after 10 am. Evening & night chiefly cloudy. - Slight rain.	new moon 0.32 am.	.03
412.73			2205.270	Mean Temp 35° 03.)) Rain 0.09		
490.5 = About the Averages.						

January 1871.

Jan.	Baro. meter	Wind.	Thermom. min. 8 am. max.	Weather, &c.	notes.	Rain. 1.09
Su. 22.	29.70	SE ₂	32		Very cloudy, damp, and gloomy morn'g, but the day less cloudy, & some sun, milder & very fine. Cloudy even'g, little rain dur'g night.	.05
	-74	SE ₂	36			
M. 23.	-88	NE ₂	34½		Overcast and cold wind. dark and rainy after-noon. Squally even'g, and night, with rain & snow at times.	.20
	-93	NE ₃	37			
		NE ₂	38			
Tu. 24.	30.12	NE ₃	33		Overcast, snow & rain at intervals: very coarse day, dark, and frequent snow. Freezing in the night, cloudy & keen wind.	.04
	-19	NE ₃	35			
		NE ₄	35			
W. 25.	-14	NE ₃	29		Hard frost, clouds and sun, with sharp wind, & little snow at times. Clear even'g, and sharpest frost all the night.	Δ 74
	-10	NE ₂	29			
		NE ₁	34			
Th. 26.	-03	NW ₁	23		Clear & sharp frost in the morn'g, frequent snow during the day, sun at times, & keen air. Even'g & night continued frost.	
	-12	N ₂	27			
		N ₂	33			
F. 27.	-24	NW ₁	24		Cloudy, & continued frost, some sun at intervals, & slight scatterings of snow. Night chiefly fine but cloudy.	Δ 03
	-27	N ₁	30			
		N ₁	33			
S. 28.	-24	N ₁	28		Continued frost & cloudy. moon 1 st gr. very cloudy all day, & 1.14 p.m. little snow, and the evening and night similar.	
	-19	N ₁	31			
		N ₁	34			
42089			2035	249	Mean temp 32°.28.) Rain c ^d up 1.38	
			452		= 3° below Average.	

January 1871.

Jan.	Baro. meter	Wind.	Thermom. min. 8 am. max.	Weather, &c.	Notes.	Rain. 1.38
Su. 29.	30.24	NE ₁	31		Cloudy, less frost, continued very cloudy, damp and calm all day.	
	-21	NE ₁	33		The evening nearly the same. - Frost in the night.	
		NE ₁	35			
M. 30.	-17	NE ₂	25½		Snow early A.M. Hard frost, all day, cloudy, and a little snow at times.	
	-22	NE ₁	27		Fine night, cloudy, and calm, less frost.	
		E ₁	31			
Tu. 31.	-33	E ₁	29		Cloudy morn'g, but the afternoon bright till 2, then some clouds. - Cloudy & blowing even'g.	
	-30	E ₂	32			
		E ₃	35			
18147			855	101	Mean these 3 days 31°.08.) Total rain 1.38.	

Barometer.

Highest on 31st — 30.33

Lowest on 16th — 29.07

Range — 1.26

Mean of Month — 29.88

Gales on 2 days. —

Thermometer.

Highest on 7th & 16th — 43°

Lowest on 1st & 2nd — 14°

Range — 29

Mean daily range — 8.01

Mean of Month — 31.9!

3° 1' — below Average!

Prevailing wind SW; NE; and SE. Fine days 22. —

Rain-fall 1.38 Inch only.

This was a real wintery Month throughout, and the lowest mean temperature for many years past. In many parts of England it was more severe than with us, and the falls of snow were greater, and more frequent than in these parts. — The Public health was affected, but not so far as usual in such severe seasons; — But among the very old, considerable Mortality; — as also among infants. —

February 1871.

Feb. y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
W. 1.	30.13 -10	NE 1. E 1. SE 2. & 1.	30 30 36	Cloudy, gentle frost, continued cloudy, and slight thaw P.M. Foggy evening and night, and became quite calm.		
Th. 2.	-07 -03	NW 1. N 1. N 1.	34 35 38	Great fog and continued nearly the same all day. Less in the evening but cloudy and close, and no frost.	Aconite & snowdrops appear.	
F. 3.	29.92 -84	SE 4. SE 3. SE 2.	34 37 41	Cloudy and brisk wind followed by rain at 1 pm, and very rainy evening and night.		30
S. 4.	-84 -83	SE 1. SE 2. SE 1.	38 42 46	Foggy, all the morning clearer after 10, mild, and some sun, but a very heavy evening, and mild night.		
Su. 5.	-80 -57	S 2. SW 3. SW 5.	40 40 50	Rain early A.M. Mild day, brisk wind, clouds, and sun. Lowering, & windy evening, with rain and a galy night.	Full moon 2.2 pm. $\Delta \odot 4$	05 11
M. 6.	-73 30.77	W 7. WNW 6. W 4. W 2.	43 47 48	Heavy gales all the morning & rain at times. Blowing day, & cloudy, but mild with less wind after 3 pm. cloudy evening, & night.		12
Tu 7.	-28 -12	SE 2. SE 3. SE 5.	37 39 46	Cloudy, with a colder breeze, and rain from 3 pm. Blowing and wet evening, and heavy rain till near 12 pm.		70
41 9 43				256 305	Mean Temp 40.07.	Rain cal. up 1.28
				561	3° above Average.	

February 1871.

Feb. y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 1.28
W. 8.	30.02 29.90	SW 1. SW 3. SW 2.	37 44 51	Much rain in night, past, till midnight. Fine & mild morning, and the day mild, and little sun at times in the afternoon. Rather squally during the night.	8 & 8 H. Floods in the valley.	
Th. 9.	-87 30.02	W 5. NW 5. NW 1.	38 40 46	Fusty wind and some rain at 3 am; fine day, with bright sun, and rocky clouds. Less wind after 2 pm. Evening nearly calm.	clouds electric.	04
F. 10.	29.64 -42	SE 4. SE 6. E 4.	33 38 39	Blowing and wet morning, & much rain & snow continued most of the day; fine after 4 pm, and blowing evening with frost.	* 9 H. Great floods.	1.12
S. 11.	30.14 -10	NE 2. E 2. SE 2.	22 23 30	Severe frost, and chiefly bright, sharp wind, and some clouds. The frost continued most of the night as severe.		
Su. 12.	29.92 -78	S 4. S 4. S 4. 3.2 & 1.	22 31 36	Cloudy, less frost since day break, very windy and cold. Rain after 2 pm. & gentle thaw. Squally evening, but finer, and very foggy all night.	moon last. Or 3 pm.	13
M. 13.	-88 30.13	SW 1. SW 2. W 2.	34 37 45	Great fog, and very gloomy morning, clearer after 11, and sun at times bright. Severe evening, and night and little frosty.		
Tu. 14.	-18 -20	SW 0. SW 2. SW 1.	30 34 49	Bright, calm, and frosty morning, and the day mostly bright & cheering, with but few clouds. Calm & cloudy night.		
41 9 20				2165 2965	Mean Temp 36.64.	Rain cal. over 2.57
				513	Nearly 1/2 below Average.	

February 1871.

Feb'y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	notes.	Rain. 2.57
W. 15.	30.19	SW. 36	41	Calm, mild & cloudy morning, and very cloudy most of the day. Evening the same, and continued mild.		
Th. 16.	-24	SW. 38	42	Foggy and cloudy, very gloomy and damp all day, but fine, and nearly calm. The night the same.		
F. 17.	-23	SW. 38	42	Clouds and sun, with a brisk wind. Mild, bright, and pleasant afternoon. Less wind in the evening, and very fine.		
S. 18.	-25	SW. 40	45	Grey clouds, and warm breeze, with sun at times, and very fine and mild evening, with rather less wind.	□ ♀ 4	
Su. 19.	-17	SW. 41	45	Mild & cloudy morning, new moon afternoon partly bright. 1.49 pm. with blue haze, and very mild. Red bands of cloud at 0 set. Fine night.		
M. 20.	-77	SW. 44	46	Bright & blowing morning, some clouds after 9 am, and at 3 pm, a short shower, afterwards fine and windy.	Δ ♂ ♂ □ ♂ ♀	.05
Tu. 21.	-97	W. 37 1/2	40	Bright with some rocky clouds, pleasant till noon, afterwards more cloudy. Evening chiefly clear, & nearly calm.		
422.06				2745345	Mean Temp 44° 25'. Rain out up 2.62	
				619.5	= 7 1/4° above Average.	

February 1871.

Feb'y.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 2.62
W. 22.	30.42	SW. 30 1/2	32	Bright & frosty morning, but soon became hazy, and cloudy at times, with some sun. Cloudy & lowering evening. but the night fine.		
Th. 23.	-39	W. 39	45	Flying clouds, and sun, very drying breeze, fine & mild day. Red mottled sky at sunset. but a fine night.	Δ ♀ H	
F. 24.	-42	SW. 36 1/2	40	Clear morning, till 8, then clouds and sun, with drying wind, but chiefly mild, & fine. Cloudy evening, and wind very brisk as before.		
S. 25.	-35	SW. 41	43	Hazy with some clouds, but at times bright, with a drying breeze. Clear evening, and very little wind.		
Su. 26.	-22	SE. 32	41	Cloudy more or less till noon; afterwards bright at times with stormy looking clouds. Evening clear and a mild night.	* O H	
M. 27.	29.84	S. 42	50	Cloudy, warm & blustering morning; short shower Sat. noon, bright afternoon, & strong wind, but very warm. Very mild night, and the wind abating.	moon 1 st Dr 10.38 a.m. Δ ♀ 4	.04
Tu. 28.	-83	SW. 47	50	Warm & close morning, light rain at times. Colder afternoon, cloudy and wind veered to Northward, and then N.E. Cold & cloudy evening.		.12
423.05				2683575	Mean Temp 44° 67'. Rain Total 2.78	
				625.5	= 7° 67' - above Average.	

Conclusive Notes for February 1871.

Barometer.		Thermometer.	
Highest on 22 nd & 24 th	30.42	Highest on 27 th	57°
Lowest on 10 th	29.42	Lowest on 11 th	22°
Range	1.00	Range	35
Mean of month	30.06	Mean daily range	10.3
		Mean of month	41° 22
Gales on 4 days.		44° above Average.	

This was on the whole a mild month, & latter part fine. Winds chiefly the S.W. & S.E., fine days 17; and the Rain-fall was 2.78 inches.

March 1871.

March.	Bara. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
W. 1.	30.57 -55	E 3. ESE 4. SE 2.	31 35 42	Clear, and sharp wind, continued bright, and a very cold breeze. Red hands of cloud in W.S.W. at 3 o'clk. Clear and frosty night.		
Th. 2.	-48 -42	SE 1. SE 2. SE 1.	28 35 51	Clear, frost early, very bright, all day, and much warmer, very brilliant sunset, & a clear evening, and night with frost.		
F. 3.	-38 -21	SE 1. SE 1. SE 1.	28½ 35 57	Clear & frosty morn'g, continued very bright, warm & lovely afternoon. Bright moon all evening, but fog during night.		
S. 4.	-18 -08	S 1. SSE 2. SSE 2.	35 40 59½	Fog till 8; then bright and very warm all day, clear golden sunset, and a fine night, with a brisk breeze, and warm night.	3 ♀♂ Peacock butterfly appeared.	
Su. 5.	-13 -07	SW 2. SW 3. S 1.	43 46 55	Bright with flying clouds at times, and a warm breeze. very electric looking skies. Beautifully coloured & streaked sky at sunset.		
30307		16552645		Mean Temp 43°)) Rain none.		
430		1° above Average.				

March 1871.

March.	Bara. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
M. 6.	29.84 -74	SE 4. SSE 5. S 3.	44 48 56	Bright. morn'g, electric sky dappled lines of small white clouds, and a boisterous wind, but warm, cloudy evening and a close & hazy night.		
Tu. 7.	-82 -96	S 2. SW 3. SW 2.	42 46 51½	Cloudy & close morn'g, lowering with light showers in the pm. but chiefly fine, and a serene evening, and night, but windy after 12.	Full moon 3.39 am.	03
W. 8.	-80 30.14	SW 4. WSW 5. WSW 3.	38 46 52½	Squally with sudden showers in the morn'g. fine and bright after 9, but very windy morn'g of the day. little frost during night.	☐ ☉ 4 ☐ ♀ ½	12
Th. 9.	-36 29.83	SW 2. SW 5. W 6.	32 38 48	Little frost early, & red sky at rise. Hazy and cloudy from 10 am. Wind gusty, and rain from 3 pm till 6, fine night, but very blowing till 10 pm.	Gales & rain.	25
F. 10.	30.12 -22	SW 3. WSW 4. WSW 1.	37 42 57	Chiefly bright, with brisk wind, and flying clouds, little hail pm, and looking stormy in the distance. Serene & pleasant from 3 pm.		
S. 11.	-02 -02	SW 4. SW 2. SW 2.	35½ 46 57	Squally wind, cloudy & little rain in the morn'g, but from 9 very fine & warm, with clouds & sun. Close evening, and night, and chiefly cloudy.		05
Su. 12.	29.98 -78	S 3. SSW 2. S 3. S 2.	45 48 55½	Cloudy and close, but from 2 pm, bright and warm brisk wind, and flying clouds. Evening & night warm, and breezy, with electric clouds.		
M. 13.	-75 -90	SW 3. SW 5. WSW 2.	45 47 53	Windy with clouds & sun till near 2 pm, then some driving storms of rain, & distant thunder. Fine & sunny from 3½ pm.	moon, last, Dr. 10.19 pm. ☐ ☉ ☐ * ♀ ½	73
47928		31854245		Mean Temp 46.43.)) Rain ev. over 58		
743		4.43		above Average.		

March 1871.

March	Baro. meter	Wind.	Thermom. Min. 8 am. Max.	Weather, &c.	Notes.	Rain. 0.58
Tu. 14.	29.92 -88	S ₁ SW ₂ SW ₁ W ₄	35 41 52	Partially bright, but very hazy, & some clouds. Clearer after 3 pm, and a drying air all day. - but a stormy evening. -		22
W. 15.	-90 -92	W ₁ NW ₂ NW ₃ 8/1.	29 33 43½	Clear frosty AM, chiefly bright in the day, but a cold wind, and some distant sleet showers. - Cloudy evening, less wind.	* ♀ 4	
Th. 16.	-51 -96	SE ₄ E ₂ NE ₃ 2 5/1.	32½ 35 43	Heavy snow from 5 am, till after 8. Then fine and at times bright. Fine evening, and less wind. Clear & frosty night.	Snow AM.	⊙
F. 17.	30.25 -31	NW ₁ W ₂ W ₁	30½ 36 45	Clear, frosty morning, and very bright till after 10 am, then rather cloudy at times. Very thick & hazy PM. Fine night. -		
S. 18.	-33 -35	W ₁ WNW ₁ NW ₁ NW½	36 42 57	Hazy morning, clearer after 8, chiefly bright, and pleasant through the day with some clouds at times. Fine evening and night.	□ ♀ 4	
Su. 19.	-30 -25	W ₁ SW ₁ S ₁ SE ₁	37½ 43 58	Fog till 7, then bright, warm, and pleasant, with some light clouds. Fine & serene evening, and night. -	□ ♀ H	
M. 20.	-15 -12	S ₁ S ₁ S ₁	38 44 59	Hazy morning, bright and warm day, nearly calm, and very pleasant. Brilliant sunset, and clear evening. -	♂ ♂ ♂ Δ ♀ H	
421.15		238.3 357.5		Mean Temp 42° 57' Rain 2.49 - 80		
		596		1/2 day above Average. -		

March 1871.

March	Baro. meter	Wind.	Thermom. Min. 8 am. Max.	Weather, &c.	Notes.	Rain. 80
Tu. 21.	30.15 -73	S ₂ S ₂ SW ₁	35 40 53	Great fog in the morning, till after 9, then bright with a light haze. Greater haze from 4 pm, through which the sun shone red & defined.	new moon 4.0 am. Equinox	
W. 22.	-19 -12	SE ₁ E ₂ E ₁	30 36 56	Frost early, bright and warm day, with a gentle wind. Evening also brilliant, and a pure golden sunset. -		
Th. 23.	-12 -10	SE ₁ ESE ₂ ESE ₁	35 45 63	Very bright, and in the afternoon hot for the season, gentle wind, and no clouds. Evening bright, and pure golden set as before.	♂ ♀ ♂ Very bright, and warm weather, these past days from 23 to 26.	
F. 24.	-01 29.95	SE ₁ SE ₂ SE ₁	39 49 64	Very bright, and very warm, splendid day, and very little wind. Evening clear, but a paler sky, & sun set clear but with less colour than previous.		
S. 25.	-98 30.00	S ₁ S ₂ SW ₂ 8/1.	35 45 66	Very bright and hot for the season, a few small electric clouds, & light haze pm. Evening clear, and brilliant sunset. - Clear night. -		
Su. 26.	-07 -10	E ₀ SE ₂ SE ₁	37 47 66½	Very bright all day, and hot for the season, with a gentle wind. Very brilliant. Evening, and sunset in full lustre & deep orange tint.		
M. 27.	-15 -24	NE ₃ N ₄ NNE ₄	37 43 51	Foggy with change of wind and a colder breeze. Cloudy till noon, then clearer and chiefly bright, but a bleak wind. Evening cloudy. -	great change.	
421.31		248.4 195		Mean Temp 47° 67' Rain. cald over 80		
		667.5		5½° above Average.		

March 1871.

March.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.80
Tu. 28.	30.43	NE ₂ NE ₃ NE ₂	31 40 44½	Clouds and sun, with a keen wind, slight fall of sheet a short time, but chiefly fine. Cloudy evening, & part of night.		
W. 29.	-46 -31	NW ₂ NW ₄ NW ₂	32½ 40 47	Cloudy more or less, very little sun at times, and a rough and cold wind. Rain at times after 3pm. Finer evening, and night.	Moon 1 st 2 nd 7.44 am. ☐ ☿ ☿	.02
Th. 30.	-35 -31	NW ₁ NW ₂ Var. 1.	32½ 42 49	Cloudy, with little gleams of sun at times. Evening closer, and very cloudy. Fine night but cloudy.	☐ ☉ ☿	
F. 31.	-15 29.96	W ₂ WSW ₄ W ₅ 3. 2.	39 43 53½	Cloudy, and blue haze, till after 9, then clearer, sun at times, but wind gusty in the pm. and some rain at even 3. & part of night.		.05
242.47		135 194		Mean last 4 days 41° 12.5. Total Rain .87		

Barometer

Highest on the 1st — 30.57
 Lowest on the 16th — 29.51
 Range — 1.06
 Mean of month — 30.11.
 Gale on 1 day, the 16th.

Thermometer

Highest on the 26th — 66½
 Lowest on the 2nd — 28
 Range — 38½
 Mean daily range 17.66.
 Mean of month 44° 6.
 2° 6 above Average.

Prevailing winds the SW, & SE. Fine days 23,
 Rain-fall .87 of an Inch only.

This was a very fine month, and with but little exception, very mild throughout; and the warmest March for the last 12 years! Vegetation went on fast, and public health on a medium. Sharp thunder-storms in Lancashire on 25th and at Nottingham on 26th broke up the very warm period for a time.

APRIL * 1871.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
S. 1.	29.98 30.01	NW ₃ NW ₃ NW ₁	37 41 47	Cloudy, with little sun, cold and brisk wind. Less wind after 3, and became clearer. — Fine night.		
Su. 2.	-03 29.87	W ₂ W ₂ WSW ₁	33 43 54	Hazy but partially bright. More clouded after 10 am, little shower at 3pm. Very cloudy evening closer night and near by a calm.	△ ♀ ☿	.02
M. 3.	-83 30.01	W ₁ W ₁ NE ₂ 8. 1.	41 46 51	Close & hazy, & trifling rain at intervals, with little sun. Cloudy & colder after 2pm, and wind to NE. — Evening & night cloudy also.	* ☿ 4	.05
Tu. 4.	-16 -13	NW ₂ NW ₂ W ₃ 2 & 4.	33 43 51	Cloudy with sun, and a very cool breeze, but fine and became clearer after 5pm. Mild night & wind softer.	☐ ☿ ☿	
W. 5.	-08 -10	W ₂ W ₃ W ₁	39 47 52	Bright morn, but soon cloudy at times, and more overcast in the afternoon. but clearer evening, and much less wind, & cleared to E. at 8pm.	Full moon 2. 23 pm.	
Th. 6.	-25 -31	NE ₁ E ₂ ESE ₂ E ₂	37 44 52½	Hazy & cloudy, but became bright, with a keen breeze, and some small clouds. Clear and bleak evening, and frosty night.		
F. 7. Good Friday.	-30 -27	NE ₁ E ₂ ESE ₂ E ₁	24½ 43 53	Keen frost early, bright sun, and keen air all day, and the evening the same. Night clear and frosty.	* ☿ ☿	
421.33		244.5 360.5		Mean Temp 43° 21. Rain cal' over .07		
		60.5		3¼° below Average.		

APRIL * 1871.

April.	Baro. meter	Wind	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 07
S. 8.	30.19	E 1.	27½		Foggy morning, continued bright, with light streaks of cloud, & keen air. The evening also bright, but some dusky clouds on horizon.	
	-22	E 2.	46			
		E 1.	56			
Su. 9.	-10	NE 1.	24		Keen frost early, bright with some clouds, and bleak air all day. Evening partly hazy, & many streaky clouds. Fine night & less cold.	
Easter Day	-05	NE 2.	43			
		NE 1.	54½			
M. 10.	-08	ENE 1.	33		Clouds and sun, slight fall of rain & hail, afterwards bright with cumuli clouds, and a fine evening, with less wind.	03
	-15	E 2.	45			
		E 1.	55			
Tu. 11.	-17	SE 2.	28½		Frost early, bright morning and partially so afterwards, but hazy, with a fresh breeze. Cloudy evening, little rain from 7 pm, & during the night.	12
	-12	SE 2.	46			
		SE 2.	54			
W. 12.	29.92	S 3.	44		Close & showery early A.M. moon, last and cloudy till after 10, then bright, and very warm, with brisk wind, & small cumuli. Bright evening, & light wind. lightning 8 pm &.	18
	30.03	SW 3.	57			
		SW 4.	65			
		WSW 2.				
Th. 13.	-08	SW 3.	47		Bright morning, brisk wind, but warm. Fine & warm day, and mostly sun, with light clouds. Evening chiefly bright, and less wind. Small electric clouds.	
	-10	WSW 3.	57			
		WSW 1.	65			
F. 14.	-12	SE 2.	44		Fog early, and till after 9 am, afterwards cloudy, and very cool breeze. Clearer after 1 pm, & part of the night.	
	29.92	SE 2.	48			
		SE 2.	49			
421.25		2483983		Mean Temp 46.17. - Rain came up 40		
		646.5		About Average.		

APRIL * 1871.

April.	Baro. meter	Wind	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 0.40
S. 15.	29.50	SSE 1.	42		Rain from 6 am, till near 10 am, then finer & some sun, but the afternoon squally & wet. Much rain and wind (very wet) from 2 pm till after 6, then fine.	82
	-45	S 2.	50			
		SW 5.	55½			
		W 5.2				
Su. 16.	-47	SW 3.	44		Little rain 4 a.m., bright with flying clouds & warm breeze, till 10, then very showery, and squally, with sun between. Very wet evening & night.	23
	-56	SW 4.	55			
		SW 2.	60			
M. 17.	-50	SW 1.	46		Rain continued more or less all the morning, till near 10, afterwards heavy showers in sudden fits, with severe thunder, and lightning 2 pm. Great rains at times till late at night.	1.47
	-74	W 2.	50			
		W 1.	59			
Tu. 18.	-80	SE 1.	43		Fog till 9, cloudy more or less all the day, gentle rain after 2 pm, and very gloomy & wet. The rest of the day, - and most of the night.	27
	-62	SE 2.	50			
		SE 2.	54			
W. 19.	-42	S 3.	48		Close, cloudy, & dripping morning, finer with some sun in the afternoon, warm but still stormy looking. Evening, and night chiefly clear and fine.	23
	-33	S 3.	56			
		SSW 2.	59			
		SW 2.				
Th. 20.	-41	SW 2.	40		Bright morning, but soon became cloudy, and squally, with drifting showers; the evening fine, but cloudy, and much less wind.	10
	-51	SW 3.	49			
		SW 2.	56			
F. 21.	-59	NW 2.	40		Cloudy morning, some light rain; finer after 8 am, but very cloudy till after 3 pm; then clearer. Hazy and calm evening.	07
	-84	W 2.	47			
		W ½	52			
413.74		3033955		Mean Temp 49.89. - Rain & over 3.59		
		698.5		34° above Average.		

APRIL * 1871.

April.	Baro. inches	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	notes.	Rain inches
S. 22.	29.88 -74	SW ₁ SW ₁ WSW ₂	42 54 57½	Very hazy, close and cloudy, followed by rain after 11 am & till 3 pm, then bright all the evening, and a fine and mild night.		3.59 20
Su. 23.	-70 -81	SW ₂ W ₃ W ₂	44 55 57½	Clouds and sun, followed by frequent showers, and very heavy at 1. & 2 pm; afterwards finer, but chiefly cloudy.	* ☽ ☿	33
M. 24.	30.00 -08	NW ₁ NW ₁ NW ₁	42 49 52½	Hazy & cloudy, more or less so continued all day, and a very cool air. The Evening nearly the same, but the wind veering to SW.		
Tu. 25.	-13 -19	E ₁ E ₂ E ₂	39 52 58	Bright morn'g, & heavy dew, very fine day, with light clouds, and sun. Evening hazy and cloudy, but a fine night.		
W. 26.	-11 29.99	SE ₁ S ₂ SW ₁	43 56 64	Hazy & mottled sky; bright and very warm from 9 till 12, some electric clouds in the P.M., and sun between, and very warm & close suns.		
Th. 27.	-87 -88	W ₂ W ₂ W ₁	48 55 61½	Gentle rain early A.M. - moon 1 st Dr Fine & warm forenoon, but 11. 48 pm. heavy thunder showers at 2 and 3 pm, - and in W & S, at 4½ pm; and again severe there at 8 pm. - Night fine.	(much Thunder.)	12 30
F. 28.	-92 -95	W ₂ SW ₂ SW ₁	44 56 62	Rocky electric clouds & sun, warm & growing morning, showery afternoon, and chiefly more cloudy, with distant thunder. Rainy night.		14 20
419.25			302 413	Mean Temp 51° 07' Rain 5.21		
			715	5° above Average.		

