

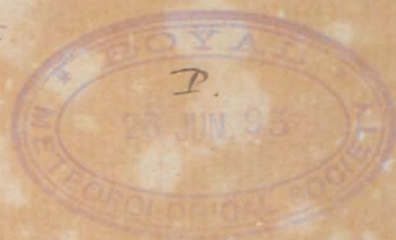
THW
23

Lythrum Salicaria, ^{doosestrife} purple
Lysimachia Thysiflora - yellow do
Spiraea Ulmaria - Meadow Sweet
Lysimachia nummularia, Creeping Jenny

— Daily notes —

— for —

— 1889. —



W Nichol
Heargrave
Bury St Eds

Mr P Grieve
Bury St Eds

Mrs Capon
23 Wilberforce St
Ipswich

C Grimwade
128 Fulham Hill
London
SW

Mrs Barker
71 Surrey Terrace
Grove Road
Norwich

Mrs E J G Saunders
Ipswich

Miss Rayner
The Beeches
Southgate Green
Bury St Eds

Rev C J Howard
Somerleyton
Lowestoft
J Clover
1 Bloomsfield St
Bury

James Rayner
93 Risbygate St
Bury

January 1889.

Jan'y	Barometer	Wind	Therm: Min & Max	Character.	Notes	Rain
Tu. 1.	30.20 -31	NE. 0. Var. 0. NE. 0.	21 1/2 22 38	Clear, and hard frost in the morning, and very bright all day, and a calm variable wind. Sunset clear.	new moon 9.8 pm.	
W. 2.	-47 -60	NE. 0. NE. 0. E. 1.	26 32 38	Cloudy, less frost, hazy and thick all day. Evening partly hazy, but a frosty night.		
Th. 3.	-69 -72	NE. 0. NE. 1. NE. 1.	27 27 35	Frost in the morning, calm, and hazy, and rather foggy at times. 3 more, after 3 pm. sharper frost to		
Fr. 4.	-65 -58	S. 0. Var. 0. SW. 1. Var. 1.	21 22 36	Sharp frost in the morning. Bright day but a thin haze. Foggy sky after set.		
Sat. 5.	-45 -33	W. 0. S. 1. SW. 1.	24 25 30	Frost, and fog, and very foggy most of the day. Severe frost all the night. Less fog.	Hard frost all day.	
Su. 6.	-18 -10	Var. Var. SW. 0. Var.	16 1/2 16 1/2 30	Severe frost & clear morning, the day also bright. Fog came on sunset, & continued	Severe frost all day.	
M. 7.	-10 -12	NE. 0. Var. SW. 1. SW. 1.	21 23 32	Fog and frost all day. Foggy day with little sun, and cloudy evening less frost.		
42.5.50		157.239		Mean Temp 28° 28.5. -		Rain cal over 0. -
		396		= 9 1/4° below Average. -		

January 1889.

Jan.	Baro. meter	Wind	Thermom. Min 8 Max	Character.	Notes	Rain. 0.1
Tu. 8.	30.08 29.95	SE 2 2	25 33 40	Very white frost early, clouds and sun, then a thaw, and cloudy night.		
W. 9.	-72 -60	SE 3 SSE 3 SE 3	35 41 47	Cloudy morning moon then partly bright 10 ^{or} 2 ^{or} mild & pleasant 0.41 am. in the afternoon. fine night.		
Th. 10.	-50 -63	E 1. E 1 NE 1	37 41 41	Cloudy, thick, and gloomy most of the day, but rather clearer after sun set. rain at 7 pm.	0.02 0.06	
Fr. 11.	-86 -79	NE 1 E 2. E 1.	30 34 45	Clouds & sun in the morn'g, then from 11 am, very bright most of the day. Cloudy night and change.		
Sat. 12.	-60 -77	NE 1 N 2. N 2.	32 33 35	Snow & rain in the morn'g & till noon. fine pm, but cloudy overcast and fine evening & night.	0.14	
Sun. 13.	30.04 -18	N 1 NNW N 1.	33 36 39	Cloudy, gloomy and little rain at times, similar all night.	0.03 0.04	
Mon. 14.	-23 -24	N 1. N 1. N 1.	35 36 38	Overcast & thick gloomy, and miz- gling at times. rather clearer from 3 pm. fine night.	0.02	
418.19			227 286	Mean temp	36.64 -	Rain cover 0.31
			513	nearly 1° below Average.		

January 1889.

Jan.	Baro. meter	Wind	Thermom. Min 8 Max	Character.	Notes	Rain. 0.31
Tu. 15.	30.24 -20	NE 1 Var. E 1.	34 34 36	Cloudy and thick, wind veering but chiefly East most of the day. Fine night & cloudy.		
W. 16.	-09 -07	SE 1. Varo SE 1	31 32 34	Cloudy, thick, cold and very gloomy all the day, and a fine cloudy night.		
Th. 17.	-25 -48	S 1. S 2. E 1.	31 33 40	Cloudy, little snow full moon at 8 ² , then fine and clearer the afternoon bright, evening foggy.		
Fr. 18.	-39 -34	SW 1. SW 2 SW 1.	31 37 48	Clouds and sun in mild and cloudy day, and the night similar.		
Sat. 19.	-35 -32	W 1. W 2. W 2.	34 35 45	Clear, very bright most of the day, some light clouds in the afternoon. Red clouds at set.		
Sun. 20.	-29 -33	W 1. W 1. W 1.	35 36 41	Cloudy morn'g, and a little rain at times, but a bright after- noon Clear golden set	0.10	
Mon. 21.	-32 -30	SW 1. SW 2 W 2.	29 32 40	Fog & little frost in the morn'g. Some fog also most of the day and colder current showers in the evening.	0.05	
423.42			225 284	Mean temp	36.21 -	Rain cover 0.46
			507	1 1/4° below Average.		

January 1889.

Jan	Baro meter	Wind	Therm's Min & Max	Character	Notes	Rain 0.46
Tue. 22	30.40 -44	NE 1 NE 2 NE 1	33 37 41	Clouds and sun with a stormy ap- pect, although high Barometers. Fine night, little fog.		
W. 23	-50 -48	NW 1 NW 1 SW 1	30 32 41	Little frost a m. bright and calm day, very little of cloud. Even foggy		
Th. 24	-47 -46	NW 1 NW 2 NW 2	29 34 42	Fog more or less, moon and a gloomy last 20 day, but rather clearer p.m., but a cloudy night	3.57 p.m.	
Fr. 25	-43 -40	W 2 W 3 WSW	34 41 44	Cloudy, more or less, and gusty wind. Fine but cloudy night.		
Sat. 26	-38 -36	W 2 W 1	35 40 50	Very bright, mild and plea- sant, few light clouds only.	Cloudy evening	
Su. 27	-58 -62	WNW 1 W 1 W 1	30 32 42	Clear & frosty morn'g, and very bright day, Frosty night.		
M. 28	-47 -44	S 2 S 2 SW 2	28 37 48	Hazy, cloudy and average again. The day bright with light clouds, mild night.		
426	43		219 308	Mean Temp 37.642	Rain can up	0.46
527 = Slightly over the Average.						

January 1889.

Jan	Baro meter	Wind	Thermom Mer 8 am	Thermom Mer 5 pm	Character	Notes	Rain
Tu. 29.	30.08	SSE 4/40	43	47	Breezy mild morn'g and the day cloudy, mild. Little rain, clearer after 4 pm		0.46
W. 30.	30.05	SW 2/31	33	47 1/2	Hazy, little rain at 9 am. Unsettled and little showers pm. mild night.		0.4
Th. 31.	30.02	WSW 2/40	45	54	Clouds & sun, mild morn'g, and the day similar, but showers in the pm. Red sunset.	micro moon 9.10 am.	0.2
	29.84	W 3/4					
	179.84		111	148.5	Mean last 3 days. } 42.83.		Rain 0.58
Barometer					Thermometer		
Highest on the 3- 30.72					Highest on the 31- 34.5		
Lowest on 10- 29.50					Lowest on the 6- 16.2		
Range 1.22					Range 37.5		
Mean of month 30.21					Mean daily range 10.40.		
					Mean of month 35.52.		
No positive gales all this month.					Nearly 2 under Average..		
Prevailing winds SW & W but much divided.					Fine days 22 in number, Rainfall only .58 of an inch.		
This was a dry and fine month, but few days of rain, and no snow but a slight scattering on two of those days. Many light frosts, but none sharp except in the first week, yet it was a cold month on the whole.							

February 1889.

Feb.	Baro meter	Wind	Thermom. Min. 8. Max.	Character.	Notes	Rain.
Fr. 1. 29.93	SW 2.47 SW 2. -75 SW 2.	48 56		Very mild with grey clouds and sun. Rosy sky at sunset. Gale night and colder.	Snowdrops in bloom.	
Sat. 2. -75	W 6. W 5. -67 W 4.	33 35 42		Sudden snow storm. Sun then bright, with a few clouds & brisk wind. Snow & rain 4 1/2 pm.	Great change.	
Su. 3. -33	W 3. W 2. -25 W 2.	30 31 42		Clear and bleak in the morning, and the day partly bright, but after 2 pm. Sleet showers cloudy evening.		0.3
Mo. 4. -91	N 2. N E 3. N E 2. 30 24	32 32 34		Snow from before 8 am. at times heavy till 10 am, afterwards sun and snow showers by turns. Frosty night.		
Tu. 5. -25	W 2.25 W 1. -10 W S W 2.	31 40		Frost am, fine and bright day, but became hazy towards evening, cloudy evening.		
W. 6. -03	W 3.35 W 2. -03 Var 1.	38 44		Clear morning, then hazy a while but again bright with light clouds, rain at night.	Shower early am.	0.4
Th. 7. 29.70	N E 2. N E 2. -02 N W 2.	34 36 40		Rain early, cloudy moon forenoon, afternoon partly bright. The evening changeable.		2.4
416.96		236 298		Mean Temp 38.142.	Rain over.	0.31

534 — Slightly below the Average.

February 1889.

Feb.	Baro meter	Wind	Thermom. Min. 8. Max.	Character.	Notes	Rain. 0.31
Fr. 8. 29.71	SW 4.28 SW 6. -40 N W 7.	28 35 46		Frost early, then gale with storm of rain till 2 pm. Afterwards fine and clear. Gale N W all night.	Great gale all night.	1.8
Sat. 9. -52	N W 6.30 N W 5. -70 N W 4.	30 34		Clear with a keen boisterous wind very cold all day. Clear evening, less wind.	Very gale and cold.	
Su. 10. -81	W 1.20 W 2. -50 S W 1.	25 32		Clear & severe frost, hazy after 10, and then overcast. Snow from 3 pm, all evening from 5 1/2 pm.	(snow)	
Mo. 11. -50	N E 1.27 N W 1. -80 N W 1.	27 30 36		Cloudy, less frost, frequent falls of snow during the day. Fine after 3 pm, some sun. Severe night.	much snow.	
Tu. 12. 30.10	N W 1.9 N W 1. -25 N W 1.	25 36		Very severe morning, snow showers in the day, & sun at times. Excessive frost at night.	(6 pm 19° 8 pm 13° 9 pm 10°)	
W. 13. -22	S 0.5 S 2. -08 S 3.	5 20 36		Extreme frost & fog then cloudy, and a gradual thaw, with rain in the evening.		1.2
Th. 14. 29.61	SW 2.32 SW 1. -55 W 1.	32 43 45		Cloudy and milder. Hazy & cloudy most of the day. Fine and clear night.		
416.75		1522 65		Mean Temp 29.78.	Rain over.	0.61

417 — 94° Below Average.

Results for February 1889.

Barometer.	Thermometer.
Highest on 18 th 30.44	Highest on 1 st & 18 th 56°
Lowest on 3 rd 29.25	Lowest on 13 th am 5°
Range 1.19	Range 51°
Mean of month 29.94	Mean daily range 12°
Gales on 3 days.	Mean of month 35.75
	3 ¹ / ₄ under Average.
Prevalent winds W, N.W., and S.W.	Fine days 11 in number, Rainfall 0.89.

This was a cold month on the whole, but the 1st, 17th & 18th were very mild days; and remarkable changes of wind occurred as well as in the temperature and density during the month. The frost was severe on the 10th, 12th and 13th, and the last week was frost and snow. The main of this winter was in the two months now ending, so far of a shorter period than the previous two winters, which had begun in the previous Autumn, and continued with very unbroken progress far up in the succeeding Springs; whereas this began generally with the year, but a brief fit of frost partially occurred in the middle of Dec last.

March 1889.

March	Barometer	Wind	Thermometer	Character.	Notes	Remarks
Fr. 1.	30.00	N.E. 24	28	Clear & keen frost am. New moon.		
	-.01	E. 2.	39	Continued bright till noon; but the pm. partly cloudy, & little snow at times. Fine night.	10.1 pm.	⊗
Sat. 2.	-.04	N. 24	28	Clear & keen frost, am. chiefly bright and few clouds. Sudden fall of snow at 5 pm.		⊕
	-.08	E. 1.	39	Sharp frosty night.		
Su. 3.	-.10	Var. 17	29	Clear and severe frost am. Bright forenoon, but in the afternoon snow at times, and severe night.		⊗
	-.11	N.E. 38				
M. 4.	-.12	N. 18	22	Severe frost & calm clear morning, afterwards clouds and sun but chiefly bright. Sharp frost at night.		
	-.14	N.E. 38				
Tue. 5.	-.18	N.E. 19	22	Sharp frost & clear morning. Clouds and sun in the day, but very cold. Sunset quite clear. Frost moderating.		
	-.22	S.E. 37				
W. 6.	-.20	S.E. 24	31	Frost more moderate, am. and much milder day, hazy with some sun. Change in the night. and stormy.		
	-.10	S. 2. 43				
Th. 7.	29.78	S.E. 33	37	Locally snow & rain, but after 10 am. rain only, and a dark atmosphere, but much milder after 2 pm.		⊗
	-.51	S. 2. 47				.18
	420.59		1595281	Mean Temp 31.464.	Rain cal over 0.18	
			4405	= 10 ¹ / ₂ ° below Average.		

March 1889.

March	Baro metr	Wind	Therm Min 8 Max	Character	Notes	Rain 0'18
Fr. 8.	29.50	S 2.	43	Rain early, mild and breezy day, with clouds & little sun.		10
	-33	S 3. S 4.	47 52	cloudy & breezy night.		
Sat 9.	-52	SW 6.	33	Gale & rain 5 am. — moon	1st Dr.	16
	-81	SW 2 & 1.	38 47	The day bright, with some clouds and clear most of the evening.	5.59 pm.	
Su. 10.	-90	Var. 2.	27	Some frost early, Hazy & calm most		
	-91	NW 0. NE 1 NE 1	34 44	then foggy, afterwards cloudy. Evening the same.		
Mo. 11.	30.02	N 1.	33	Clear, bright with some clouds, stormy aspect, but chiefly sun and cold breeze.		
	-12	N 2. N 2	38 44			
Tu. 12.	-28	W 1.	28	Frost early am, then hazy at times with partial sunshine.		
	-26	W 2. SW 2	34 48	cloudy and mild (night).		
W. 13.	-18	SW 2.	39	Mild and breezy, with clouds and sun, and the afternoon brighter.		
	-21	SW 3. W 2.	45 53	Cloudy evening, and wind North.		
Th. 14.	-35	N 2.	37	Cloudy & breezy. The afternoon clearer, and partly bright.		
	-40	NW 2 NW 2	40 44	Evening fine.		
419.79			24.2 33.2	Mean Temp 40.857.	Rain cal over	0'44
			572	— about 17 under the Average.		

March 1889.

March	Baro metr	Wind	Therm Min 8 Max	Character	Notes	Rain 0'44
Fr. 15.	30.54	NE 1.	29	Hazy, little frost early, day bright with cumuli clouds, and clear cold evening.		
	-60	NE 1. NE 0.	34 41			
Sat 16.	-48	SW 1.	23	Frost abated early am, hazy and thick all the morning, but after 11 am, bright at times.		
	-35	SW 2. W 2.	34 49	fine night.		
Su. 17.	-27	W 2.	34	Bright morning full moon, then clouds & sun. 11.47 am, and warmer late in the afternoon.		
	-22	W 2. W 1.	38 52			
Mo. 18.	-08	SW 1.	40	Hazy & mild morning. Grey clouds during the day, and from 2 pm. brighter, every cloudy.		
	29.90	SW 2. SW 1.	42 49			
Tu. 19.	-60	SE 2.	37	Cloudy from 8 am. till 10, then bright at times, and also mild. Mild and breezy night.		
	-31	S 2. S 2.	41 55			
W. 20.	-17	S 2.	38	Shower early am, and changeable day, shower & sun.	Thunder	07 06
	-21	S 3. Var.	43 52	Cloudy evening and night.		
Th. 21.	-41	NE 2.	32	Rain early am, dark with snow from 10 till 11 1/2 am. Cold blowing afternoon, snow at times.		23
	-70	NE 3. NE 3.	42 42			
418.84			23.3 34.0	Mean Temp 40.928.	Rain cal over	0'80
			573	— about 2 under the Average.		

March 1889.

March	Barometer	Wind	Thermom. Min 8° Max	Character	Notes	Rain 0.80
Fr. 22.	30.12 -20	NW. 28 NW. 34 W. 45		Frost am. Chiefly fine since dawn, clouds & sun, & the afternoon brighter.		.12
Sat. 23.	-30 -28	WSW. 34 SW. 40 WSW. 52		Bright, mild, and pleasant, with a few clouds. Cloudy evening.		
Sun. 24.	-22 -21	SW. 42 SW. 49 SW. 63		Mild morn, and moon a hazy sky. The last Dr afternoon bright 6.54 am. and very warm & pleasant.		
Mon. 25.	-11 -02	SW. 44 WSW. 50 W. 55		Hazy close morn. Cloudy till after 2 pm, slight showers, then partly bright, and a fine night.		.02 .01
Tu. 26.	-00 -10	NW. 37 NNW 41 N. 48		Breezy, with clouds and sun, but after 11 am more cloudy and unsettled. Fine night.		
W. 27.	-22 -30	NW. 35 NW. 38 N. 45		Cloudy with sun, and a brisk and chilling wind. Clearer night.		
Th. 28.	-48 -41	SW. 26 S. 35 S. 53		Keen frost early, very bright day, and much warmer. Cloudy and hazy evening & night.		
422.97		246.361	Mean Temp 43.357.	Rain 0.95		

607 = Nearly 1 1/2° above average.