APRIL 1871.

April.	Baro. inches	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	notes.	Rain inches
S. 29.	29.69 -62	S ₁ SW ₁ NW ₂	49 55 61	Very rainy till 5 am, and frequent showers in the day, with little sun at times. Fine Even'g, and night, but cloudy.		16 17
Su. 30.	-88 -95	W ₂ W ₂ W ₁	43½ 53 57	Slightly cloudy morn'g, & chiefly cloudy till after 1 pm, then bright and a drying air. Evens also bright, with electric clouds.	Δ ☉ ☿	
119.14			92.5 118	Mean of 2 days 52.5. - Total rain 5.21		

Barometer.
Highest on the 6th - 30.31.
Lowest on - 19th - 29.33.
Range = 0.98
Mean of Month 29.91.
Gale on one day.

Thermometer.
Highest on the 12th & 13th - 65°
Lowest on the 9th - 24°
Range = 41°
Mean daily range 16° 55'.
Mean of Month = 47° 92'.
1½° above Average.

Prevailing winds West, and South-West;
Fine days 13; Depth of Rain 5.21 Inches!

This was a variable month; to the 14th day, then very wet. To the 29th, with severe thunder-storms on 17th and 27th; but the temperature a little above the Average, so that vegetation was not backward. Public Health in different, especially in the large Towns; and the verdure of the grass and young corn was such, as the great rains, and the moderate warmth might be expected to produce; but fears arose at the end of the month that ultimately the corn would be injured.

MAY * 1871.

May.	Baro. inches	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
M. 1.	30.06 -22	W ₃ WNW ₂ NW ₁ 80.	40 50 54	Bright with flying clouds, and short showers with some hail. The evening bright, fine, and more serene. - Sun set red & clear; mist on the vales. -		.04
Tu. 2.	-22 -19	SE ₂ S ₁ S ₁	35 56 60	Heavy dew, & clear morning fine & warm till after 11 am, then cloudy, hazy & light rain at times. Evening finer but very heavy; - yet a fine night. -		.06
W. 3.	-11 29.92	SE ₃ SSE ₄ S ₂	41 55 63	Bright morn'g, till 7, then hazy at times, partially bright, and warm, with a drying wind. Cloudy evng, and at 9 pm. squall & rain. -		.14
Th. 4.	-92 30.01	W ₅ W ₅₋₆ W ₃	37 50 53	Blowing morn'g, flying clouds & sun. - Continued boisterous, 11 pm. more or less all day, with much cloud, & but little sun. Wind abated at eve.	Full moon	
F. 5.	-17 -22	WNW ₂ NW ₁ SE ₂	38 53 61	Grey clouds and sun, very fine, and the afternoon brighter, warm and pleasant. Wind to SE only during evng: fine night. -	☐ ♀ ♂	
S. 6.	-30 -39	Var. 0. NW ₁ NE ₂ E ₂	46 61 68	Light clouds & sun, chiefly bright till 1 pm, & very warm: afterwards more cloudy from NE for a while, but a clear evng, & night. -		
Su. 7.	-47 -50	E ₁ E ₂ E ₁	39 57 63	Bright & dewy morn'g, continued bright, with a cool breeze: and brilliant evng, with less wind. -		
422.70			276 422	Mean Temp 49°.85. Rain cal. up .24.		

698 — 2 1/4° below Average.

MAY * 1871.

May.	Baro. inches	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 0.24
M. 8.	30.35 -25	W ₁ NW ₁ NE ₂ N ₂	38 60 67 1/2	Clear & heavy dew. Very fine & warm day, but some electric light clouds at times. Cloudy evng, and cool wind. -	Thunder in SE. at 4 1/2 pm.	
Tu. 9.	-22 -27	NW ₃ NW ₃ NW ₁	41 49 53	Coarse rocky clouds, and sun, flying showers at times, but finer in the afternoon. - Bright evening & wind goes. -		.05
W. 10.	-30 -29	N ₂ NE ₁ N ₂	42 52 53 1/2	Clouds & sun, but most by very cloudy, and cool breeze. - A little rain a short time in the evng, none measurable. -	Δ ☉ ♂	
Th. 11.	-25 -13	N ₂ Var. 0. W ₁ S ₂	41 50 60	Cloudy and cool, but between last & came clearer & warmer after 11 am, bright afternoon, and evng, wind more to S, after 6 pm. - clear & cold evng. -	2.23 pm.	
F. 12.	-12 -14	N ₁ N ₂ N ₁	35 1/2 52 58	Hazy & cloudy after sunrise, till 8 am, then bright, at times, but a cool air; more cloudy after 2 pm, and all the evng. -	♂ ♀ 4 Hawthorn partially in flower.	
S. 13.	-12 -12	N ₂ N ₁ N ₁	40 49 53	Cloudy with sun. More clouded and gloomy from 8 1/2 am: very cool for the season. Cloudy night, but fine. -		
Su. 14.	29.99 -93	NE ₁ NE ₂ NE ₁	42 54 55	Cloudy, with little sun, and a cool breeze. Nearly the same all the day. Evening and night fine & partly cloudy. -	* ☉ ☿	
422.48			279 5400	Mean Temp 48°.53. Rain cal. over .29		

679.5 — 3 1/2° below Average.

MAY * 1871.

Mo.	May.	Baro- meter	Wind.	Thermom. Min. 9 am. Max.	Weather &c.	Notes.	Rain 0.29
M.	M. 15.	29.96 30.00	NE. NE. ENE.	40 50 58	Clouds and sun, the afternoon chiefly bright, with some small elastic cumuli. - Clear and cold night. -		
Tu.	Tu. 16.	-01 29.96	SW. W. W.	34 54 63	Calm, clear & cold early AM. Fine & warm, with sun & electric clouds, till 2, slight shower at 3 pm. Cloudy evening w. to NE.	* 8 H	.02
W.	W. 17.	30.09 -04	N. NW. NW. W.	38 49 56	Cloudy morn'g, bright. Hawthorn in the day, with some small cumuli, and a keen air. Very bright evening, but a cloudy night.	fully in flower.	
Th.	Th. 18.	29.91 30.13	W. NW. NW. Var.	42 54 57	Cloudy & breezy morn'g, the day chiefly fair, and some sun, but much cloud. Less wind in the P.M. Heavy evening & night.		
F.	F. 19.	-23 -31	W. W. W.	41 58 65	Slight rain 5 am, fine warm & pleasant day from after 7 am, grey clouds & sun. Slight rain at 2 1/2 pm. Evening close.	new moon 10.45 am. Thunder in South 8 pm.	.01 .01
S.	S. 20.	-32 -30	W. W. W.	46 57 65	Grey clouds and sun fine, and warm, but very breezy, and at times more generally cloudy. Slight rain at 6 pm. Fine night.	Δ 8 3	
Sa.	Sa. 21.	-43 -43	E. SE. SE.	46 62 70	Very bright, warm, and lovely morn'g; bright & hot day, few small clouds, and gentle wind. The evening also clear.	Lovely day.	
		42212	287434		Mean Temp 51.5. Rain condensed - 33.		
		721		2° below Average. -			

MAY * 1871.

May.	Baro- meter	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 0.33.
M. 22.	30.39 -31	SE ¹ . SE ² . ESE ² .	38½ 62 67	Clear morn'g, and heavy dew, very bright and warm day, with a fresh breeze. Clear evening, and night, light breeze and but little dew.	8 & 9 H (very parching.)	
Tu. 23.	-21 -16	ESE ² . ESE ³ . ESE ² .	45 65 70	Very bright, and much warmer morn'g; continued very bright & hot, and a very clear evening, fine & pleasant.		
W. 24.	-11 -04	SE ² . SE ² . SE ¹ .	46 67 74	Very bright, and hot, with a light breeze. Splendid summer day and evening. Salty breeze all the night.	10 am 71. 11 am 73. 1 pm 74. 7 pm 68.	
Th. 25.	-02 29.97	SE ² . SE ³ . W ² .	52½ 68 75	Bright with a hot breeze, but some cirri clouds & less heat comparatively after 9 am. A short time very hot - pm, and thunder shower at 9 pm.	2 pm 74. 3 pm 75. 7 pm 69	.25
F. 26.	30.03 -07	SW ¹ . SW ³ . W ¹ .	56 62 66	Close morn'g, & showery at 3 am, then fine, and a bright and pleasant afternoon, and evening. Fine night.		.10
S. 27.	-11 -14	W ¹ . Var. 1. NE ² .	45 61 64	Fine morn'g, & some sun, but from 11 am. heavy storm, sharp thunder and lightning till near 4 pm, passing from NE to SW. Fine night.	moon 1 st hr 1.2 pm. (severe thunder storms)	.70
Su. 28. Whitsun.	-22 -27	NE ² . NE ² . NE ¹ .	49 54 70	Cloudy till after 10 am, then bright & warm, & more so from 1 pm. Clear evening, and less wind.		
42205		332486		Mean Temp 58.42. Rain c ^d over 1.38		
818				= 5° above Average.		

MAY * 1871.

May.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
M. 29.	30.35	NE ₂ NE ₂ NE ₂	47 57 63	Cloudy morn'g, but after 8 am, became clearer, and chiefly bright, with a cool breeze. — Evening clear & twilight strong.		1.38
Tu. 30.	-31	NW ₁ SW ₁ SW ₁ SE ₂	43 62 74	Fog early, then bright, and the afternoon very hot, and some electric clouds. — Evening cloudy, and wind to SE from 4 pm. Cloudy night.	* ♂ H	
W. 31.	-25	N ₂ N ₃ Var.	53 60 64	Clouds & sun, much bright-er, after 10 am, but a cooler breeze again returned. Fine night, and chiefly clear.	* ♀ ♀	
	181.78		143 201	Mean Temp 3 days 57.33. Rain 1.38.		

Barometer.

Highest on the 7th 30.50.

Lowest on the 18th 29.91

Range — 0.59

Mean of Month 30.18.

Gale one day only. —

Prevalent winds SE, NE, & NW, but much divided. —

Fine days 22. Rain-fall 1.38 — Inch. —

Thermometer.

Highest on the 25th 75°

Lowest on 16th 34°

Range — 41°

Mean daily range 20° 56.

Mean of Month — 53.07

About the Average. —

This was a very dry month to the 25th day, and to the 18th, below the Average temperature, after which it was so far above as to bring the mean precisely up to its Average for May; and with the genial showers from the 25th the crops and vegetation generally began to look well, but the public health in very large towns suffered.

JUNE * 1871.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th. 1.	30.17	SW ₁ NW ₂ NE ₂ N ₃	46 59 62	Cloudy, with sun at times, but more clouded after 11 am, & wind veered again to Northward. Very cool & gloomy pm. Clearer night.		
F. 2.	-22	NW ₃ N ₄ N ₄ 3, & 2.	40½ 54 57	Clouds & sun, and a very cold wind for the season, at times boisterous, and a flying shower or two. Night fine but unsettled.		.02
S. 3.	-26	N ₃ N ₃ N ₂	43 52 56	Clouds, and sun, but mostly cloudy, and cold breeze. Two flying showers - pm. Evening & night less wind, & finer.	Full moon 6.27 am.	.02
Su. 4.	-12	NE ₁ NE ₂ NE ₂	40 52 57½	Cloudy, slight rain at 7 & 8 am, the day fine, with sun & clouds, and a cold wind for the season. Less wind during night.	♂ ♀ H	.01
M. 5.	-23	N ₂ NE ₃ NE ₂	41 59 63	Clear morn'g, & the day mostly bright with a cool breeze. Evening more hazy and some electric lines of cloud.		
Tu. 6.	-18	NW ₂ NW ₅ NNW ₃	41 57 61	Cloudy with sun, and heavy gusts of wind at times; the evening cloudy and rather blustering. Cloudy night & slight rain.	* ♀ ♂	
W. 7.	-01	NW ₄ NW ₄ NW ₃	45 48 50	Slight rain at 4 am. a very cloudy, cold, and gloomy day, and some rain at eve, and during the night.		.02
	29.98					.09
	422.31		29654065	Mean Temp 50.21. Rain 2.09 over 16		
			703	8½ below Average. —		

JUNE * 1871.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 0.16
Th. 8.	29.97 -96	NW ₃ NW ₃ NW ₂	45 49 51	little rain early, cloudy with a very cool breeze all day, and inclined to rain at times. Hard rain at 9 pm, then finer night.		.01 .07
F. 9.	-94 30.05	NW ₂ NNE ₂ NNE ₁	46 52 60	Cloudy more or less, but a little sun at times after 12. Cloudy evening, and night, less wind, and warmer air, very fine.	* & H	
S. 10.	-07 -10	NE ₁ E ₁ NE ₁	49 57 67	Cloudy till 9 am, afterwards bright and warm, with some electric rocky clouds. - Very bright evening, but some rocky towering clouds in South.	moon last Dr 0.37 am.	
Su. 11.	-12 -13	E ₁ NE ₂ E ₂	50 59 61	Close & cloudy morning, and continued chiefly cloudy with little gleams of sun, but after 4, became bright all evening. Cloudy after 8.		
M. 12.	-15 -17	NE ₁ NE ₁ NE ₀	45 57 70	Cloudy morning, but after 10, bright with a few light clouds, and a hot afternoon. Evening bright and pleasant. - Fine night.		
Tu. 13.	-15 -10	SE ₁ SE ₂ SE ₁	47 55 72	Fog till 8 am, cloudy till 10, then bright and hot most of the day, but more hazy & cloudy after 2 pm. Little rain - evening. Close night.	Δ & ♂	
W. 14.	-08 -72	SE ₁ SE ₂ SE ₁ S ₁	53 65 71	Very close morning, low clouds & slight misting at 9 & 10 am, then fine & hot, with sun at times. Cloudy and close evening. Distant thunder	Thunder	
421.71			345 452	Mean Temp 56°.92 Rain evap up .24		

797 — 2° below Averages. —

JUNE * 1871.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 0.24
Th. 15.	30.05 29.92	SE ₂ SE ₁ ESE ₂ SE ₂	59 76 81	Sultry & electric, mottled clouds & sun; from 9 am, bright, and very hot the rest of the day, but some electric clouds at times. Severe thunder storms in the night, sharper after 12.	(11 am 81° 6 1/2 pm 73° Thunder all night)	.35
F. 16.	-95 -97	SE ₁ S ₁ SE ₁	61 67 75	Severe lightning thunder, & rain till 1. am. Close & foggy morning cleared off after 10, very hot, with cumuli & sun. More hazy from 3 pm, and a close night.		.15 .20
S. 17.	-84 -68	SE ₀ S ₀ S ₂	60 64 67	Rain at 5 am - foggy till 8, then sultry & cloudy, with rain at times, and rather heavy at 4 1/2 pm. Fine evening, but rain again after midnight.		.40 .20
Su. 18.	-69 -72	SW ₃ SW ₂ SSE ₂	55 62 68	Heavy rain at times from 2 am, till 5 am. Bright & warm from 7 to 1 pm, then heavy showers till near 2. - afterwards fine and sun at times.	new moon 2. 29 am.	
M. 19.	-72 -72	SW ₂ SW ₁ SW ₁	53 65 70	Heavy rocky clouds & sun, hot in mid-day, Thunder showers at a distance, South, pm, but fine here. - The evening, and night fine, but stormy clouds.	Thunder PM. most to the S.	.40
Tu. 20.	-71 -78	W ₁ W ₁ E ₁ Var ₁	54 68 71	Bright, with rocky clouds and a blue electric haze till noon, then continual thunder storms West, N, & E. - all PM, and severe here at 4, & much rain. Evening finer.	Severe Thunder storms.	
W. 21.	-87 30.03	NW ₂ NW ₂ N ₁	53 57 62	Cloudy more or less, and but little sun, with a cooler breeze. - The evening chiefly clearer, and gentle wind.		
417.65			395 494	Mean Temp 63°.5. - Rain evap over 1.94		

889 — 4 1/2° above Average. —

JUNE * 1871.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 1.94
Th. 22.	30.07 -06	Var. o. SE 1/2 NE 1. E 1.	48 52 59	Very rainy morn'g till 8 cloudy more or less all day and very cool; rain again from 8 pm, most of the night.		30 17
F. 23.	29.98 30.03	E 2. E 2. E 1.	48 52 53	Heavy rain till 8 am, then finer till after 10, but cloudy and a cool and gloomy af- ternoon, rain at times. Finer night & clearer.		53 22
S. 24.	-13 -19	NE 2. NE 3. NE 3.	46 62 64	Bright and fine, with brisk wind, and many cumuli clouds. Even- ing cloudy & again very cool wind. Night clearer.	8 24 h	
Su. 25.	-22 -25	NW 3. NW 3. NNW 2.	42 57 59	Bright with loose cumuli clouds, and a cool wind. 1st Dr the evening the same as the day, and cold for the sea- son, beyond usual.	moon 1st Dr 10.44 pm.	
M. 26.	-31 -33	NW 2. NW 2. N 1.	44 58 62	Bright morning, with some clouds, flying shower at 10, afterwards fine, with sun, and clouds. The evening chiefly clear.	□ ○ ♂	02
Tu. 27.	-20 -11	WNW 1. WNW 1. SE 1/2 SE 1/2.	40 59 69	Very clear & dewy morning, bright and warm day with some electric cumuli. Bright evening, and wind to the S.E. but electric in A.	* ♀ ♀	
W. 28.	29.90 -75	SE 2. SSW 2. W 4. WSW 2.	46 60 67	Cloudy & rain at times till after 9 am: then finer & at times bright, but some flying showers & wind gusty in the pm. Warm & fine evening and less wind.	8 0 h distant thunder in S.	20 04
42153		314433		Mean Temp 53° 35. Rain 3.42		
747		5 1/2 below the		Average.) carried up.		

JUNE * 1871.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 3.42
Th. 29.	29.95 -95	WSW 2. SSW 1. S 2. S 1.	55 68 73	Warm & bright morn'g, chiefly bright all day, hazy and hot with curdled electric clouds. Evening very warm & bright. Fine night & but little dew.		
F. 30.	-90 -97	SSE 2. S 2. SW 1. & o.	52 67 71	Warm, bright, and pleasant with electric clouds; heavy shower at 1.30 pm, thunder at a distance. Evening bright, warm, and pleasant.	5 0 4 □ ♂ h Thunder.	13
119.77		107.144		Mean last 2 days 62° 75. Total rain 3.55		

Barometer.

Highest on 26th — 30.33.

Lowest on 17th — 29.68

Range — 0.65

Mean of Month — 30.03

1 Gale on the 6th day.

Thermometer.

Highest on the 15th — 81°

Lowest on 4th & 27th am — 40°

Range — 41°

Mean daily range — 16.06.

Mean of Month — 56.45

About 3° below Average.

Prevailing currents NE, NW, and SE.

Fine days 17; — Rainfall 3.55 Inches.

This was a cold month for the season, the most so for 41 years past, excepting in 1869, which at this place was rather below the mean of this month. The rain-fall now was also much in excess, and yet a great prevalence of Northerly wind. Till the 15th & 16th were very hot days. — The Midsummer storms set in rather before the usual time, and the worst of them arose from Northward, and then produced more cold currents till the 26th: — but the month closed warm.

JULY * 1871.

July.	Baro. meter	Wind.	Thermometer		Weather, &c.	Notes	Rain.
			Min.	9 ^{am} Max.			
S. 1.	30.07 -04	SW ₁ SW ₂ SSE ₁	49 67 73		Clear & dewy, splendid morn'g; bright and hot day, but some rocky cumuli at times: and a brilliant summer even'g. -		
Su. 2.	-01 29.75	SE ₁ SE ₁ SE ₁	47 69 70		Bright & dewy morn'g, hot and bright till near 10 am then hazy & cloudy, & rain from 12, increasing much from 3 to 5 pm. Even'g and night fine and close. -	Full moon 1.36 pm.	42
M. 3.	-63 -78	SE ₃ S ₅ SW ₅ 3. & 1.	54 60 68		Stormy sky, low clouds, and light rain at times; heavy shower at noon, then fine and mostly bright. Thunder in the even'g, & S.W. Fine night. -	Thunder	13
Tu. 4.	-90 -85	SW ₂ S ₂ SSE ₃ SW ₄	54 66 66		Flying clouds and sun, wind brisk, and little rain in the P.M., a short time heard. Fine even'g, and night, and chiefly clear.		07
W. 5.	30.00 -10	SW ₂ SW ₃ SW ₁	51 64 68		Bright at times, and warm but many clouds, slight showers, and thunder at a distance. Even'g fine and chiefly bright. -	Thunder	05
Th. 6.	-28 -28	SW ₁ SW ₂ SW ₂	52 64 66		Bright morn'g till 8, then hazy and in part cloudy, most of the day, but clearer again after 3 pm. Fine night & grey clouds		
F. 7.	-25 -13	SW ₁ S ₂ SSE ₂	53 66 76		Close morn'g, clears at 9, bright with electric clouds, and very hot at noon, and closes evening and night. -	□ 8 8 6 8 4	
420.07			360	487	Mean Temp 60.5. -	Rain - 0.67	
			847		3 below Average }	(can't up	

JULY * 1871.

July.	Baro. meter	Wind.	Thermometer		Weather, &c. -	Notes.	Rain.
			Min.	9 ^{am} Max.			
S. 8.	29.97 30.02	SW ₁ SW ₂ SW ₃	53 67 72		Close, & hazy, but bright after 8, flying clouds & sun, a warm & drying day. Bright even'g, and a parching breeze continued.	□ 8 4	0.67
Su. 9.	-11 -10	SW ₂ SW ₂ SW ₁	52½ 67 71		Bright and hot with some moon last 2r clouds, a shower at noon. 1.9 pm. and another at 2.30 pm. Fine Even'g, & chiefly bright. And the night clear.		05
M. 10.	-10 -04	SW ₁ WSW½ SE ₂ SE ₁	50 69 74		Very bright morn'g, and continued so, except some light clouds. Calm and hot till 3, then more cloud, & haze. with little rain at 8 pm.		02
Tu. 11.	29.75 -87	NE ₂ NW ₁ WNW ₁	56 58 60		Close & cloudy, rain from 8 am, more or less till 5 pm, then fine, and clearer: and a fine breezy night.	6 8 0	68
W. 12.	-97 30.01	W ₂ W ₂ SW ₂	51 66 72		Bright and hot till after 1 pm, then more hazy and some clouds. The rest of the day, and slight drips of rain.	Δ 9 ½	03
Th. 13.	-01 -03	SW ₂ SW ₁ SW ₁	56 65 70		Very close & cloudy morn'g clearer at noon, hot & balmy air all the P.M., but not bright, till 6, then a clear even'g, but close & cloudy night.	little wet. 4 a.m.	07
F. 14.	-10 -13	SW ₂ S ₂ S ₁	64 71 77		Sultry morn'g, much cloud in the day, some sun, and very hot and oppressive. Even'g and night the same. & a light breeze.		
421.21			3825	496	Mean Temp 62.75. Rain & over 1.52		
			878.5		1½ below Average. -		

JULY * 1871.

July.	Baro.	Wind.	Thermom.	Weather &c.	Notes.	Rain.
	meta		Min. 9 am. Max.			
S. 15.	30.13 -15	SW ₂ . WSW ₁ . SW ₁ . 8 o.	64 74 79	Light rain. 4 am, sultry morning, became bright after 8, and very hot; and a sultry evening, and night but very fine.	☽ ☿ ♀ ♃	1.52 05
Su. 16.	-20 -29	SW ₂ . SW ₁ . SW ₀ .	63 74 79	Bright and very hot, with some light clouds, and a gentle wind. The evening calm, clear, & hot, and sun set in full splendour.	8 pm 71°	
M. 17.	-25 -20	SSW ₁ . SW ₂ . SW ₀ .	60 75 81	Clear & dewy morn'g, continued bright, and very hot all day, with light clouds. Calm sultry evening, with deep-pled sky. Close night.	new moon 5. 27 pm. 8 pm 74°	
Tu. 18.	-22 -78	W ₁ . W ₁ . SE ₁ .	61 72 79	Bright and very hot, some light clouds only at times. Wind veered at 4 pm to Eastward. Bright evening, and fine night.		
W. 19.	-02 29.83	SE ₁ . S ₁ . S ₂ . SW ₁ .	53 69 77	Electric clouds & sun, all the morn'g, very hot day and chiefly bright. Sultry evening, dark clouds and rain at 8 1/2 pm, afterwards a fine night.		73
Th. 20.	-93 30.13	W ₂ . WNW ₂ . WNW ₂ . Var. 0.	57 64 71	Clouds and sun, fine, & pleasant day, very warm with a fresh breeze. Calm evening, and very fine. Cloudy night, a S.E.	☽ ☉ ♀ ☿ * ♀ ♃	
F. 21.	-12 29.98	S ₁ . S ₂ . SW ₀ .	53 64 71 1/2	Rain at 5 am, fine and pleasant day, thin clouds, and sun. Evening hazy, close and calm, and a fine night.		70
			421.63	Mean Temp 67.75. Rain 2. up 1.80		
			948.5	4 1/4° above Average.		