March 1889.

March	Barometer	Wind	Thermom. Min 8° Max	Character	Notes	Rain 0.95
Fr. 29.	30.36 -29	W. 42 W. 48 W. 58		Mild morn, and little fog. Hazy all day close & warm. The evening the same.		
Sat. 30.	-21 -12	W. 42 W. 47 W. 56		Gentle rain at 7 & 8 am, then fine & mild with clouds and sun. Close night.		.04
Su. 31.	-01 -01	NW. 39 NW. 43 Var. 53		Rain early, then new moon bright with some rocky electric clouds. Distant rain S. 4 pm.	11.37 am	.08
181.00		123	167	Mean 3 days 48.33	Rain 1.07	

Barometer.	Thermometer.
Highest on the 15 th 30.60	Highest on 24 th = 63°
Lowest on 20 th 29.17	Lowest on 3 rd = 17°
Range 1.43	Range 46°
Mean of month 30.05	Mean daily range 15.14
Gales on 2. Days.	Mean of month 40.04
Prevailing winds SW, NW & S.	Nearly 2° under Average.
	Fine days 19 in number.
	Rain fall 1.07

This was on the whole a cheerful and cold month, yet far less cold than in previous 2 years. It was notable for continual changes in the winds and temperature, and also of the Barometer, but the rain was trifling, and it proved a very favourable seed time. The conclusion of winter was the 16th day.

April 1889.

April	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain
Mon. 1.	30.05 -00	NW ₂ 34 SW ₃ W 6.	40 51	Clear till 8, then hazy till 10, afterwards clouds and sun, wind squally after 3 pm. Gale & rain 6 pm.	A little rain early am.	.04 .15
Tu. 2.	29.97 30.00	NW ₃ 33 NW ₂ 42 NW ₂	42 46	Clouds and sun and a cool gusty wind. More clouds after 3 pm. Sleat in the night.		
W. 3.	29.96 -80	NW ₂ 31 NW ₂ 38 S ₂	47	Sleat showers early am, then fine with clouds and sun, cloudy evening and rain in the night.		
Th. 4.	-44 -41	S ₁ 35 S ₂ S ₁	47 54	Rain early am. hazy forenoon, the afternoon bright and warmer. Clear night.		.12 .03
Fr. 5.	-60 -66	SE ₀ 39 SE ₁ ESE ₁	47 50	Close hazy morning grey clouds and but little sun in the day. but brighter after. 3 pm, but cloudy evening.		
Sat. 6.	-70 -72	NE ₁ 33 NE ₁ NE ₁	43 47	Foggy morning, then cloudy more or less through the day. Rain in the evening and part of night.		.28
Su. 7.	-60 -61	SE ₁ 37 SE ₁ ESE ₁	41 50	Hazy & calm, very thick morning till 11, then partly bright and from 4 pm very bright evening.		
416.52 242.5345 Mean Temp 41° 9' 28" Rain 0.62						

587.5 = 6 1/2 under Average.

Unusual as present.

April 1889.

April.	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain 0.62
Mon. 8.	29.60 -53	ENE 35 ENE ₂ NE ₁	44 49	Hazy morning, and in the day much hazy & little sun. and the evening also hazy, but fine.	Moon 1st 20 1.47 pm.	
Tu. 9.	-53 -64	NE ₂ 39 ENE ₂ E ₁	44 49	Hazy morning till 11 am, then clearer, grey clouds, and gleams of sun, Evening cloudy.		.02
W. 10.	-64 -68	NE ₁ 39 NE ₂ E ₂	44 49	Hazy and cloudy more or less dark and rainy afternoon and part of night.		.15 .15
Th. 11.	-68 -72	SE ₁ 35 SE ₂ SE ₁	45 51	Foggy morning, but the day partly bright with electric cumuli. Very bright evening till sunset.	Thunder in the E all afternoon.	
Fr. 12.	-78 -81	Var. 30 W ₁ Var. 1 NE ₂	41 49	Foggy all the morning, clearer in the after- noon, & partly bright. but hazy evening.		
Sat. 13.	-84 -87	N ₂ 36 N ₂ NW ₁	42 47	Cloudy till 10 am then partly bright till noon, afterwards cloudy & little rain and more at night.		.02 .32
Su. 14.	-82 -92	NW ₁ 35 N ₁ NE ₂	41 44	Cloudy, with a little sun at in- tervals. Raining evening.		.03
416.06 249.338 Mean Temp 41° 9' 25" Rain 1.31						

587. = 6 1/2 under Average.

These 2 weeks alike to half a hundredth.

April 1889.

April	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes	Rain 1.31
Mon. 15.	30.02 -04	NW ₁ 34 NW ₂ NW ₁	44 48	Clouds and sun, unsettled and very cool for the season but fine.	Full moon 10.19 pm.	
Tu. 16.	-08 -07	NW ₁ 32 NW ₂ NW ₁	43 49	Hazy morning, clearer from 10 am, clouds and sun, with a cool wind. Cloudy evening & night.		
W. 17.	-05 -09	SW ₁ 33 SW ₂ W ₂	44 50	Hazy, cloudy and gloomy, near alike all the day, and a cloudy night.	Wynneck all the day, and a cloudy night.	
Th. 18.	-18 -22	W ₁ 43 Varo W ₁	49 59	Hazy & close morn. cloudy till near noon, then brighter with light clouds & warm. Evening bright also.	Cuckoo heard.	.02
Fr. 19. Good Friday.	-23 -29	W ₂ 39 SW ₂ SW ₁	52 60	Fog early then bright and the afternoon very bright and pleasant. Hazy & close evening.	Wynneck & Cuckoo both heard.	
Sat. 20.	-16 -10	S 2 41 SW ₂ SW ₁	52 61	Mild hazy morn. then clouds and sun, warm and pleasant. The evening the same, fine mild night.		
Su. 21. Easter Day.	29.99 -178	SW ₂ 41 SW ₃ SW ₅	52 58	Breezy with clouds and some sun, but a soft and growing air squally night.		.03
421.30				Mean Temp 46.285.	Rain car up	1.36

64.8 = 2.4° under Average.

A much more genial week.

April 1889.

April	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes	Rain 1.36
Mon. 22.	29.94 -98	SW ₂ 35 SW ₂	51 57	Clouds and sun, very slight showers pm, but chiefly bright. Thunder distant. pm.	noon last 2 1.56 pm. Thunder.	.01
Tu. 23.	-97 -71	Varo 35 SW ₂ SW ₄	48 56	Bright with cumuli clouds, then squally with thunder showers in the evening.	(Nightingale sang. Thunder.	.23
W. 24.	-62 -69	S 1 37 S 1 SW ₁	51 56	Clouds and sun, and a growing air, distant thunder. Evening calm with a thin haze.	Thunder 3 pm. 4 pm.	.06
Th. 25.	-85 30.08	N 2 41 NNE 2 N 2	47 57	Much rain early, then cloudy and colder, little sun pm, but chiefly cloudy. Fine night.		.27
Fr. 26.	-12 -11	W 1 38 WSW S 2	51 59	Clouds and sun after- wards chiefly bright, with a thin haze. Very bright evening. Hazy evening.		
Sat. 27.	-10 -12	S 1 44 S 1 SSW 1	54 60	Rain early, cloudy & close till noon, then bright at times, and warm afternoon. Evening hazy.		.14
Su. 28.	-01 29.90	SE 1 42 S 2 SE 1	52 58	Light rain early, changeable, cloudy and sun at times. From 3 pm chiefly bright, evening also.		.05
419.20				Mean Temp 47.785.	Rain car over	2.12

66.9 = very near Average.

A seasonable week.

April 1889.

April	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain 2.12
M. 29.	30.02	S. 1.	36	Bright and plea- sant, with light clouds. Evening very bright, but a cool air.		
	-05	S. 1.	51			
		SE 2.	59			
Tu. 30.	29.85	E 2.	41	Cloudy thick and new moon gloomy morning. 2.5 am. '04		
		SE 1.	52	partly bright pm.		
	-75	SE 1.	62	and warm.		
				little rain near 11 am.		
	119.67		77/121	Mean 2 days 49.5.	Rain 2.16	

Barometer,
Highest on the 19th = 30.29
Lowest on the 4th = 29.41.
Range 0.88
Mean of month 29.87

Gales on 2 Days.

Prevailing winds SW,
S, NE, and NW.

Thermometers
Highest on the 30th = 62.
Lowest on 12^{am} = 30.
Range 32.
Mean daily range 15.88.
Mean of month 44.82.

3 1/2° below Average.

Fine days 18 in number.
Rainfall 2.16 inches.

This was a harsh and backward month
with but little sun, but frequent rains,
and in the last week much Thunder.
Vegetation is still in arrears, but all the
migratory birds have fully kept up to
their usual day of resuming their annual
salute to us.

May 1889.

May.	Baro meter	Wind	Therm Min 9 Max	Character	Notes	Rain.
W. 1.	29.90	SE 1.	41	Bright with grey clouds, but more cloudy in the after- noon. Rain in the evening & night.	Cuckos more tameful. 7 am.	.18
	-96	SE 2.	52			
		SE 1.	55			
Th. 2.	-92	E 1.	37	Hazy till 10, then clearer, clouds & sun, but for the most part cloudy.	Bright evening	.04
	30.01	SE 2.	49	Cleare again after 4 pm.		
		S 1.	58			
Fr. 3.	-11	SW 1.	38	Fog early, then clouds and sun, warm and growing day. Very bright from 3 pm.	Cirrocumulus at sunset in W.	
	-11	SW 2.	53			
		S 1.	63			
Sat. 4.	-11	SE 1.	45	Bright and hot a lovely day of the full glory of spring & a brilliant sunset.	11 am 68 noon 70 1/2 2 pm 71. Lightning SE 10 pm.	
	-11	SE 1.	62			
		E 1.	71			
Sun. 5.	-07	E 1.	42	Fog early, then very bright and hot all day. Distant Thun- der in S, in the evening.	11 am 69 noon 72 2 pm 74. Thunder	
	-03	E 1.	62			
			74			
M. 6.	-00	NE 1.	48	Bright and splen- did morn'g and a very hot & bright day.	10 1/2 am 70. noon 74. Max 74 1/2.	
		NE 1.	64	Thunder distant 7 pm in E & S.	Thunder	
	-02	E 1.	74			
Tu. 7.	-01	SE 1.	47	Very bright & hot but near noon hazy.	10 1/2 am 72. Max 73	
		SE 2.	67	then again bright but from 6 pm very cloudy all evening.		
	-00	S 1.	73			
	420.36		298.4685	Mean Temp 54.75.	Rain con over	0.22

766.5 = 1/4° above Average.

May 1889.

May.	Baro. meter	Wind	Therm. Min. 9. Max.	Character	Notes	Rain 0.22
W. 8.	30.01 -02	S 2. S 2. S E 2.	51 57 68	Cloudy & close all morn the morning; bright & Dr and warm pm, and 6.42 am the evening bright		
Th. 9.	-00 29.92	E S E 2. E S E 2. S E 2.	46 64 70	Bright and breezy morn'g. Hot sun, with parching wind all day. Heavy from 4 pm. Light severe at 8 pm. Thunder.		
Fr. 10.	-90 -99	W 1. NW 1. NW 1.	52 53 59	Close & showery morn'g, much cloud most of the day & a little rain at times more in the night.	12 04	
Sat. 11.	-89 -90	W 2. W 1. W 2.	49 49 57	Hard rain at times from 2 am till 8 am and a dark and showery day, but finer night & cloudy.	1.08 .26 .22	
Sun. 12.	-90 -93	W 1. W 1. SW 1.	48 50 53	Cloudy till noon, rather clearer a while, but again cloudy more or less & but little wind.	Great Flood over the valleys.	
Mon. 13.	30.00 -02	SW 1. SW 1. SW 1.	47 52 55	Close & cloudy morn'g, clears afternoon with partial sun, but much grey cloud, and evening the same.		
Tue. 14.	-03 -02	N E 0. N E 1. Var. 0.	48 57 60	Foggy till after 9 am, then clearing off, and partly bright during the afternoon. Cloudy even, slight wet.	01	
41953 Mean temp { 54° 10' - Rain 1.95 7575 Slightly under Average.						

May 1889.

May.	Baro. meter	Wind	Therm. Min. 9. Max.	Character.	Notes	Rain 1.95
W. 15.	29.99 30.03	N E 1. N E 1. N 0.	43 51 59	Fog early, then cloudy and sun, and very tranquil most of the day. Fine night.	Full moon 6.42 am	
Th. 16.	-10 -11	N 1. W 1. W 1.	42 55 68	Fog early, from 9 am, very bright and warm all the rest of the day. Evening heavy, and a fine night.		
Fr. 17.	-10 -07	N E 0. N E 0. SW 1.	48 60 69	Bright and calm morn- ning, then some light clouds, but chiefly bright. & a summer's afternoon.		
Sat. 18.	-10 -09	SW 1. SW 1. SW 0.	51 60 65	Close morn'g, from 10 am bright with thin clouds. warm and pleasant. Again hazy about 3 pm. evening the same.	Light rain 10 pm	.08
Sun. 19.	-08 -10	Var. 0. W 1. W 1.	50 56 59	Calm & close morning. much cloud & little sun during the day. Cloudy evening and night, but fine.	Hawthorn blossom.	
Mon. 20.	-14 -18	NW 1. W 1. Var. 1.	51 55 63	Little fog early, then cloudy till near noon, partly bright from that time; pleasant afternoon.		
Tue. 21.	-20 -21	N E 0. N E 1. E 0.	51 59 69	Bright lovely morn'g. chiefly bright and a very warm day, and bright evening.	Moon last Dr 9.58 pm	
42150 Mean temp { 56° 28' - Rain 2.03 788 = Nearly 2° above Average.						

A charming seasonable Week.

May 1889.

May.	Baro meter	Wind	Thermom. Min 9 Max	Character	Notes	Rain 2.03
W. 22.	30.15 -13	NE 0.49 NE 1. E 1.	67 78	Very bright and lovely morn., and very hot bright day, & evening.	10 am 70° noon 77° 3 pm 78° in sun 124°	
Th. 23.	-05 29.98	Var. 0.48 SE 2. SE 2.	70 80	Very bright, and very hot, & calm, rather more wind in the pm. Dark clouds in at evening. Lightning W.	11 am 76° noon 79° 2 pm 80°	
Fr. 24.	-90 -80	SE 2.50 S 1. S 1.	70 77	Very bright and hot with haze at times. Electric clouds and thunder S. at evening. little rain, close night.	noon 77° & so contin- ued.	
Sat. 25.	-74 -84	SE 2.54 SE 1. NE 1.	68 74	Sultry with clouds and sun, and in the afternoon much thun- der, SE & E. then a fine evening.	Much thunder.	
Su. 26.	-83 -90	NE 1.57 NE 1. NE 1.	56 59	Heavy rain since midnight till 4 am. Day fine and cloudy. more or less. Evening the same.	Grain am.	45
M. 27.	-90 -88	NN E 2.50 N 1. Var. 0	54 57	Thunder S at 4 to 5 am. Cloudy till 2 pm then showery & thunder most of the after- noon, and night.	Thunder early and pm.	16 10
Tu. 28.	-85 -90	S 1.52 S 3. S 2.	56 65	Rain & thunder early am. Clouds and sun very warm. Cloudy evening, but fine.		28
418.85			354490	Mean Temp 60° 285.	Rain 3.02	

844 = 5.78 above Average.

A hot week for this period of the year.

May 1889.

May.	Baro meter	Wind	Thermom. Min 9 Max	Character	Notes	Rain 3.02
W. 29.	29.89 -89	S 2.49 SW 2. S 2.	54 62	Clouds and sun, then squally showers & sun between. Finer pm, and a bright evening and fine night.	merc moon 5.20 pm. 15	
Th. 30.	30.01 -03	SW 2.45 SW 2. SW 1.	57 63	Bright with some clouds, pleasant and tem- perate day. Evening bright, & fine night.		
Fr. 31.	-02 -02	S 2.47 S 2. S 1.	58 65	Very bright morning then breezy with clouds, and sun, and very bright evening, and fine night.		
179.86			141190	Mean 3 days 55.16.	Rain 3.17	

Barometer
Highest on 21st 30.21
Lowest on 25th 29.74
Range 0.47
Mean of month 30.00

No gales in the month.

Prevailing winds S E,
N E, and W to SW.

Thermometer
Highest on 23rd 80°
Lowest on 2nd am 37°
Range 43°
Mean daily range 17.61
Mean of month 56.24

1 ³/₄ deg. above Average.

Fine days 22 in number,
Rainfall 3.17 Inches.

This was a very warm, growing, and lovely
May, beyond any for many years past
and all nature became in fullest splendour
before the close of the month.
Not one frosty morning during this May.

June 1889.

June	Baro. meter	Wind	Thermom. Min. 9. Max.	Character	Notes	Rain.
Sat. 1.	30.12 -13	SE 1. SE 3. SE 1.	48 63 67	S lovely morn'g, bright & tranquil; and the day bright & breezy and fine night.		
Sun. 2.	29.98 -92	E 2. E 1. SE 1.	53 73 81	Bright with excessive heat, and the evening bright. Thunder storm at 8 pm then fine.	76° at 10 80° before 12. 81 max. Storm 8 pm	.12
M. 3.	-97 30.15	WSW 59 WSW W 1.	59 65 72	Hazy, then clouds and sun and very pleasant day. The evening and sunset very clear.		
Tu. 4.	-29 -46	WSW 49 WSW W 1.	49 64 71	Bright with a few light clouds and hot in the afternoon and bright evening.		
W. 5.	-50 -44	NE 1 47 NE 2 NE 1.	47 63 68	Very bright morning, and a bright and parching day. Cloudy from 3 pm all evening.		
Th. 6.	-29 -22	N 2 53 Var. 0. NE 2. NE 1.	53 66 79	Blue haze & cloudy morn'g, clear off at 8. 2 pm. From very hot and bright day. Very close night.	moon 1 st gr 8. 2 pm. Thermom in sun 132°	
Fr. 7.	-15 -18	NE 1 59 NE 1. NE 2.	59 69 71	Heave thunder from 3 am till 1 pm, and rain at times. Bright and hot pm. Hazy and cloudy evenings.	Thunder over 10 houses! near sea.	.05 .18
422.80		368.509		Mean Temp 62.64		Rain can up 0.35

877 = 2 above Average.

A notable week to be remembered.

June 1889.

June	Baro. meter	Wind	Thermom. Min. 9. Max.	Character	Notes	Rain 0.35
Sat. 8.	30.10 -01	NW 2 53 NW 1 NW 1.	53 57 60	Some rain early, cloudy and cooler, and the same all day; the evening similar, and fine night.		.15
Su. 9.	29.90 -83	NE 1 51 N 1. NW 2	51 55 56	Gray haze & cloudy more or less, nearly alike all day. Clear after 6 pm for a time.		
Whitsun	-83	NW 2	56			
M. 10.	-83 -97	NE 4 48 NE 4 NNE 3	48 50 51	Breezy & rainy early am, and till near 7 am. flying showers in the day, and again in the night.	Great rain early.	.72 .12 .13
Tu. 11.	30.02 -05	NE 2 49 E 1. SE 1.	49 54 63	Overcast & rain early clearing from 9 am. Afternoon sunny and pleasant, and evening partly bright.		.42
W. 12.	-10 -10	W 1 52 W 1. WSW 1	52 60 64	Hazy morn'g, then clearer with clouds & sun, calm and pleasant. Evening partly clear at sun set.		
Th. 13.	-10 -08	SE 1 53 SE 1. SE 1.	53 63 70	Hazy morn'g, then Full moon clearer, the afternoon chiefly bright, and hot. Evening hazy but a fine night.		
Fr. 14.	-10 -10	W 1 51 SW 1. SW 1.	51 63 72	Bright with some thin clouds, and hot in the afternoon; blue haze 3 pm; bright evening.		
420.29		357.436		Mean Temp 56.642.		Rain can over 1.89
		793		= 4° below Average.		

June 1889.

June	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes.	Rain 189
Sat, 15.	30.10 -14	W. 1. W. 0. var 0.	53 62 66	Cloudy, hazy morn ^g , then cloudy, and the pm. showery between 2 and 5 pm. Fine night.		.08 .06
Su. 16.	-19 -21	NE 1. NE 1. NE 0.	55 61 69	Bright & lovely morning, and a bright and very warm day & evening		
Mon. 17.	-29 -32	NE 1. NE 1. NE 1.	48 58 67	Grey clouds all the morn ^g , Bright and pleasant afternoon and evening.		
Tu. 18.	-33 -30	NE 2. NE 2. NE 1.	49 57 63	Cloudy morn ^g , but 3 or 4 became clearer, and a bright after- noon. Some clouds at eve.		
W. 19.	-23 -21	NE 1. NE 2. NE 1.	44 57 63	Cloudy morning then clearer, and a bright afternoon and cloudy evening.		
Th. 20.	-21 -18	NE 1. NE 1. NE 1.	51 61 69	Clouds and sun, moon in the morn ^g , and pleasant day, and partly bright and hot pm. & evening also.	moon last Dr 7.35 a.m.	
Fr. 21.	-20 -21	NE 1. NE 1. NE 1.	53 62 69	Light clouds & sun a parching day chiefly bright and a hot afternoon cloudy evening.		
42312			353466	Mean Temp 58.5.	Rain cal up 2.03	

819 = 2° below Average.

A good and seasonable week.

June 1889.

June	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes.	Rain
						2.03
Sat. 22.	30.21 -20	NW 2 Var 1 NW 2	50 58 72	Close & hazy morning, till 9 am, then bright all day, and a hot af- ternoon. Cloudy even- ing, but fine night.		
Su. 23.	-18 -15	N 2 N 2 N 1	52 59 69	Cloudy morn ^g , clearing till noon, then bright and hot, with cumuli clouds. Partly cloudy at evening, and night		.01
Mon. 24.	-16 -16	NE 1 NE 1 NE 1	53 62 68	Cloudy & close morn ^g , clearer after 9, chiefly bright & very warm and pleasant. Close evening & some clouds.	.240	
Tu. 25.	-20 -21	NW 1 NE 1 SE 1	53 62 72	Close morn ^g clouds and sun, calm day, sun at times, and hot pm. Bright evening, golden fine night.		
W. 26.	-22 -20	NE 1 NE 2 E 1	50 68 73	Very bright and hot, but breezy at times which partly subdued the heat. Lightly cloudy after sunset.		
Th. 27.	-19 -19	NE 1 NE 1 NE 1	51 69 75	Very bright and hot, nearly alike all day, a few small cumuli only. Sun set red in grey haze.		
Fr. 28.	-20 -21	NE 1 NE 1 SE 1	48 69 77	Very bright lovely morn ^g , and very hot and clear day. Even- ing hazy & close, & sun set at setting.	new moon 8.54 am.	
42268			357506	Mean Temp 61.642.	Rain cal over	2.04 3

863 = 1° above Average.

A splendid week of real summer-weather.

June 1889.

June	Barometer	Wind	Thermom	Character	Notes	Rain
			Min 9 am Max			2.04
Sat. 29	30.28	S E ½	53	Fog till after 6 am, then very hot and bright till 3 pm afterwards some clouds & close evening.		
	-30	W ½	68			
		W 1.	78			
Su. 30.	-37	W 1.	53	Calm, bright, and lovely morn 9, and continued bright and hot, but more breezy in the close of the day.		
	-37	W 2.	67			
	-37	SW 1.	76			
	121.32		106/154	Mean temp } 65°. last 2 days.	Rain 2.0	

Barometer.

Highest on the 5th - 30.50
Lowest on 9th & 10th - 29.83

Range 0.67

Mean of month 30.16

No Gales, but blustering on the 10th.

Prevailing currents the N. E. and W.

Thermometer.

Highest on the 2nd - 81°
Lowest on 19th am - 44°

Range = 37°

Mean daily range 17.66.

Mean of month 60.2

About the true Average.

Fine days 24 in number,
Rainfall 2.04 inches.

This was a very fine, and hot summer-month, except the 2nd week when much rain and thunder prevailed for a few days. The heat was great at the beginning and latter part of the month. Splendid and bright days, with immense crops of clover and grass, and well secured, nothing to hinder!

July 1889.

July	Barometer	Wind	Thermom	Character	Notes	Rain
			Min 9 am Max			
M. 1.	30.42	NW 1.	53	Bright with light clouds, close morn 9. Pleasant day, grey clouds & sun with a cooler breeze. Night partly cloudy.		
	-46	NE 2.	65			
		NE 1.	68			
Tu. 2.	-48	N 2.	49	Clouds and sun, with a cooler breeze, but fine and pleasant. More sun after 4 pm till 6, then cloudy.		
	-42	N 2.	58			
	-42	NE 2.	65			
W. 3.	-38	N 1.	54	Close and cloudy morn. Grey clouds most of the day, and little sun, less warm in comparison than the past night.		
	-36	N 1.	59			
	-36	N 1.	62			
Th. 4.	-30	N 1.	54	Grey clouds in the morn, slowly clearing after 10 am. Warm and pleasant afternoon. Cloudy after 4 pm. Fine night.		
	-28	N 1.	59			
	-28	NE 1.	68			
Fr. 5.	-30	NE 1.	57	Very bright & lovely morning, and the day also bright and hot. Evening hazy after sunset.		
	-28	NE 2.	67			
	-28	NE 1.	73			
Sat. 6.	-22	NW 1.	49	Bright & splendid morn moon rising, and the day hot & chiefly bright. Evening 5.59 am. close, hazy & threatening.		
	-10	W 1.	65			
	-10	SW 1.	77			
	-10	W 1.				
Su. 7.	29.92	SW 2.	60	Sultry & hazy morn. showers southward, and a short one here at 11 am, then partly bright. Fine night and partly clear.		
	-90	SW 2.	63			
	-90	W 2.	68			
	423.82		370/481	Mean Temp 60.785.	Rain 0.03	

851 = 2 7/10 below Average.

Another splendid week.

July 1889.

July	Baro	Wind	Thermom	Character	Notes	Rain
			9 May			0.03
M. 8.	29.98	NW 49 SW 1 30.00	58 66	Clouds and sun. pleasant, but an unsettled sky. Evening bright and tranquil.		
Tu. 9.	-05	SE 1 55 SE 2 -02 S 1.	64 72	Close morn'g, clouds and sun. Sultry day, but partly bright. Evening close and cloudy, some rain.		
W. 10.	29.92	SW 1 59 SW 1 -80 SW 2	64 70	Rain in past night, close and showery. After 3, partly bright and very warm. Fine evening. Shower 11 pm.	.32 .15 .04	
Th. 11.	30.08	SW 2 53 SW 3 -13 SW 1.	62 73	Bright morning very breezy day, bright and pleasant, and hot in the pm. Close and hazy evening.		
Fr. 12.	-13	Var. 0 56 SE 2 -12 SE 1. Var.	69 73	Close and hot with Full moon thin clouds, and 9.2 pm sun partly bright. Eclipse Thunder in W. at 5 to 6 pm. Eclipse veiled, 5-6 pm.		
Sat. 13.	-11	NE 1 59 E 1. -03 E 1.	61 64	Calm & close morn'g, Thunder little rain, and much rain during the day & distant thunder.	.06 .35 .20	
Su. 14.	-00	NE 1 57 NE 1. -02 NE 1	59 67	Shower early a m. The day fine, and bright and pleasant in the afternoon. Short shower evening.	.12 .02	
42 039 388 4855 Mean Temp 62.392						Rain 1.29

873.5 = 1.0/10 below Average.

A seasonable and good week.

July 1889.

July	Baro	Wind	Thermom	Character	Notes	Rain
			9 May			1.29
M. 15.	30.06	SW 1 54 SW 3 -02 W 1.	61 65	Morning partly hazy, unsettled day, shower at 10, bright pm. but distant showers and thunder 6 pm in S. 3 Thunder.	.12	
Tu. 16.	-00	WSW 3 49 WSW 2 -01 SW 1.	60 64	Very bright & breezy morn'g. Clouds & sun in the day, distant showers and thunder in the pm, in S. Fine night. Thunder.		
W. 17.	29.92	NW 1 51 NW 2 30.01 NW 1.	58 63	Fine & pleasant all. much 10 am; then a thunder storm across W from N to S, after- wards showery and sharper thunder in W, from 5 to 6 pm.	.11 .14	
Th. 18.	-08	NW 1 50 NW 1 -10 NW 1/2	58 65	Bright at first then partly cloudy, but chiefly bright, and a very clear and bright evening.		
Fr. 19.	-10	NW 1 45 SW 2 -07 SW 1.	57 67	Clear morn'g, very moon bright till near last 2 noon, then light clouds. 4.45 pm and sun, warm and pleasant.		
Sat. 20.	-02	SW 1 51 S 2. 29.91 S 2.	62 69	Bright morn'g, clouds and hot sun till noon, hazy pm and little showers. Sultry even'g, and night, but fine.	.03	
Su. 21.	-83	SW 2 56 SW 3 -78 SW 2	63 71 1/2	Sultry with clouds & sun few rain drops near 2 pm. then very bright and windy (Thunder Thunder in NW & NE. Fine & breezy night.		
419.91 356 4645 Mean Temp 58.607						Rain 1.69

820.5 = 5.0/10 below Average.

A changeable, and an electric week.

July 1889.

July	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain 1.69
M. 22	29.95 30.05	WNW ₄ NW ₂ SW ₁	52 59 66		Windy but bright morning, less wind in the day, & partly bright and mostly very bright after 2 p.m.	
Tu. 23	-00 29.88	SW ₂ S ₁ SE ₁	50 61 64		Calm morning, clouds & sun, showery near noon, partly bright, p.m. then a terrific storm 4 1/2 p.m. Fine night	.10 .24
W. 24	-97 -99	SW ₁ SW ₂ SW ₁	45 60 65		Clear, bright & dewy morning. The day hazy with some clouds, and sun at times. Evening close and cloudy.	
Th. 25	-76 -71	SW ₃ SW ₃ WSW ₃	57 60 62 1/2		Squally, showers early am. and during the day with sun at times cloudy evening and night	.11 .07
Fr. 26	-77 -91	NW ₂ NW ₂ NW ₁	52 58 61		Cloudy morning, and light rain at 6 am, the day mostly cloudy and slight showers, and a cloudy night	.02 .03
Sat. 27	-98 30.10	NW ₂ NW ₃ NW ₂	54 58 60		Low clouds, and a new moon few sprinklings of rain, and very little sun, but the evening bright & less wind.	.01
Sun. 28	-17 -18	NW ₁ W ₁ SW ₁	47 59 68		Warm and pleasant, & bright with light clouds. Close evening and night.	
419.42		357.4465		Mean Temp 57.392 Rain near up 2.27		

8035 = 6 3/10 below Average.

A very electric and turbid week.

July 1889.

July	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain 2.27
M. 29	30.19 -22	NW ₁ W ₁ SW ₀	56 61 67		Close & hazy morning and light haze in the day, but warm, and partly bright, and very so from 4 p.m. Hazy night.	
Tu. 30	-23 -28	Var. SE 1/2 SE 1/2	59 68 74		Hazy, then very bright and hot, through the day, and brilliant evening also.	
W. 31	-28 -26	SE ₁ SE ₂ SE ₁	52 67 74		Very bright and hot throughout the day, and the evening brilliant	
181.46		167.215		Mean 3 days 63.66. Rain 2.27		

Barometer.

Highest on the 2nd - 30.48

Lowest on 25th - 29.71

Range 0.77

Mean of month 30.04

No gales, but squally on the 20th.

Thermometer.

Highest on the 6th - 77°

Lowest on 19th & 24th - 45°

Range - 32°

Mean daily range 14.66

Mean of month - 60.17

3 1/2° below Average.

Prevailing winds
SW, W, NW and SE.

Fine days 21 in number.
Rainfall 2.27 Inches.

This was a seasonable month, and the first 9 days very dry and warm. The middle of the month stormy and electric, but again fine and hot at the end. The storms in the Mid-land were much greater than here, but the lightning here & thunder were terrific on 17th & 23rd.

August 1889.

August	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes.	Rain.
Th. 1.	30.14	SE 1	56	71	78	Hot & hazy but partly bright, with electric dappled clouds. Suttery eveng. 9 pm 69°. <small>Distant thun- der in NW 5 to 6 pm.</small>
Fr. 2.	30.09	SW 2	57	65	73	Bright morn'g with electric clouds. Breezy day, but hot & chiefly bright. Evening more hazy and close.
Sat. 3.	30.02	S 3	60	62	71	Suttery breeze & hazy, cloudy till 2 pm, then chiefly bright, and hot afternoon. Breezy evening and night. <small>little wet a.m.</small>
Su. 4.	30.12	SW 2	56	65	73	Very bright morn'g and the day very fine. Hot, and chiefly bright close evening and some clouds. <small>moon 1st Dr 1.27 pm.</small>
Mo. 5.	29.92	SW 1	58	63	67	Close morn'g, and gen. the rain at noon a sharp thunder storm lasted, but from 3 pm fine & bright, and also all evening. <small>much thunder.</small>
Tu. 6.	30.90	SW 2	52	61	68	Bright with clouds, squally wind showers & warm sun between. Bright evening, and fine night.
W. 7.	30.02	WSW 3	54	62	67	Clouds and sun, little flying showers, but warm, and partly bright, and a fine evening & night.
420.44 39.34975 Mean Temp 63.571. Rain Can up 0.37						

89.02 = Rather above Average.
A hot and seasonable week.

August 1889.

August	Baro meter	Wind	Thermom Min 9 Max	Character.	Notes.	Rain.
Th. 8.	30.20	W. 48	61	70		Bright & tranquil morn'g. Warm day, many clouds, but bright between. Even'g partly cloudy. Fine night.
Fr. 9.	30.11	SW 1	52	62	66	Clouds and sun, warm and pleasant; dark haze, and bright sun alternately. Rainy part of the night.
Sat. 10.	29.97	SW 1	52	59	66	Bright till near 9 am, then some clouds; a thunder storm at noon, at 5. then bright till 6, but again cloudy.
Su. 11.	30.72	SE 1	51	59	64	Rain early, and vis. Full moon. Cent. thunder storm at 4.43 am, and hail 11 am & 1 1/2 pm near W. Even'g bright, night cloudy. <small>much thunder.</small>
Mo. 12.	30.87	NW 2	50	56	59	Very rainy morn'g from 5 to 8, & again from 10 till 2 pm, then fine, but much cloud, yet a fine night.
Tu. 13.	30.10	NW 1	51	57	62	Some clouds & haze, with bright intervals, pleasant but for the haze, and this continued at night.
W. 14.	30.11	SW 1	52	59	64	Grey haze, and sun gleaming through in the forenoon, cloudy 4 pm, & rain from 3 to 7 pm.
419.95 35.64515 Mean Temp 57.642. Rain Can over 1.87						

807.5 = 6 below Average.
An unsettled and very electric week.

August 1889.