JULY * 1871.

July.	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes.	Rain.	
			Min.	9 am	Max.			
S. 22.	29.84 -79	SW ₂ . SW ₂ . SW ₀ .	56 61 69			Close & cloudy morn'g, very light rain at times, clearer and fine at noon, and very fine afternoon. Calm & bright evening. - Fine night. -	.03	
Su. 23.	-81 -78	SW ₂ . SW ₂ . SW ₁ .	52 66 69			Bright with light clouds, & warm. Heavy showers at noon, some thunder showers all the P.M.; and at 9 pm severe with large hail: then a fine night.	33 30	
M. 24.	-80 -72	SW ₂ . WSW ₂ . SW ₁ .	53 64 69			Electric clouds & sun, showers at a distance, fine here till 4 pm, then heavy showers & thunder. Finer evening, but rain after midnight.	Thunder. 26	
Tu. 25.	-50 -53	W ₂ . W _{3.4} . W ₁ .	54 62 67			Much rain, 3 to 4 am, fine moon 1 st 2 nd all the mid-day, sun & cloud. Distant showers pm, Fine evening and night with some electric clouds.	5.51 a.m. 40	
W. 26.	-53 -56	SW ₃ . SW ₅ . WSW ₂ .	51 64 69			Bright with flying clouds, and squally wind. Showers at a distance, a little here. Fine evening and night, and wind abated. to calm.	.03	
Th. 27.	-70 -99	W ₂ . W ₁ . SW ₁ . & o.	51 66 73			Bright and hot, with some light flying clouds, but chiefly bright from 2 pm, and a lovely evening, bright, calm & very warm.	* ♂ ♂ cloudy night.	
F. 28.	-95 -88	SE ₁ . SW ₂ . W ₃ . & 1.	57 62 66			Rain from 4 am at times till 7, and very drizzly from 10 till 12, then finer, and clearer. - Bright noon - light evening: fine night.	30 12	
41638			374482		Mean Temp 61.14			Rain cal-over 3.57
856 = 24° below Average.								

JULY * 1871.

July.	Baro. meters	Wind.	Thermom. min. 9 am. Max.	Weather, &c.	Notes.	Rain. 3.57
S. 29.	30.11 29.88	SW ₁ . S ₃ . S ₂ .	52 66 72	Bright with light clouds, and a brisk wind at times, but hot in the mid day. Dark clouds in West all the Even'g. & beautiful sky at 9 pm.		
Su. 30.	78 -84	SSW ₂ . SW ₅ . SW ₂ .	50 62 66	Bright and warm morn'g, but after 8. became stormy, with showers & thunder. Fine even'g & night, but some heavy electric clouds in N.W.	Thunder.	77
M. 31.	30.02 -77	W ₁ . W ₁ . SE ₂ .	50 65 74	Bright morn'g, with some clouds, and a bright and hot day. More electric at ter 4 pm, wind to S & S.E.	Full moon 9.16 pm.	
17980			152 212	Mean Temp 3 days 60°66 Rain 3.74		

Barometer.
Highest on the 16th 30.29
Lowest on the 25th 29.50
Range = 0.79
Mean of Month 29.98
No gales, but stiff breezes
on 3^d, 26th, and 30th.

Thermometer.
Highest on the 17th 81°
Lowest on 2^d am 47°
Range = 34°
Mean daily range 17.27
Mean of Month 62.806
Slightly below Average.

Prevailing currents the SW, and S.
Fine days 15. Rain-fall 3.74 Inches.

This was on the whole a good seasonable month of heat,
and plentiful showers, so as to bring on all things
to a near approach of maturity; the corn promises
fairly, and begins to assume the hue of ripening.
While the public health is at an Average.

August * 1871.

Aug.	Baro. meters	Wind.	Thermom. min. 9 am. Max.	Weather, &c.	Notes.	Rain.
Tu. 1.	30.17 -18	W ₁ . SW ₁ . SW ₀ .	49 67 74½	Clear & dewy morn'g, very bright & hot day, with some clouds. Calm, bright, and lovely even'g, and fine serene night.		
W. 2.	73 -71	SW ₀ . SW ₁ . SSE ₂ .	48 70 76½	Very bright, and hot, the day throughout, with a few small clouds & very little wind. but more after 5 pm, & veered back. Close night & fine.		
Th. 3.	29.96 -85	SE _½ . SE ₁ . SE ₂ .	54 72 78	Bright and very hot, with a few light electric clouds & gentle wind at times. Close and hazy even'g, and very red streaked sky.		
F. 4.	83 -95	SW ₁ . W ₂ . W ₃ . & 1.	56 64 71½	Hazy, close, & cloudy morn'g, became bright at 10 am. then clouds & sun. Even'g bright and pleasant. and very fine night.	Δ 8h	
S. 5.	30.13 -23	W ₂ . W ₂ . WSW _½ .	48 66 72	Bright morn'g, and a very fine & bright day, and hot in the afternoon. The even'g calm & close, with grey clouds.		
Su. 6.	31 -41	W ₁ . W ₂ . W ₁ .	61 71 78	Splendid, bright & hot morn'g. some clouds from 9 till 11, then very hot and bright all day, and the evening a clear sky & golden-och.		
M. 7.	36 -33	SE _½ . SE ₂ . SE ₁ .	52 73 78	Light fog till after 6 am, then bright and very hot all day, and very clear evening, and strong sun- light.	* 9h	
42195			368 5285	Mean Temp 64°03. Rain none.		

8965 = Nearly 2° above Average.

AUGUST * 1871.

Aug.	Baro. meter	Wind.	Thermometer Min. 9 am. Max.	Weather, &c.	Notes.	Rain 0.
Tu. 8.	30.29 -28	SE 1. SE 2. E 1.	57 73 79	Fog early, & till 7 am, then became bright & very hot, continued so all day, and a very bright evening, and fine night.	moon last 4. 23 am.	
W. 9.	-28 -30	E 1/2. ESE 1. ESE 1. 80.	57 75 83	Fog till after 6 am, then bright, & excessively hot all day; and the evening very brilliant, calm, & magnificent.	10 am 78. noon 82. 2 pm 83. at 10 set 70.	
Th. 10.	-32 -31	E 0. E 1. SE 1/2.	52 76 84	Fog till after 6, then very bright, and excessively hot all day. Evening some clear to last. And some shooting stars, as then.	10 am 78. 11 am 82. noon 83. 2 pm 84. at 10 set 70.	
F. 11.	-29 -28	SE 0. SE 1. SE 1/2.	52 77 85	Very bright, and the heat great. From early hours, and excessive from 10 am all day, and a cloudless golden sun, & clear night.	10 am 80. noon 84. 2 pm 86. at 10 set 72.	
S. 12.	-25 -24	SE 0. SE 1. SE 1/2.	55 79 87	Very bright, and excessive ly hot, the whole day. and a brilliant evening. Sun set in ruddy lustre: beautiful night.	10 am 82. 11 am 84. noon 86. 2 pm 87. at 10 set 74.	
Su. 13.	-17 -13	SE 0. E 1/2. E 2. ENE 2.	59 81 88	Very bright, and most excessive heat all day. A breeze at 3 pm. Clear evening, and at 11 pm distant lightning W. 11 pm.	10 am 84. 11 am 86. noon 87. 1 pm 88. at 11 set 74.	
M. 14.	-13 -12	NE 2. NE 2. NE 2.	63 73 77	Much lightning W. all the past night. Cloudy morning, till after 8, then bright and very hot. Cooler breeze after 1 pm. Lightning during night.		
42 3 49		39 5 58 3		Mean Temp (69.85) Rain none		
		978		= Nearly 8° above Average.		

AUGUST * 1871.

Aug.	Baro. meter	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain 0.
Tu. 15.	30.13 -12	NE 1. E 1. E 1/2.	56 69 77 1/2	Bright and very hot, with a very gentle wind: and the evening brilliant and calm. Sun set red and clear. Some fog in the night.	☐ ♀ h * ♀ 4	
W. 16.	-13 -11	E 1/2. SE 1. SE 1.	51 70 79	Fog till 7, then bright and very hot, with trifling wind. Hazy & some clouds after 2 pm. Still mostly bright, but a cloudy and sultry evening.	new moon 7. 2 a m.	
Th. 17.	-05 29.92	SE 0. SE 1. SE 2.	60 72 79	Sultry & calm, morning, light breeze after 9, hot, & partially bright but hazy. Very hot & sunny from till 5, but close and cloudy evening & night.		
F. 18.	-70 -67	SE 2. S 2. S 1. SW 1.	64 70 74	Much rain from 3 1/2 am, and very heavy at times till 6 am. Fair & hot from 8 am till 2 pm. Then showers & thunder till 4, finer evening & night.	* ♂ h Rain & Thunder.	1.03 25
S. 19.	-80 30.13	W 3.4. W 2. W 0.	57 66 70	Very brisk wind in the morning, with flying clouds, fine sunny day, breezy, and some clouds. Evening calm, bright and pleasant.		
Su. 20.	-22 -11	S 1. S 3-5. SSW 4.	50 68 72	Clear morning, heavy dew. More wind & mixed clouds in the afternoon, very gusty with hot sun. Cloudy evening with a sultry breeze all night.		
M. 21.	-08 -22	SSW 3. SW 2. SW 1. SE 1.	66 70 76	Close morning, & sultry breeze but after 11, bright and very hot. Evening again cloudy, and wind to S.E., but a fine night.		
42 0 39		40 4 52 75		Mean Temp 66.53. Rain 2.00 1.28		
		9315		= 4 1/2° above Average.		

August * 1871.

Augt.	Baro. meter	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	Notes.	Rain. 1.28.
Tu. 22.	30.25 -11	E ₁ SE ₂ SE ₂	56 65 71	Bright morn'g, but clouds & sun after 8, hot & sunny about noon, some clouds p.m., and evening chiefly cloudy.		
W. 23.	-08 -04	SW ₂ SW ₂ SW ₁	58 66 72	Bright with undled moon 1 st 2 nd electric clouds, and some darker, but fine and hot till 3, then a little rain: fine evng.	11.35 a.m. sun set in rocky clouds.	06
Th. 24.	-02 29.79	S ₁ SSW ₂ SW ₄ 8 6.	55 61 68	Hazy and cloudy morn'g, gentle rain at 8 & 9 a.m., blustering & cloudy day. Evng, very windy, and a short heavy shower at 9 p.m.		09
F. 25.	-96 30.03	SW ₂ WSW ₄ SW ₂ 8 1.	55 68 73	Bright morn'g, with light clouds, and very brisk wind, but hot at times. Bright evng, and less wind.	* O H	
S. 26.	-15 -27	WSW ₂ WSW ₃ W ₂	52 65 71	Bright with brisk wind, very fine and parching weather. Less wind in the evng, and a fine and clear night.		
Su. 27.	-45 -53	W ₁ W ₂ W ₁	49 66 70	Clear & bright morning afterwards but slight clouds, and chiefly sun. Very bright evng, and nearly calm. Night the same.	Δ O H	
M. 28.	-54 -50	NW ₁ NW ₁ SE ₁	48 67 74	Clear morn'g, and heavy dew, continued very bright, and hot as day opened. more cloudy after 1 p.m. but clear evng.		
42.268			373 499	Mean Temp 62° 28. Rain cal up 1.43		
			872	About the Average.		

August * 1871.

Augt.	Baro. meter	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	Notes.	Rain. 1.43
Tu. 29.	30.38 -31	E ₁ SE ₂ SE ₂	48 67 73	Fog till after 6 a.m., then bright and hot, with flying clouds, but no clouds after 1 p.m. Clear and breezy evng, and the moon very bright.		
W. 30.	-21 -14	SE ₁ SE ₂ SE ₀	54 1/2 72 75 1/2	Bright and hot, with a fresh breeze, and a few light clouds. 6.21 a.m. More electric & dappled in the evng, sultry and calm. Lovely moonlight night.	Full moon Harvest moon.	
Th. 31.	-72 -14	SW ₂ SW ₁ S ₁	60 65 76	Grey clouds, and blue haze till near 10 a.m., then bright and hot. The afternoon more so. Bright evng, and rosy clouds at sunset.		
181.30			1655 2245	Mean 3 days 65. Total rain 1.43		

Barometer.

Highest on 28th — 30.54
Lowest on 18th — 29.67
Range — 0.87
Mean of Month 30.15

Gales on two days —
the 20th and 24th.

Thermometer.

Highest on 13th — 88°
Lowest on four
morn'gs, 2nd, 5th, 28th, & 29th — 48°
Range — 40°
Mean daily range — 21° 19'
Mean of month — 65° 61'

3.61 Deg° above Average.

Prevailing winds. SE and SW. Fine days 28!
Rain-fall only 1.43!

This was a remarkably fine, dry, and hot month throughout, highly favourable for the harvest, which was nearly completed by the 31st, and a fair quantity and quality was the result in most cases. — No great prevalence of sickness during the month, but some cases of sunstroke occurred.

September 1871.

Sept.	Baro. meter	Wind.	Thermom. min. 9. Max.	Weather, &c.	Notes.	Rain.
F. 1.	30.19	SE ₁ SE ₁ SE ₁	54 70 79	Some fog, but from 7 am bright and very hot, with a few light clouds. The evening chiefly clear, but very sultry.	10 am 74° noon 78° 2 pm 79°	
S. 2.	-19 -12	S ₁ W ₁ Var. 0.	53½ 72 76	Fog till after 6: close and sultry morn. Thunder NW at noon, & 3 pm. very close and hot, and much lightning even SE & E.	Thunder.	
Su. 3.	-04 -01	Var. 0. SW ₁ SW ₂	61 65 72½	Fog, & fits of heavy rain from 6 am: fine with fog till 10, then bright & hot. Some distant thunder SE 2 pm. Evening breezy & some clouds.		.20
M. 4.	29.97 -96	SSW ₃ SSW ₂ S ₂ & 1.	57½ 66 73	Showers at 3 & 4 am, bright and pleasant, from sunrise and hot till 1 pm, then cloudy and little rain at times. Fine evening, and some clouds.		.13 .03
Tu. 5.	30.12 -24	W ₁ W ₁ W ₀	53 65 72½	Bright and hot with some small cumuli clouds, very bright orange sunset, and lovely evening. Clear night.		
W. 6.	-22 -08	S ₁ SE ₁ ESE ₁	47 67 73½	Fog early AM: bright and hot after 8 am, with small electric clouds. More cloudy after 1 pm, but again bright. Electric clouds at evening.	moon last Dr. 10.10 pm. severe thunder storm	.37
Th. 7.	-03 -13	W ₂ WSW ₂ WSW ₀	60 64 71	Awful lightning, thunder & rain last evening 8 pm. Fog this morning till 9, afterwards bright with some clouds, and clear sunset.		.20
42132			3885175	Mean Temp 64° 67. Rain c. up .93 905.5 = 6½° above Average.		

September 1871.

Sept.	Baro. meter	Wind.	Thermom. min. 9. Max.	Weather, &c.	Notes.	Rain.
F. 8.	30.10 29.90	SE ₀ SE ₁ E ₁	47½ 57 64	Very foggy till after 9, then cloudy & some rain till 11. cloudy but fine P.M. Some rain in the night, and very close, & overcast.		.04 .10
S. 9.	-78 -99	E ₀ SSE ₂ S ₂ & 1.	59 62 68	Sultry & cloudy with blue haze, followed by gentle rain from 7 till 10, then became fine, and a bright & warm afternoon, & clear sunset.		.12
Su. 10.	30.11 -05	SE ₂ ESE ₃ ESE ₂	51 68 71½	Bright and hot, with brisk wind, & light cumuli, and a bright evening, with rather less wind. Fine and warm night.		
M. 11.	-05 -14	E ₁ E ₂ E ₂	57 68 75	Bright with light clouds, and a hot morning, and a very hot and bright day, and clear evening, but a cloudy night.	real summer weather continued.	
Tu. 12.	-21 -30	NE ₁ NE ₂ NE ₁	60 69 74	Grey clouds & close till near 9 am, then bright and very hot with some light clouds. more electric from 3 pm, and fine night.	* & H	
W. 13.	-35 -38	NE ₁ NE ₂ NE ₂	56 61 66	Cloudy, with little sun, but more cloudy from 9 am, most of the day, and the evening the same. Fine night & cloudy.		
Th. 14.	-38 -41	NE ₂ NE ₂ NE ₂	56½ 60 67	Cloudy morning, fine and pleasant. Day, clouds, and sun, with a fresh drying breeze. Fine night.	new moon 7.10 pm. * & ☉	
42215			3874853	Mean Temp 62° 32. Rain cal over 1.19 872.5 = 4½° above Average.		

September 1871.

Sept.	Baro. meter	Wind.	Thermom. Lowest.	9 am.	Highest.	Weather, &c.	Notes.	Rain. 1.19
F. 15.	30.36 -34	E 1 E 2. E 1.	53 66 72			Cloudy till 8 am, then bright and hot, with a few clouds & light breeze at times; and a bright evening, and fine night.		
S. 16.	-33 -39	E 1. E 3. E 2.	51 66 70			Bright and very warm, with a drying breeze, & some light clouds. Cloudy evening & night, but very fine.		
Su. 17.	-35 -33	NE 2. NE 3. NE 2.	56 61 67			Clouds and sun, with a cooler breeze, but very fine, and chiefly sun. Some clouds at evening, but a fine night.	* 8 24	
M. 18.	-27 -25	N 2. NW 1. N 2. E 1.	52 58 59			Cloudy more or less, very fine, but much cooler than of late. The evening & night chiefly cloudy, but fine.	* 0 24 * 8 8	
Tu. 19.	-22 -19	NW 1. N 2. N 1.	49 54 60			Cloudy till near noon, afterwards at times bright, with a cool breeze. Cloudy evening, clouds moving in SW upper current.	Δ 4 8	
W. 20.	-14 29.99	SE 1/2. SE 1/2. SE 0.	42 1/2 54 61			Grey clouds in an upper SW current - fine with clouds and sun, and very calm day. Fine night - calm & partly cloudy.		
Th. 21.	-75 -70	SE 1/2. Var. 1/2. Var. 1/2.	45 58 63 1/2			Cloudy morning till after noon 1 st Dr 9, then bright and warm 5.12 pm. with few clouds, & calm atmosphere. Evening cloudy.		
422.61		348.5		452.5	Mean Temp 57°.21 Rain cal up 1.19			
		801		= About the Average.				

September 1871.

Sept.	Baro. meter	Wind.	Thermom. min.	9 am.	max.	Weather, &c.	Notes.	Rain. 1.19
F. 22.	29.77	W ₃ .	43½			Bright with flying clouds, and a very brisk and cool wind, abating from 3pm. Fine evening, and much less wind. Clear night.		
	-89	W ₄ .		54				
		W ₁ .			60			
S. 23.	-95	W ₁ .	39			Clear & chilly morning, inclined to frosty. Bright and pleasant day, slight haze, and nearly calm. Hazy from 2pm. and rain during night.		
		W _½ .		50				
	-82	S ₁ .			60			
Su. 24.	-45	NE ₂ .	48			Rain early AM. Fine from 8 till 12 but cloudy, windy and wet. PM, till 4, and then a fine evening, and sun broke out after 5pm.	great change.	55
		NW ₅ .		55				10
	-69	W ₂ .			56			
M. 25.	-86	NW ₁ .	43			Bright morning, till 10, afterwards some clouds and haze, with but little sun. Rain during night.	□ 9½	40
		NE ₂ .		53				
	-80	E ₃ .			57			
Tu. 26.	-70	E ₃	48			Cloudy with very little sun, and little rain at times, with a cool wind. Evening fine and clearer but a change dur night.		04
		E ₂ .		52				
	-74	E ₂ .			55			
W. 27.	-58	SE ₄ .	45			Blustering and wet till noon, then showery with sun at times, and thunder in the West. Close and warm evening, some rain.	□ 0½ Thunder PM.	59
		SE ₃ .		51				
	-33	S			62			
Th. 28.	-25	W ₂ .	54			Close and rain at times till 7am, very cloudy day, & rain again after 1 pm. Finer evening, and night, & but little wind.	Full moon 5.44pm. △ 8½	31
		W ₂ .		57				12
	-69	NW ₂ .			57½			
415.52			320.5	407.5	Mean Temp 52° Rain cal. over 3.30			
			728	= more than 5° below Average.				

September 1871.

Sept.	Baro. meter	Wind.	Thermom. min. 9. max.	Weather, &c.	Notes.	Rain
F. 29.	29.90	NE ₀ . 42 NE ₂ . 50 E ₃ . 55		Cloudy and calm morn'g, very cloudy but fine till 2 pm, afterwards much rain, at times heavy till 8 pm: then finer a few hours.	* ♀ ♂	3.30
S. 30.	-52	NW ₂ . 50 NW ₆ . 50 NW ₄ . 53		Very heavy rain from 4 till near 6 a.m. Gale set in 8 am, & drifts of rain till 10, then finer, & some sun, wind abated and a clear evening, and nearly calm.	* ♀ H	.75 .55 .23
11908		92	108	Mean last 2 days 50°	Rain -	4.83

Barometer.
Highest on the 14th - 30.41.
Lowest on the 28th - 29.25.
Range - 1.16
Mean of Month - 30.01
Gale on 30th only. -

Thermometer.
Highest on the 1st - 79°
Lowest on the 23rd am - 39°
Range - 40°
Mean daily range - 14.5
Mean of Month - 58° 45.
About 1° above Average.

Prevailing winds SE, NE, & W to E, much divided.
Fine days 17, and the Rainfall 4.83 Inches!

This was a fine and warm month till the 23rd, then very wet to the end, which was a timely benefit to the pastures, turnips, and beet-roots, which had been suffering from the heat and drought for the seven weeks previous.

October * 1871.

Oct.	Baro. meter	Wind.	Thermom. min. 9. max.	Weather, &c.	Notes.	Rain
Su. 1.	29.49	SSW ₂ . 42 SW ₂ . 50 SW ₁ . 59		Cloudy & gentle rain, & afterwards hard till after 9, then sun at times, and warm, but stormy clouds prevail. Nasty shower 5 pm.		.40 .11 .10
M. 2.	-28	W ₃ . 48 W ₂ . 52 W ₁ . 56½		Squally showers early a.m. chiefly fine in the day, clouds and sun. More calm and serene after 3 pm. - but a shower after 9 pm. -		.29
Tu. 3.	-49	W ₂ . 44 WNW ₂ . 52 W ₁ . 58		Clouds and sun, but fine and much brighter after 2 pm., and a fine evening and night, and more settled.		
W. 4.	-75	NW ₁ . 46 NW ₁ . 53 NW ₁ . 58½		Bright with some rocky clouds, more serene and pleasant. Clear sun set, & calm night, rather frosty.		
Th. 5.	-86	SW ₁ . 36 SW ₂ . 50 SW ₁ . 59		Bright with light clouds, and a pleasant day. The evening mild and fine. but hazy, and a closer night.		
F. 6.	-95	SW ₁ . 48 SW ₂ . 56 SW ₂ . 61½		Hazy with light clouds, moon, last, warm breeze, and sun at times. Close night, and warm breeze through-out.	Dr. 5.32 pm. * ♀ 4	
S. 7.	-72	SW ₂ . 53 W ₂ . 57½ W ₁ . 60		Close morn'g, afterwards wind veering with showers. Fine afternoon, and some sun. Cloudy evening.	♂ ♀ ♀ (distant thunder all the PM.)	.75
41533		3174125		Mean Temp 52.1.	Rain & over	.85

729.5 - About the Average. -

October 1871.

Oct.	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes.	Rain 0.85-
			Min.	9. Max.			
Su. 8.	29.96 30.04	W ₁ W ₂ W ₁	40	48 56	Bright and pleasant with some light clouds and a gentle wind at times. Even ^g & night chiefly clear. -	(distant lightning at night.)	
M. 9.	-22 -26	W ₁ NW ₁ N ₂	37	46 54	Clear & heavy dew, fine day, and mostly sun, but a cool air. - Clear and cold even ^g and night.		
Tu. 10.	-48 -51	Var. a NW ₀ Var. o	3 1/2	44 52 1/2	Frost early AM, very bright morn ^g , calm sunny day, & pleasant, but a cool air, and a frosty night. -	* 8 H	
W. 11.	-34 -31	Var. o SE ₁ SE ₁ & o.	3 1/2	44 56	Clear, frost a.m., very bright and pleasant most of the day. Even ^g and night hazy, and some clouds.		
Th. 12.	-45 -54	NE ₀ NE ₁ E ₀	37	50 58	Very fine, bright, and pleasant day, some light clouds, & very little wind. Clear & frosty night. -	□ 8 H	
F. 13.	-52 -49	Var. o SW ₂ SW ₂ & 1.	32	44 55	Fog and hoar frost early. Fine day, and chiefly bright, but hazy. - Sun very red from 4 pm to setting.		
S. 14.	-37 -28	SE ₁ SE ₂ SE ₁	35	47 55	Fog till 8, then bright with some clouds. - The afternoon very bright, & even ^g clear.	6.19 am.	
42477		2443865		Mean Temp 45° 03 Rain Exp 85			
		630.5		7° below Average.			

October 1871.