Aug.	Baro meter	Wind	Thermom Min. 9. Max	Character.	Notes	Rain. 187
Th. 15.	29.93 30.00	W ₂ 56 W ₂ W ₁	60 70	Close breezy morning, clearer from 10 am partly bright. Hot afternoon, & partially bright. Fine night.		
Fr. 16.	29.94 29.98	W ₂ 55 SW ₁ SW ₂	62 71	Bright with some clouds, and a hot af- ternoon, very pleasant. Close night.	SON	
Sat. 17.	29.97 30.01	S ₂ 60 S ₃ W ₂	64 71	Close with a sultry breeze. Bright & hot from 11 till 2 pm. Heavy shower then, and wind to W.		.20
Su. 18.	29.91 29.91	SW ₁ 49 SW ₂ & 1.	60 68	Clear dewy morning, moon then clouds and sun. Pleasant & warm. Bright evening.	last Dr. 10.52 am.	
Mo. 19.	29.99 29.97	SE ₁ 50 SE ₂ & 1.	60 70	Close with grey haze hot & bright intervals, but much low cloud. Sultry night, and some rain.		.18
Tu. 20.	29.92 29.91	SS ₂ 60 SW ₅ W ₃	64 65	Very sultry morning, squally showers from 11 am till 2 pm, then fine but windy, and cooler.		.08
W. 21.	29.98 29.94	SW ₁ 51 SW ₂ SW ₂	58 67	Clear morn, very bright till 8, then changeable but warm; showery from 3 pm, heavy rain near 4 pm then finer.		.22
418.40 381.482 Mean Temp 61° 64.2. - Rain 2.55						

863 = $1\frac{3}{4}$ deg. below Average.

A sultry week, but very unsettled.

August 1889.

August	Baro meter	Wind	Thermom Min. 9. Max	Character.	Notes.	Rain. 2.55
Th. 22.	29.52 29.88	SW ₂ 54 SW ₄ W ₂	58 64	Squally wind, and some flying rain at times. Fine afternoon, and brighter, but windy. shower at 4.30 pm.		.10 .06 .03
Fr. 23.	30.03 30.08	WSW ₁ 48 WSW ₂ WSW ₁	54 62	Clear morn, bright till near 10, then clouds and sun, but cooler than of late. Fine night.		
Sat. 24.	29.99 29.99	SW ₁ 51 WSW ₂ WSW ₁	53 60	Clouds & sun, showery after 10. Thunder storm 3 pm. & one also in S. then fine & partly bright.	Thunder 3 pm.	.08
Su. 25.	30.00 29.91	W ₁ 44 W ₂ W ₁	54 59	Clear morn, & heavy dew, very bright till 10, then some light clouds, & sun, a squally shower at noon. Cloudy pm but fine.		.02
Mo. 26.	29.90 29.89	W ₂ 51 W ₁ W ₁	55 59	Hazy morn, cloudy forenoon, rain at noon, fine afternoon, sun at times, and a bright evening.	new moon 2 pm.	.02
Tu. 27.	29.88 29.80	W ₂ 47 W ₂ SW ₁	56 65	Clear morn, chiefly bright till near 2 pm. then grey clouds & sun. Hazy and close evening. Very fine night.		
W. 28.	29.88 29.85	SW ₁ 51 SW ₂ SW ₁	61 68	Clear morn, then clouds & sun, and very breezy. Bright and very warm afternoon. Evening very bright.		
420.91 346.437 Mean Temp 55° 92.8. - Rain 2.86						

783 = $7\frac{1}{2}$ deg. below Average.

A much cooler time from 22nd to 26th.

August 1889.

August	Baro meter	Wind	Thermom Min 9. Max	Character	Notes	Rain 2.86
Th. 29.	30.28 -30	SW. SW. S	49 63 74	Very bright & splendid morn'g and the day bright and hot, & lovely day & evening.		
Fr. 30.	-28 -22	Var. SW. SW.	48 64 78	Very bright and hot all day & no cloud. Clear sunset of rose colour. Fog at night.	102 am 70° noon 74° Max 78°	
Sat. 31.	-25 -27	NE. NE. SE	53 65 73	Fog early, then very bright & hot, and near- ly calm. Slight clouds in evening.		
18160	150	225	Mean 3 days 62.5.	Rain 2.86		

Barometer.
 Highest on 27 & 29 30.30
 Lowest on 20 29.42
 Range 0.88
 Mean of month 30.02
 Gales on 2 days.

Thermometer.
 Highest on 1 & 30 78°
 Lowest on 25 44°
 Range 34°
 Mean daily range 14.41
 Mean of month 59.98
 3 1/2° below Average.

**Prevailing wind SW
and W.**
 The beginning and end of this month were
 very fine and hot, but the rest was a period
 of frequent rain and thunder, and greatly
 unfavourable for the harvest. The SW
 wind prevailed near two thirds of the month.
 It was a most remarkable time, but we
 have known many much worse seasons.

September 1889.

Sept.	Baro meter	Wind	Thermom Min 9. Max	Character.	Notes	Rain
Sun. 1.	30.30 -30	NE. NE. NE.	58 63 69	Bright with some light clouds, hot sun, but the NE breeze sub- dued the heat slightly, very fine night.		
Mon. 2.	-23 -15	E. E. ESE.	52 64 70	Bright and very warm, with a parch- ing breeze. Became hazy from 4 pm, thunder 8 pm.	moon 1st Dr. 7.35 pm.	
Tu. 3.	-71 -16	SE. Var. Var. S.	60 63 68	Heavy thunder-storm close & calm day little sun, bright after 3 pm & till 5 1/2 pm. Close and hazy evening.	4 am. Thunder	1.02
W. 4.	-21 -24	NW. NW. NW.	57 59 65	Hazy morn'g, cloudy with little sun, but brighter after 4 pm. but a cloudy evening.		
Th. 5.	-30 -35	N. N. N.	58 59 66	Clear at 5 am, but became thick from 6 am. Cloudy with little sun, calm & pleasant. Moon bright even'g, fog below.		03
Fr. 6.	-37 -40	NE. E. NE.	51 61 67	Fog early, then very bright, with a few clouds, very warm & pleasant. Evening partly cloudy.		
Sat. 7.	-30 -23	NE. NE. E.	53 60 65	Clouds and sun, a warm and pleasant afternoon. Fog in the night.		03
42365	389	470	Mean Temp 61.357.	Rain can over 1.08		

859 = 2 1/4° above Average.

September 1889.

Sept.	Barometer	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain
Su. 8.	30.19	NW 1/4	47		Fog till 10, then became bright, pleasant, and warm. Hazy evening.	1.08
	-20	SW 1/2	56			
M. 9.	-21	SW 1/2	48		Hazy till 8, then bright, full moon, and very pleasant. 5.53 pm.	
	-27	SW 1/2	60		Sultry night.	
Tu. 10.	-30	SW 1/2	56		Fog early, close, and sultry morning, bright and hot afternoon.	
	-32	SW 1/2	64		8. seen set brilliant.	
W. 11.	-30	SE 1/2	52		Very bright and hot, but a light haze at times in the pm. very close and sultry night.	
	-21	SE 1/2	65			
Th. 12.	-22	W 2	62		Very sultry morning clear at first, then clouds and sun, very warm, and pleasant.	
	-31	W 1	70			
Fr. 13.	-31	S 1	57		Fog am, then bright and very hot, with some clouds, and the wind gusty. Hazy evening.	
	-27	SW 1/2	64			
Sat. 14.	-40	N 1	52		Clouds & sun, fine and pleasant, but a cooler air. Fine night, & partly cloudy.	
	-42	N 2	57			
	-42	N 1	62			
423.93						
374.4885						
Mean Therm. 61.607.						Rain up 1.08
862.5						more than 2 1/2° over average.

A very fine and summerlike week.

September 1889.

Sept.	Barometer	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain
Su. 15.	30.41	N 2	50		Clouds and sun, with a cool breeze, a sudden change from recent heat. wind to NE. p.m. and less.	
	-45	N 3	52			
	-45	NE 1	60			
M. 16.	-50	NE 1/4	47		Clouds & sun, gentle wind, and a pleasant afternoon, evening very bright to sunset. Fine night.	
	-48	SE 1	54			
Tu. 17.	-36	Var.	34		Clear morning & hour - moon last for 4.49 am.	
	-30	S 1	52			
	-30	SE 1	60			
W. 18.	-30	Var. 2	36		clear then cloudy, but again bright with light clouds, and warmer. Clear & set.	
	-23	SE 2	51			
	-23	S 1	63			
Th. 19.	-08	S 1	43		Cloudy and lowering followed by squally showers from 3 pm. during the rest of the day.	16
	29.85	SSW 4	56			
	29.85	SW 3	59			
Fr. 20.	-75	W 5	45		Clear morning, bright with brisk wind all day, and very cool.	8 1/2
	-75	W 4	50			
	-75	W 3	57		Evening chiefly clear.	Lightning & squally evening
Sat. 21.	-76	W 3	40		Clear, bright & bleak morning, then clouds and sun. A short shower at 3 1/4 pm, and stormy rain at 8 1/2 pm.	03
	-80	W 2	51			
	-80	SW 1	54			
422.04						
2954.14						
Mean Temp. 50.642.						Rain seen 1.33
709						8 1/2 below average.

A great contrast to the previous weeks.

September 1889.

Sept	Baro meter	Wind	Thermom min 9 am Max	Character, Notes	Rain 1/33
Su. 22.	29.79 -92	W ₂ NW ₂ NW ₁	39 49 55	Clear morn'g, and bright day with some light clouds. Evening clear.	
M. 23.	30.01 -00	SW ₁ SW ₂ & 1.	38 45 55	Clear & very cool morn'g; clouds & sun in the day with cool air. Cloudy & warm even'g	
Tu. 24.	29.78 -70	SE S SSW ₂	48 53 57	Cloudy, gentle rain and continued with much hard rain till near 5 pm then clearer and wind NW.	28 31 78
W. 25.	-82 30.10	NW ₄ NW ₅ NW ₂	39 44 52	Squally shower 5 am clouds & sun, with a cold & boisterous wind. Brighter & less wind from 4 pm.	new moon 2.42 am. 04
Th. 26.	-79 -21	W ₁ W ₂ SW ₂	38 48 56	Clear dewy morn'g afterwards clouds, and sun warmer evening & breezy.	58 n.
Fr. 27.	-78 -07	SW ₃ SW ₃ SW ₂	53 59 64	Breezy with sun and cloud, but warmer, Evening close, and cloudy. 8 pm 60° and fine night.	
Sat. 28.	29.97 -90	W ₃ NW ₂ NW ₂	50 53 58	Breezy with sun & clouds, slight flying showers, but finer from 4 pm, but very unsettled.	11
419.84 30.53 97.5 Mean Temp 50.178.					Rain cal up 2.80
<u>702.5</u> = $8\frac{8}{10}$ below Average.					

A rather turbulent Equinox.

September 1889.

Sept	Baro meter	Wind	Thermom min 9 am Max	Character, Notes	Rain 2/80
Su. 29.	29.89 -90	WNW ₃ NW ₅ W ₃	46 46 51	Squally wind with light rain at times till noon, finer but gaily pm, less wind at night.	09
M. 30.	-85 -80	W ₂ W ₁ Var 1	45 48 52	Much cloud and a little sun, some rain pm, but a fine evening and night.	10 06
119.44 91.03				Mean Temp 48.75. 2 days	Rain 3.05

Barometer	Thermometer
Highest on the 16 th 30.50.	Highest on the 11 th 76°.
Lowest on 24 th 29.70.	Lowest on 17 th am 34°.
Range 0.80	Range 42°.
Mean of month 30.14	Mean daily range 13.96
Gales on 4 days.	Mean of month 55.46
	3½ below Average.
Prevailing currents SW West & NW, much divided.	Fine days 20 in number, Rainfall 3.05 Inches.

The first 13 days were good summer-like weather, and very delightful: but afterwards a cool and unsettled state, and great rain on the 24th and stormy to the 29th. The first fortnight 2½ degrees above the average heat, but the latter part neutralized it. Although the total rain was considerable, it was not a wet month, as more than 3-fourths of it fell on the 3rd and 24th, and we had 20 days fine.

October 1889.

Oct	Baro meter	Wind	Thermom 9 am	Max	Character	Notes	Rain
Tu. 1.	30.00 -05	NW, N2. N2.	44 51	56	Clouds & sun are settled and show- ery. Evening fine partly clear.	4.8 11 02	
W. 2.	-02 -02	NW, N1 Var.	43 51	56	Clear & dewy mor- ning, partly bright but unsettled, and little rain fine night but foggy.	moon 1.33 am. 04	
Th. 3.	-01 29.87	SE, S2. SW1.	46 49	54	Fog early, sun and cloud till noon, rain at 3, but bright from 4 to 5. Nasty showers & thunder 6 pm.	Thunder 08	
Fr. 4.	-63 -81	NE, SE, SW2	40 49	52	Rain early, then galy dark, and stormy sky. Finer pm, some sun & less wind. Cloudy eve.	12 03	
Sat. 5.	-82 -90	SE, S2. S2.	44 49	56	Clouds & sun, very changeable, but fine & from 3 to 5 pm bright. Evening cloudy.		
Su. 6.	30.01 -00	SW, SW2 S4	45 52	56	Hazy morning, but be- came bright from 10 am and a pleasant day with haze at times. warm, windy night		
M. 7.	29.47 -58	S5, SW, SW2	53 54	58	Galy & warm morning rain, at times; from 10 am bright & galy, some clouds, wind much abated all pm.	Heavy 17	
418.19			31.53885		Mean Temp 50.25	Rain ear up 0.57	

$703.5 = 1\frac{3}{4}^{\circ}$ below Average.

October 1889.

Oct.	Baro meter	Wind	Thermom 9 am	Max	Character	Notes	Rain.
Tu. 8.	29.71 -40	SW, 43 SW, 49 S2, 56			Clear morning, bright day, with a slight haze at times, but a cloudy evening. rain at 8 pm.		0.57
W. 9.	-38 -43	S1, 41 SW2, 46 S2, 55			Clear, bright morning and chiefly so till noon and the afternoon also with few clouds, and the evening partly cloudy.	Full moon 1.26 am.	08
Th. 10.	-49 -60	S1, 37 S1, 45 S1, 57			Clear morning, and very bright day, and a pleasant afternoon. More cloudy at eve.		
Fr. 11.	-65 -68	SE1, 39 SE2, 49 S1, 51			Gentle rain early and at times during the day & much cloud, but brighter after 3 pm. and fine night.		12 21
Sat. 12.	-76 -80	SW, 44 SW, 49 SW, 55			Clouds & sun, but chiefly bright most of the day, and part of the evening. Fine and clear night.		
Su. 13.	-91 30.01	SE1, 35 SW, 46 W, 56			Clear morning upward, but fog below, continued very bright most of the day, a few clouds in the pm. Cloudy evening.		
M. 14.	-05 -08 41.595	NW, 37 W2, 42 W, 54			Great fog till 8 am, then a bright and pleasant day. Some clouds before 9 o'clock but a fine night.	3.48	
			27.63845		Mean Temp 47.178.	Rain	0.98

$660.5 =$ nearly 5° below Average.

October 1889.

Oct.	Baro. meter	Wind	Thermom. Min. 9 a.m. Max.	Character.	Notes.	Rain. 0.98
Tu. 15.	30.10 -05	SE 34 SE 2	34 49 57	Fog early, bright from 7 ¹ / ₂ a.m. with a few light clouds. Clearer night.		
W. 16.	-00 29.95	SE 52 SE 1	52 55 59	Mild with grey sky, close & cloudy with sun at times. Clear night and much rain.		
Th. 17.	-90 -97	W 2 48 W 2 SW	48 51 56	Much rain early, moon out from 8 a.m. fine and the afternoon bright & pleasant & fine night.	moon last 20 0.38 a.m.	60
Fr. 18.	-90 -72	Var. 40 SE 1 SE 1	40 45 56	Fog till 8, then bright with some clouds. More cloudy and threatening evening.		
Sat. 19.	-50 -40	SE 2 47 S 3 S 2	47 51 54	Cloudy, rain at times squally day, and but little sun, yet from 4 p.m. to sunset, bright.		18
Su. 20.	-49 -51	SE 3 45 SE 3 S 2	45 50 50	Squally wind, and slight rain at intervals. Thunder in west at 4 ¹ / ₂ p.m.; some rain in the night.	Thunder 70 in night	24
M. 21.	-51 -53	NE 44 E 1 Var	44 50 54	Morning partly clear, bright with clouds till noon; slight rain at 1 p.m. afterwards sun at times. Cloudy evening.		07
416.43				310.386	Mean Temp 49.714.	Rain 2.17

696 = 2¹/₄° below Average.

October 1889.

Oct.	Baro. meter	Wind	Thermom. Min. 9 a.m. Max.	Character.	Notes	Rain. 2.17
Tu. 22.	29.55 -61	N 1.46 N 1. NW 1	50 54	Clouds and sun, very little wind, and very fine, but still an unsettled sky.		
W. 23.	-74 -92	NE 1.45 NE 1. NW 1	49 53	Much rain & thunder & some hail, early a.m. excessive rain all morning. Fine & little sun p.m. Hazy evening, fine night.	Much thunder and rain	1.68 0.03
Th. 24.	30.03 -19	NW 1.45 NW 1. NW 1	48 51	Clear morning and bright till near 11 a.m. then clouds and sun. The clouds in electric form even still.	new moon 2.26 p.m.	
Fr. 25.	-22 -25	NW 0.37 NW 1. NE 1	44 52	Clear & very bright & calm morning & sunny till noon, cloudy & some rain p.m. finer night.		12
Sat. 26.	-28 -23	NE 1.39 E 3. E 2	44 48	Hazy & thick, but little sun, with rain at times. More wind after 1 p.m. but some sun, but the evening cloudy.		02 04
Su. 27.	29.95 -90	E 3.42 E 2 E 1	45 52	Overcast and rainy. With little intermission most of the day, but some sun from 3 p.m. closer night.		24 09
M. 28.	-92 -98	NE 1.45 NE 1. E 1	50 54	Fog and light rain at times, very damp, but warmer, although a NE wind. Close and foggy night.		10 03
419.77				299.364	Mean Temp 47.357.	Rain 4.52

663 = nearly 4³/₄° below the Average.

October 1889.

Oct.	Baro meter	Wind	Thermom His. 9 ^{am} May	Character.	Notes.	Rain.
Tu. 29.	30.07 -08	SE. 1. SE. 1. SSE. 1.	49 52 55	Close & foggy morn ^g , till 8, then bright till near 11, afterwards clouds & sun, warm & pleasant, & fine night.		
W. 30.	-08 -02	S. 1. SW. 2. SW. 1.	47 50 56	Calm, bright morn ^g , and the day mostly bright with a breeze, warm and pleasant.		
Th. 31.	29.95 30.12	W. 3. W. 3. W. 1.	43½ 46 51	Squally showers ear ^{ly} moon ^{light} , bright day, & brisk wind, clear and frosty even ^g .	1 st 2 nd 8.31 am.	04
18032	139.5	162	Mean 3 days 50.2	Rain 4.56		

Barometer.
Highest on 26th 30.28
Lowest on 9th 29.38
Range 0.90
Mean of month 29.84
Gales on 2 days.

Prevalent currents
the S, SE, & SW.

Thermometer.
Highest on 16th 59°
Lowest on 15th am 34°
Range 25°
Mean daily range 11.14
Mean of month 48.774
3° below Average.
Fine days 14 in number,
Rainfall 4.56 Inches.

This was a notably wet and electric month, with much cloud, and yet not a cold time, as the cloudiness prevented frosty nights, but meanwhile it checked the warmth by day, yet there was mostly a rather soft atmosphere, and much southerly wind; what would all this have been with more sunny skies? — Great thunder storms on the 3rd, 20th & 23rd! —

November 1889.

Nov.	Baro meter	Wind	Thermom His. 8 ^{am} May	Character.	Notes.	Rain.
Fr. 1.	29.80 -88	S. 4. SW. 3. W. 3.	38 46 52	Red sky, then dark & showery till 11, then fine, & bright afternoon, and clear evening.		05
Sat. 2.	-97 30.06	SW. 2. SW. 2. & 1	38 40 50	Bright morn ^g , and continued bright and breezy all day, some clouds at sunset.		
Su. 3.	29.99 -80	S. 2. S. 3. S. 2.	36 43 51	Overcast, & light rain at times, nearly alike all day but mild. — Close night also.	6 & 7 H	28
Mon. 4.	-90 -99	W. 2. SW. 1. SW. 1.	48 49 53	Very mild, and bright, with light clouds. Pleasant day for the season.		
Tu. 5.	30.02 -11	W. 1. W. 1. W. 0.	34 35 47	Clear morn ^g , and bright all day, and nearly calm. Clear, and frosty evening, and night.		
W. 6.	-30 -43	Varo SW. 1. SW. 1.	30 37 50	Frost early, then a grey sky, hazy and milder, calm, and rather close.		
Th. 7.	-45 -49	SW. 1. SW. 2. W. 2.	36 40 58	Clear morn ^g , and very bright day, warm and very pleasant, clear & set, and amber sky, wind to W.	Full moon 4.5 pm.	
421.19			260.361	Mean Temp 44.357	Rain 0.33	

621 = 1.35° above Average.

November 1889.

Nov	Baro meter	Wind	Thermom min & max	Character	Notes	Rain 0.33
Fr. 8.	30.50 -52	W. 1. 48 W. 2. 49 W. 2. 56	49 56	Some fog early, but a bright and mild day. Red sky at set.		
Sat. 9.	-40 -40	W. 2. 46 W. 2. 51 W. 2. 57	51 57	Bright, breezy, and mild. Some clouds in the afternoon.		
Sun. 10.	-39 -41	W. 2. 48 W. 2. 50 N. 1. 55	50 55	Close morning, but became bright from 10 am. All day warm and pleasant.		
Mon. 11.	-48 -49	N. 1. 50 N. E. 1. 50 N. E. 2. 52	50 52	Close, hazy, and mild till 2 pm, then foggy, but clearer by 5 pm, and during the night.		
Tue. 12.	-49 -43	N. E. 1. 38 S. E. 2. 38 S. E. 1. 50	38 50	Clear & colder morning, and very bright all day. Clear frosty evening.		
Wed. 13.	-40 -40	N. E. 0. 29 S. E. 2. 30 S. E. 1. 50	29 30 50	Clear and frost in the morning, and the day bright. Clear sunset and frosty evening and night.		
Th. 14.	-38 -38	Var. 31 S. 1. 36 S. 1. 53	31 36 53	Frost early, then fog till 11 am, afterwards bright & mild, with light clouds, cloudy from 4 pm.		
42607 2903733 Mean Temp 47.382 Rain 0.33						
6635 = 4 ³⁸ / ₁₀₀ over Average.						

November 1889.

Nov	Baro meter	Wind	Thermom min & max	Character	Notes	Rain 0.33
Fr. 15.	30.38 -40	SW. 1. 44 SW. 2. 47 SW. 1. 52	47 52	Partial fog till 8 am, then grey clouds & mild, and close day, but clearer before sun set, but fog in the night.	moon last 2 8.36 pm.	
Sat. 16.	-51 -61	W. 1. 43 W. 1. 47 Var. 1. 51	43 47 51	Fog till near 10 am, then cloudy with little gleams of sun. Some rain in the evening.		18
Sun. 17.	-68 -70	N. E. 1. 48 N. E. 1. 49 N. E. 1. 52	48 49 52	Overcast & mild morning, close day, with fog at times, very close evening and night.		
Mon. 18.	-69 -70	E. 1. 47 S. E. 1. 48 S. S. E. 1. 50	47 48 50	Close and mild morning, thick and gloomy all the day, but rather clearer from 5 pm. but a cloudy night.		
Tue. 19.	-69 -68	E. 2. 44 E. 2. 45 E. 2. 46	44 45 46	Cloudy morning, and a grey cloudiness most of the day, and colder. The evening the same.		
Wed. 20.	-69 -65	SW. 1. 38 W. 1. 40 W. 2. 41	38 40 41	Clear till 7, then fog afterwards dark and overcast most of the day, alike. but a cloudy night.		
Th. 21.	-59 -52	S. 1. 36 S. 2. 38 S. 0. 40	36 38 40	Partly clear at 7, then cloudy more or less all day, and cold for a south wind.		
42849 300332 Mean Temp 45.142 Rain 0.51						
632 = 2.14 above Average.						

November 1889.

Nov.	Baro- meter	Wind	Thermom- eter Min. 8. Max.	Character	Notes	Rain 0.51
Fr. 22.	30.44 -40	SW, 36 SW, 40	40 48	Clear at 7, then fog, snow of the day all the day, but milder in evening.		
Sat. 23.	-31 -37	S, 44 SW, 45 S, 51	44 45 51	Clear at first, then foggy and fog at times, but milder. Little rain at evening	new moon 1.44am.	04
Su. 24.	-16 29.90	S, 46 S, 47 S, 51	46 47 51	Mild and foggy morning, grey clouds in the day, and rather more wind. Little rain at 2.30 pm. Breezy night.		
M. 25.	-48 -75	NW, 43 NW, 46 W, 46	43 46 46	Stormy rain at 5.8 am, half day & chiefly bright, but colder. Clear evening.		14
Tu. 26.	-81 -70	W, 33 W, 35 W, 42	33 35 42	Clear morning and mostly bright till noon, but stormy with rain and snow at 2 1/2 pm. stormy evening		08
W. 27.	-70 -92	W, 28 W, 30 NW, 35	28 30 35	Freezing wind and snow storms, heavy at times, less cold pm, but frequent snow, hail and rain. Freezing night.		03
Th. 28.	30.12 -21	NW, 27 NW, 29 NW, 35	27 29 35	Wind frost & some snow at times. Clouds and sun in the afternoon, and a fine frosty evening.		0
420.27		257.308		Mean Temp. 40.357		Rain 0.80
565 = nearly 2 1/4 below Average.						

November 1889.

Nov.	Baro- meter	Wind	Thermom- eter Min. 8. Max.	Character	Notes	Rain. 0.80
Fr. 29.	30.20 -77	NW, 27 W ₂ W ₂	27 32 37	Frost in the morning moon then hazy and a gen- tle shower. Some fog evening & night.	1st Dr 5.29 pm.	
Sat. 30.	-20 -22	Var, 37 SE, 34 SE, 42	37 34 42	Fog till 8, then bright all day, and clear frosty evening, and night.		
120.79		59.79		Mean 2 days 34.5.	Rain 0.80	
Barometer.				Thermometer.		
Highest on the 17- 30.70				Highest on the 7- 58.		
Lowest on 25- 29.48				Lowest on 28- 24.		
Range 1.22				Range 31.		
Mean of month 30.28				Mean daily diff. 9.58		
Gales on 3 days.				Mean of month 43.66.		
Prevailing currents W, SW, and S.				Above Average nearly $\frac{3}{4}$.		
				Fine days 22 in number, and Rain fall 0.80.		

This month to the 24th was mostly fine and mild, afterwards stormy with snow and some frost, yet but a seasonable change. The entire foliage fell very early, and most of it by the opening of the month. But many flowers continued to bloom, and all the Chrysanthema were very fine to the month's close.

December 1889.

Dec	Barometer	Wind	Therm. Min. 8 am	Therm. Max	Character	Notes	Rain
Su. 1.	30.40 -45	SW ₂ E ₀ E ₀	30 30 37		Calm, hazy, and little frost am. Bright and calm day, with light clouds, and red after sunset.		
M. 2.	-51 -50	NE ₀ Var. SE ₁ SE ₀	23 24 37		Hard frost & clear till 10, then foggy till 11, afterwards mostly bright to noon 3 pm. Frost at night.		
Tu. 3.	-50 -51	SE ₀ SE ₁ SE ₀	25 28 35		Frost am. Hazy with some sun, but a cold frosty air all day. Red clouds again at sunset.		
W. 4.	-50 -54	SW ₀ SE ₀ SE ₀	28 33 35		Hazy and rather foggy, more or less so, and very calm. Cloudy calm night.		
Th. 5.	-60 -66	NE ₀ NE ₀ NE ₀	33 35 40		Hazy and calm, all the alike a slight wetting at times, but milder. Evening clearer.	10	
Fr. 6.	-60 -47	NE ₁ NE ₁ NE ₁	34 35 37		Gray clouds, and haze, dark after noon, very little wind. Cloudy evening.	02	
Sat. 7.	-21 -28	S ₁ S ₂ S ₁	32 33 34		Cloudy, gentle snow from 8 am. nearly the 9. 52 am. same all day. Foggy night.		
42663		205255		Mean Temp 32.857		Rain 0.12	
460				6° below average,			

Dec	Barometer	Wind	Therm. Min. 8 am	Therm. Max	Character	Notes	Rain
Su. 8.	30.30 -26	NE ₁ W ₁ W ₁	30 31 34		Fog & little frost. then bright all day, and calm, but cold. From 4 pm cloudy. Frosty evening.		
M. 9.	-00 29.80	SSW ₂ SW ₂ SW ₁	28 42 48		Change, and rain early am. Cloudy & rain at times but much milder, and from 1 pm fine and very clouds at 2. set.	30 03	
Tu. 10.	-60 -49	SW ₂ SW ₂ W ₁	43 45 47		Cloudy, mild & breezy morning, then unsettled and lowering, and red at sunset as before. Clear evening.		
W. 11.	-50 -75	NW ₂ WNW ₂ NW ₁	32 34 38		Bright with clouds, at times, but very cold and bleak air. Frosty night.		
Th. 12.	30.10 -12	SW ₀ SW ₁ S ₁	25 26 37		Hard frost in the morning. Very bright all day, but a keen air. Changeable night.		
Fr. 13.	29.98 30.02	SE ₃ SE ₃ SW ₂	29 39 41		Gal morning and a little rain, thick & dark most of the day and a cloudy and milder night.	03	
Sat. 14.	-23 -27	NW ₁ NW ₀ SE ₁	37 38 40		Clearer at first, then very foggy from 10 am. but rather clearer pm. Cloudy & dark evening.		
41942		224285		Mean Temp 36.357		Rain 0.48	
509				2° 67 below average.			

December 1889. —

[illegible]

December 1889. —

Decr.	Baro. meter	Wind	Therm. 8 M ₂ am	Character	Notes	Rain. 0.64
Su. 22.	29.70 -75	SW ₂ 40 SW ₂ SW ₁	50 52	Much rain early am, cloudy & mild day and finer since morning, and a very close night.	new moon 0.52 pm, 4.2	
Mo. 23.	30.02 -72	NW ₂ 43 W ₂ WSW ₂ SW ₂	45 48	Close morning, very mild, but rather cooler since, then bright mild & cheering all day, and fine night.		
Tu. 24.	29.91 30.10	S 4 40 SW ₃ NW ₆	47 49	Breezy & cloudy, and became stormy after 2 pm, gale NW, & rain windy but clear in the evening & night.		07
W. 25.	-42 -31	W ₂ 34 W ₁ W ₁	34 42	Clear, very fine and bright all the day, and a gentle wind. Evening partly clear.		
Th. 26.	-38 -59	W ₁ 28 W ₁ Varo	34 42	Frost & little fog, with sun at times, but the afternoon overcast, and the evening also.		
Fr. 27.	-58 -48	NE 1 35 E 2 E 1	35 38 38	Cloudy and hazy all day alike, and a cooler breeze, and a cloudy evening and night.	0.94	
Sat. 28.	-32 -32	E 1 29 E 1 E 0	30 32	Cloudy and nearly calm, but cold all day, clearer in the evening and frosty night.		
	42.340		249.3035	Mean Temp 39.428	Rain over 1.3	
			552	— rather above average.		

December 1889. —

Decr	Barometer	Wind	Thermom	Character	Notes	Rain
			Min 8 Max			1/13
Su. 29.	30.32	Var 0	23	Clear & hard frost	moon	
		NW.	23	am. very bright	1st 2nd	
	-32	W.	31	all day and calm.	5.17am	
				Clouds from W. after sunset.		
Mon. 30.	-40	NW.	28	Little snow, then		
		E 1/2	32	foggy and gloomy		
	-43	SW.	34	rather milder, and		
				a cloudy evening.		
Tu. 31.	-39	S.	28	Frost, then fog, but the		
		S.	30	sun gleaming through		
	-32	S.	35	it. Haze, and frost in		
				the night.		
18278			79/100	Mean Temp 29.66	Rain 1/13	

Barometer.

Highest on the 5th 30.66

Lowest on the 10th 29.49

Range 1.17

Mean of month 30.24

Gales on 3 Days.

Thermometer.
Highest on 17th 22° - 52° -
Lowest on 2nd 22° - 26° -
Range - 36° -
Mean daily range 8.03
Mean of month 36.74
2 $\frac{1}{4}$ ° below Average.

Prevailing winds SW,
SE, and NW

Five days 22 in November,
Rainfall 1.13 in.

This was a changeable month, but neither mild, nor very cold, and but little rain.

Total for the year 2458 In. Fine days 229.

Coldest on Feb^r 13th, Thermom^r 5° and hottest
on June 2nd Therm^r 81°. Winds most prevalent
SW, W, and NE.

— January 1890. —

Jan'y	Baro meter	Wind	Thermom. Min 8 Max	Character	Notes	Rain
W. 1.	30.40 -40	S. 25 S. 26 SSW 34 1/2		Hard frost & clear morning, and a very bright day, and a clear & sharp evening.		
Th. 2.	-28 -17	S. E. 20 S. 32 Var. 34 S. E. 1		Severe early a.m., then fog and milder, and the fog continued all day. Clearer part of the night.		
Fr. 3.	29.90 -80	E. 24 Var. 32 S. 33 S. E. 1		Cloudy, & frost, then foggy, more or less most of the day. Some rain in the evening, and thaw.		0.05
Sat. 4.	-81 -93	S. S. E. 31 S. 2. 40 S. 4. 44		Cloudy and milder, clearer after 1 p.m., and sun at times. Day blustering night but fine.		
Su. 5.	-90 30.00	S. 4. 38 S. 3. 44 S. 2. 49		Blustering morning, less wind after 11 a.m., but cloudy & milder, with slight rain at times. Clear evening.		0.1
M. 6.	-30 -33	S. 1. 45 S. 2. 46 S. 2. 54		Close, cloudy, & mild, with light rain at times. Clearer after 4 p.m., fine. Evening.	Full moon 5.37 a.m.	0.5
Tu. 7.	-40 -42	S. 2. 47 S. 2. 49 S. 1. 53		Beautiful morning, sky of crimson & gold tints, very bright, mild, and pleasant, and the evening fine.		
422.04		230.3015		Mean Temp 37.96.	Rain 0.11	
531.5 = rather above Average.						

January 1890.

Jan	Barometer	Wind	Thermometer	Character	Notes	Rain
W. 8.	30.39	S 2	46	Mild, but foggy morning, cloudy and breezy day, cooler night.		
	-22	SS E 2	47 48			
Th. 9.	-30	SW 2	36	Clear, and colder then foggy afterwards cloudy, and wind in the evening squally.	rain	0.1
	-11	SW 4	37 54			
Fr. 10.	-02	SW 3	44	Squally morning, blustering day, but chiefly bright. Again squally calm at night.		0.3
	-07	SW 5	46 47			0.4
Sat. 11.	-27	S 1	37	Foggy morning, and at times in the day, and seldom clears.		
	-19	SW 2	40 46	Changeable night.		0.1
Su. 12.	-15	W 4	43	Clear, & blustering morning, bright and breezy day, clear sunset & less wind.		
	-28	W 3	50 50			
Mo. 13.	-20	S 1	33	Cloudy & hazy, much warmer pm, and clearer, partly bright. Showery at 5 pm then fine & clear.		0.2
	-15	S 2	41 52			
Tu. 14.	-28	S 1	31	Clear, then foggy, but clearer after 1 pm. Squally & mild evening. Strong gust of wind in the night.	moon last 20 6.38 a.m.	
	-21	S 2	32 49			
42284 SW 270 346 Mean Temp 44° — Rain over 0.22						
616 = 6½ above Average!						

A remarkably mild week, and flowers blooming

January 1890.