Oct.	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes.	Rain 0.85
			Min.	9. Max.			
Su. 15.	30.20 -12	E ₁ SE ₂ S ₁	33	44 57	Fog and hoar frost in the morn ^g , till 9, then bright and warm, but after 2 pm, rather hazy. -		
M. 16.	-08 -07	SE ₁ SW ₁ S ₁	45	53 59	Close & hazy morning. very fine, warm, and pleasant day, and the afternoon at times bright. -		
Tu. 17.	-10 -13	SE ₂ SSE ₂ S ₁	48 1/2	55 64	Close and hazy till after 11 am, then bright, and very warm, very pleasant day, and fine and mild even ^g and night.		
W. 18.	-08 29.95	SSE ₁ SE ₂ SSE ₃	46	54 63	Fog till after 8, then very bright and warm. - A brisker wind in the afternoon, but constant sun. Hazy sultry & breezy night.		
Th. 19.	-90 -87	SSE ₃ S ₂ SSE ₁	52	59 63	Close and cloudy morn ^g , clearer after 11 am, some sun & very warm afternoon. - Close even ^g , and some fog during night.	* 8 1/2	
F. 20.	-87 -95	SE ₀ S ₀ W ₂	53	59 61 1/2	Fog all the morn ^g , clear in near noon & very warm gentle rain p.m., and increased after 3; finer from 8 pm.	moon 1 st 2 nd 11.54 pm.	30
S. 21.	30.10 -00	SW ₁ SW ₂ SW ₄	43	49 54	Fog till 8, then bright for a few hours, but from 11 am, chiefly cloudy, and some rain after 3 pm. - wet even ^g , & winds. -	cleared after 7 pm.	21
42042		32054215		Mean Temp 53° - Rain Exp 36			
		743		1° above Average.			

October 1871.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.36
Su. 22.	30.27 -38	W ₂ . WNW ₂ . W ₁ . 8 o.	43 49 55½	Clear, bright morn'g, and a very fine, sun- ny & pleasant day. Calm night, and moon bright. - Mist on vales.	☐ ☉ 4	
M. 23.	-41 -39	W ₀ . SSW ₂ . S ₁ . 8 o.	36½ 48 56	Fog till 9, then bright warm, and pleasant. The evening and night clear and frosty. Mist on the vales.		
Tu. 24.	-33 -30	S ₀ . S _½ . S ₀ .	33½ 45 55	Little frost early AM. cloudy at sunrise. From 10 am. bright with light electric clouds. Clear evening. Fog during night.		
W. 25.	-35 -40	NW ₀ . NW ₂ . N ₁ .	39 49 54	Very foggy morn'g, but from 9 am. cloudy, & fog gone. The afternoon day bright and pleasant. Fine & frosty night.	☐ ☉ H	
Th. 26.	-37 -34	S ₀ . SSE ₀ . SW ₂ .	33 44 55	Fog & hear frost early AM, from 10 am. very bright & warmer afternoon. Close evening, and night, and chiefly cloudy.		
F. 27.	-17 -04	S ₁ . SW ₂ . S ₁ .	47 51 58	Close and cloudy till near 11 am, then brighter. Sunny & pleasant after- noon. Hazy evening, and night.	☐ ☿ 4	
S. 28.	-00 29.94	S ₂ . S ₃ . S ₂ .	47 50 56½	Hazy & mild morn'g, Full moon cloudy till 11 am, after wards bright. Evening & night fine.	8.14 am ☐ ☿ H	
423.69		279.390		Mean Temp 47.78. Rain 2. up 1.36		
		669		— 4¼ below Average.		

October 1871.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.36
Su. 29.	29.80 -76	SE ₂ . SE ₃ . SE ₃ .	42 48½ 53	Hazy red & mottled morn'g sky. Fine day, hazy sky and some sun, with a cool wind. Fine evening, and night.	* ☉ H A perihelion at 3½ pm, N. of sun.	
M. 30.	-76 -82	SE ₂ . SE ₁ . SE ₁ .	44 50 52	Hazy, but bright, & very red morn'g, cloudy more or less in the day, & less wind: and the evening and night fine but hazy.	* ☿ H	
Tu. 31.	-97 30.02	E ₃ . E ₄ . E ₃ .	45 50 53	Hazy, mixed clouds, & sun, with a very brisk wind. Fine blowing evening, and night.		
179.13		131.58		Mean 3 days 48°.6. Total rain 1.36		

Barometer.

Highest on 12th — 30.54.
Lowest on 1st — 29.28.

Range — 1.26
Mean of month — 30.05

No gales this month.

Thermometer.

Highest on 17th — 64°.
Lowest on 10th — 31°5.

Range — 32.5
Mean daily range 15°35
Mean of month 49°35

2½° below Average.

Prevalent winds SE, and SW. Fine days 26, and the
rain-fall 1.36 Inch only.

This was a very fine month with little exception,
and a medium temperature on the whole. - The
third week being the warmest period, and the pre-
vious week the coldest. Public health about the
average in town and country.

November 1871.

Nov.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain
W. 1.	30.07 -13	ENE ₃ E ₃ E ₂	44½ 46 49	Very drying wind, grey clouds & sun at times, more cloudy after 1 pm. but a fine evening and wind brisk at East.	Roads dusty!	
Th. 2.	-20 -24	NE ₂ NE ₁ NE ₂	44 45 47½	Cloudy but very fine, and a gentle drying breeze the same all day. Fine evening & night, & rather clearer.		
F. 3.	-22 -13	NE ₁ NE ₁ NE ₁	39 43 50	Fine morning with clouds and sun, bright & pleasant from 9 till near 11, cloudy afternoon, little rain at times.	* ♀ 4	.02
S. 4.	-13 -23	NE ₁ E ₁ E ₂	38 45 48	Trifling rain at times, cloudy with little sun. Finer afternoon, and a clear evening, and very fine night.		.01
Su. 5.	-25 -21	E ₄ ESE ₄ E ₅ 3. & 1.	36 40 45½	Clear, bright morning, with a brisk wind. Very bright all day, and continued cold blustering wind, less wind at evening.	Moon last Dr 0.55 pm. * ♀ III	
M. 6.	-04 29.92	ESE ₁ ESE ₂ SE ₁	32 38 47½	Clear & little frost. continued bright, with a brisk wind, but less wind after 1 pm. Red cirri at sunset.		
Tu. 7.	-75 -70	SW ₁ SW ₁ SW ₀	33 37 48	Hazy and cloudy with some sun, but quite overcast PM, and some fog. Calm and mild, evening the same.		
421.22		266.5 335.5		Mean Temp 43° -)) Rain & up .03		

602 — 1° above Average.

November 1871.

Nov.	Baro. meter	Wind.	Thermom. Min.	8 am	Max.	Weather, &c.	Notes.	Rain.	
W. 8.	29.60 -59	SW ₁ W ₂ W ₁	39	44	48	Overcast and damp morn'g and little rain at 9 & 10 am. Bright afternoon, with light fleecy clouds. Clear frosty night.		.03	
Th. 9.	-74 -82	W ₁ NW ₂ NW ₁	30	32	43½	Frost AM, bright all day, but a very cold brisk wind. Clear and frosty even'g. Aurora very bright from W to N.	Aurora Borealis bright from 7 pm.		
F. 10.	-70 -70	WSW ₃ W ₅ W ₂	32	36	44	Clouds and sun, with a cold blustering wind, at times; but less wind after 3 pm. Aurora in the N, again this even'g.			
S. 11.	-71 -86	NW ₁ NW ₁ N ₂	30½	33	42½	Clear, frosty morn'g; but after 9 am, thick and hazy, damp and cold day & some rain at times after 2 pm. Hazy even'g, and some clouds.		.03	
Su. 12.	-98 30.05	W _½ W ₂ W ₁	25	27	41	Clear, and hard white frost. New moon very bright all day, and 5. 9 pm. a hard wind. Clear and frosty even'g, and night. and chiefly calm.			
M. 13.	-27 -38	W ₀ NW ₁ NW _½ & 0.	25½	27	41	Fog early, very hard white frost, & quite clear after 7 for some hours, little haze in the PM. Clear even'g, and sharp frost.	□ ♀ ♀		
Tu. 14.	-31 -72	S ₁ S ₂ S _{2.5}	22	30	45	Severe frost early, but less after day-break - with change of wind to S. Bright till 11 am, then very hazy all PM. Wet even'g & night.	Rain from 7½ pm.	.55	
41883			204	305	Mean Temp 36° 35. Rain 2.00				.64

509

6° below Average.

November 1871.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
W. 15.	29.80	SW 6. W 3. W 3. NW 4.	40 48 51	After hard rain last night, very early this morn'g. fine and a bright afternoon. Stormy clouds at a distance. - Windy evening.	$\Delta \frac{8}{4}$.64
Th. 16.	30.03	WNW 2. NW 3. NW 2.	37 38	Clouds and sun, but a fine day, and chiefly bright with a colder breeze. Very bright afternoon, but colder, and the evening clear.	$\Delta \frac{8}{4}$	
F. 17.	29.82	NW 4. NW 3. NW 3.	30 40	Frequent storms of snow all the morn'g, afterwards showers of hail & rain with sun between. Even finer, & chiefly clear.	$\Delta \frac{8}{4}$.05
S. 18.	-23	W 2. W 1. W 1.	28 31 38	Clear & frost, continued very bright all the day and a sharp air. The evening quite clear, and severe frost all night.		
Su. 19.	-45	NW 0. Var. 0. SE 1. SE 1.	23 1/2 25 40	Clear, and sharp frost. Moon 1 1/2 AM. Very bright and calm all day. Some light bands of cloud at sunset. Frosty night.		
M. 20.	-43	SW 1. S 1. SE 1.	26 34 41 1/2	Heavy frost early, hazy clouds after 7, fine and bright day, but a hazy evening, and the moon dim. Night clear & sharp.		
Tu. 21.	-27	SE 0. SE 3. SE 1.	25 26 38	Sharp frost & clear, bright day, & wind became brisk with some light clouds. Sharp frost evening & night.		
422.25 20.95 29.15 Mean Temp 35.78. Rain cal. up .72.						

501

6 1/4° below Average.

November 1871.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
W. 22.	30.12	SE 1. SE 2. SE 1.	27 1/2 31 37	Frost & M. hazy with mottled red clouds. - Some sun in the day but chiefly hazy & thick. nearly alike all day.	$\Delta \frac{0}{4}$.072
Th. 23.	-22	Var. 0. SE 1. SE 0.	33 33 36	Very foggy cold & damp all day alike, and nearly calm. The evening continued the same, and a little frost during night.	$\Delta \frac{0}{4}$	
F. 24.	-11	SW 1. S 1. SE 1.	30 32 42	Very foggy till after 10 am, afterwards bright with some clouds. Fine evening, with some clouds.		
S. 25.	-01	N 1. NE 1. NE 1.	32 36 39 1/2	Some gentle rain at times. Overcast, dark, and damp all day. Evening and night fine but cloudy.		.04
Su. 26.	-04	NE 1. NE 1. E 1.	36 41 43	Cloudy and milder, fine day, and some sun, but chiefly cloudy. Evening also very cloudy, but the night clearer.		
M. 27.	-10	NE 2. NE 2. NE 1.	34 36 43	Slight rain at 6 am, then full moon bright at times most of the day. Sleet showers during the evening and night.	$\Delta \frac{0}{4}$.02
Tu. 28.	-08	N 1. N 2. N 1.	32 34 40	Cloudy, and little wet, at times in short sleet showers. Frosty night & chiefly clear.		.03
421.27 22.45 28.05 Mean Temp 36.07. Rain cal. over .81.						

505

6° below Average.

November 1871.

Nov.	Baro. meter	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain.
W. 29 ⁹⁹		NW ¹	29			0.81
		NW ²	33			
	-92	W ²	40			
Th. 30.	-89	N ²	32			
		NW ³	35			
	-88	N ⁴	39			
11963			61 79	Mean of 2 days 35° Rain 1.58		

Barometer.
 Highest on the 19th - 30.45
 Lowest on the 8th - 29.59.
 Range - 0.86
 Mean of month - 30.05
 A gale on the 15th.

Thermometer.
 Highest on the 15th - 51°
 Lowest on - 14th - 22°
 Range - 29°
 Mean daily range - 10.53.
 Mean of month - 37.61!
 About 4½° below Average.

Winds chiefly NW, W, SE, and NE.

Nine days 19. Rainfall 1.58 Inch.

This was a notable month in many respects: it was very dry, and almost without rain except on the 15th, and 30th when considerable fell. It was almost exempt from gales. And it was the coldest Nov. for 85 years past, which is a most remarkable fact. The public Health was below Average, and there was much suffering from Rheumatic, and Bronchial affections.

December 1871.

Dec.	Baro. meter	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain.
F. 1.	29.99	NE ⁴	35			
		N ³	37			
	30.15	N ²	42			
S. 2.	-29	NW ¹	30			
	-20	NW ¹	30			
		W ⁴	38½			
Su. 3.	-05	NW ²	30			
		NW ²	35			
	-08	NW ³	40			
M. 4.	-12	NW ²	26½			
		NW ¹	27			
	-28	N ³	34			
Tu. 5.	-28	NW ²	23			
		NW ¹	23			
	-18	W ³	32			
W. 6.	-10	Var.	28			
		NW ¹	35			
	-14	NW ⁴	36			
Th. 7.	-13	SW ¹	25			
		W ¹	30			
	-15	NW ³	34			
		NE ³				
42214			19752565	Mean Temp 32.28. Rain cal. over .09		
			454	6¾° below Average		

December 1871.

Dec.	Baro. meter	Wind.	Thermom. min. 8 am. Max.	Weather.	notes.	Rain - '09
F. 8.	30.50 -45	Var. o. W. o. W. o. SW. o.	7 7 24	Clear, and excessive severity of frost. Bright and calm all day, and very severe evening, and part of night.	□ ♀ 24	
S. 9.	-33 -29	SW. 3. W. 3. NW. 3. S. 2.	8 31 34	Cloudy, change to milder since dawn. Some sleet & hail at times. & gloomy sky. Cloudy but fine all night.		
Su. 10.	-29 -30	NW. 2. NW. 2. NW. 2.	28 28 36	Clouds & sun, moderate frost, & bright after 9 am, with some clouds. Night clearer and frosty.	□ ♀ H	
M. 11.	-42 -44	WSW. 1. SW. 1. SW. 2.	20 27 37	Partially clear, with some haze, & keen frost. More hazy in the day and thawing in the P.M. and nearly all night.		
Tu. 12.	-47 -45	W. 1. SW. 1. SW. 1.	31 34 40	Clearer & little frost at new moon 7 & 8 am; fine sunny day & milder, with light clouds. The night cloudy & milder.	4. 1 am.	
W. 13.	-48 -50	W. 3. W. 1. SW. 1.	34 42 43	Very fine, with fog and sun alternately; calm, & milder. and the evening foggy. few rain drops.		
Th. 14.	-37 -33	SW. 1. SW. 3. W. 3.	39 41 46	Overcast, little rain at times, and milder air. Dark, gloomy and damp all day. little rain during night.	♂ ♂ 24 ♂ ♀ H	1/4 07
42.562			167260	Mean Temp 30.5. Rain E. up '30		

427 = 8 1/2° below Average.

December 1871.

Dec.	Baro. meter	Wind.	Thermom. min. 8 am. Max.	Weather, &c.	notes.	Rain. 0 '30
F. 15.	30.37 -38	SW. 1. SW. 1. SW. 1.	43 44 46	Cloudy close and mild morning, clearer after-noon, and at times bright. The evening cloudy and mild.		
S. 16.	-34 -42	SW. 1. SW. 1. SW. o.	38 42 44	Cloudy, overcast, dark and foggy more or less all day; and the evening also foggy, and mild.		
Su. 17.	-40 -33	SW. 1. SW. 1. SE. 1.	40 41 44	Very foggy morning, but clearer after 11, bright at times. After 3 again foggy, dark & thick.	♂ ♂ H	
M. 18.	-17 -01	S. 3. SW. 3. SW. 4.5.	38 42 47	Cloudy & red sky at 8 moon 1 st Dr a.m., gloomy day, clouds flying, and brisk wind. Stormy atmosphere, blowing till 10 pm, then less wind.		
Tu. 19.	-00 -00	SW. 1. WSW. 1. SW. 1.	44 48 49	Very mild, & cloudy in the morning, clearer after 10 am; sun at times, mild & very fine P.M. streaks of red cloud at set.	* ♀ H	
W. 20.	29.96 -44	S. 2. S. 6. SSW. 3. W. 6.	3 1/2 38 45	Heavy showers very early A.M. And from noon, very wet and stormy wind. Cleared at 3 pm but the evening blowing & stormy.		25 10
Th. 21.	-74 -88	SW. 3. WSW. 3. SW. 1.	35 36 41	Clear and bleak morning, hazy and cloudy after 10 am; very gloomy afternoon, little wet at times. Thick evening.		01
42164			2725316	Mean Temp 42.03. Rain can. over '66		

588.5 = 3° above Average.

December 1871.

Dec.	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes.	Rain.
			Min.	8 am Max.			
F. 22.	29.89 30.03	W ₁ W ₁ W ₁	36 39 45		Mild and foggy morning, clearer from 10 a.m. grey clouds, & gleams of sun. very cloudy & thick from 2 p.m. Rain in the night.		0.66 07
S. 23.	-18 -22	Var. 0. S E 0. S E 2	38 39 42		Very cloudy and calm, or gloomy and damp. Day, but fine. Clearer & more wind after 4 p.m. Fine night.		
Sa. 24.	-18 -11	SW ₁ SSW ₂ S 3. 4.	36 38 42		Clear morning, and mild for the season, continued fine with sun, and grey clouds. Red streaked sky at 10 set, & more wind.		
M. 25.	-04 29.95	SSW ₄ S 3. S 2.	34 38 43		Cloudy, & wind gusty all the morning, clouds and little sun during the day. Rainy evening after 7 p.m. - Clearer night.		13
Tu. 26.	-88 -83	S 2. S 3. SSW ₄ & 3.	39 43 45		Overcast, gentle rain at times, very gloomy and damp. Drizzling 9.35 p.m. Evening, and more wind. * ♀♀ Night fine & mild breeze.	Full moon	01
W. 27.	-68 -65	SSW ₂ SW ₅ SW ₂	43 46 48		Very mild with clouds, and sun, and gentle wind, but the afternoon gusty at times. Even clear & less wind.		
Th. 28.	-64 -60	SSE ₄ S 5. S 4.	36 44 46		Overcast and blustering morning, and a blowing and cloudy day. The evening & night mild, and less wind.		
418.88			262311		Mean Temp 40.92 Rain ear up .87		
573 = 2° above Average.							

December 1871.

Dec.	Baro. meter	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain.
F. 29.	29.69 -93	S. ₂ SW. ₂ WSW. ₁	40 43 45	Cloudy and mild morning, cleared up at 11 am, & a bright afternoon. Early & night clear & frosty.		0.87
S. 30.	-92 -82	S. ₃ SSW. ₄ SW. ₂	32 38 45	Little frost early, then cloudy and hazy, with a squally wind. Little rain in the evening, but the night finer.		08
Su. 31.	30.01 -22	SW. ₃ SW. ₄ SW. ₁	34 36 41	Clear morning, and very bright day, with a brisk and cold wind. Less wind after 2 pm. Clear evening.		
179.59		106131		Mean Temp 3 days 39.5 Rain 0.95		

Barometer.

Highest on the 8th & 13th 30.50.
Lowest on the 20th 29.44
Range = 1.06
Mean of Month 30.12

Gales on 2 Days.

Thermometer.

Highest on the 19th 49°
Lowest on the 8th -7°
Range = 42°
Mean daily range 8° 69.
Mean of month 36° 75.
2 1/4° below Average.

Prevailing winds the SW: but much other division.
Fine days 22. Rain fall 0.95 Inch only.

The first 12 days of this month were severe winter-weather, afterwards moderately mild, and very little snowfall. The public health an Average, -excepting in the very large Towns which had small-pox by being imported from abroad. Ipswich was free, and but few deaths from other causes there.

Summary of 1871.

A very cold January, Mild February on the whole; a warm March; unsettled April and May: cool and showery June, and part of July. Fine and very hot August, and part of September. A medium October, and cold November and December.

Lowest Barom^r, January 16th — 29.07.

Highest Ditto, March 1st — 30.57.

Hottest Day, Sunday Aug^r 13th Therm[°] 88°.

Coldest Day — Dec^r 8th — Therm[°] — 7°!

Total Rain-fall 29.06 Inches.

Fine days 241 in number.

Monthly Results for 1871.

1871.	Winds. -								Fine Gales Days	Mean Barom.	Mean Temp.	Mean Daily range	Rain. fall.	Therm.		
	E	W.	N	S.	NE	SE	NW	SW						Min	Max	
Jan ^r -	2	1	3	2	6½	6	3	7½	2	22	29.88	31.90	8.01	1.38	14	43
Feb ^r -	2	2	1	1	0	5	2	15	4	17	30.06	41.22	10.30	2.78	22	57
March -	2	2	1	4	1½	8	4	8½	1	23	30.11	44.60	17.66	0.87	28	66½
April -	5	7	0	2½	1½	3½	3½	7	1	13	29.91	47.92	16.55	5.21	24	65
May -	1½	4½	3½	1½	5½	6½	5½	2½	1	22	30.18	53.07	20.56	1.38	35	75
June -	1	1	3	2	7	5½	6½	4	1	17	30.03	56.45	16.06	3.55	40	81
July -	0	5	0	7	0	2	2	15	0	15	29.98	62.80	17.27	3.74	47	81
Aug ^r -	3	5	0	2	1	11	1	8	2	28	30.15	65.61	21.19	1.43	48	88
Sept ^r -	4½	5	2	1	5½	8	2	2	1	17	30.01	58.45	14.50	4.83	39	79
Oct ^r -	1	5	0	5	1	8	4	7	0	26	30.05	49.35	15.35	1.86	31½	64
Nov ^r -	3	5	2	3	5	5	6	1	1	19	30.05	37.61	10.53	1.58	22	51
Dec ^r -	0	4	1	5	0	1	7	13	2	22	30.12	36.75	8.69	0.95	7	49
1871.	25	46½	16½	36	34½	69½	46½	90½	16	241	30.04	48.81	14.72	29.06	7	88

From the above Table it appears that the SW and SE winds were the most prevalent in 1871; the rain-fall 6 Inches above Average, and the mean temperature rather below Average. In general respects however, it was a year of medium character.

Conclusive Notes on the Year 1871.

1. Although a cold January in 1871, yet on the 16th some sharp thunder-storms occurred.
2. The beginning and last week of March were warm and summerlike.
3. April was remarkably wet with some very great thunder-storms.
4. June was often wet, and cold for the season, with violent thunder-storms.
5. August was a very hot and dry month and part of September similar.
6. November 9th to December 12th severely cold and winterly.

Olando Christcraft

Decr 31. 1871.

January 1872.

Jan'y.	Baro- meter.	Wind.	Thermom.		Weather, &c.	Notes.	Rain.
			Min.	8 ^{a.m.} Max.			
M. 1.	30.19	S ₃ .	30		Red & hazy morn'g, fine day, but hazy, with partial sunshine, and a cold gusty wind. Blowing all evening, & part of the night.		
		S ₅ .		35			
	-.03	S ₅ .		41			
Tu. 2.	29.91	S ₂ .	36		Cloudy, little rain early, and the wind much abated.		.05
		SSW ₁ .		39	Cloudy and thick most of the day. Clearer evening and night fine.		
	-.90	SW ₁ .		43			
W. 3.	-.95	SW ₁ .	31		Clear, little frost A.M., moon lush & bright, and cheering day, 9.59 pm. some blue haze at times, and light clouds after 3 pm. Wind rose after 10 pm.		
		SW ₂ .		33			
	-.93	S ₁ .		43			
Th. 4.	-.50	SSW ₆ .	34		Strong gales & rain early A.M., finer after 9 am: became very bright from 11 am. & all the afternoon. Stormy & blowing hard all night.	Blowing weather.	.20
		SW ₄ .		43			
	-.58	SW ₃ .		45			
F. 5.	-.05	SW ₇ .	39		Heavy gales SW all the morning till 6 am, and some rain. Finer and clearer with less wind in the day, but did not showers passing round. Blowing night.		.18
		WSW ₄ .		52½			
	-.28	WSW ₂ .		52½			
		5. 6. .					
S. 6.	-.64	SW ₂ .	35		Stormy with rain till 1 am, then finer & less wind, but a lowering morn'g. Sharp thunder-storm & hail 2 pm, after-wards a fine evening and night, and but little wind.	Severe Thunder Storm & hail.	.22
		S ₂ .		35			
	-.63	WSW ₄ .		44½			
		SW ₁ .					
Su. 7.	-.67	SSW ₁ .	32½		Slight frost early A.M., cloudy & little rain at 8, 9 am, continued cloudy till 3 pm, then cleared off: but the evening hazy, & windy night.		.02
		SW ₁ .		35			
	-.58	S ₁ .		40			
41584			2375	309	Mean Temp 39°.03.	Rain far over .74	
			5465		4.03 above Average.		

January 1872.

Lang.	Baro.	Wind.	Thermom.			Weather, &c.	Notes.	Rain.
	meter		Min.	8 am	Max.			
M. 8.	29.35	SW ₁ W ₂ W ₁	34		38	Blowing and wet at 1 am. fine day, sun and cloud, with a raw & cold air. Fine night and slight frost. but some clouds.		0.74
	-45							10
Tu. 9.	-50	WNW ₃ NW ₃ NW ₁	32		35	Bright, and little frost, early. Cloudy & clear by turns all day, but from 2 pm some snow, & rain. Even clear & less wind.	Little snow, & rain pm.	
	-83	8-0.-			37			02
W. 10.	30.12	N ₀ SSE ₁ SSE ₁	31		39	Little frost, calm, & light grey clouds; fine day, and mostly bright, with some clouds. Hazy even, and lowering for rain.	new moon 2.58 pm.	
	-75							
Th. 11.	29.91	SSE ₄ S ₂ WSW ₁	33		46	Foggy and wet morn, finer after 1 pm, fog till 3, then clearer with a red sky at sunset. Fine & calm evening, fog below.		21
	-73							
F. 12.	30.12	SW ₁ SW ₁ SW ₁	32		44	Hazy with grey clouds, and sun at times, on the whole mild and very fine. Calm even, and partially clear upward.		
	-21							
S. 13.	-08	S ₃ S ₄ SSW ₅	37		50	Mild and breezy, with a little rain at times. More wind after 5 pm & very rainy evening, but the night finer.		16
	29.79							
Su 14.	-87	SW ₂ SW ₃ W ₂	39		46	Clear morn, and continued bright, till after 3 pm, then some clouds squally even, and some rain during the night.		01
	30.05							
41836			238	300	Mean Temp 38° 43 Rain 6.24			
			538	= 3° 43 above Average.				