Jan	Barometer	Wind	Thermometer	Character	Notes	Rain
W. 15.	30.18	SW 2	46	Gales in the past night, cloudy more or less, but mild: and a close evening, but fine.		
	-21	WSW	48 50			
Th. 16.	-21	S 1	45	Clear till 8 a.m. then hazy, and bright, all terminally coloured lines of cloud in SW at sunset.	☐ H ☉	
	-19	S 1	46 51			
Fr. 17.	-20	S 2	43	Morning partly bright, afterwards cloudy, and not so mild, blustering afternoon.		
	-14	SW 3	45 46	Squally wind at night.		
Sat. 18.	29.81	S 4	39	Squally early a.m., & breezy and very bright day. Partly cloudy after sunset. Stormy night.		0.3
	-78	S 2	43 50			
Su. 19.	-59	SW 2	42	Stormy early a.m., but partly bright, and the day very bright & breezy evening but fine.		0.5
	-62	SW 2	46 49			
Mo. 20.	-60	SW 2	34 35	Clear morning, and the new moon day chiefly bright, but rather black.	11.49 pm.	
	-62	SW 2	43	Clear sunset, and night chiefly so.		
Tu. 21.	-71	SW 1	31	Clear, little frost, bright till noon, then hazy all the rest of the day, galy night.		
	-78	SW 2	34 41			
41864 S 5280330 Mean Temp 43.57° Rain over 0.80						
610 = 6° above the Average!						

Another mild week, and flowers multiply.

January 1890.

Jan	Bar meter	Wind	Thermom min 8 Max	Character	Notes	Rain 0.30
W. 22	29.17	S 2. SW 5. W 2.	37 38 43	Dark lowering morn, clearer after 10, bright and windy afterwards, but a bleak air. Night stormy		
Th. 23.	28.90 28.75	S 3. SSW 2. W 6.3	33 41 49	Stormy rain early bright forenoon, then squally showers, and heavy gales, abating at night.	Hard Gale.	.12 .06
Fr. 24.	29.80 -90	S 1. SW 2. S 1.	32 35 43	Clear morn, bright till noon, then became hazy most of the pm. with partial sun. Foggy evening and some at night.		
Sat. 25.	-71 -68	SSE 4 S 4 WSW 3	39 51 54	Squally and mild, with rain at times, wind veering much. Gale, and very gusty. Clear night.		.06 .05
Su. 26.	-91 -89	W 4. SW 4 SW 5	39 41 48	Clear morn, & bright till noon, some clouds afterwards, and squally evening, & galy night		
M. 27.	-89 30.12	W 6.40 W 3. W 2.	41 45	Gale early & storm of rain 5 am, then fine and bright all day, with bleak wind. change in the night & rain.	moon 1st 2nd 8.10 pm	.07
Tu. 28.	-80 29.84	E 1. E 2. NE 1	32 32 36	Snow at 8 & 9 am. then fine, but over- cast, and in the eve- ning again rain.		.34 .06
Mean Temp 40.71. — Rain 1.06						
570 = 3.4° above Average.						

A very stormy period, still mild.

January 1890.

Jan	Bar meter	Wind	Thermom min 8 Max	Character	Notes	Rain 1.06
W. 29.	30.22	WNW 2. WNW 2. NNW 2.	33 33 40	Bright day, with very bleak air. Sun set quite clear, and a frosty night.		
Th. 30.	-32	W 2.31 W 2. W 1.	31 39 45	Changeable, some rain am, hazy and thick most of the day, but cleared after 13 pm. but rain at night.		.04 .01 .10
Fr. 31.	-38 -40	W 1.42 var. S 1.	43 45 45	Foggy more or less, calm, and thick, nearly alike all day. Light rain at night.		
182.06 106.130 Mean last 39.33. — Rain 1.21						
<div> <div>Barometer.</div> <div>Highest on the 7th 30.42</div> <div>Lowest on 23rd 28.75</div> <div>Range 1.67</div> <div>Mean of month 30.00</div> </div> <div> <div>Thermometer.</div> <div>Highest on 6th 9.25 54.°</div> <div>Lowest on 2nd 20.°</div> <div>Range 34.°</div> <div>Mean daily range 9.27.</div> <div>Mean of month 41.33</div> </div>						
<div>Gales on 7 Days.</div> <div>13 SW, 6 N, and a notable fact.</div> <div>Prevailing winds SW, and S, and scarcely any else.</div>						
<div>Nearly 4° above Average.</div> <div>Fine days 19, in number</div> <div>Rainfall 1.21 Inch.</div>						

The mildest January for six years past.
but very galy over SW, and S coasts, all the
latter part of the month. Many kinds of
the early garden flowers were in bloom all the
month, and the Lilac and Hawthorn were
verdant with open buds, while the pastures
were very green!

February 1890.

Feb	Baro meter	Wind	Therm Min 8 Max	Character	Notes	Rain
Sat. 1.	30.33	SW, 43		Very foggy and thick, little rain early a.m. Rather clearer after 4pm.		.05
	-30	SW, S, 45	47			
Su. 2.	-20	SW, 40		Cloudy more or less and a gentle wind. Some sun after 2 pm.	Very red sky at sunset.	
	-28	W, 42	46	Clear night.		
M. 3.	-48	SW, 30		Clear, very bright and tranquil day.	Red clouds at sunset.	
	-42	SW, W, 31	44	Clear and frosty night.		
Tu. 4.	-28	W, 28		Clear morning & frost. Very bright most of the day, and calm.		
	-20	Var. 31	44	Some clouds after 3pm.		
W. 5.	-16	N, 37		Hazy morning and the day cloudy and colder breeze. Some sun after 3pm.	Full moon 1.13 a.m.	
	-20	N, N.E. 39	44			
Th. 6.	-28	N, 33		Clouds and sun, with a calm atmosphere. Clear moonlight night.		
	-32	N.E. 35	45			
Fr. 7.	-47	N.E. 36		Chiefly cloudy and little sun. but fine and medium temperature.		
	-49	E, E.N.E. 39	42			
Sat. 8.	-48	N.E. 28		Clear morning & frost. Very bright day, but cold. Some clouds towards & after sunset.		
	-46	E, E. 30	42			
48.535		27.535		Mean Temp 39.34.		Rain 0.05
		629.5		About the Average.		

A dry week, of medium Temperature.

February 1890.

Feb	Baro meter	Wind	Therm Min 8 Max	Character	Notes	Rain
Su. 9.	30.32	E.S.E. 34	37	Cloudy and a very cold wind. Rather clearer in the evening. Little frost.		0.05
	-29	E, E. 37	38			
M. 10.	-32	S.E. 31		Clear frosty morning and a very bright day, and a frosty night.		
	-38	S.E. 34	45			
Tu. 11.	-38	N.E. 26		Keen frost, very bright day, with a brisk wind. Some clouds at night.		
	-31	E.S.E. 29	44			
W. 12.	-18	S.E. 32		Cloudy till 8, then chiefly bright, with a keen wind. Fine and frosty night.	moon last Dr 6.51 pm.	
	05	E.S.E. 34	40			
Th. 13.	29.90	S.E. 30		Clear morning, and a bright day, light clouds and bleak air. Cloudy evening.		
	-92	S.E. 32	41			
Fr. 14.	30.01	N.E. 34		Hazy, and foggy a.m., clearer p.m., but cloudy & wind again, & clear. Cloudy evening.		
	-02	N.E. 38	43			
Sat. 15.	29.82	S.E. 37		Snow brain, and at times only, with a dark and thick sky. Fine and clearer night.		.26
	-58	E, E. 39	43			.03
Su. 16.	-85	S, 33		Bright with some light clouds, and mild. Evening also fine and in part clear.		
	-75	S.S.W, S.W. 34	47			
48.128		26.734		Mean Temp 37.32.		Rain 0.34
		598		nearly 1/4 below Average.		

A reasonable period.

February 1890.

Feb 5.	Baro. meter	Wind	Thermom. min 8 am Max	Character	Notes	Rain 0.34
M. 17.	30.02 -09	SE 2 SE 3	37 39	Bright with hazy intervals, & brisk wind. Cloudy even- ing & night.		
Tu. 18.	-22 -28	SE 3 SE 3 E 2	36 39 44	Bright with light clouds, and drying breeze. Cloudy even- ing & cold wind.	670	
W. 19.	-35 -32	E 4 E 3 E 2	35 37 39	Cloudy & cold breeze with little gleams of sun. Cloudy eve- ning also.	new moon 10.28 am. 870	
Th. 20.	-21 -20	E 2 E 2 Var 1	33 35 38	Cold and cloudy. more or less, and some light rain in the afternoon, more at night.		12
Fr. 21.	-20 -25	NW 1 NW 1 W 1	31 34 41	Cloudy and some what hazy, but fine, and mild in pm. Hazy night.		
Sat. 22.	-45 -60	NW 1 NE 1 NE 1	33 37 43	Hazy morning, then clouds and sun brighter in the after- noon. Frosty night.		
Su. 23.	-70 -70	NE 4 NE 1 NE 0	28 32 44	Frost am, & clear till 8, then clouds and sun, very fine, and clear & frosty evening.		
M. 24.	-60 -57	NE 0 NE 1 NE 1	28 33 45	Frost am, fine with clouds and a little sun. Cloudy & damp evening.		
48576			261339	Mean Temp 37.5.	Rain up 46	

600 = 1 1/2 below Average.

Another seasonable week.

February 1890.

Feb 5.	Baro. meter	Wind	Thermom. min 8 am Max	Character	Notes	Rain 0.46
Tu. 25.	30.51 -40	NW 1 N 2 N 2	32 33 44	Foggy till 8 then cloudy with little sun at times. Cloudy evening & night.		
W. 26.	-32 -33	N 1 N 3 N & 2	35 38 44	Cloudy more or less, moon 1 1/2 and some intervals of sun. Wind squally after 3 pm.	2.67 pm.	
Th. 27.	-43 -40	NW 1 NW 2 E 1	32 34 40	Bright till 10 am, hail & snow shower during the day & sun between. Frosty night.		
Fr. 28.	-40 -40	N 1 N 1 WNW	28 30 39	Clear & frost am. Hail and snow at times in the after- noon.		
24319			127167	Mean 4 days { 36.75.	Rain 0.46	

Barometer.

Highest on the 23 30.70

Lowest on 15 29.58

Range 1.12

Mean of month 30.27

No Gale - this month.

Thermometer.

Highest on 15 47.0

Lowest on 11 26.0

Range 21.0

Mean daily range 10.0

Mean of month 37.88

1 and 12/100 below Average.

Prevailing winds E,
SE, & NE, but much varied.

Fine days 24 in number
Rain only 0.46.

This was a dry month, with rather cold at-
mosphere, yet but moderate frosts, and
but little snow till the end, when much
fell in some parts of the kingdom.

March 1890.

March.	Baro.	Wind	Therm.	Character	Notes	Rain
	meter		min 8 max			
Sat. 1.	30.12	SW. 24	28	Keen frost, then snow most of the day from the SW. in heavy falls at times.	Snow 5 inches (deep)	0.36
Su. 2.	-22	NE 24 1/2	28	Frost a.m., heavy falls of snow with bright intervals. severe night.	6 pm 25° 8 pm 21°	0.02
Mo. 3.	-48	NE 11	13	Very severe frost, bright till after 10, some snow p.m. Clear and severe night.	6 pm 26°	0.02
Tu. 4.	-41	NE 11	18	Clear & very severe frost, then hazy in the afternoon.		
W. 5.	29.90	NW 26	36	Rain and thaw early a.m. bright from 8 a.m. clouds broken p.m. Very red evening sky, squall night.		34
Th. 6.	29.84	SW 37	44	Squally shower 5 a.m. Full moon very blustering wind - 6:48 p.m. all day with clouds and sun, but much milder.	52	0.02
Fr. 7.	-85	WSW 38	47	Clouds and sun alternately, and wind gusty at times, but mild. Blowing night.		

42150 17152845 Mean Temp 32.571, Rain over 0.36

456 = 9 1/2 below Average.

A remarkable week of extremes.

March 1890.

March	Baro.	Wind	Therm.	Character	Notes	Rain
	meter		min 8 max			
Sat. 8.	29.71	SW 43	45	Mild and showery much cloud, and some sun at times. - Blowing night.		0.02
Su. 9.	-82	NW 33	35	Foggy till 3 a.m. with sleet at times, then bright most of the day, bleak air.		
Mo. 10.	-20	S 28	35	Frost early & little snow. Milder and rainy forenoon. Sun at times p.m. and warmer.		26
Tu. 11.	-22	SW 46	49	Light clouds, but chiefly bright, warm and pleasant. Evening clear.		
W. 12.	-38	SW 39	42	Fog till after 7, then bright and warm, with a few light clouds. Clear evening		
Th. 13.	-18	SW 36	42	Hazy and cloudy, more or less all day, and the same in the evening.		
Fr. 14.	-00	SW 36	40	Cloudy then from 8 a.m. bright, warm and pleasant. - more cloudy after 2 p.m. Clear night.		

42095 261366 Mean Temp 44.78, Rain over 0.64

627 = nearly 3 above Average.

A great change, and a lovely week of good Spring weather.

March 1890.

March	Baro meter	Wind	Therm. Min. & Max	Character	Notes	Rain
Sat. 15.	29.85 -75	S 1. SS E 2 SE 1	38 44 53	Cloudy & hazy more or less, most of the day. Became brighter from 3 pm.		0.64
Su. 16.	-52 -42	SE 2 SE 3	39 46 57	Hazy till 8 am, then chiefly bright, and breezy. Close night.		
Mon. 17.	-50 -61	SW 2 WSW 2 SW 1	41 43 53	Bright with light cumuli clouds. Fine & clear night.		
Tu. 18.	-68 -65	SE 1 ESE 2 E 2	27 32 53	Clear morn'g, & frost. Day chiefly bright, but a chilling breeze. Hazy from 3 pm.		
W. 19.	-60 -60	NE 2 NNW 2 NNW 1	40 41 42	Rain during past night. Cloudy and rain at times. Great rain at night.	34	
Th. 20.	-48 -53	NW 3 NW 3 NW 3	35 37 40	Excessive rain till 7 am, & a cold cloudy sky & rain at times. Bitter at night.	1.22 New moon 9:00 pm	
Fr. 21.	-70 -82	W 1. W 2. W 1	36 38 50	Hazy till 8 am, then bright till 2 pm, afterwards clouds at times. Fine night.		
41471	2563348			Mean Temp 43.178	Rain 2.35	

604.5 = nearly $1\frac{1}{4}$ above Average.

A variable, but very turbulent week, yet altogether seasonable.

March 1890.

March	Baro meter	Wind	Therm. Min. & Max	Character	Notes	Rain
Sat. 22.	29.87 -91	WSW 36 SW 2 SW 1	36 40 52	Chiefly bright, but some clouds at times. and electric skies. Hazy evening, close night.		2.33
Su. 23.	-85 -72	SW 1 SSW 1 SW 1	44 49 53	Bright and hazy by turns, and mild, with but little wind. rain from close evening.	12.02	
Mon. 24.	-75 -43	SW 1 S 2. S 5	39 42 50	Clouds and sun, an unsettled sky. squally from, and gale evening, wet night.	20	
Tu. 25.	-40 -64	SW 2 SW 2 W 1	41 45 53	Clouds & sun am, and showering with some hail pm, then bright at times. Fine night.	02	
W. 26.	-87 3004	SW 1 SW 3 SW 1	37 43 58	Bright, with light clouds, and a mild breeze. Very close, and cloudy evening.		
Th. 27.	-72 -77	SW 2 SW 2 SW 1	46 51 60	Cloudy, close morn'g, warm & pleasant. Hazy till noon, but partly bright in the afternoon & sunset.		
Fr. 28.	-78 -77	SW 1 SW 1 SW 1	48 52 63	Warm & hazy morn'g. Day bright and very warm, with a light haze. Hazy and close evening and night.	moon 1st. Dr 9.32 am	
41812	291389			Mean Temp 48.571.	Rain 2.71.	

680 = $6\frac{1}{2}$ above Average!

A pleasant week of real spring weather, and vegetation proceeds.

March 1890.

March	Barometer	Wind	Thermometer	Character	Notes	Rain
			Min 9 Max			2.71
Sat. 29.	30.00 -12	SW ₂ WSW ₃ W ₁	40 48 58	Bright morning clouds & sun and breezy in the day. Bright sunset.		
Su. 30.	-18 -20	W ₁ .34 W ₂ . W ₁ .	46 59	Bright with light clouds, a pleasant spring day. Very bright sunset.		
Mo. 31.	-30 -32	N ₁ .31 NE ₁ NE ₁ .	40 50	Clear till 6 then hazy and cloudy more or less, and the evening also.		
18112			105167	Mean 3 days 45.33.	Rain 2.71	

Barometer.
Highest on the 3^d 30.50
Lowest on 25^d 29.40
Range 1.10
Mean of month 29.94
Gales on 3 days.

Prevailing winds SW, but much divided.

Thermometer.
Highest on 28^d 63°
Lowest on 3^d & 4^d 11°
Range 52°
Mean daily range 15.12
Mean of month 42.54
 $\frac{1}{2}$ deg. above Average.

Fine days 19 in number.
Rain 2.71 Inches.

The first five days were severe, but the rest of the month more genial than any March for the last six years, and remarkably pleasant and Spring weather in the 2nd and 4th weeks, which made the hedge-banks and gardens very gay, and cheering.

April 1890.

April.	Barometer	Wind	Thermometer	Character	Notes	Rain.
			Min 9 Max			
Tu. 1.	30.40 -38	N ₁ .28 NE ₁ Var.	42 52	Bright with some light clouds, but a cool air, and a bright sunset time.		
W. 2.	-28 -19	NE ₁ .27 E ₂ E ₁ .	44 48	Bright with clouds at times, and very bleak wind. Evening clear also, but no frost.		
Th. 3.	-21 -22	NE ₁ .35 NE ₃ NE ₂	47 51	Clouds and sun chiefly bright, but a keen breeze. The evening also very bright.		
Fr. 4.	-21 Good Friday.	NE ₁ .34 NE ₁ NE ₁	49 55	Bright all day and warmer, with very little wind. Clear evening, but cold.	Wreck lifting.	
Sat. 5.	-20 -18	NE ₁ .30 Var. Var.	47 58	Bright all day, and warm after noon. Clear evening at sunset.	Full moon 9.24am.	
Su. 6.	-05 29.99	SW ₁ .36 SW ₂ SW ₂	49 57	Hazy & milder morning, little sun, but mostly cloudy & unsettled. Sun set bright and		
Mo. 7.	-40 -60	SW ₂ .46 W ₆ . W ₃ .	49 54	Squally showers, and a turbid sky, but sun at times, and very gay afternoon, but a fine night.		10 02 03
42182			236375	Mean Temp 43.64	Rain over 15	
611				nearly 5° below Average.		

April 1890.

April	Baro met	Wind	Therm. 9. Max	Character	Notes	Rain 0.15
Tu. 8.	29.73 -78	NW ₂ 34 NW ₃ NW ₆	43 51	Cloudy and sun, with cool breeze, squally showers after 3pm. Gale all night.		.05
W. 9.	-90 -98	NW ₄ 36 NW ₄ NW ₂	42 46	Gale early am, then dull, unsettled much cloud, very cold and but little sun. Clear evening.		.02
Th. 10.	-88 -92	N. 35 NE ₂ NE ₂	43 48	Hazy, cloudy, hail at times, and but little sun, and the evening bright.		.03
Fr. 11.	30.00 29.99	NW ₂ 29 NW ₃ NW ₂	43 48	Bright morning, then cloudy with sun at times. Hail showers pm. Bright at sunset.		
Sat. 12.	-98 -93	NW ₂ 30 NW ₁ NE ₁	41 46	Clouds and sun, keen air, and at times hail, and sleet. Night part- ly clear.	moon at last Dr 10.58 am	
Su. 13.	-87 -82	SE ₁ 28 SE ₂ SE ₁	44 51	Clouds and sun brighter from 2 pm, and pleasant afternoon. Even- ing partly cloudy.		
M. 14.	-78 -72	E. 35 E ₃ E ₂	49 54	Bright all the day, with a parch- ing breeze at East. and clear evening	8 H ^o	
418.38		227 344	Mean Temp	40.785.	Rain calcd	.25

571 = 7 1/2 below Average.
A rather ungenial week, but
chiefly very fine.

April 1890.

April	Baro met	Wind	Therm. 9. Max	Character	Notes	Rain 0.25
Tu. 15.	29.68 -62	NE ₂ 43 NE ₂ NE ₁	48 55	Cloudy & hazy morn- became bright from 10 am, with a parching breeze. Cloudy night.		
W. 16.	-58 -62	NE ₁ 43 SE ₂ SE ₂	55 61	Hazy morning till after 8, then bright and warm, with a few clouds. Bright evening.	Conspicuous refined morn.	
Th. 17.	-65 -68	NE ₁ 41 NE ₂ NE ₂	46 46	Fog early, then hazy and cooler, gloomy & thick all day, and a cloudy night.		
Fr. 18.	-72 -78	NE ₃ 41 NE ₃ NE ₂	45 46	Cloudy, cold, and rather blistering all day alike, and little rain, at times		.01
Sat. 19.	-98 30.03	N ₂ 40 NE ₂ NE ₂	43 45	Cloudy, and but slight gleams of sun, but cold for the season.	new moon 8.6 am.	
Su. 20.	-20 -22	NW ₂ 36 W ₂ W ₁	46 51	Cloudy morning then lighter clouds, and sun. Hazy & mild evening.		
M. 21.	-23 -22	SW ₁ 41 SW ₂ SW ₂	54 62	Hazy till 7, then be- came bright and warm, with some grey clouds pm.		
418.21		285 366	Mean Temp	46.5.	Rain calcd	.26

651 = 2 below Average.
A fine and more genial week.

April 1890.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Character.	Notes	Rain
Tu. 22.	30.02 29.94	S 2. SW 4. SW 2.	48 50 61	Rain early and very warm. Cloudy till 11 a.m. then partly bright. Heavy storm from 2 p.m. fine night.	Cuckoo sings.	.18 .16
W. 23.	30.08 -10	W 2. W 4. W 2.	41 50 58	Clear morning, some slight showers in the day & bright sun between. Fine night.		.02
Th. 24.	29.94 -78	SE 1. SE 1. W 1.	45 48 57	Close and cloudy morning, clearer from about noon, and sun at times. Day cloudy after 4. Little wet.		.02
Fr. 25.	-51 -49	NE 1. NE 2. NE 1.	41 47 49	Hazy & cloudy more or less most of the day & but slight sun-gleam. Even bright.		
Sat. 26.	-71 -83	NW 1. NW 2. Var 1.	34 49 57	Clear & much dew & bright till noon. some clouds in the afternoon, & sun at times. Thunder & sun in evening.	Thunder South	
Su. 27.	30.01 -10	NW 2. NW 1. NW 2.	37 47 52	Hazy morning, then moon clouds & sun, and slight squally showers, fine night a.m.	1st dr	.01
Mon. 28.	-10 -05	S 1. SW 2. Var 1.	35 50 56	Thin haze and sun partly bright, some thunder 11 a.m. in SE & violent 4 p.m. - West bright evening.	Thunder	.07
41872			281390	Mean Temp 47.92	Rain ev. up	.72

671 = Nearly the Average.
Variable but on the whole, a seasonable week; very electric on 26th and 28th.

April 1890.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Character.	Notes	Rain
Tu. 29.	30.08 -08	SW 1. S 2. SE 1.	39 51 62	Bright and warm with cumuli clouds, a good spring-day. - very bright evening.	shower at 3 a.m.	.03
W. 30.	-12 -15	SE 1. SE 2. SE 2.	36 58 64	Bright lovely morning and a very warm and bright day, but breezy. Evening bright also.		
12043			75126	Mean last 2 days 50.25	Rain.	.75

Barometer.

Highest on the 1st 30.40
Lowest on 25th 29.49
range .91
Mean of month 29.95

Gales on 2 Days.

Prevalent currents
NE, and NW.

Thermometer.

Highest on the 30th 64°
Lowest on 2nd 27°
range 37°
Mean daily range 16.5°
Mean of month 45.08.

Nearly 32° below Average.

Fine days 21 in number,
Rainfall $\frac{3}{4}$ of an Inch.

This was a variable month, and not so genial as the previous one, but mostly fine, and the pear, cherry, and plum trees in profusion of bloom in the last week. - Severe thunder-storms near us on the 26th and 28th.

May 1890.

May.	Barometer	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain
Th. 1.	30.10 -08	NE 1 E 2. E 1.	39 57 63	Bright, and warm, with a few light clouds, and a bright evening. Rosy & set.	40	
Fr. 2.	-08 -08	NE 1 E 1. E 1.	39 54 62	Fog early, cleared off at 7, then bright, and warm, and a brilliant evening.		
Sat. 3.	-06 -02	SE 1 SE 1. S 1.	36 57 66	Very bright, morning, and the day the same, and very warm, with but slight wind. The bright evening.		
Su. 4.	29.91 -83	SE 1 SE 2 SE 1	38 59 68	Very bright, and warm, with thin haze in the afternoon. Evening brilliant.	88 moon full 9.9 pm	
Mo. 5.	-75 -84	NE 2 Var. SW 2	44 52 61	Close & cloudy (morn); chiefly cloudy till 1 pm then partly bright in the afternoon. Haze in the evening.		
Tu. 6.	-88 -92	E 1 ESE 2 SE 2	41 59 66	Bright and very warm, with light clouds & bright evening, closer night.		
W. 7.	-84 -82	SE 1 SE 1. Var. 0	46 56 56	Close morn, rain from 9 to 11 am. Clouds but fine afterwards and clear from 4 pm. but the night cloudy.	24 02	
41921 2834435 Mean Temp 51.857. Rain over 26						

726.5 = $2\frac{1}{2}$ below Average.

A very pleasant, fine and genial week.

May 1890.

May.	Barometer	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain
Th. 8.	29.81 -85	NE 1 NE 2 NE 1	48 54 63	Hazy morn, then slowly clearer, and became pleasant and bright. Cloudy night.	Cuckoo very tanful.	
Fr. 9.	-80 -61	NE 2 NE 3 NE 2	46 49 55	Cloudy & breezy, and more lowering after 2 pm. Rain from 3 pm with thunder.	Great rain & thunder.	82 02
Sat. 10.	-67 -72	S 1. S 1. S 2.	47 54 62	Clouds and sun. distant thunder pm. pleasant afternoon and bright evening. but cloudy night.	824 (thunder) in SW.	
Su. 11.	-55 -74	S 2. SW 3 SW 1.	49 54 62	Great rain early, & till 5 am, then fine but cloudy till 2 pm afterwards bright and warm.	moon last 2r 4.22 pm.	38 02
Mo. 12.	-80 -75	SE 1. SE 1 Var. 0	45 61 66	Warm and bright with some light clouds. Rather hazy even, but pleasant.		
Tu. 13.	-71 -82	W 1. W 3. NW 2	46 59 63	Bright lovely morn, then clouds and sun, and more breezy, and towards evening hazy and some clouds.		
W. 14.	-91 30.04	W 2 NW 1 NW 1	45 55 62	Clouds and sun, chiefly bright, and breezy, but less wind after 3 pm, and bright evening.		
41678 WSW 3264335 Mean Temp 54.25. Rain over 1.70						

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

A perfectly seasonable week.

May 1890.

May	Baro meter	Wind	Thermom. Min. 9. Max.	Character	Notes	Rain 1.70
Th. 15.	30.19	SW, 41		Bright morning, then clouds and sun, but a bright evening, hazy night.		
Fr. 16.	30.17	SW, 2 & 1	55 63	Clouds and sun, very warm and pleasant, with a brisk wind at times. Hot afternoon. Close night.	(Cirriformuli in the pm.)	
Sat. 17.	30.12	SE, 1 42 SE, 2 29.98 S, 2.	60 70	Close morning, clouds and sun, but the af- ternoon chiefly bright, and very brilliant evening.		
Su. 18.	30.88	S, 2 53 1/2 S, 2 30.94 SW, 0	56 65	Cloudy morning and little rain. Fine & partly bright pm. very calm & pleasant. Hazy night.	new moon 8.19 pm ☐ ☉	04
Mo. 19.	30.95	Var. 51 SE, 1 30.90 SE, 1	63 72	Hazy till 8, then bright and hot all the day. Thunder storm from 9 to 11 pm, then fine, and breezy.	Thunder storm at night	22
Tu. 20.	30.91	SE, 3 52 SE, 4 30.03 S, 2	55 62	Blustering wind and flying clouds, brighter afternoon. Evening bright, and wind gone.		
W. 21.	30.21	SW, 47 SW, 1 30.30 SW, 1	58 67	Bright warm, and pleasant, with some cumuli clouds. Evening bright.		
42 0 52 3325 462 Mean Temp 56.75. Rain 1.96						

79.42 = 2.4° above Average.

A very seasonable and growing week.

May 1890.

May	Baro meter	Wind	Thermom. Min. 9. Max.	Character	Notes	Rain 1.96
Th. 22.	30.40	E, 1 40 E, 1 30.41 SE, 1	61 70	Clear dewy morning very bright and hot in the day, and the evening brilliant.		
Fr. 23.	30.37	NE, 1 44 E, 2 30.30 E, 2	62 68	Very bright and warm, with a fresh breeze. The evening also very brilliant.		
Sat. 24.	30.22	NE, 1 48 E, 2 30.19 E, 1	66 73	Bright with light clouds, and very hot, and a brilliant evening and sunnier night.		
Su. 25.	30.11	NE, 1 50 NE, 2 30.08 NE, 2	65 69	Very bright and warm, with a parch- ing breeze; some clouds in the evening.	Thunder storm in Cornwall Dorset & Horseshoe	
Mo. 26.	30.09	N, 2 42 N, 2 30.09 N, 1	54 59	Clouds & sun, cooler breeze, from the Thum- ber storm in Devon yes- terday. Evening bright and fine night.	moon 1st Dr. 10.34 pm	
Tu. 27.	30.12	N, 1 38 Var. 1 N, 1 30.13 N, 1	54 59	Clouds and sun, with little wind, and rather varied in point a part of the day. Fine night, & partly clear.	☉ ☐ ☉	
W. 28.	30.18	N, 2 43 N, 1 30.21 N, 1	54 59	Bright at first, then clouds and sun, but again chiefly bright from 3 pm.		
42 2 90 305457 Mean Temp 54.428. Rain 1.96						

76.2 = very near the Average.

Another seasonable week, but with us
it was very dry.

May 1890.

May	Baro inches	Wind	Thermom in am	9 May	Character	Notes	Rain 1896
Th. 29.	30.21	W ₂	43	56	Clouds & sun but much cloud most of the day, but brighter after 3pm. Change in the night.		
	-19	W ₃		60			
Fr. 30.	-01	NW ₃	51	56	Rain early, the day bright with clouds and gusty wind. but less wind at eve.		.04
	-11	WSW ₂		63			
Sat. 31.	-20	W ₂	37	52	Bright with some clouds, and cool breeze. Fine night but cool.		
	-22	W ₁		60			
18094	SE 131		183		Mean 3 days. 52.3.	Rain 2.00	

Barometer
Highest on the 22nd 30.41
Lowest on 11th 29.55
Range 0.86

Mean of month 30.01
No real gales during the month.

Prevailing winds the S E and East.

Thermometer
Highest on 24th - 73°
Lowest on 3rd - 36°
Range 37°
Mean daily range 19.4
Mean of month 54.104
Nearly the full Average.

Fine days 25 in number
Rain fall 2 inches.

This was a good growing month, mostly fine, with some genial rains, and some brilliant hot days. As last year, not one frost all the month on any morning, which was very conducive to vegetation. Some sharp thunder storms on the 19th night, and on 25th in the Counties of Cornwall, Devon, and Dorset, while very fine here.

June 1890.

June	Baro inches	Wind	Thermom in am	9 June	Character	Notes	Rain
Su. 1.	30.18	W ₂	40	53	Clouds and sun, with cool breeze. Cloudy evening & dark undulated clouds.		.01
	-09	WSW ₂		65			
M. 2.	-05	W ₃	52	58	Clouds and sun, a pleasant and temperate day. Evening chiefly bright.		
	-10	NW ₁		64			
Tu. 3.	-10	SW ₁	48	55	Cloudy then clearer with sun & lighter clouds, but a grey haze at times. From 4 1/2 pm bright.	Full moon 6.34 am.	
	-09	SW ₂		63			
W. 4.	-02	S ₁	53	60	Close morning light rain at times, more in the afternoon, and evening. Fairer night.		.21
	-03	S ₁		60			
Th. 5.	-10	SW ₁	54	60	Close with a dark haze at times, but after 3pm, partly bright, but cloudy again at night.		.07
	-13	SW ₁		65			
Fr. 6.	-10	S ₁	54	60	Cloudy morning clearer by 11 am, partly bright. & very warm afternoon, shower at 5 1/2 pm, fine night.		.03
	-05	S ₂		69			
Sat. 7.	-30	NW ₂	49	58	Clouds and sun, very pleasant, and seasonable. Even cloudy, night clear.		
	-41	NW ₁		62			
421.75			3504485		Mean { 57.03. —	Rain 0.32	
					Temp {	over	

798.5 = 3 1/2 below Average.

A very temperate, growing week.

June 1890.

June	Baro meter	Wind	Thermom 9 ^{am} 9 ^{pm}	Character	Notes	Rain 0.32
Su. 8.	30.38 -30	SE ₁ SE ₂ SE ₂	38 58 64	Clear & much dew, bright till noon, but hazy and cloudy af- terwards, and close night, slight rain.		.02
Mo. 9.	-19 -19	SW ₁ SW ₁ SW ₁	52 60 69	Close morning, then moon bright with cumuli last 2 or clouds, and hot at 9.50 pm. ternoon. Fine calm evening & night.		
Tu. 10.	-10 28.90	SE ₁ SE ₂ S ₁	48 65 74	Bright & lovely morn- very hot & bright day, with light electric clouds. Gentle rain most of the evening, then finer.		.27
We. 11.	-87 -80	SW ₂ SW ₂ SW ₁	51½ 58 64	Clouds and sun, with distant showers, and a little haze in short falls, & cloudy eve- ning. Fine night.		.03 .02
Th. 12.	-81 -99	SW ₁ Var. E ₁	50 59 64	Clouds & sun, and some rain at times, with warm sun between. Unsettled sky in the evening.		.02
Fr. 13.	30.10 -22	N ₂ N ₂ N ₂	52 54 58	Rain from 4 am, and at times most of the day. Fine after- noon, little sun. Fine night.		.14 .70
Sat. 14.	-38 -42	NNW NNW NW ₁	48 54 57	Cloudy with but little sun; clearer after 2 pm, and sun partly bright.		
421.66 339.5 450 Mean Temp 56.39. Rain 0.92.						

789.5 = 4¼ below Average.

A changeable but seasonable week.

June 1890.

June	Baro meter	Wind	Thermom 9 ^{am} 9 ^{pm}	The Character,	Notes	Rain 0.92
Su. 15.	30.44 -45	N ₁ N ₁ Var.	40 55 64	Clouds and sun, but brighter in the afternoon, and near- ly calm. Closer night.		
Mo. 16.	-32 -20	SW ₁ SW ₂ SW ₁	50 66 73	Close morning with haze. became bright and hot with light clouds. Hazy and close evening.		
Tu. 17.	-12 -10	SW ₂ W ₂ W ₁	55 57 63	Cloudy, little rain, at 7 th then finer, much cloud. The afternoon at times bright. Fine & clearer night.	new moon 9.58 am. Solar Eclipse.	.04
We. 18.	-14 -18	W ₁ W ₂ WSW	48 60 69	Clouds & sun, but chiefly bright, and a warm & pleasant day. Some rain evening.		.07
Th. 19.	-17 -22	W ₃ W ₄ W ₂	56 60 64	Breezy & warm, with clouds and sun, and very grawing and pleasant. Fine night & cloudy.		
Fr. 20.	-18 -17	SW ₁ SW ₁ SW ₀	53½ 60 69	Clouds & sun, finer and pleasant day, and nearly calm. Hot afternoon, and a close evening.		
Sat. 21.	-21 -21	NNW W ₁ SW ₁	48 62 67	Bright with light clouds, very warm, and pleasant & but little wind. very close night.		
423.11 350.5 469 Mean Temp 58.53. Rain 1.03.						