January 1872.

Lang.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c	Notes.	Rain. 1.24
M. 15.	30.07 -03	SE ₀ Var. ₀ SE ₀	27 1/2 27 1/2 38	Clear & frost in the morn, continued bright, and calm, till near sunset, then some hazy cirri, and the evening hazy, & little frost.	8 40	
Tu. 16.	-04 29.99	S ₁ SSE ₁ S ₂	30 36 40	Cloudy morn, clearer after 11, but hazy, & but little sun. Little more wind in the evening, but the night chiefly fine.		
W. 17.	-77 -37	S ₄ S ₅ S ₆	33 40 46	Overcast & rain at times, moon 1 st Dr very squally, and the eve. 0.2 pm. being very wet, & blowing hard. Finer night, but continued blowing.		22
Th. 18.	-17 -30	SSW ₂ SSW ₂ SW ₂	42 44 45	Fine & bright morn, and the whole day the same, and wind very much less. Clear moonlight evening, and fine night.		
F. 19.	-50 -59	S ₁ S ₂ S ₀	33 36 44	Bright with seeds at times, rather bleak, and raw atmosphere. Very hazy after 3 pm, and fog in the night.	8 H 0	
S. 20.	-62 -69	NE ₁ Var. ₁ NW ₀	36 40 43	Rain early AM. Foggy morn, and more or less so all day. Calm night and rather foggy, but fine.		05
Su. 21.	-80 -81	E ₀ NE ₀ E ₁	36 39 41	Cloudy, calm, and foggy, the same all day, and a raw air. Clearer evening, fleecy clouds, and bright moon-light.		
41575				2375 297	Mean Temp 38° 17 Rain cal. over 1.51	
				5345	= 3° 17 above Average.	

January 1872.

Jan th	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes	Rain
			Min.	Max.			
M. 22	29.73	E ₁ ESE ₂ SE ₄	33½	35	Hazy & red East at sun-rise then partially bright, with light clouds. More hazy & cloudy from 11 a.m., squally evening, and rain at times.		1.51
Tu. 23	29.25	SE ₄ SSE ₆ S ₃ S ₂	40	44	Blustering and cloudy, with some rain at times, till 2 p.m., then clearer, and fine with less wind, but becomes stormy during night, and much rain after 11 p.m.		11
W. 24	28.62	S ₆ SSW ₇ SW ₇ SW ₄	38	48	Much rain & heavy gales early A.M. Finer after 6, but the gale violent till near 12 noon. Bright afternoon, & wind freshened. Evening and night fine & in part clear.	Floods in the vale.	42
Th. 25	29.07	SSE ₄ SSE ₃ SSE ₂	40	43	Squally wind & cloudy morning, mostly the same all day, but wind less, & a little sun. Some rain after 4 p.m., but a finer night.	Full moon 5.14 p.m.	
F. 26	29.38	SW ₁ S ₁ S ₁	40	43	Clouds and sun, mild and more calm, but a stormy looking sky. Electric clouds & some rain in the evening, and heavy at 10 p.m.		28
S. 27	29.80	E ₁ NE ₁ N ₁ N ₁	41	43	Overcast and foggy more or less, nearly the same all day, but chiefly fine, and clearer towards evening for a short time.	Floods repeated.	27
Su. 28	30.07	W ₀ W ₁ W ₁	41	43	Overcast, calm, and damp the same throughout the day, but chiefly fine. The evening rather clearer, and a fine night.		
412.62			27.35	32.0	Mean Temp 42° 39. Rain cal up 2.52		
			59.35		7.39 above Average.		

January 1872.

Jan th	Baro. meter	Wind.	Thermom.		Weather, &c.	Notes	Rain
			Min.	Max.			
M. 29	30.10	S ₃ S ₄ SSW ₃	36	42	Hazy & red morning, cloudy forenoon, overcast, and rainy afternoon, but finer after 5 p.m. Closer night, and brisk wind.	8 & 9 h	2.52
Tu. 30	29.94	SW ₁ SSW ₂ S ₂	43	48	Close and hazy, very mild and calm, with a thick air. Rather clearer about 3 p.m., and some part of the evening. Fine night.		15
W. 31	29.97	S ₃ S ₂ S ₂	38	41	Red streaked sky at O rise, fine & bright forenoon, and continued so all day. Evening clear & blustering.		
179.81			117	146	Mean Temp 3 Days 43° 83. Rain 2.67		

Barometer.

Highest on 12th — 30.21.
Lowest on 24th — 28.62!
Range = 1.59
Mean of Month 29.71.

Gales on 5 Days.

Prevailing winds. SW, S, and SE.

Fine Days 14. Rainfall 2.67 - Inches.

Thermometer.

Highest on 5th — 52° 5'
Lowest on 15th — 27° 5'
Range = 25°
Mean daily range = 8° 66'
Mean of Month = 39° 91'.

Nearly 5° above Average!

Relative to the Public Health, it may here be said that although it was in many populous towns bad from the importation of Small Pox to the Ports, and by inland distribution by Rail-ways, yet there was no great prevalence of general sickness, beyond that propagated as above; and as mild months are most healthy.

General Report for January 1872.

This was a month of very remarkable Phenomena, only 7 frosty mornings, and those were but triflingly so. A very little snow on one day only, and on the whole a monotony of cloudiness, and mildness. Rain was frequent, but seldom great at one time, except on the 24th; and a notable prevalence of southerly wind more than two thirds of the month! And above all a great degree of electric commotion, beyond anything before recorded in January. The great Thunder-storms of the beginning of the month, set in on the 4th in the NW. counties, and the Church of Crumpsall, near Manchester was destroyed by the lightning. A man also struck dead at Sheffield; and some Earthquake shocks were felt in that district. — On the next day the storm visited Essex, and on the 6th it came over Suffolk and Norfolk, with unusual violence, and the lightning struck and destroyed a large set of farm buildings at Mendlesham, and shattered several trees in both the last named Counties. — Public health was altogether bad, and many large towns suffered awfully with Small-Pox, Norwich for its size, more than any! Aconites and Snowdrops bloomed numerously, and but for the frequent gloom and dampness it was a Spring-dawn month, and the mildest January for some years past. —

February 1872.

Feb.	Barom etc.	Wind.	Thermom.			Weather, &c.	Notes.	Rain.
			Min.	8 am	Max.			
Th. 1.	29.82	S 3.	37			Very red sky at rise, chiefly hazy & but little sun, but a fine drying day. Hazy night, & the wind again brisker.		
		S 3		42				
	—80	S 2. & 4.			47½			
F. 2.	—70	S 2.	42			Mild and hazy, light moon last 2 or 3 clouds, and little sun. 10.10 am.		
		S 1.		45		Darker rocky clouds at set, and a red sky.		
	—91	S 1.			51	Some fog in the night.		
S. 3.	30.03	S 1.	36			Very foggy morning, and a cloudy and thick day. Evening the same, but chiefly fine. Breezy night.		
		S 2.		36				
	—03	S 3.			44			
Su. 4.	29.95	S 2.	39			Cloudy, rain at times; close and moist air, fine afternoon, but more overcast & drizzling after 4 pm. Aurora very red 8 pm.	Aurora borealis very red all evening.	05
		S 2.		43				
	—94	S 2.			46½			
M. 5.	—85	S E 3.	40			Cloudy and blustering morning, and chiefly the same all day, but wind abating P.M. Some rain in the evening. — Mild night.		02
		S E 4.		43				
	—85	S 2.			47			
Tu. 6.	—82	S 2.	44			Very mild & cloudy morning. — Close day, and very pleasant, yet but little sun. Evening, and night also cloudy. —		
		S 2.		47				
	—91	S 1.			52			
W. 7.	30.03	S SW 4.	43			Clouds and sun, with a brisk wind. Very bright from 10 am, mild and pleasant, and less wind. Fine & calm evening. —		
		SW 2.		47				
	—10	SW 1.			52			
		S E 0.						
418.74			281	340	Mean Temp 44° 35' Rain 2.00			
			621	= 7.35 above Average.				

February 1872.

Feb. 8.	Baro. meter	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain.
Th. 8.	30.02 -08	S ₁ S ₂ S ₁	43 47 53		Some rain during the past night, close & foggy, then at times very bright, & warm. Colder evens & night.	.07 -13.
F. 9.	-05 -04	S E ₂ S ₂ S ₁	33 35 52		Fog & slight frost, in new moon the morn'g, continued, 1.52 a.m. foggy till 11, then bright and mild, P.M. Hazy clouds in the even'g.	
S. 10.	-02 -05	S ₁ S ₁ S E ₂	41 44 53		Bright with slight haze, and a few light clouds, mild, pleasant and drying day. Fine but hazy night.	
Su. 11.	29.99 -90	S E ₃ S E ₃ S E ₂	41 43 50		Red morn'g, & hazy sky, with a drying wind. Very fine, but looking stormy. Evens cloudy, and less wind.	
M. 12.	-83 -80	S E ₃ S E ₃ S E ₂	38 41 47		Bright with bleak wind, and slight haziness at times. Very drying day. Some clouds in the even'g, and closer night.	
Tu. 13.	-89 -92	S ₂ S E ₂ S E ₂	42 44 49		Foggy morn'g; bright and mild forenoon; cloudy afternoon, and evens and inclined again to be foggy, but fine.	
W. 14.	-87 -87	S E ₁ S E ₁ S E ₀	41 43 46		Cloudy and thick, with a gentle wind, nearly calm, and a damp air. Evens & night foggy but fine.	

41933 279350 Mean Temp 44.92. Rain 2.49 .20

629 = Nearly 8° above Average.

February 1872.

Feb. 15.	Baro. meter	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain.
Th. 15.	29.82 -78	E ₂ E ₂ E ₂	38 41 47		Foggy morn'g, chiefly bright from 10 till 1 p.m. then clouds at times, & became very cloudy with a colder wind. Rain 7 p.m.	.20 .05
F. 16.	-78 -82	NW ₂ NW ₃ W ₁	36 37 39		Overcast damp, & gloomy noon 1 st Dr. with a colder air than 6.24 a.m. for long frost. A short shower at 9 1/2 p.m. then a fine night.	.04
S. 17.	-84 -89	SW ₁ SW ₃ SW ₂	33 36 48		Bright morn'g, and very fine and bright day, and much warmer P.M. Fine evens, & close night.	
Su. 18.	-83 -81	SSW ₃ S ₂ S ₂	41 46 48 1/2		Cloudy & brisk wind, lowering & light rain at intervals; less wind & finer after 3 p.m., cloudy, and mild. Fine night.	.03
M. 19.	-80 -90	S ₁ SSW ₂ SW ₂ 1.4.3	39 42 52		Clouds and sun, fine and mild, with a fresh breeze at intervals. Red sky at sun-set, & serene evens, and night.	Crocus in bloom.
Tu. 20.	-93 -97	SW ₁ SW ₃ SW ₁	34 37 50		Clear, bright morn'g, & 4 D and a fine, drying, and sunny day. Some small detached electric clouds at evens in the west.	
W. 21.	30.02 -73	SW ₂ WSW ₄ W ₁	32 1/2 36 49		Little frosty early A.M. & H.D. day chiefly fine & bright with rocky clouds, and distant showers. Evens clear & wind all gone.	

41832 25353335 Mean Temp 41.92. Rain 2.49 .32

587 = Nearly 4° above Average.

February 1872.

Feb. 7.	Baro. meter	Wind.	Thermom. min.	8 am	Max.	Weather, &c.	Notes.	Rain.
Th. 22.	30.20 -09	S ₁ SSW ₃ S ₂	31	36	51	Frost early AM. hazy & wind back to S. again. chiefly bright all the forenoon, & much warmer hazy all PM.		0.32
F. 23.	29.91 -83	S ₂ S ₁ SW ₁	41	44	48	Very hazy, close and mild morn'g, light rain at times after 9, but finer after noon. Distant Thunder Westward.	Thunder in W. all pm.	0.03
S. 24.	-74 -67	SE ₂ SE ₂ SE ₁	36	44	49	Cloudy & hazy morn'g. Full moon damp and inclined to rain at times. Very close & mild. even'g, and night.	10.56 am.	
Su. 25.	-65 -63	S ₂ W ₃ SE ₁	46	50	54	Very mild, and fine till noon, then showery and unsettled. But fine and clearer after 2 pm. Bright moon ev'g.		0.05
M. 26.	-62 -74	Var. ₁ NE ₂ NE ₃	34	37	47	Very foggy till 10, then clearer till near noon, cloudy & rain PM, in light drifts only. Even'g & night finer.		0.04
Tu. 27.	30.13 -26	NW ₁ NE _{1/2} NE ₀	34 1/2	37	45	Clouds and sun, very fine day, gentle wind and drying fast, but a colder air. Calm even'g, & partly clear.		
W. 28.	-20 -07	S _{1/2} SSW ₁ S ₂	32	38	45	Hazy and cloudy, but again milder since the dawn. Clearer PM, & continued fine all the even'g & night.		
Th. 29.	29.84 -71	SSW ₃ SW ₅ SW ₃	33	46	54	Cloudy & suddenly warmer early AM. Windy gusty all day, cloudy, mild, & few rain-drops.		0.02
47829			2875	393		(Mean Temp 42.53.)	Rain - 0.46	
			680.5			5 1/2° above Average.		

Results for February 1872.

Barometer.

Highest on the 27th - 30.26
Lowest on 26th - 29.62
Range = 0.64
Mean of month 29.90

Partial gale on 29th only.

Prevailing winds the S, SW, and SE.
Fine days 20. - Rain-fall 46 of an Inch only.

Thermometer.

Highest on 25th & 29th 54° -
Lowest on 22nd am. 31° -
Range = 23° -
Mean daily range 10° 53.
Mean of month = 43° 43.

About 6 1/2° above Average.

This month was remarkable for its constant mildness, and being almost without rain or frost, and totally exempt from snow! Yet there was a great prevalence of cloudy, damp, and gloomy skies, but vegetation went on, and the March flowers, Primroses, Violets, and Crocus tribes, with Pansies also, all bloomed in profusion during this month; butterflies appeared, and birds sang, built nests, and commenced laying their eggs! Public Health was at a medium, except where Small pox had been imported from abroad to some of the large towns, and then increased by infection and contagion to a serious extent, as in Norwich especially for its size, which is below that of some others, yet larger than many.

March 1872.

March	Baro- meter	Wind	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
F. 1.	29.75 -90	SW ₂ SW ₂ SW ₁	49 52 57	Very mild air, fine morning, grey clouds and sun: and a warm, pleasant day. Distant thunder in NW - 6 pm. Shower 9 pm. (Thunder.		.04
S. 2.	30.16 -24	SE ₁ SE ₂ SE ₁	42 47 50	Close morning, and some moon what cloudy all day, & last Dr but little sun. Foggy evening, and close night, but fine.	7.28 pm.	
Su. 3.	-32 -36	S ₂ SW ₁ SW ₂	46 51 57	Very close morning, and rather foggy, fine and warm day, but hazy with grey clouds, & little sun. Brighter after 3 pm.		
M. 4.	-34 -28	S ₁ SE ₂ SE ₁	41 46 58	Very foggy till after 9 am, then very bright and warm all day. Evening and night chiefly clear.		
Tu. 5.	-19 -14	SSE ₂ SSE ₃ S ₀	38 46 57½	Bright dewy morning, and very bright all day, but more wind. Sun set clear, & the wind nearly gone.		
W. 6.	-07 29.87	S ₁ SE ₃ SE ₀	37 45 57½	Clear, & heavy dew. Very bright, and warm day, with a drying breeze. but a calm evening, and night.		
Th. 7.	-67 -60	E ₀ SE ₂ SE ₃ 2.1.	36 42 56	Clear & great dew, very bright and warm day, but a cooling wind. Became cloudy after 3 pm. and very cloudy night.		
420.89		289.393		Mean Temp 48.71. Rain 2. up. .04		
682				6¾ above Average.		

March 1872.

March	Baro- meter	Wind	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
F. 8.	29.60 -71	S ₂ S ₂₋₄ S ₂	46 50 57	Clouds & sun, very warm and pleasant, growing day: but stormy looking. Some red clouds at sunset. Clear night.		.04
S. 9.	-90 30.73	S ₁ WSW ₂ W ₃	40 44 53	Clear, calm, & dewy morning. Clouds & sun after 0.53 pm. 10 am, but fine drying weather. Clear sunset, and fine evening.		
Su. 10.	-32 -36	NW ₁ NW ₁ NW ₁	27½ 34 50½	Keen frost early, bright morning, and chiefly bright all the day, some light clouds, & cold air. Clear and frosty night.	8 & 9	
M. 11.	-35 -31	SE ₁ SE ₁ SE ₂	30 36 52	Keen frost early but less, and a fine sunny day. Slightly hazy after 3 pm, but a fine evening.		
Tu. 12.	-23 -11	S ₁ SE ₂ SE ₂ 1 & 0.	30 40 52½	Frost early, hazy but some sun, and brisk wind after 9 am, and mostly bright. Evening rather cloudy.		
W. 13.	-05 29.94	W ₁ W ₂ W ₁	35 43 54	Slight shower early AM. bright from before, rise, and all the day, with some cumuli clouds at times: fine & pleasant PM.		.03
Th. 14.	-70 -61	SSE ₁ SSE ₃ SE ₂ 5.1.	30 40 53	Frost early AM, and some fog, clearer after 8, bright with many clouds, and more wind. Evenings hazy. Night clearer.		
420.32		238.372		Mean Temp 43.60. Rain 2. over. .07		
610.5				1½ above Average.		

March 1872.

March	Baro. meter	Wind.	Thermometer Min. 8 Max.	Weather, &c.	Notes.	Rain. in.
F. 15.	29.72 -90	SE ₁ SE ₂ SE ₁	36½ 45 59	Fog early AM, cleared at 8 am, very fine, bright, warm, & pleasant day. Hazy in the west at sun- set. Fine night.		
S. 16.	30.00 -03	S ₁ SW ₂ SW ₃ 2. & 1.	42 48 58½	Bright & mild morning some clouds & wind at 8 am: mild fine, & cloudy more or less, but sunny at 3 & 4 pm.		
Su 17.	-12 -03	S ₂ SW ₂ SW ₂	38 49 59	Mild, fine, pleasant moon 1 st & and drying day, cloudy 2. 25 am. & some sun. Even, ha- zy, some fog & very mild. Squally night.		
M. 18.	29.90 -76	WSW ₃ WSW ₅ W ₆ 5. & 4.	41 44 50	Heavy storms of rain and gusts of wind at 1.30 am. fine morning, & chiefly so. Little all day. Wind squally hail pm. but mostly bright. Evening rainy.	30 07	
Tu. 19.	-86 -99	N ₄ NNW ₅ NW ₄ 3.	39 42 47	Squally, flying clouds & 40 and sun, with heavy light showers of hail and rain, but heavy much after 3 pm. Unsettled hail pm. all the night.	04	
W. 20.	30.01 29.90	NW ₃ NW ₂ NW ₂	34 37 43	Storms of hail & snow and sun at times, and some rain with the showers. Finer evening & less wind. Frosty night.	05	
Th. 21.	-80 -78	NW ₁ NW ₃ NNE ₁	25½ 32 42	Sharp frost in the morning, clouds and sun with showers of hail at times. Finer after 3 pm. but snow in the night.	01	
418.80				256.3585	Mean Temp 43°75	Rain 2. up 54
				612°5 = 1¼ above Average.		

March 1872.

March	Baro. meter	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain. in.
F. 22.	29.74 -82	NW ₂ N ₂ E ₂	26 33 41	Snow at times & keen frost early; frequent hail, & sleet in the day, and sun between. — Cumulostrati on W horizon at sun-set. hail & thunder in the night.	Hail & thunder night.	05
S. 23.	-92 -90	Var. 1 E ₂ E ₁	30 35 45	Hail & loud thunder early AM: — some sleet also, and during the day, but most- ly bright & milder. — Changeable night. —	Thunder AM.	07
Su. 24.	-82 -78	E ₁ NE ₂ NE ₂ 8 1.	31 35 42½	Heavy snow early AM, & 8 & 8 and at times till noon. finer pm, some sun, and thawing fast. Clear & calm evening. Frosty night.	8 & 8 snow.	0
M. 25.	-69 -62	Var. 0 NW ₂ NW ₁	27 34 45	Clear & frost AM. Conti- nued bright till 11, after- wards storms of sleet Evening finer, and the night less frosty than before.	Full moon 1.43 am.	x
Tu. 26.	-61 -68	W ₂ W ₃ WSW ₁	30 33 44	Little frost, and fine morning, with clouds, and sun. — Slight falls of sleet in the pm. — Fine & clear evening.		
W. 27.	-75 -63	SE ₂ SE ₄ SSW ₂ 8 6.	28 38 50	Frost early, hazy after 7 am, then clouds and sun, and wind squally, but warm- er: less wind again after 3 & cleared to SSW evening cloudy and mild. — wet night.	Rain & gale, at night.	18
Th. 28.	-48 -52	SW ₆ SW ₄ SW ₄	45 54 57	Galy and mild morning, very warm & breezy day, but chiefly cloudy with but little sun. Some flying rain after 2 pm, a coarse afternoon.		13
415.96				217.3245	Mean Temp 38°67	Rain 2. over 97
				541.5 = 3½ below Average.		

March 1872.

March	Baro. meter	Wind.	Thermom. min. 8 am. Max.	Weather, &c.	Notes.	Rain. 0.97
F. 29. <i>Good Fri. day.</i>	29.57 -50	SW ₂ . S _{2.3} . SW ₁ .	48.2 53 58	close and warm, but fine till noon, afterwards rain at times; and increased at 2 pm, till 4, but a fine sunny evening. Close night.		20
S. 30.	-50 -44	SW ₁ . S ₁ . SW ₁ .	48 52 58	Rain from 4 till 8 am. Close and cloudy day, rain again after 3 pm. and at times the rest of the day. Fine night.		23 12
Su. 31. <i>Easter day.</i>	-52 -68	SW ₂ . SW ₃ . SW ₁ .	46.2 51 57	Cloudy forenoon, but brighter at times in the afternoon, and very mild. Fine evening & sun shining.		
17721			143 173	Mean Temp 52.6	Rain 1.52	

Barometer.

Highest on 3rd & 10th = 30.36

Lowest on 30th = 29.44

Range = .92

Mean of Month 29.89

Gales on 3 days.

Thermometer.

Highest on 15th & 17th = 59°.

Lowest on 21st = 25.5°.

Range = 33.5°

Mean daily Range 15.72

Mean of Month 44.55

About 2½° above Average.

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

Fine days 16; Rain-fall 1.52 Inch.

This month was very fine and mostly warm to the 18th, then very stormy and colder to the 27th, afterwards again very warm, close, and showery to the end. All vegetation was very forward during the month, and but little checked by the changes at the Equinox.

APRIL * 1872.

April.	Baro. meter	Wind.	Thermom. min. 9 am. Max.	Weather, &c.	Notes.	Rain.
M. 1.	29.68 -61	SE ₁ . S ₁ . S ₁ .	38 48 58	Cloudy morn., and incl. to light rain, clear after 11, warm with sun and light clouds, distant thunder P.M., & heavy shower with hail. Wet evening.	moon last 20-2.31 am. wryneck piped. Thunder.	15 13
Tu. 2.	-58 -59	S ₁ . SSE ₂ . S ₁ . Var ₁ .	41 54 58	Close with clouds & sun. and a warm air; inclined to rain at times, and after 4 pm, gentle shower; and a wet night.		05 43
W. 3.	-68 -81	NW ₂ . NW ₃ . NW ₂ .	39 42 45	Much rain early A.M. and a cloudy & colder day, with a little wet at times. Clearer evening, & fine night.	Clouds on the valley.	
Th. 4.	-90 30.02	NW ₃ . NW ₃ . SW ₁ .	32 42 47	Cloudy morn., and cold wind. Chiefly cloudy all day, little sun at times. Some rain at 4 pm. Fine night.		04
F. 5.	-33 -47	NE ₀ . NE ₂ . NE ₁ .	34 47 52	Clear, bright morn. till 9, then at times clouds, and sun alternately. Fine evening, and chiefly cloudy. Night the same.		
S. 6.	-51 -52	NE ₂ . NE ₂ . NE ₁ .	37 47 50	Cloudy more or less, but fine, and a drying air & very little gleams of sun. Cloudy evening, and but little wind.		
Su. 7.	-53 -43	S ₁ . SW ₂ . SW ₁ . & 2.	36 47 57	Clear and dewy morn., fine and pleasant day, chiefly bright with a gray haze. Cloudy evening, and night.		
420.66			257 3675	Mean Temp 44.60	Rain 2.00	

624.5 = 1¼° below Average.

APRIL * 1872.

April.	Baro. meters	Wind.	Thermom. min. 9. max.	Weather &c.	Notes.	Rain.
M. 8.	30.07 -13	SW ₄ W ₄ W ₃	46 54 60	Warm breeze, and rain early A.M. - Squally day, but warm, and little sun at times. Clearer from 3 pm. -	new moon 0.32 a.m.	1/4 0.80
Tu. 9.	-21 -33	NW ₃ NW ₃ NW ₁	3 1/2 49 52	Clear morn'g & brisk wind; afterwards cloudy with sun; drying day, but colder. - The evening bright. -		
W. 10.	-26 -21	SW ₁ SW ₁ SW ₁	34 53 64	Hazy morn'g, but soon bright & warm, and a lovely day. Evening rather hazy, but a fine night. -	☐ 4 ☉ ☐ 7 ☉	
Th. 11.	-20 -13	SW ₁ SSW ₂ S ₂	42 54 65 1/2	Fog early, bright from 8 am., and very warm, with light cirri clouds, and a bright evening and fine night. -		
F. 12.	29.98 -87	SE ₁ SE ₂ S ₁	42 1/2 59 69	Bright and very warm, and the afternoon hot, with a fresh breeze, and no cloud. Wind to W. at night. -		
S. 13.	30.21 -30	W ₃ NW ₂ W ₁ SE ₁	40 54 63	Bright, with small cumuli clouds, and a cooler breeze; but a warm afternoon. - Wind to SE, after 4 pm.		
Su. 14.	31 -27	W ₁ W ₂ W ₁	38 54 64 1/2	Hazy, but bright, fine and pleasant, with light cirri clouds. Hazy even'g, but the night clear. -		
42 2 48		280 438		Mean Temp 51° 28. Rain & up .94		
		718		5° Above Average.		

APRIL * 1872.

April.	Baro. meters	Wind	Thermom. min. 9. max.	Weather, &c.	Notes.	Rain. 0.94
M. 15.	30.20 -13	W ₂ WSW ₂ W ₂ W ₁	38 58 65½	Very bright, and warm moon 1 st 2 nd after day opened, with a fresh breeze. Some small electric clouds after 3 pm, and some mixed clouds in the evening. —	10.15 pm.	
Tu. 16.	-12 29.98	NW ₃ NW ₄ WNW ₅	40 53 60	Bright morn'g, & brisk air cloudy in part from 9 am. blustering & cooler, with sun & cloud, and a windy evening & night. —		
W. 17.	-87 -81	W ₃ NW ₄ NW ₃ & 2.	37 48 51½	Clear till 7 am, then clouds & sun, with blustering wind, and colder than of late. A flying shower at 5 pm. and rain during night.		01
Th. 18.	-80 -93	N ₂ N ₄ N ₂	39 48 52	Rain at times, early A.M. and frequent showers in the day, with hail, and sunny intervals. Evening rather finer. —	Hail & rain.	17 04
F. 19.	-95 -95	NW ₂ NW ₁ N ₁	35 48 51	Showers early, bright morning with rocky clouds. Some showers 10 pm, but chiefly finer & little sun. Evening mostly bright. —	Hail at times.	72 02
S. 20.	-85 -72	E ₁ E ₁ NE ₂	28 49 54	Keen frost early, continued bright with cumuli clouds and a cool air. More wind and clouds about 3½ m. evening brighter. Hazy night, & threatening sky. —		33
Su. 21.	-42 -31	NE ₅ NE ₄ E ₂ E ₂	38 44 52½	Very wet, and blowing strong till 11, finer about noon, but again raining in the P.M., but less wind. Fine after 2 pm, & some sun. Showers evening. —	(Much rain.)	55 10
418 04.		255 3865		Mean Temp 45° 82. Rain. cal over 1.95		
641.5 —, Rather below Average.						

APRIL * 1872.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.95
M. 22.	29.38 -42	SE ₂ SE ₃ SE ₁	40 51 54½	Clouds and sun, and very stormy looking sky, but fine, and the night also.		
Tu. 23.	46 -55	SSE ₂ SSE ₄ SSE ₃	42 54 59	Bright with flying clouds, but very windy at times. Even fine, and rather less wind. Night partly clear.	Full moon 1.37 pm. Cuckos more heard.	
W. 24.	-63 -73	S ₂ S ₃ S ₁	43 54 60	Bright with rocky cumuli clouds, and a brisk wind till 3 pm then a flying shower. Fine even & night.		02
Th. 25.	-89 -93	S ₂ S ₂ S ₁	41 57 61½	Bright with some clouds, a growing morning. a heavy shower at noon. Bright afternoon and evening. Cloudy night.	Lightning E. at 9.	04
F. 26.	-96 30.00	S ₂ SSW ₂ S ₃ SE ₃	44 57 63	Heavy rain 3 am, then fine, warm, & bright with a mixture of clouds. Cloudy evening. Thunder-shower S. 8 pm.	Thunder & lightning S.	27 04
S. 27.	29.93 -90	SE ₁ ESE ₂ SE ₁	47 61 68	Curled sky, and very warm, chiefly bright all day, and a fresh breeze. Hazy evening, and close night.		
Su. 28.	-91 30.12	S ₁ SW ₂ NW ₂ & 1.	51 58 66	Close & cloudy morning, bright with less clouds from 10 to 12 - then cloudy & cooler, & wind to NW. Little rain evening, but finer night.		02
416.81		30.8 43.2		Mean Temp 52° 85 Rain. 2.34		
740 = 6° above Average.						

APRIL * 1872.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather.	Notes.	Rain. 2.34
M. 29.	30.40 -47	WNW ₁ W ₂ W ₁ ESE ₁	39 58 67	Bright and warm day with some small cumuli clouds. Hazy evening and wind veered to ESE. - Fine night.		
Tu. 30.	-51 -51	ESE ₁ E ₂ E ₁	41 62 71	Bright, and hot, with a few light clouds, and a clear evening, and night.	moon last 2x 8. 21 am.	
12.189		80 138		Mean Temp 54° 5. Rain 2.34		

Barometer.

Highest on the 7th 30.53

Lowest on - 21st 29.31.

Range - 1.22

Mean of month 29.99.

Gales on 2 days.

Thermometer.

Highest on the 30th 71°

Lowest on 20th Am. 28°

Range - 43°

Mean daily range 19° 33

Mean of month 49° 03

2½° above Average.

Prevalent currents the NW, W, and S. -
Fine days 18, Rain-fall 2.34 inches.

This was a variable month, but on the whole, a good growing time, and vegetation forward.

The public health at an Average.
Many thunder-storms in several parts of England, on the 24, 25, & 26th, afterwards fine and hot to the end.

MAY * 1872.

May.	Baro. meter	Wind.	Thermom. min. 9. max.	Weather, &c.	Notes.	Rain.
W. 1.	30.45 -39	NE 1. E 1. ESE 1.	37 61 70	Clear & dewy morning, very bright, warm, and pleasant day, and a bright evening and night.	Haw. thorn in bloom.	
Th. 2.	-30 -27	SE 1. SE 2. SE 2.	36 64 74	Clear & much dew, splendid, bright, and hot day, but some elec- tric clouds at 4 pm, but a bright evening.		
F. 3.	-26 29.99	W 1. SW 2. SW 3.	47 64 67	Bright, with dappled morning sky, very hot till after 10, then cloudy, & hazy. but after 5 pm bright. Cloudy night.		
S. 4.	-74 -63	SW 4. SW 6. SW 3.	48 57 62	Squally & little rain early: bright after sunrise, day windy with flying clouds. less wind at evening.		.05
Su. 5.	-64 -72	SW 3. WSW 2. WSW 2.	49 58 61 1/2	Warm breeze, clouds and sun, followed by drifting showers. Afternoon finer, and the night also.	Shower & hail.	.14
M. 6.	-72 -63	SW 1. SW 2. SW 1.	41 55 59	Clouds & sun, with little flying showers at times, and heavy at 3 1/2 pm. Finer in the evening & night.	very showery with hail.	.20
Tu. 7.	-57 -32	SW 2. SW 3. SW 4.	47 55 60	Cloudy, & squally, & thunder storms 1 1/2 pm. & 3 1/2 pm. Sun at times but many showers. Night finer.	Thunder & hail.	.22 .73 .05
41883		30.54533		Mean Temp 54.17. Rain 0.79		
		758.5		1° above Average. cald up		

MAY * 1872.

May.	Baro. meter	Wind.	Thermom. min. 9. max.	Weather, &c.	Notes.	Rain. 0.79
W. 8.	29.57 -62	SW 3. WSW 2. W 2.	43 53 5 1/2	Clouds & sun, followed by a lingering shower from 10 to 11 am; & some hail. finer afternoon, & bright at times. Distant Thunder.	6 8 9 some hail.	.20
Th. 9.	-79 -97	NW 1. NW 1. Var 1. Var 0.	42 54 59	Little rain 3 am, very showery from 11 am, and more at a distance with thunder in West. (thunder. some rain during night.		.04 .12
F. 10.	30.15 -28	N 2. NNE 2. NNE 2.	40 52 55 1/2	Clouds & sun, with a very cool breeze. Some distant showers at 5 pm. Cold night. but chiefly fine.	Shower early. S.M.	.08
S. 11.	-21 -09	N 3. NW 2. NW 1.	35 48 55	Cold wind with showers and hail, and sun at times, but the afternoon bright & mostly fine. and fine night.	(some hail.	.02
Su. 12.	-04 -11	SE 1. E 2. ENE 2.	36 52 61	Fog till 7 am, then bright, with some clouds, more hazy P.M., but fine, and some sun. Evening cloud- y and cold. Rain at 7 1/2 & 8.		.07
M. 13.	29.90 -80	NE 4. NE 4. E 1.	42 49 51	Cloudy and blustering morning, rain from 8 am, more or less most of the day. Finer & more calm after 5 pm. Little rain again at 8.	(very wet.	.54 .04
Tu. 14.	9.5 30.02	SE 2. SE 3. SE 2.	45 57 6 1/2	Bright with flying clouds, and a brisk dry- ing wind at times. Fine evening & night, & less wind.		
41950		28.34005		Mean Temp 48.82. Rain 2.00 1.90		
		683.5		4 3/4° below Average.		

MAY * 1872.

May.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.90
W. 15.	29.92	NE. NE. Var. 1.	44 58 61	Bright morn'g, and a moon 1 st q. warmer air; chiefly fine in the day, with clouds & sun. Dark clouds and rain at 5 pm; then fine.		12
Th. 16.	29.95	S. SW. SW.	42 52 60	Cloudy close & dripping morn'g, till 11 am, then finer & some sun. Fine and calm even'g, the sun very red in haze.		06
F. 17.	29.78	SW. N. N.	42 50 53	Hazy & close morn'g, but cloudy & cooler after 8 am, very cloudy day, and even'g the same. Rainy from 6 pm.	SSO	
S. 18.	29.70	N. NE. NE.	42 44 47	Continual rain till near noon, then finer but cold & mostly very cloudy. Rain again at 8 and 9 pm.	Much rain.	58 09
Su. 19.	29.82	W. W. SE. SE.	36 55 61	Clear & chilly early in the morn'g, bright and pleasant day, with cu- muli clouds. Wind to SE after 3 pm. Fine night.		
M. 20.	29.94	SW. SE. SSE.	36 55 62	Bright morning, and a fine sunny day, with rocky cumuli, & a drying air, and a fine even'g, clear & set.		
Tu. 21.	29.95	SW. SW. SW.	45 58 65	Very fine and bright with some light clouds, warm and pleasant day, and very bright evening.		
41875		287409		Mean Temp 49° 71. Rain 2.75		
		696		— 4° below Average.		

MAY * 1872.

May.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 2.75
W. 22.	29.96	W. SW. SW. S.	40 59 65	Bright with cumuli clouds, & light breezes, pleasant and warm, but a distant thunder storm 52-3 1/2 pm; & one here at 5. (Thunder)	Full moon 11.8 pm.	10
Th. 23.	29.98	SW. SSW. S.	40 57 63	Clouds and sun, chief- ly fine & bright, but distant showers & some thunder. Even'g fine, with electric clouds. (Thunder)		
F. 24.	29.09	NW. Var. SE.	39 61 67	Day clear & dewy mor- ning, bright & warm till 1 pm, then cloudy & wind veered. The eve- ning bright.		
S. 25.	29.25	Var. Var. SE.	38 62 65 1/2	Bright with some elec- tric rocky clouds, and calm atmosphere till 3 pm, then a little wind and less sun. Close night.		
Su. 26.	29.41	W. W. W.	45 63 66 1/2	Light electric haze, and close morn'g, fine and warm day, but close- dy, and calm. Even'g the same, but the sun appeared before setting.		
M. 27.	29.42	W. W. W. SE.	52 66 74 1/2	Bright and hot, with some light clouds, and a soft breeze at times. Close and hazy night but very fine.		
Tu. 28.	29.38	W. W. W.	50 65 72	Hazy and close morn'g, very fine and hot day, with clouds and sun. Even'g also hot & very fine, but rather hazy.		
42370		3044735		Mean Temp 55° 53. Rain 2.85		
		775.5		— 2 1/2° above Average.		

MAY * 1872.

May.	Baro meter	Wind.	Thermom. 9. am	More.	Weather, &c.	Notes.	Rain.
W. 29.	30.23	WSW ₂	52		Bright with light clouds, moon and hot. More wind after 2 pm, but very fine. The evening calm & electric. Little rain after midnight.		2.85
	-18	SW ₃ SW ₁ .	68 73				
Th. 30.	-14	SW ₁	54½		Gentle showers early; fine and hot day, rocky clouds and sun. The evening close and in part, cloudy but a very fine night. —		.05
	-73	SW ₂ W ₁ .	62 71				
F. 31.	-10	W ₂	49		Hazy, but bright in the morning, cloudy in the day, and inclined to rain in the evening; but clearer after 7 pm; and fine night.		
	-08	W ₂ WNW ₂ & 1.	64 68				
180.86			155.3	212	Mean Temp 3 days 61°.25.	Rain	2.90

Barometer.

Highest on the 1 st —	30.45
Lowest on 7 th —	29.52
Range —	0.93
Mean of Month =	<u>30.00</u>

Gale on the 4th day.

Prevailing winds S.W., S.E., W., & N.E. ---
Fine days 17. --- Rain-fall 2.90 Inches.

The first 3, and last 13 days were chiefly fine warm weather, but the middle of the month cool and rainy. Vegetation forward, and all trees in foliage. — Public Health not good, and Small-Pox prevailing in large towns. —

JUNE * 1872.

June	Baro. inches	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
S. 1.	30.13 -21	W ₃ . 41 W ₁ . 61 S E ₂ . 69		Clear & cool morn'g, and chiefly bright all day, with some small clouds, wind to SE, after 4 pm, and a hazy evening, — and cloudy night.		
Su. 2.	-05 29.93	S ₃ . 50 S ₃ . 52 S SW ₁ . 55		Cloudy & breezes brisk all the morn'g, some rain, and from 10 am, very rainy till after 3 pm. Clearer evening, and less wind, but a cloudy night.		'30
M. 3.	-90 -96	W ₁ . 51 W ₂ . 59 W ₁ . 67		Some rain early, but became fine as day opened. Bright and warm most of the day, but thunder in the N. & E. 4.45 pm. Cloudy evening.	(Thunder.	'08
Tu. 4.	30.01 -15	W ₁ . 45 S E ₂ . 63 Var. 1. 68		Clouds and sun, with thunder at a distance. a heavy shower here 3 pm, then again bright, most of the evening and clear & set.	(Thunder.	'14
W. 5.	-22 -13	W ₀ . 41 SW ₁ . 65 S ₂ . 7 1/2 S 1. -		Clear & much clear, continued very bright, till 10, then some clouds, but mostly bright, and a hot afternoon. Evening bright also.		
Th. 6.	-07 29.95	S ₁ . 51 S E ₄ . 5.9 S E ₂ . 69 SW ₁ . -		Hazy, cloudy & close morn'g. Bright about noon, but cloudy & windy P.M. some rain at 5 & 6, then fine & clearer.	new moon 3. 23 am.	'02
F. 7.	-88 -78	SW ₁ . 46 SW ₂ . 60 4. 62 S ₃ . -		Bright with cumuli clouds, but soon became unsettled and some showers, with squalls of wind 4 pm. and cool for the season.		'07
420.37		32.5 46.5		Mean Temp 56° 17. — Rain & over '61		
78° 5' — nearly 2° below Average. —						

JUNE * 1872.

June.	Baro. meter	Wind.	Thermomts. Min. 9. Max.	Weather, &c.	Notes.	Rain. 0.61
S. 8.	29.86	SSW ₂ SSW ₃ S ₄	45 57 58	Clouds and sun, but mostly cloudy, & inclined to rain at times; blustering afternoon, some rain, and stormy night.		
Su. 9.	-66	S ₃ S _{4.5} S ₄	51 58 62.2	Rain at times early a.m. after 9 bright intervals, but windy with frequent short showers. Evening bright & fine.		
M. 10.	-58	SW ₃ SW ₄ WSW ₃	48 56 63	Blustering & showery, with distant thunder in the afternoon, but very little rain here. Fine evening and night.		
Tu. 11.	-80	SW ₂ S ₁ SSE ₁	47 60 63	Fine morning, grey clouds, and sun, cloudy after 11, and some rain, increasing in the afternoon, but a finer evening & night.		
W. 12.	-90	W ₂ W ₂ SW ₁	47 62 66	Bright morning, but rather hazy & much curled clouds in zenith. More clouded after 1 pm, but brighter from 5 pm, all the evening.		
Th. 13.	-96	W ₂ W ₂ W ₁	55 65 72	Hazy & close morning, fine and hot day, with sun, and clouds; the evening chiefly bright, and very little wind.		
F. 14.	-73	W ₁ SE ₂ SE ₁	48 70 76	Clear & dewy morning, moon 1 st 2 nd very bright, and hot 7.19 am. from 8 am, and lovely evening. Sun set in grey haze.		
41786				Mean Temp. 57° 25. Rain. 1.03		

801.5 = Slightly below Average.

JUNE * 1872.

June.	Baro. meter	Wind.	Thermomts. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.03
S. 15.	30.23	SE ₁ S ₁ S ₀	51 71 78	Clear, very bright, and very hot, till after 1 pm then hazy, close & sultry. Even clear and extremely sultry.		
Su. 16.	-37	SW ₀ W ₁ W ₀	56 77 83	Very bright, and excessively hot, with some electric cumuli. Brilliant & very hot evening, and sultry night.	10 am 79 11 am 80 1 pm 83 8 pm 71	
M. 17.	-34	SE ₁ SE ₁ SE ₁	57 78 84	Very bright, & excessive heat, scarcely a cloud. Hazy about the horizon SW and W, in the evening very distant thunder.	10 am 80° noon 83° 2 pm 84° 8 pm 71°	Thunder
Tu. 18.	-78	SE ₁ SE ₂ SE ₁	57 75 81	Bright with electric haze, & distant thunder AM. Very hot & clear day, but more breezy. Evening also bright & less wind.	6 8 8 6 8 7	Thunder.
W. 19.	-05	E ₂ ESE ₃ SE ₄ S ₀	57.2 73 79	Bright and very hot, with a brisk wind to moderate it. Thick in SW, & thunder all pm. Showery evening, & much lightning & thunder. Close & rainy night.	much Thunder all pm Severe thunder near the evening.	27
Th. 20.	-03	W ₂ W ₁ W ₂ NW ₁	60 62 68	Very heavy rain at times all the morning, till near 9 am; then finer, but foggy and close. After 2 pm clearer and chiefly sun, and a bright evening.		33 20
F. 21.	-15	NW ₂ SSE ₂ SSW ₃ S ₄	56 70 75	Bright and very hot, with a very little wind. After 1 pm clouds & more wind. The evening breezy and cloudy.	Full moon 6.58 am.	
42262				Mean Temp. 67° 32. Rain. 2.03		

942.5 = 9° 32 - above Average!

JUNE * 1872.

June	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather &c.	Notes.	Rain. 1.83
S. 22.	30.04 -16	WSW ₄ W ₄ WSW ₂	53 65 69	Shower at 1 am, fine bright & warm morning. Brisk wind all day, sun- and clouds, less wind after 4 pm. Fine night.		.04
Su. 23.	-22 -15	W ₁ SW ₁ S ₁ SE ₁	49 69 74	Bright with some light clouds, and very hot from 8 after 9 am. The evening fine and chiefly bright. Fine night.		
M. 24.	-09 29.91	SE ₂ E ₃ SE ₃ S ₂	51 67 75	Hazy & mottled clouds all the morning passing from SW, against the wind below. Bright & hot P.M. Thunder, lightning & rain from 9 pm.	6 & 0 Thunder storm at night.	.20
Tu. 25.	-79 -77	S ₁ SSW ₂ S ₄ SSW ₄	61 69 74	Sultry morning, clouds, and sun. Bright and hot day, flying clouds, and brisk winds. Evening more clouded, & wind gusty, but less after 8 pm.	Thunder at 3 am.	
W. 26.	-91 -96	SW ₃ WSW ₃ SW ₂	54 65 68	Clouds and sun, with brisk wind. A flying shower of big drops at noon. Heavy showers & thunder P.M., and unsettled evening.	Thunder	.27 .12
Th. 27.	30.05 -06	W ₂ WSW ₃ WSW ₁ SW ₂	50 64 70	Cloudy with sun, some moon last night. Showers in the forenoon. Fine & warm afternoon. Cloudy evening and a close night, with some rain.	Dr. 6.58 am.	.08
F. 28.	29.88 -90	SW ₃ WSW ₅ WSW ₃ & 2.	55 62 69	Much rain early A.M. finer but very blustering in the forenoon. Fine & brighter P.M., and the wind much less. Fine night.		.38
419.89		3734.995		Mean Temp 62.32. Rain cur up 2.92.		
		872.5		4° above Average.		

JUNE * 1872.

June	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 2.92
S. 29.	30.01 -13	W ₃ W ₃ W ₀	50 63 70	Bright with light clouds, & a fresh breeze. Very bright, warm, and calm evening sun set clear. Very dewy night, & cooler in consequence.		
Su. 30.	-12 -04	SW ₂ S ₂ SSE ₂	46 67 75	Heavy dew, & clear morning, very bright and hot from 8 am. with small clouds; brilliant evening, & gentle breeze, but cloudy in the night.		
120.30		96.145		Mean 2 days 60.25. Rain - 2.92		

Barometer.

Highest on the 16th 30.39.

Lowest on 9th & 10th 29.58

Range = 0.81

Mean of Month 30.01

No gales this month.

Thermometer.

Highest on the 17th - 84° -

Lowest on 1st & 5th - 41° -

Range = 43° -

Mean daily range 19° 50.

Mean of month 60° 73.

2 ³/₄° above Average.

Prevailing winds N, SW, SE, and E.
Fine days 16. Rain-fall 2.92 Inches.

This was a very warm, and growing June, with a nice mixture of hot weather, and copious showers; the clover crop heavy, and much of it well got up. - Grass crops fair, and also fairly secured except in a few instances. Corn and pulser look well; and the public health was better than in previous months.

JULY * 1872.

July.	Baro. meter	Wind.	Thermomts.		Weather, &c.	Notes.	Rain.
			Min.	Max.			
S M. 1.	29.91 30.02	S ¹ . SW ¹ . W ³ . W ¹ .	56 63 69		Close morn'g, and mottled clouds, heavy rain from 8 to 9 a.m., & at 11 a.m., afterwards fine & at times bright. - Even'g fine, but night unsettled.		40
S Tu. 2.	-04 -15	SW ² . WSW ¹ . W ² . & 1.	55 63 73½		Showers early AM; - fine most of the day, hot & chiefly bright, rocky clouds & little shower at 1 p.m., then again bright, the even'g the same.		06
W. 3.	-23 -32	W ² . W ² . W ⁰ . S E ¹ .	49 67 75		Clear, and dewy morn'g, very bright and hot day, with some light clouds. Very bright & calm even'g, till 7 p.m.		
Th. 4.	-31 -33	W ¹ . W ¹ . W ⁰ .	55 71 80		Bright, and very hot, scarcely a cloud, and very little wind. Splendid even'g, calm, hot, and clear, and a closer night. -	11 a.m. 76° 2 p.m. 80° 6 p.m. 74°	
F. 5.	-28 -22	S E ^½ . SSE ² . S E ² . & 1.	58 77 85		Very bright, and exceedingly hot, a few light clouds p.m. More wind after 3 p.m., but very bright even'g, and pure sunset. -	new moon 6.25 p.m. 11 a.m. 83° 1 to 3 p.m. 85° 5 p.m. 80°	
S. 6.	-14 -09	Var. 0. S ¹ . W ¹ . S ² .	59 76 82		Very bright, and the heat excessive, till 1 p.m., then a thunder shower in west, afterwards bright, with a little breeze. - Close night & some electric clouds.	Thunder in west 1-2 p.m.	
Su. 7.	-02 29.93	S E ¹ . S E ³ . S E ¹ .	60 77 84		Bright and extremely hot, and yet a brisk wind at times. Light bank of cloud rising SW, and cloudy sultry even'g.	10 a.m. 80° 1 to 2 p.m. 84°	
42199			392	548.5	Mean Temp 67.17. Rain 2.46		
			940.5	4° above Average. -			

JULY * 1872.

[illegible]

JULY * 1872.

July.	Baro. meter	Wind.	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain. 2.64
M. 15.	29.96 30.02	NW ₂ NW ₃ NW ₁	55 59 61	cloudy & rain at times with a brisk wind, very gloomy & damp for the season, but cleared off to a bright sunset, and a clear night.		.73
Tu. 16.	-02 -01	NW ₁ W ₁ WSW ₀	47 67 75½	Clear and cool morning but a rapid increase of heat soon came on, and a very hot & bright day, and serene and warm evening, and night.	☽ ♀ ☉	
W. 17.	29.99 30.05	N ₀ N ₁ N ₁	56 59 63	Close & cloudy morning and the same all day, but fine, and the evening chiefly bright. Clear cool and dewy night.		
Th. 18.	-08 -11	SW ₁ SW ₂ SW ₀	44 65 72	Heavy dew, clear, and cool morning, but soon much warmer. Bright with some clouds, short shower 2 pm. Calm, hazy, & warm evening, and sultry night.		.02
F. 19.	-13 -20	SW ₀ W _½ W _½ E ₀	57 69 74	Sultry and hazy morning, and chiefly so till noon, bright & hot afternoon, with small cumuli. Bright & very warm evening.		
S. 20.	-22 -23	SE ₁ S ₂ S ₁	57 72 80	Fog till 7 am, then bright, very hot, gentle wind, and a few light clouds. Very bright and hot evening, and moonlight night.	Full moon 1.53 pm. sun set red & defined clearly.	
Sa. 21.	-22 -21	S _½ SE ₁ SE ₂ E _½	58 79 87	Very bright, and excessively hot, throughout the day. Sun set red & clearly defined as before. Clear & hot night.	8 am 74° 9½ am 80° noon 86° 1 pm 87° 4 pm 83°	
42145		3745125		Mean Temp 63° 32. Rain evap. 2.79 886.5 — About the Average.		

JULY * 1872.

July.	Baro. meter	Wind.	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain. 2.79
M. 22.	30.09 -01	SE ₁ SE ₁ SW ₃ 2 & 1.	63 79 86	Clear, very bright and excessively hot till 1 pm, then cloudy, & thunder S, passing off and a sultry afternoon. Dappled sky, & clear red sunset.	☽ ☉ 10½ am 82° noon 86° Thunder.	
Tu. 23.	-02 29.98	Var. ₀ W ₁ SE ₂ 1 & 0.	62 77 79	Fog early, dappled sky, and thunder in S, & SE, all AM. & again Eastward all PM. a shower here at noon. Sultry night & distant lightning.	Thunder distant all the day.	.72
W. 24.	30.01 -10	SE ₁ SE ₁ E ₀	64½ 78 84	Bright and excessively hot, with some clouds at times. Rocky clouds in W, at 7 pm. Much lightning SW, most of the night.	lightning night.	
Th. 25.	-09 -03	E ₁ ESE ₂ ESE ₂ all night	63½ 79 88	Sultry & hazy morning, but soon bright, & heat excessive all day. Distant thunder & lightning SW & W, after 8 pm. Very hot night.	10½ am 82° noon 86° 2 pm 88° 4 pm 85° 6½ pm 80° lightning at night.	
F. 26.	-02 -06	SE ₂ SE ₁ SE _½	67 82 89	Sultry breeze, & bright morning, most oppressive heat all day, & few clouds, but electric clouds came on 8 pm, and after midnight heavy thunder.	8 am 80° noon 87° 2 pm 89° 7 pm 80°	
S. 27.	-04 -15	SW ₄ Var. ₁ WSW ₂ 1 & 0.	62 73 80	Severe thunder storm till 3 am, wind squally & much rain. Fine & hot from 7 am, all day, and a calm, bright evening, and dewy night.	Moon last Dr 7.19 am.	.63
Su. 28.	-17 -12	SW ₁ SW ₂ S ₂ E ₁	60½ 77 81	Very bright morning, and the day very hot, and chiefly bright, with cumuli clouds, & some heavy clouds at 3 pm. Evening bright.		
42089		4425587		Mean Temp 73° 53. Rain evap. 3.54 1029.5 — 10 Deg. above Average!		

JULY * 1872.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 3.54
M. 29.	30.02	SW ₁ .	63		Gentle rain 4 1/2 am, close morning; from 8 am very hot and chiefly bright: but stormy clouds came on at 3 pm. Distant thunder NW. This evening cloudy.	03
	29.93	SW ₁ .	75			
		SSE ₁ .	80			
Tu. 30.	-84	Var. 2.	6 1/2		Shower from 3 am, and heavy rain from 6 till 7 am. fine & warm till 12, but a cool cloudy P.M. and some rain in the evening & night.	70
		NE ₂ .	65			03
	-94	NE ₃ .	70 1/2			05
W. 31.	-97	NW ₂ .	51		Some rain early, fine and bright with clouds from 5 am, all day, but much cooler, a pleasant change after the long hot time. The evening very bright.	07
	30.06	NW ₃ .	63			
		NW ₁ .	67			
	179.76		175.5	217.5	Mean Temp 3 days 65.5.	Rain 4.42

Barometer.
Highest on the 4th — 30.33.
Lowest on the 30th — 29.84.
Range — 0.49
Mean of Month — 30.06

No fairs this Month.

Thermometer.
Highest on the 26th — 89°!
Lowest on the 18th — 44°.
Range — 45°
Mean daily range — 18.79.
Mean of Month — 66.69!

More than 3° above Average!

Prevailing winds SE, SW, S, and W.

Fine days 19. — Rainfall 4.42 Inches, most from the storms.

This month was notable for excessive heat, and violent thunder-storms, with heavy rain-falls, and will long be remembered for these things throughout the entire Kingdom! At the close of the month the corn became partially fit to cut, but much wheat was laid flat by the storms. Public health indifferent, caused by the continued heat.

AUGUST * 1872.

August	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th. 1.	30.02	W ₁ .	53 1/2		cloudy morning, but bright after 7, with light clouds a pleasant afternoon, and moderat heat. — Close evening and dusky curled clouds, but a fine night.	
		SW ₁ .	64			
	29.94	SW ₁ .	71			
		80.				
F. 2.	-82	Var. 0.	56		Close and hazy morning. Thunder in S. from 9 am, very severe thunder. Storm from 1 1/2 am till 7 1/2 past noon, then finer, but much cloud, and haze, & little sun.	040
		W ₂ .	62			50
		Var. 1.	62			
	-77	NE ₁ .				
S. 3.	-84	NW ₂ .	54		Very showery with sun between, all the forenoon, but the afternoon chiefly by fair. Cloudy evening, and inclining to rain.	15
		NW ₂ .	64			05
	-96	NW ₁ .	65			
Su. 4.	30.02	Var. 0.	54		Some rain very early AM. new moon. Fine and pleasant day clouds & sun; but distant 9. 46 am. showers in South P.M. Brighter evening, but chiefly cloudy in the night.	12
		NE ₁ .	61			
	29.98	NE ₁ .	68 1/2			
		E ₁ .				
M. 5.	-89	ESE ₂ .	54		Very cloudy morning, drizzling rain after 8 am, and heavier in the afternoon a short time: finer evening, distant lightning in the East.	14
		SE ₂ .	60			
	-67	SE ₃ .	62			
Tu. 6.	-78	W ₆ .	56 1/2		Fair all the morning, till after 6, then bright warm and fine, and hot in the P.M. Cloudy after 2, and the wind veered. Evening cloudy.	
		W ₂ .	67			
	-87	S ₂ .	74			
W. 7.	-77	SE ₁ .	57		Close and cloudy morning and nearly the same all day, but warm & little sun. Rain commenced 4 1/2 pm. finer after 6. — cloudy night, little lightning	13
		SE ₂ .	64			
	-64	Var. 1.	68			
	417.97		38.54	70.5	Mean Temp 61.1.	Rain 1.09
			85.5		5	Nearly 1° below Average.

August 1872.

Aug th	Baro meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 1.09
Th. 8. 29.66	-97	N ₂ . NW ₄ . NW ₃ . 2 & 1.	55 62 68	Close and some rain af- ter 9, very heavy for a short time, but a bright & warm afternoon. less wind and a fine eve- ning, and night.		.20
F. 9. 30.12	-12	NE ₁ . SE ₂ . SE ₂ .	57 67 72½	Great fog till after 7 then bright, and hot sun with light clouds, wind to SE at 2 pm. Breezy even- ing, and cirri clouds, and brisk w. all night.		
S. 10. 29.86	-77	SE ₃ . S ₂ . SW ₃ . 4 & 4.	57 63 72	Cloudy and rain at 7 & 8 am, then fine & clearer. hot till after 2 pm, then windy & more clouds. warm and blowing night, but fine & cloudy.		.72
Su. 11. -81	-90	W ₅ . W _{4.5} . W ₂ .	58 64 68	Blustering with flying clouds, and sun, but fine till after 1 pm. Flying showers, & equally P.M. The night also more or less windy but fine.		.03
M. 12. 30.07	-16	SW ₃ . W ₃ . W ₂ . 8 & 1.	54½ 63½ 69	Clouds & sun, with a brisk breeze, nearly the same all day, but less wind in the evening, clear and cooler night.	moon 1 st 2 nd 5.52 am	
Tu. 13. -24	-33	NW ₂ . NW ₂ . NE ₁ .	49 66 72	Clear, very bright till af- ter 1 pm, and hot about noon, more cloudy P.M. and the evening nearly a calm. Fine and close all night.		
W. 14. -37	-37	NE ₀ . NE ₁ . E ₁ . 8 & 0.	54 67 71½	Calm & pleasant morn- ing, with light clouds, after 8, be- came bright and a very fine day for harvest. Clear sunset, and dewy night.		
420.75	378.5	493	Mean Temp 62°25.	Rain cal ^d up 1.44		
871.5	About the Average.					

August 1872.

Aug th	Baro meter	Wind.	Thermom ⁿ Min. 9. Max. am	Weather &c.	Notes.	Rain. 1.44
Th. 15.	30.37 -35	E ₁ . E ₁ . SE ₁ .	47½ 67 72	Clear & dewy morn ^g , and chiefly bright & very warm till noon. afterwards more cloudy, but very fine. Even ^g chiefly bright, & fine night.		
F. 16.	-30 -28	SE ₂ . SE ₂ . SE ₁ .	51 63 70	Hazy & cloudy more or less all day, very little sun, but close & warm. The evening very close and hazy but a fine night.		
S. 17.	-25 -29	SE ₀ . SE ₂ . SE ₀ .	55 73 78½	Very bright, and very hot, but after 12. more wind than before. Calm, clear & brilliant even ^g , sun set in full splendour. —		
Su. 18.	-31 -34	SE ₁ . SE ₂ . SE ₂ .	57 75 78	Very bright & glorious mor ^g , so continued, very hot and clear day. Even ^g also clear, and a cool breeze. —	Full moon 8.53 pm. Harvest moon.	
M. 19.	-34 -31	E ₂ . E _{2.3} . E ₂ .	54 72½ 76½	Very clear till 8, then light clouds, but bright and very hot, with a parching wind, & brisker from 11 a m. The even ^g very bright as before.		
Tu. 20.	-22 -19	E ₂ . E ₃ . E ₂ .	55 72 74½	Clear, very bright till near 9 am, then some rocky cumu- li at times, and more cloudy after 1 pm, but fine & hot. Even ^g partially cloudy.		
W. 21.	-12 -13	E ₂ . E ₂ . E ₂ .	59 74 78	Sultry morn ^g , clouds, and sun, soon very bright, and very hot, all the day. some clouds in higher cur- rent from SW. pm. —		
423.80		378.5 527		Mean Temp 64° 67.)) Rain cal ^d over 1.44		
		905.5		2½° above Average. —		

August 1872.

Aug.	Baro. meter	Wind.	Thermom. min. 9 a.m. Max.	Weather, &c.	Notes.	Rain. 1.44
Th. 22.	30.12 -13	NE ₁ NE ₂ NE ₂	63 66 68	Sultry & blue haze, close & cloudy all day, and the sun scarcely gleamed, but warm, and very pleasant. Close & cloudy night.		
F. 23.	-20 -33	NE ₂ NE ₂ NE ₁	58 69 73	Clouds & sun, but from 8 am hot and mostly bright. Very fine harvest day. The evening also bright and less wind.		
S. 24.	-37 -39	NE ₁ E ₁ E ₀ SE ₁	56 68 74	Cloudy morn'g, but bright after 8 am, very hot and calm day. Wind veered in the evening to SE, fine night, and in part clear.	♂ ♀ ♂ ♂	
Su. 25.	-30 -19	SE ₂ SW ₁ SW ₀	54 68 76	Light cumulated clouds, but bright, with blue haze. Very hot and close day. The evening and night also very close and electric.	moon last 2 ^o 8.35 pm.	
M. 26.	29.97 -89	S ₁ SSW ₁ SW _{2.3} W _{1.4}	60 62 70	Close morn'g, rain from 6 ^h to 8 am. After 9, fine & some sun, till 2 pm, then showery, and very heavy at 4 pm. Evening fine but much cloud. Gale in the night.		17 38
Tu. 27.	30.07 -30	WNW ₄ NW ₄ NW ₄ S. 2.	55 57 64	Windy & some rain early a.m. Blustering & cool forenoon, the afternoon nearly the same, some sun at times. Evening chiefly cloudy. Fine and clearer night.		06
W. 28.	-37 -31	NW ₂ W ₁ SW ₁ S. 0.	48 64 70	Bright all day, warm, and pleasant. The afternoon and evening calm, and rather close, rosy clouds at sun-set.		
422.94 39.4495 Mean Temp 63° 5. Rain 2.05						
889 = 1 1/2 above Average.						

August 1872.

Aug.	Baro. meter	Wind.	Thermom. min. 9 a.m. Max.	Weather, &c.	Notes.	Rain. 2.05
Th. 29.	30.22 -12	SW ₁ SW ₁ SW ₀	54 66 72	Bright and warm morn'g, very fine, pleasant day, rather hazy, & light electric clouds. Warm & breezy all the night.		
F. 30.	-00 29.89	SW ₂ SW ₁ SW ₁	54 1/2 60 64	Hazy & close all the morn'g, little rain from 1 pm, a short time. Very heavy PM. Rain again at 6 pm, but a fine night.		13
S. 31.	-82 -95	SW ₁ W ₁ W ₁	52 59 65	Clouds & sun at first, then more clouds, and rain at times. Distant thunder N & NE. 10.2 pm - 6, at 5 pm - fine evening out night.	Thunder.	02
180.00 1605.201 Mean 3 days 60° 25. Rain 2.20						

Barometer.

Highest on 24th — 30.39.
Lowest on 7th — 29.64.
Range — 0.75
Mean of month 30.08
No gales during the month.

Thermometer.

Highest on 17th — 78° 5
Lowest on 15th a.m. — 47° 5
Range — 31°
Mean daily range — 15° 96
Mean of month — 62° 62.
0.62 - above Average.

Prevailing winds SE, W, SW, & E. — Fine days 19,
Rainfall 2.20 Inches.

This was on the whole, a favourable, and good month, warm and in all respects seasonable. The harvest proceeded well without interruption from the 12th to the 25th, even to the heart's desire, during which period the corn was secured in fine condition, but some cases of mildew appeared, as also partially - a deficient yield. The Public health not bad, but some instances of Diarrhoea, as connected with the season.

September 1872.

Sept.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Su. 1.	30.01 -05	W ₁ SW ₁ S ₂	48 63 66	Bright morn, and cur- dled sky, some clouds, but fine till 2 1/2 pm, then rain till about 5. Cloudy and close even and night.		.77
M. 2.	-03 -01	S ₂ S ₂ SSE ₂ SSE ₁	57 68 74	Sultry, and close morn, became bright and hot after 9 a.m., a lovely day, some electric clouds: and very close even & night.		
Tu. 3.	29.90 -82	SE ₁ SE ₂ SE ₂	61 68 74	Close, sultry, and electric, new moon all the morn, then bright 0. 53 a.m., and hot after 12. more wind, and hazy from 2 pm. Thunder-storm 8 pm.	Thunder	.77
W. 4.	-82 -82	SSE ₂ SSE ₁ SSE ₂	63 71 1/2 72 1/2	Another thunder storm at 1.30 a.m. Very sultry & hot but, hazy, & sun dim. Rain at 1 pm; then fine but much lightning at night in west.	Thunder Lightning even.	.72 .10
Th. 5.	-89 30.02	S ₂ SSW ₂ SSW ₃ S ₁	62 1/2 71 75	Very hot, and mostly bright, but some clouds, and at brisk wind at times. Bright even, & clear Oct. Fine night & some fog.		
F. 6.	29.97 -29	S ₀ S ₃ S ₂	57 68 72	Fog early A.M., became bright after 8, a fine & hot summer day, with a brisk drying air, and warm breeze all night.		
S. 7.	-97 -95	SSW ₂ SW ₃ SW ₂	59 63 70	Sultry morn, grey clouds and sun; rather lowering & a brisk wind. Bright & hot near noon, then showery, but the night fine.		.04
419.25 407.5 503.5 Mean Temp 65.07 Rain cal. up .60						

911

7° above Average for the
period, & 8° above that of
the month entire!

September 1872.

Sept.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Su. 8.	30.03 -08	W ₂ W ₂ W ₀	53 65 70	Bright with light clouds, very fine, warm, and plea- sant day. Even quite calm, wind all gone: and very fine night.		.60
M. 9.	-08 29.95	W ₁ SSW ₂ SW ₂ & 3.	54 64 67	Hazy & electric, but some sun, fine & warm till 1 pm, then light rain at times till 4 pm, afterwards fine & clear. wind brisk at even, less on the night.		.05
Tu. 10.	-96 30.07	W ₂ W ₂ SW ₂ WSW ₁	53 65 69	Bright morn, and conti-moon 1 st Dr much chiefly bright, with light clouds, and fresh breeze: and a fine evening, wind less: but more dull night.	2.3 pm.	
W. 11.	-03 -13	SW ₂ SW ₂ 3.4. SW ₄	58 1/2 69 76	Sultry breeze & little haze, clearer after 9 a.m.: very hot & chiefly sun, with light clouds, and brisk wind. Sultry breeze all night, but very fine.		
Th. 12.	-23 -32	WSW ₄ WSW ₃ WSW ₁	60 71 75	Hot breeze. flying clouds, and sun. became very hot and chiefly bright, with light clouds. Clear even & less wind, sun set bright.		
F. 13.	-36 -39	W ₁ W ₂ SW ₂ & 3.	58 71 78	Very bright and lovely morn, continued bright & very hot, but some electric clouds at noon, then again bright. Red clouds at even, & sultry breeze during night.		
S. 14.	-25 -25	SW ₃ W ₀ W ₀	62 65 65	Cloudy & sultry, little rain at 7 a.m. and at times in the day. gloomy sky, clearer after 3 pm. Fine even & night, and still very close.		.03
422.73 398.5 500 Mean Temp 64.17 Rain 2 over .68						

898.5

6° above Average.

September 1872.

Sept.	Baro. inches	Wind.	Thermom. min. 9 am max.	Weather, &c.	Notes.	Rain. 0.68
Su. 15.	30.17 -13	W ₂ . NW ₃ . NW ₂ . & 1.	56 65 69½	Clouds & sun, but chiefly bright, with a brisk wind a very fine and pleasant day. Evenng & night in part clear, and fine with less wind.		
M. 16.	-13 -02	W ₁ . W ₂ . WSW ₀ . SW ₀ .	48 57 64	Cloudy, grey & tranquil mornng, chiefly cloudy till after 1pm, afterwards sun at times. — Close and calm Eveng, and night.		
Tu. 17.	29.96 -92	SW ₂ . SW ₁ . SW ₀ .	54½ 64 69	Slight grey clouds in the mornng, warm and fine, clearer all the middle of the day, very warm & pleasant, and a close & calm evening. Night clear moonlight.	Full moon 5.5 a.m.	
W. 18.	-76 -70	SW ₂ . SW ₂ . 3-4. SW ₂ .	54 60 64	Many clouds & little sun with a gusty wind, great shows for rain approaching. Fine red bands of cloud at sunset in W. Clear night.		
Th. 19.	-70 -78	WSW ₃ . W ₂ . W ₁ .	46½ 58 63½	Clear mornng, & cooler breeze, fine day, with clouds, & sun. Some rocky pinnles on West horizon in the eveng, but a fine night.		
F. 20.	-78 -82	NW ₃ . NW ₃ . 8-2. NW ₁ .	42 54 55	Fog till 7 a.m., then clouds & sun, some heavy clouds & squalls of wind, with sprinkling rain, in the forenoon, finer and clearer P.M. — Cold eveng, and night.		
S. 21.	-84 -80	NW ₂ . W ₁ . NW ₃ .	39 50 53	Bleak mornng, inclined to be frosty. Clouds & sun followed by rain, and a cold hazy P.M. and rather stormy night.	684	04
418'51			340 438	Mean Temp 55° 57 Mean Rain 2.72		
			778	— 2¼ below Average.		

September 1872.

Sept.	Baro. meter	Wind.	Thermom ^r .		Weather, &c.	Notes.	Rain.
			Min.	9. am Max.			
Su. 22.	29.84	NW ₄ . NW ₂ . W ₁ .	38 $\frac{1}{2}$	47 55	Storm of rain at 3 a.m., the day fine, clouds & sun, and very cool air. Evenng and night clear, and inclined to be frosty.		.10
M. 23.	29.75 -97 -80	SW ₂ . SW ₂ . SW ₂ . 3-4.	36	51 58	Partial frost early a.m., fine day, with sun, and clouds. Windy & more cloudy after 2 p.m. Rain at 8 and 9 p.m.: finer through the night.		.12
Tu. 24.	-61 -52	SW ₁ . SW ₁ . SW ₄ .	47	52 52	Bright at 6 a.m., then cloudy, & moon last br. very hazy & thick. Gentle rain 1.21 p.m. about noon, and showery p.m. Fine evenng, and night, and chiefly clear.		.09
W. 25.	-63 -66	SW ₃ . W ₅ . NW ₆ . 5-4.	39	50 53	Bright morning, & cold breeze. fine forenoon, with clouds, but a very wet and blowing after-noon, evenng, and night, with little intermissions.		.52
Th. 26.	-82 30.02	W ₅ . W ₄ . W ₂ .	45	49 56	Squalls & rain at times early a.m. Fine day after sun rise. Much cloud, & little sun. Less wind after sun set, but an unsettled night.		.28
F. 27.	-00 29.65	SSW ₄ . SW ₅ . SW ₆ .	43	56 62 $\frac{1}{2}$	Rain at 3 & 4 a.m., very squally after 9 a.m., blowing all day, and mostly cloudy, but warmer than of late. Very stormy all night, heavy gusts & little rain.		.12
S. 28.	-70 -73 41.690	SW ₄ . SW ₆ . SW ₂ .	53	57 61	Blustering with showers early A.M.: a very blowing day, the afternoon most so, but chiefly bright. Fine evenng & night, and much less wind.		.21
30153975					Mean Temp 49.92	Rain & over. 2.16	
699					7° below Averages.		

September 1872.

Sept.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain
Su. 29.	29.82	SW ₂ . 48 SW ₃ . W ₂ . & 1.	56 62½	Fine till near 2 pm, clouds and sun. Thunder-storms 1 pm, hail & heavy rain. Fine and bright from 5 pm, all the evening and night, and wind gone.	Thunder 1 pm.	2.16
Mo. 30.	29.95	WSW ₁ . 4½ WSW ₂ . WSW ₂ . 180.	53 60	Bright morn'g, and a fine sunny day, with some light clouds: but the evening hazy and cloudy, yet calm, & fine night.		
	119.66		89.5 122.5	Mean of 2 days 53° =		Rain 2.46

Barometer.
Highest on the 13th = 30.39
Lowest on the 24th = 29.52
Range = 0.87
Mean of month = 29.94
Gales on 3 days, 25th, 27th & 28th.

Thermometer.
Highest on the 13th = 78°
Lowest on the 23rd = 36°
Range = 42°
Mean daily range = 14.51
Mean of month = 58.3
Nearly 1° above Average.

The most prevalent winds, S.W. and West; Fine days 16; and the Rain-fall 2.46 Inches, and most of it in the last week!

This was a very fine and hot month up to the 20th day afterwards very much cooler, and the last week wet, and stormy, and at times cold for the season. The Equinoctial storms prevailed with more than usual roughness, and much thunder on the 29th. The public health was on an average in most districts.

October 1872.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Tu. 1.	29.93	SW ₂ . 50 SW ₂ . SW ₁ . & 0.	57 59½	Warm morn'g, soft breeze, grey clouds and sun; lowering clouds from 10 am, but continued fine & less cloudy. Evening mild and hazy, and the night fine.		
W. 2.	29.82	SE ₁ . 52½ S ₂ . SW ₃ . S ₂ .	60 65	Hazy & red sky, followed by rain at 7 am, & till 8, then finer, bright & very warm, about noon, sultry & cloudy P.M. Night the same.	new moon 3.31 pm (Thunder storm 4½ pm)	12 10
Th. 3.	29.63	S ₂ . 55 SW ₁ . 52 SW ₂ . Var. 1.	57 62	Sultry with rain at times early in the morn'g, cloudy till after 10. Bright at noon, showing with much Thunder P.M. Fine night.	(much Thunder 2 to 3 pm)	07 28
F. 4.	29.59	Var. 1. 36 SE ₁ . E ₂ . E ₁ .	47 52	Clear & frosty morn'g, bright till 9 am, then clouds and distant thunder in S.W. Dark clouds at even'g, distant lightning & rain till 12 pm.	(Distant Thunder & lightning at night.)	15
S. 5.	30.05	NE ₂ . 44 NE ₂ . NE ₂ . & 1.	50 55	Cloudy with sun, & electric as before, upper clouds from S, across the under current. clearer evening, and a fine night.		
Su. 6.	30.39	Var. 1. 42 SE ₁ . SE ₁ . SW ₀ .	53 58½	Bright with some clouds, fine, tranquil & pleasant day. Even'g and night chiefly clear, and very fine.		
Mo. 7.	30.44	SE ₂ . 41 S ₂ . S ₃ . 2. S ₁ .	52 59	Bright, with a brisk wind; continued all day very bright, and the afternoon warm. Fine even'g, & night.	☐ 10	
	420.18		320.5 41.1	Mean Temp 52° 21.		Rain cut over 0.72
			731	About the Average.		

October 1872.

Oct.	Baro. meter	Wind	Thermom Min. 9 am Max.	Weather, &c.	Notes.	0.72
Tu. 8.	30.13	SE ¹ SW ¹ SW ⁰ S ⁰	46 52 56	Hazy till 7, then fog and light rain at intervals. Finer P.M., and clearer eveng, and part of the night.		.08
W. 9.	29.95	S ¹ SW ² SW ²	45 51 54	Bright at sunrise, then moon 1 st cloudy in part; and very rainy from noon till 3.4 p.m. Then fine, and clearer all the night.		.28 .10
Th. 10.	29.84	SW ¹ SW ² S ² S ⁷	39 47 53	Clear, and chilly morn, continued bright till 1 p.m., afterwards hazy, cloudy, and threatening. Strong gusts of wind eveng. and night and some rain.		.06 .08
F. 11.	29.41	SW ⁶ W ⁵ SW ² 180.	43 47 52	Blowing & showery early A.M.: continued windy till noon, but bright, less wind P.M., and electric clouds in varied forms. Clear & cold eveng & night.		.02
S. 12.	29.70	SW ⁰ SW ² SW ² S ¹	35 44 47	Clear and frosty morning but after 9 a.m., hazy, and cloudy more or less, and a little rain P.M. Finer in the night, & clearer.		
Su. 13.	29.87	SW ⁰ SW ¹ SW ⁰	36 44 51	Clear morn, little frost. Day bright with clouds and a cold air, yet calm. Distant showers P.M., in W. Clear eveng, mist on the valleys.	6 & 80	
M. 14.	30.07	W ⁰ Var ⁰ NE ⁰	34 42 54	Very frosty early A.M., more hazy & cloudy from 7 till 9 a.m., then chiefly bright, calm, & very fine. Clear eveng, but a mist on the valleys.		
417.79			278 367	Mean Temp 46.07. Rain cal. up 1.34		
			645	6 below Average.		

October 1872.

Oct.	Baro. meter	Wind	Thermom Min. 9 am Max.	Weather, &c.	Notes.	Rain 1.34
Tu. 15.	29.92	W ² NW ¹ W ¹ Var ¹	35 45 50	Early A.M., keen & frosty, then foggy till near 10 a.m., afterwards cloudy and very little sun, but fine, eveng and night chiefly the same, but very hazy.		
W. 16.	29.56	SE ² SE ⁴ SE ³ 2. & 1.	38 47 49	Lowering morn, heavy sky much cloud, and squally wind, with rain at intervals. Eveng & night fine and clearer.	Full moon 3.35 p.m.	.12
Th. 17.	29.74	NE ¹ E ² E ¹	38 48 55	Little sun, but mostly quite cloudy, and a drying breeze. but some rain after 4 p.m., and during the night.		.06
F. 18.	29.84	E ¹ SE ³ SE ³	48 52 56	Cloudy, closer, & rather dripping sky. The afternoon blustering & rainy, but a finer eveng & night.		.03 .19
S. 19.	29.91	E ¹ ESE ² SE ¹ E ¹	43 50 54	Hazy & cloudy, followed by rain in the afternoon, at frequent intervals, and in the eveng, and some part of the night.		.15
Su. 20.	29.78	NE ⁰ NE ¹ NE ¹	50 54 58	Very close and foggy morn, clearer after 10 a.m., but cloudy more or less, with a mild air, although a NE wind. Rain at times during night.		.13
M. 21.	29.68	Var ⁰ SW ¹ S ¹	49 51 53	Very close, and rain at times, most of the day, but finer and clearer from 3 p.m. Some rain again during the night.		.10 .07
416.49			301 375	Mean Temp 48.28. Rain cal. over 2.19		
			676	3 3/4 below Average.		

October 1872.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather &c.	Notes.	Rain. 2.19
Tu. 22.	29.53 -74	S 1. S 1. W 2. W 0.	47 52 54	Close with electric clouds, all the morn'g, wind veered at 11am from S to W, and more clouded, with grey haze. Night clear, and much cooler.		
W. 23.	-83 -85	NW 0. W 1. W 0.	36 42 51 1/2	Clear morn'g, & partial frost, continued bright, and serene all day, and nearly calm. Even'g & part of the night clear & cold.		
Th. 24.	-60 -49	SE 4. SE 5. SE 4. 2. 1.-	38 50 52 1/2	Change early AM, cloudy & squally from SE, more or less all day, followed by gentle rain in the evening, and night, and less wind.	moon last 2. 8. 54 a.m.	
F. 25.	-50 -52	SSE 2. SSE 2. SSE 1.	44 51 54	Bright morn'g, and continued bright & pleasant with some passing clouds, till 1 p.m. then a stormy looking sky, but fine.	(Hornets & wasps came out.)	10
S. 26.	-53 -52	SE 3. SE 3. SSE 2.	45 51 53	Cloudy & mild morn'g, & little flying showers. Lowering sky continued gloomy & unsettled day. Showery evening.		07 10
Su. 27.	-67 -80	S 1. SW 1. SW 1. & 0.	46 51 56	Close & mild morning, very fine & pleasant day and bright in the afternoon. Hazy evening, but a fine night.		
M. 28.	-74 -98	NE 0. NE 1. NW 2	41 49 55	Foggy till after 9, fine and bright afterwards till evening, then cloudy and the night similar.	☐ H ☉	
41.530		29.7376		Mean Temp 48° 07. Rain. 2.46		
		673		3 3/4 below Average.		

October 1872.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather &c.	Notes.	Rain. 2.46
Tu. 29.	30.72 -04	SW 1. SW 2. SW 3.	39 1/2 47 55	Clear, and dewy morning, continued bright till 9, afterwards at times cloudy, but fine. The night closer & breezy.		
W. 30.	29.74 -72	SW 5. SW 3. SW 2.	50 57 58	Very warm, blustering, & showery morn'g, finer after 10am, mild and cloudy evening and night, cloudy, and little rain at times.		10
Th. 31.	-70 -75	SW 1. WSW 2. W 2.	48 51 52	Showers early AM: The day mostly very hazy, but brighter in the afternoon. Serene evening and night.		10
179.07		1375.165		(Mean 3 days 50° 41) Total Rain 2.66		

Barometer.
Highest on the 6th - 30.44
Lowest on the 11th 29.41
Range = 1.03
Mean of Month 29.65
Gales on 2 days, the 10th & 11th.

Thermometer.
Highest on the 2nd - 65° -
Lowest on the 14th am - 34° -
Range = 31° -
Mean daily range 11° 64.
Mean of month 48° 82
3 1/4 below Average.

Prevailing currents - the SW, and SE.
Fine days only 13. Rainfall 2.66 Inches.

This month was notable for very gloomy, cool, and drizzling weather, with short intermissions from the 8th day, to the 31st. The rains were never great, but they were very frequent, and with very little of that warm sunshine which usually prevails in October; so that the mean temperature was considerably under the Average, but the Public Health, altogether fair. - A slow time for Wheat-seeding.

November 1872.

Nov ^r	Baro meter	Wind.	Thermom ^t min. 8 max.	Weather, &c.	Notes.	Rain.
F. 1.	29.85	SSW ₂ 42 SSW ₃ 47 SE ₆ 57		Bright, mild, and pleasant morn ^g , and continued very bright & warm till 3pm, then more wind & some clouds. Clustering & wet night, yet but slight rain.	New moon 5.28 am. Stormy evening.	07
S. 2.	55 -45	SW ₂ 43½ S ₃ 43½ SW ₁ 52		Bright, mild & cheering till after 9 am, then hazy & cloudy till noon, afterwards bright. Some rain in the night.		
Su. 3.	70 30.06	W ₄ 42 W ₂ 42 W ₁ 57 S.O.		Squally & some rain early AM: but very fine and bright from and after 6 am all day. - Calm even ^g , little haze, but stars visible. - Night chiefly clear.		12
M. 4.	-15 29.91	SW ₀ 36 S ₂ 39 S ₅ 53 4. 3. -		Chiefly bright, & much dew in the morn ^g . Bright and pleasant till noon, afterwards rather cloudy. - Blowing and rainy night, but very warm.		30
Tu. 5.	-81 -94	SSW ₃ 49 SW ₃ 58 SW ₂ 62		Very warm with clouds & sun, pleasant till 3pm, then overcast & mizzle a short time, but again fine from 3½pm, and very close even ^g & night.		
W. 6.	-97 -90	SW ₂ 48 SW ₃ 55 SW ₆ 60		Very warm, close, & cloudy morn ^g , and continued so most of the day alike. Even ^g clearer, but a stronger wind till near 8pm. Fine night, and less wind.		
Th. 7.	30.22 -39	SW ₃ 45 WSW ₄ 45 W ₄ 55 S. 2.		Very fine, bright, and pleasant, with a drying wind. Fine even ^g and night, & mostly clear.		
	414.42		305.5 39.0	Mean Temp 49.64	Rain cal up	49
			695.5			7½° above Average.

November 1872.

Nov.	Barometer	Wind	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain
F. 8.	30.34 -30	SW ₂ . 40 SW ₂ . 46 SW ₁ .	55.2	Very fine, mild, drying moon 1 st 2 nd and pleasant day, and mostly bright sun. More clouds after 3 pm. Hazy and cloudy evening, & night.	3.51 am.	0.49
S. 9.	-23 -03	SW ₁ . 39 SW ₁ . 41 SW ₁ . 49 W ₁ .		Fine morning but hazy & cloudy with curdled sky above the haze, clearer after 11 am, and in part bright. Evening & night hazy. - Wind rose after 10 pm.		
Su. 10.	29.74 -85	W ₃ . 39 NW ₄ . 41 NW ₃ . 44.2		Clouds & sun, with cold wind, and flying showers, a very stormy sky. - More showers in the evening, and night. - and wind gusty.	great change,	07
M. 11.	-90 -97	NW ₃ . 36 NW ₄ . 37 NW ₃ . 45 N ₂ .		Storms of rain and snow at times in the morning, but finer afternoon, some sun, but a very cold wind. - Storms at times during the night.		05 05 0
Tu. 12.	30.03 -72	N ₂ . 36 N ₃ . 42 NE ₄ . 46		Showers of hail and rain in the morning, fine and bright about noon, but again showers of rain from 2 pm, & squalls of wind.		77 78
W. 13.	-72 29.74	NE ₄ . 34 N ₃ . 37 NE ₃ . 38		Squalls of sleet & rain at times; less wind after noon, but cloudy & very cold. Some snow at times, and stormy night.		0
Th. 14.	-78 -85	NE ₄ . 33 N ₂ . 38 N ₃ . 40		Storms of snow & sleet, and fine intervals. Mostly cloudy and continues cold. Lowering and ship-ping night. Wind squally.		45
420.20		257.318		Mean Temp 41.07. Rain 2.0 over. 1.46		
		575		Nearly 1° below Average.		

November 1872.

Baro.	Thermom.	Wind.	8 am.	Weather, &c.	Notes.	Rain.
Nov. 15.	meter		Min. 8 am.			1.46
F. 15.	29.99	NE 2	35½	Overcast from sun-rise, Full moon and early more or less, 5.8 a.m. till 11 a.m.; then from 1 p.m. gale and more rain. Less wind after 8 p.m., but rain continued.		48
	-72	N 6.	38			
		N 4.	43½			
S. 16.	-68	E 3.	37	Cloudy, and squally, with rain at times, & harder at 2 p.m. Afterwards less wind and finer, but showery in the evening. Night clearer.		17
	-64	SE 2.	40			07
		S 4.	43			
Su. 17.	-78	SE 1.	33	Overcast, dark, & foggy, some rain and snow at times about noon, then foggy, but finer, and continued foggy all night.		12
	-74	W 1.	37			
		Var. 1.	38			
Mo. 18.	-66	SW 2.	34	Very foggy all the morning, clearer about noon, afterwards again thick and some fog. Even. rainy at times, but a finer night.		03
	-49	SW 1.	37			
		SW 1.	41			
Tu. 19.	-54	W 2.	32	Great fog, till near noon, then cloudy and less wind, and veered to SE at 4 p.m. (milder even.), and a little wet.		09
	-60	W 1.	34			
		SE 2.	45			
W. 20.	-51	S 2.	42	Very mild, and mostly bright, with light clouds, veered at sun-set, and fine evening. Night serene & chiefly clear.		
	-65	SW 1.	42			
		SW 2.	49½			
		S 1.				
Th. 21.	-77	S 1.	36½	Clear and dewy morning, continued very bright, with some light clouds P.M. More wind in the evening, and grey lines of cloud.		
	-88	S 2.	39			
		S 3.	51			
415.65		250.311		Mean Temp 40.07 Rain cal. up 2.42		
		561		Nearly 2° below Average.		

November 1872.

Baro.	Thermom.	Wind.	8 am.	Weather, &c.	Notes.	Rain.
Nov. 22.	meter		Min. 8 am.			2.42
F. 22.	29.71	S 3.	44	Cloudy, close, and mild. Some sun near 12, then squally, little rain at times. Clear & fine from 8 to 12 night. Then stormy.	□ 40	04
	-63	S 2.	49			
		SW 2.	52½			
S. 23.	-40	SSE 6.	39	Blowing hard all the morning, cloudy & little rain; 5.45 a.m. less wind P.M., and rather clearer, but after 4, again stormy & windy night.		13
	-33	S 6.	49			02
		S 3.	54			
Su. 24.	-50	S 3.	44½	Bright & mild morning, and a fine, bright, and cheering day. More clouds in the evening: but the night clearer.		
	-60	S 3.	46			
		S 3.	51			
Mo. 25.	-58	S 2.	40	Clear morning, and mostly sun till near noon, but a wet and blowing afternoon, and warmer in the evening. Night finer.		14
	-41	S 6.	41			
		SSW 4.	52½			
Tu. 26.	-44	SW 3.	47	Distant lightning early A.M. in S.E. Mild and bright till 1 p.m., then hazy at times & wind less, but again blowing hard at night.		03
	-60	SW 5.	49			
		SW 4.	54			
W. 27.	-70	SW 4.	46½	Bright, and windy all the morning, & till noon, some clouds P.M. & less wind. The evening tranquil, and fine night.		
	-85	SW 5.	49			
		SW 2.	54			
Th. 28.	-78	W ½.	42	Close, calm & mild, but comparatively cooler as the day proceeded, and clearer from 3 p.m., but a cloudy evening, and night.		
	-80	W ½.	44			
		SW 2.	47			
414.33		303.365		Mean Temp 47.71 Rain cal. over 2.78		
		668		5½° above Average.		

November 1872.

Nov.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain
F. 29.	29.66	S 1.	40	Overcast & little wet early in the morn'g. Hiper & clearer after 9 am, and bright after noon. Some fog at 10 & 11 pm.		.03
		S 1. SW 2.	43			.10
	53		46.2			
S. 30.	30	SE 1.	38.2	Hazy morn'g, but bright here noon from 9 till 12. Cloudy and squally P.M. Heavy rain & hail in the evening, and at times till 9 pm.		.14
		SE 4. S 4.	43			
	15		51			
S.	117.64		78.5 97.5	Mean 2 days 44°. -	Rain -	3.05

Barometer.	Thermometer.
Highest on the 7 th 30.39	Highest on the 5 th 62°
Lowest on 30 th 29.15	Lowest on 19 th 32°
Range = 1.24	Range = 30°
Mean of Month 29.70	Mean daily range 9.56.
Gales on 6 days. =	Mean of Month 44.59.
	2 1/2 Deg. above Average!

Prevalent winds SW, and S; fine days 10 only;
Rainfall 3.05 Inches.

This was a very mild, wet, and windy month, with but trifling intermission, and no positive frost, and but little snow. The first and fourth weeks were uncommonly warm. Much lightning early on 26th morning, and numerous phetors on the 27th. Considerable sickness, but the mortality was not above the Average.

December 1872.

Dec.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
Su. 1.	29.15	S 3.	43	Stormy sky, flying clouds and sun with brisk wind. More clouds after 2 pm, & less wind. Hail showers in the evening, much distant lightning all night.		.05
		S 4.2. S 1.	45			
	41		50			
Mo. 2.	70	SE 0.	36	Calm, and chiefly bright with mixed clouds; more hazy after 2 pm, and then chiefly cloudy and colder. Some rain at 8 pm.		.03
		E 2. E 2. NE 2.	41			
	68		49			
Tu. 3.	55	N 3.	44	Cloudy, with gentle rain at times. More overcast, from 2 pm, and very rainy till after 10 pm.		.16
		N 3. N 2.	46			
	65		47			
W. 4.	76	N 2.	39	Fine and bright with but few clouds but a cold breeze, and a little sleet in the night.		
		N 3. N 3.	41			
	90		44			
Th. 5.	30.00	NW 2.	29	Hazy with frost early. Continued very bright with a sharp air. More hazy after 3 pm. Cloudy & foggy evening. Wet night.	69 h (Gale night & much rain.)	.39
		W 1. SE 2.	30			
	29.89	S 6.	38			
F. 6.	32	W 2.	32.2	Fine & wind gone since 1 am. continued fine & bright all day, and a brisk but soft or breeze. Cloudy evening, and night, but fine.	Floods in the valleys.	
		W 4. WSW 2.	40			
	37	SW 3.	47			
S. 7.	44	W 2.	37	Hazy but soon bright moon 1 st 11.36 am. and so continued all day with few clouds but a brisk & cold wind. Squall & rain. 9 1/2 pm		.03
		W 4. S 5.2.	39			
	37	SW 5.	45			
	414.79		2605 320	Mean Temp 41.46.	Rain	0.66

580.5 = 2 1/4 above the Average nearly.

December 1872.

Date	Baro. meter	Wind	Thermom.		Weather, &c.	Notes	Rain. 0.66	
			Min	Max				
Su. 8.	29.60 -11	W ₃ SW ₃ S _{2.5} SSE ₉	35½ 40	47	Bright, with rather bleak wind till 2 pm, then very hazy, and a very blowing evening, and violent gales all the night, & some rain.	Distant thunder & lightning. Heavy gale.	10	
M. 9.	28.98 29.20	SW ₈ WSW ₉ W _{6.5} SW ₂	38 40	43	Violent hurricane till 9 am, rain at times, very windy most of the day, but finer pm, and wind much less. Severe & frosty night.	Awful gale.	17	
Tu. 10.	-25 -00	SW ₁ E ₁ NE ₁ 2.3.	30 35	39	Gentle frost early, hazy and bright by turns during the forenoon. Dark and thick all pm. Rainy evening, & part of night.		12	
W. 11.	-33 -71	NW ₃ NW ₂ NW ₁	34 38	42½	Very cloudy, till 11 am, afterwards bright, but a very keen air. Clear and frost evening, and night.			
Th. 12.	30.01 -02	SW ₁ SW ₁ SW ₀	27½ 30	35	Hard frost early a.m., very bright forenoon, more hazy all p.m. & cold & hazy raining. Some frost.			
F. 13.	29.90 -75	S ₀ S ₃ SW ₃	28½ 34	42½	Hazy with frost, in the morning, but overcast from 10 am, and rain at times; milder air and finer in the night.		13	
S. 14.	-65 -72	W ₁ Var ₀ E ₁ SE ₂	31 35	41	Very foggy all the morning, and most of the day. Cloudy evening, and a little more wind. Raining evening & night.	Full moon 9.44 pm.	11	
41378			2245	290	Mean Temp 36.75. Rain 2.41			29
			514.5		= 2¼° below Average.			

White Violets blooming this week.

December 1872.

[illegible]

December 1872.

Dec.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 3.06
Su. 22.	29.96 -98	SE 1. SE 1. S 1. SW 1.	41 42 51	Very foggy in the morning, and soon overcast & rain, in the forenoon. Finer P.M., but very foggy. - Clearer eveng, & mild. -		13
M. 23.	-82 -73	S 3. S 2. S 3.	44 49 49	Very warm, with red moon last Dr sky, & scads, in the morning, 2.12 a.m. clouds & little sun in the day. Stormy looking sky at eveng, but fine. -		
Tu. 24.	-55 -48	S 3. S 4. S 3.	41 43 48	Red streaked sky at sunrise: fine breezy day, & some sun, with light hazy clouds. Mild & breezy all night. -		
W. 25.	-32 -40	S 4. S 2. S 2.	43 46 51	Very mild, and blustering morning, less wind after 11 a.m.: fine and mild. The eveng, and night chiefly the same. -		
Th. 26.	-63 -89	S 2. SW 3. SW 1. 2.	43 45 51	Clouds and sun, and a mild morning. Bright and pleasant day. Fine eveng, and partly clear. Night also. -		
F. 27.	-97 -72	S 3. S 4. S 4.	41 46 49	Red morn'g, low clouds, and very mild. Blustering and cloudy P.M. The eveng and night also mild, with less wind. -		
S. 28.	-85 -82	SE 2. SE 2. SE 2.	43 45 50	Bright and mild with a fresh drying breeze all the day alike. The eveng, and night also very fine. -		
41632 296349 Mean Temp 46° 07. Rain 3.19						
645 = 7 1/8° above Average.						

December 1872.

Dec.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather &c.	Notes.	Rain. 3.19
Su. 29.	29.87 -98	SE 1. SE 1. S 1.	40 44 49 1/2	Bright, mild, and pleasant morning, some clouds from noon, but fine, and mostly sunny. Evening more clouded. -		
M. 30.	30.00 -04	S 2. SW 1. SW 2. S 1.	37 44 47	Cloudy & light rain in new moon the morning early, but finer 6.36 a.m. and clearer after 9 a.m. Acornite & and at times in the day. violets blooming. Fine night. -		03
Tu. 31.	29.90 -72	S 4. S 4. S 4.	36 44 47	Red clouds, & squally wind, in the morning, the day also cloudy, and blustering. Little light rain at eveng - Night finer. -		05
179.57 113/1435 Mean 3 days 43° 75. Rain 3.27						

Barometer.

Highest on the 30th 30.04

Lowest on 9th 28.93

Range = 1.11

Mean of Month 29.67

Gales on 4 days. -

Thermometer.

Highest on 22nd, 25th & 26th 51°

Lowest on 12th 27° 5

Range = 23° 5

Mean daily range 7° 93

Mean of month 41° 61

2 1/2 Deg^s above Average. -

Prevalent winds, the S, SE, and SW. -

Fine days 13 only. - Rain-fall 3.27 Inches. -

This was a very mild and stormy month with frequent rain to the 22nd day, afterwards chiefly fine, and with increased mildness, and continued southerly winds. The public health at a medium, and the mortality was not in excess. -

Summary of 1872.

A very mild time up to March 17th, and the Month of February was also very fine. — A stormy Vernal Equinox. — Warm and showery April. An unsettled May. — A hot summer, chequered with frequent heavy, and severe Thunder-storms. The heat remarkably great in July. A cloudy and wet Autumn from about Sept^r 21st. And a very mild and wet December. — Much thunder in every month except February, which was the driest period of the year; all the rest of the year being prone to wet, and there was no really cold days during the entire year!

The hottest day of the year was July 26th when the Thermometer was 89° in the shade; but many other days both in June and July were nearly as hot. —

And the coldest March 21st, Thermomd 25½°.

Highest Barometer April 7th — 30.53.

Lowest - ditto - January 24th — 28.62.

Total Rain-fall - 30.87 - Inches.

Fine days only 191, most in February, July, and August.

Monthly Results for 1872.

1872	Winds. —								Gales	Fine Days	Mean Barom	Mean Temp	Mean daily range	Rain-fall	Therm.	
	E	W	N	S	NE	SE	NW	SW							Min	Max
Jan.	0	2	2	8	2	6	1	10	5	14	29.71	39.91	8.66	2.67	27½	52½
Feb.	1	0	0	11	2	6	1½	7½	1	20	29.90	43.43	10.53	0.46	31	54
March.	1	2	1	3½	1	9½	5	8	3	16	29.89	44.55	15.72	1.52	25½	59
April.	2½	5	1	5	2½	4	6	4	2	18	29.99	49.03	19.33	2.34	28	71
May.	2	4	1	0	4	5	2½	12½	1	17	30.00	52.91	19.16	2.90	35	74½
June.	0	8	0	6	0	7½	1	7½	0	16	30.01	60.73	19.50	2.92	41	84
July.	1	4½	1	4½	1	9½	3	6½	0	19	30.06	66.69	18.79	4.42	44	89
Augt.	5	5½	0	1	4½	6	4	5	0	19	30.08	62.62	15.96	2.20	47½	78½
Sept.	0	6½	0	3	0	2	4	14½	3	16	29.94	58.30	14.51	2.46	36	78
Oct.	2	2½	0	3½	4	7	0	12	2	13	29.65	48.82	11.64	2.66	34	65
Nov.	0	2½	3	9	1	3½	2	9	6	10	29.70	44.59	9.56	3.05	32	62
Dec.	2	3½	2	8	1	6½	2½	5½	4	13	29.67	41.61	7.93	3.27	27½	51
1872	16½	46	11	62½	23	72½	32½	102	27	191	29.88	51.26	14.27	30.87	25½	89

The above table shows a general high temperature all the year, and an unusual preponderance of southerly and westerly winds.

Also a considerable rain-fall, but that of July was the result of the heavy thunder storms, for during that month, we had much fine, brilliant, and very hot weather. — November and December were in truth the wettest time.

Monthly Results for 1872

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1872	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1873	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1874	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1875	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1876	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1877	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1878	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1879	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1880	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1881	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1882	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1883	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1884	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1885	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1886	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1887	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1888	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1889	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1890	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1891	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1892	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1893	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1894	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1895	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1896	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1897	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1898	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1899	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1900	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

The above table shows a general upward trend in the results of the various experiments conducted during the year. The results of the various experiments conducted during the year are shown in the table above. The results of the various experiments conducted during the year are shown in the table above.