819.5 = 2¼ below Average.

A fine and very pleasant week.

June * 1890.

June.	Baro meter	Wind	Therm. Min. 9. Max.	Character	Notes	Rain 1.03
Su. 22.	30.21 -21	W. 1. WSW W. 1.	53 61 66	Hazy & close morning and close day, much cloud & little sun. Brighter from 4 to 5 pm.		.03
M. 23.	-23 -27	W. 1. W. 0. W. 0.	53 62 71 1/2	Close, calm and hot with grey clouds and sun. Dark haze at times. Shower 6 pm.		.02
Tu. 24.	-25 -25	W. 1. W. 1. SE 1.	59 65 72	Sultry & hazy morn- ing, hot with light clouds and sun from 11 am. and lovely evening.		.01
W. 25.	-21 -20	SW. 1. SW. 2. SSW	54 65 76	Bright and hot, af- ter a fog early, and a bright & hot day. Sultry & haze evening and night.	1st Dr 1.54 pm.	
Th. 26.	-12 -00	S. 1/2. S. 1. S. 0.	59 61 68	Sultry morn., gentle rain till 11. Close day but from 3 pm bright and the evening the same.		.22
Fr. 27.	29.98 -95	W. 2. W. 3. SW. 2.	53 60 67	Bright morning day bright & breezy, with some light clouds. Clear night.		
Sat. 28.	30.00 29.98	SW. 1. SW. 1. SW. 2.	47 59 64	Clouds & sun, with showers, and some thunder SE. 2 pm. Little in the evening of further rain.		.08 .23
421'85			3784845	Mean Temp 61.607.	Rain cal. up 1.62	

8625 — nearly 1 deg above average.

A week of splendid summer skies.

June * 1890.

June	Baro meter	Baro meter	Therm. Min. 9. Max.	Character	Notes	Rain 1.62
Su. 29.	30.00 -04	SW. 2. W. 1. W. 1.	48 56 62	Little showers in the forenoon, fine bright afternoon & evening. But thunder SE. 3 pm.	Distant thunder 3-4 pm.	.08
M. 30.	29.73 -36	SE. 3. SE. 5. SW. 1.	49 56 58	Breezy & cloudy morning. Very blustering day, and rain at times, and heavy at 5 pm, and at 10 pm.		.28 .22 .20
11973			97120	Mean 2 days 54.25.	Rain 2.40	

Barometer.
Highest on the 15th 30.45
Lowest on the 30th 29.36
Range 1.09
Mean of month 30.12

No gales here
during the month,
till the 30th.
Prevailing winds West
and SW.

Thermometer.
Highest on the 25th 76°
Lowest on the 8th 38°
Range 38°
Mean daily range 15.2.
Mean of month 58.1.
2 3/4° below average.

Fine days 15 in number.
Rainfall 2.40 inches.

A fine and growing month with some
genial rains, and moderate heat, and all na-
ture most lovely. Haymaking partially
proceeding and a good yield.
Nearly one third of the rain of the
month fell on the 30th!

July 1890.

July	Barometer	Wind	Thermometer	Character	Notes	Rain
Tu. 1.	29.45	S. 1.	47	Clouds and sun, a shower at 11 am, then chiefly bright, with cumuli clouds. Fine at night.	Thunders at 4 pm	.06
	-65	SW.	57			
W. 2.	-71	NW. 2.	49	Clouds & sun, and at times hazy, & drops of rain; but brighter after 4 pm. Thunder and rain at 7 1/2 pm.	Full moon 2.23 pm. Thunder	.02
	30.02	SE. 1.	60			.10
Th. 3.	29.95	SW. 1.	52	Hazy morn'g, then showery but some bright intervals in the afternoon, and bright evening.		.08
	-95	Var.	57			
Fr. 4.	30.00	W. 1.	46	Bright morn'g, afterwards clouds & sun, very hazy from 4 pm, and all evening.		
	29.91	SW. 1.	58			
Sat. 5.	-70	N. 2.	57	Rain early am, cloudy blustering & cool day, little rain at times.		.48
	-75	N. 4.	52	Fine & clearer from 4 pm; night also.		.24
		N. 2.	53			
Sun. 6.	-91	W. 2.	49	Cloudy, rain at times till noon, fine pm but slight gleams of sun. Evening hazy.		.40
	30.02	W. 2.	57			
Mon. 7.	-07	NW. 1.	56			
	-02	SW. 1.	57	Clouds and sun, unsettled pm, showery at intervals. Evening fine but cloudy.		.05
		SW. 1.	62			.16
41871			3434245	Mean Temp 54.821	Rain up 1.29	

767.5 = 9° below Average nearly!

A very cool and showery week.

July 1890.

July	Barometer	Wind	Thermometer	Character	Notes	Rain
Tu. 8.	29.70	S. 2.	51	Lowering with storms of rain after 2 pm. Evening clearer, and in part bright. Clear & sets.		.12
	-85	SW. 2.	57			
		W. 2.	67			
W. 9.	-92	SW. 1.	50	Clouds and sun, then moon unsettled, with little showers at times, and wet evening. Night fine.	last Dr 4.43 am.	.21
	-98	SW. 1.	59			
		W. 1.	62			
Th. 10.	30.07	NW. 2.	46	Bright morn'g, then clouds and sun, and very pleasant. Very hazy evening.		
	-11	W. 1.	60			
		W. 1.	64			
Fr. 11.	-05	N. 1.	49	Hazy, cloudy, and rain at times. Clearer & fine from 3 pm, and partly bright all the evening.		.14
	-09	NE. 2.	52			
		NE. 1.	56			
Sat. 12.	-10	SW. 1.	40	Clouds and sun, then hazy more or less, with bright intervals.		
	-06	SW. 1.	54	Evening hazy.		
		SE.	61			
Sun. 13.	-01	SSW. 1.	52	Hazy morn'g. Bright afternoon, blue haze, and very warm. Evening at times hazy.	Sultry night.	
	-00	SW. 1.	59			
		SW. 1.	70			
Mon. 14.	29.98	SW. 3.	59	Sultry breeze, grey clouds, and sun hot and close; distant thunder pm, East very close evening and night.		.02
		SW. 3.	65			
	30.01	SW. 2.	70			
41993			347450	Mean Temp 56.928.	Rain 2.00	1.78

797 = 6 1/2° below Average.

A variable, but finer week.

July 1890.

July	Baro	Wind	Thermom	Character	Notes	Rain
	meter	Winds	9 ^{am} Max			1.78
Tu. 15.	30.03	SW, 60	66	Sultry & hazy morning. Hot with light clouds & sun and a bright evening.	☉ ☽	
	-10	W, 1	72			
W. 16.	-20	Var. 51	65	Bright, calm, and hot, few cumuli clouds, but chiefly clear. A drappled sky at evening about the west.		
	-21	W. 1	74			
Th. 17.	-13	NE, 57	68	Sultry heat, hazy morning, but partly bright & calm. Thunder pm.	new moon 0.50 am.	02
	-02	NE, 1	73	Overcast evening, some rain.	☉ ☽	02
Fr. 18.	29.95	NW, 56	56	Much rain early & till 6 am, hazy till noon, then bright with light clouds. Hazy evening.		-60
	30.03	W, 1	64			
Sat. 19.	29.91	NE, 55	56	Very rainy early, and till 7 am. Fine pm, clouds and sun, with a cool breeze. Evening clearer and cool.		52
	30.15	NE, 3	59			04
Su. 20.	-26	NW, 50	55	Hazy & grey clouds in the morning; afternoon bright, with some clouds & bright evening.		
	-30	NW, 2	62			
M. 21.	-28	SW, 45	60	Very bright dewy morning, day chiefly bright, with light clouds, hot after noon. Hazy evening.		
	-23	SW, 1	70			
421.80		374.474		Mean Temp 60.57.	Rain 2.99	
		848		3° below Average.		

An electric but seasonable week.

July 1890.

July	Baro	Wind	Thermom	Character	Notes	Rain
	meter	Winds	9 ^{am} Max			2.99
Tu. 22.	30.18	W, 2, 62	65	Sultry morning, breezy day, but bright & hot, the afternoon especially very red about the west after sunset.	☉ ☽	03
	-17	W, 3, 1	72			
W. 23.	-21	W, 2, 52	61	Breezy, but hot, and very bright most of the day. Sultry breeze all night & dark clouds.		
	-16	W, 4, 3	72			
Th. 24.	-06	W, 4, 61	62	Sultry gusts & clouds in the morning, then hot and bright all day, & most of the evening.		
	-11	W, 2, 1	71			
Fr. 25.	-17	W, 2, 48	58	Clear morning, then clouds and sun, and very pleasant with but little wind, and veered to S.E. at evening.	moon 1st gr 2.44 am.	
	-20	S.E. 1	67			02
Sat. 26.	-17	SW, 52	62	Slight shower early, chiefly bright till near 2 pm, & hot, but hazy afterwards.		
	-15	SSW, 1	71			
Su. 27.	-12	SW, 2, 54	62	Clouds and sun, with a close air. Hot after noon. Few rain drops and at 6 pm, but a fine hazy & close evening.	distant lightning 3 pm, 10 pm.	
	-10	SW, 1	71			
M. 28.	-02	SS.E. 1, 58	62	Close and hazy morning. Little shower at 10 am. Became bright in the afternoon. Night chiefly clear.		02
	-03	SW, 1	71 1/2			
421.85		387.495		Mean Temp 63.035.	Rain 3.06	
		882.5		Very near the average.		

A warm and pleasant week, and mostly fine for latter haymaking.

July 1890.

July	Baro meter	Wind	Therm min 9 am Max	Character	Notes	Rain 3'06
Tu. 29.	30.12	W. 47	61	Clear morn, day chiefly bright, and a hot afternoon, and close evening.		
	74	W.	70			
W. 30.	70	S. 55	60	Hazy with a sultry breeze, and bright in tervals. Closed after noon, but the even- ing very bright.	8.24	
	70	SW.	70			
Th. 31.	71	SW. 61	67	Very sultry morn, Full moon and so all day, with grey haze, & little sun Sultry night.	9.24 pm.	
	72	SW. 2	72			
	72	S.				
180.69		163.212		Mean 3 days 62.5. Rain 3'06		

Barometer.

Highest on the 20th 30.30

Lowest on the 1st 29.45

Range 0.85

Mean of month 30.03.

No gales in the month.

Prevailing winds SW,
and West.

Thermometer

Highest on the 16th 74.

Lowest on 12^{am} 40.

Range 34.

Mean daily range 14.58.

Mean of month 59.19

More than 4 Degrees
below Average.

Fine days 17 in number,
Rainfall 3.06 inches.

To the 11th day this was a variable and showery
time, then chiefly fine, with moderate heat
to the 17th, some thunder that day, and much rain
on the 18th and 19th, but much more elsewhere;
thence to the end fine and warm for the latter
Hay harvest, the yield was good, and much was
well secured. A peculiar haze often prevailed, to
break the effulgence of sun alternately on bright days.

August 1890.

Aug	Baro meter	Wind	Therm min 9 am Max	Character	Notes	Rain
Fr. 1.	30.11	S. 61	67	Sultry & hazy morn, bright and very hot day. Thunder SE, at one, all over SE but a fine night and clouds vanished.		
	70	SW.	76			
Sat 2.	70	SW. 54	60	Hazy, with clouds and little sun, showers at 2 1/2 pm and 5 pm fine night.		08
	70	SW. 2	66			
	70	NW.				
Su. 3.	72	NW. 54	60	Bright morn, warm & pleasant day, with clouds and sun, & Evening bright.		
	72	Var. SE.	67			
Mon. 4.	70	Var. 49	64	Blue fog early, then bright, with light clouds, and a pleasant heat, but greater after 2, & bright eve.		
	72	W. 64	75			
	72	SE.				
Tu. 5.	72	SE. 52	67	Fog early, then bright and hot, with light clouds, and brilliant evening, fine night.		
	72	SE.	78			
	72	S.				
W. 6.	71	NW. 55	66	Bright and hot, with light clouds and very little wind, and the evening bright.		
	71	NW.	75			
	71	NW.				
Th. 7.	71	NE. 57	62	Grey clouds till after noon, then bright & hot at 9 am, with light clouds.	2.19 pm.	
	71	NE.	69	Fine evening & night.		
	71	NE.				
423.03		382.5065		Mean Temp 63.464. Rain 08		

888.5 = About the full Average.

A fine, hot, and very seasonable week.

August 1890.

Aug th	Baro meter	Wind	Thermom ^r 9 ^{am} Max	Character.	Notes.	Rain. 0.08
Fr. 8.	30.29	N. 1.50	61	Cloudy with sun at times, but more cloudy in the afternoon, and little rain at eve.		10
	-23	NE 1	63			
Sat. 9.	-20	NE 1.56	61	Cloudy morn, then clearer, sun at times, warm & pleasant, with grey clouds, evening bright.		
	-17	E 1.	68			
Su. 10.	-05	E 2.60	64	Close & hazy morn, excessive rain from before noon till 1 1/2 pm. very bright & calm evening. Lightning E.	Thunder 2.10 am	1.22
	29.95	SSW 1/2	68			
Mon. 11.	-90	SSW 1.58	61	Rain early, and very showery forenoon, bright afternoon, but thunder NW 4 1/2 pm. Close night.		1.23
	-92	W 2.	70			
Tu. 12.	-95	SW 1.59	62	Hazy and little rain in the morn, bright after noon in part, but unsettled skies continue.		03
	-97	SW 2.	69			
W. 13.	-92	W 2.53	60	Bright with cumuli clouds, and brisk wind at times, but from 4 pm cloudy.		
	-90	NW 2.	67			
Th. 14.	-91	W 2.57	61	Bright with light clouds till 11 am, then heavy showers, but a bright afternoon, and the evening the same.		15
	-94	W 1.	66			
		SW 1.				
420.30				Mean Temp 61.285.	Rain cal ^d up	2.07

858 = 2° below Average.

An electric and unsettled week, but of seasonable warmth.

August 1890.

Aug th	Baro meter	Wind	Thermom ^r 9 ^{am} Max	Character.	Notes	Rain 2.07
Fr. 15.	29.80	S 4.56	61	Very breezy morn, a squally day, but very warm and the afternoon bright, also the evening.	new moon 4.20 pm.	
	-90	SW 5.	70			
		SW 2.				
Sat. 16.	-91	SW 2.55	61	Hazy morning, galy day showers, Thunder NW, bright intervals. Evening clear, and wind gone.		07
	30.05	W 1.	65 1/2			
Su. 17.	-10	SW 1.48	60	Bright morn, and the day bright & pleasant, with a few small clouds. hot afternoon, & bright evening.	Lightning SE 9 pm.	
	-10	SW 2.	70			
		SW 1.				
Mon. 18.	-05	Var. 1.50	61	Hazy, calm morn, pleasant day, calm, and hazy with partial sun, but very bright from 4 pm.		
	-03	E 1/2	68			
Tu. 19.	29.98	N 2.54	59	Hazy morn, followed by rain from 11 am till 2 pm, then fine, and partly bright. Shower in the night.		24
	30.05	NE 1.	60			03
W. 20.	-05	NE 1.55	63	Fine morn, shower after 10, then bright and very warm very fine evening and night.		03
	-07	Var. 1.55	69			
		W 2.				
		SW 1.				
Th. 21.	-15	SW 2.55	62	Bright morn, then some grey clouds & sun, warm and pleasant. Cloudy evening, little rain.		10
	-12	SW 2.	66			
		SW 3.				
420.36				Mean Temp 60.107.	Rain cal ^d over	2.54
				841.5 = 3 1/4 below Average.		

A temperate week, and chiefly fine here.

August 1890.

August	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain
Fr. 22.	30.15	SW ₂	52	Bright with cumuli clouds & brisk breezes.		2.54
	18	SW ₄ W ₂	57 66	less wind after 3 pm. fine evening.	Shower at night.	.07
Sat. 23.	29.88	S ₄ SW ₃ W ₂	55 62 65	Warm squally wind followed by rain be- fore noon: then fine & partly bright and very fine night.	1st Dr 1.20pm.	.12
Sun. 24.	29.89	W ₀ W ₁ W ₁	42 59 63	Bright morning, and heavy dew. Clouds and sun in the day, but distant showers. Thunder	SW	.06
Mon. 25.	29.83	SW ₂ SW ₂ SW ₂	41 52 63	Clouds & sun, with a cooler breeze, and rough looking sky, breezy and unsettled night.		.02
Tue. 26.	29.62	SW ₂ SW ₄ SW ₂	50 56 61	Windy with low clouds, & little sun, showers & thunder at a distance in P. m. showery evening.	Thunder at 3pm S.E.	.04 .02 .10
Wed. 27.	29.61	SW ₂ SW ₁ SW ₁	48 57 62	Bright morning, then clouds & sun, electric skies, & much thunder in S & S.E. all afternoon.	much thunder distant.	.02
Th. 28.	29.82	W ₂ W ₁ W ₁	50 57 64	Hazy morning till 7 am, then bright and pleasant, with a few light clouds. Fine night.		
417.84			338.444	Mean Temp 55.857.	Rain and exp.	2.99

782 = 8° below Average.

A cool and unsettled week.

August 1890.

Aug	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain
Fr. 29.	30.08	NW ₁ NW ₁ W ₁	51 55 63	Hazy with sun at times, chiefly bright in the afternoon. Thunder E. 5pm	Thunder	.01
Sat 30.	29.12	NW ₁ NW ₃ NW ₁	41 54 59	Clear morning, much sun, then clouds at times, & little rain. Brighter after 1pm, clear evening & wind gone.	Full moon 4.35 am & O R.	.02
Sun. 31.	29.21	W ₂ NW ₂ NW ₀	41 54 60	Clouds and sun, stormy looking sky, and cool air. Clear and cool night.		
181.04			133 182	Mean 3 days 52.2.		Rain 3.02

Barometer
Highest on the 31st 30.34
Lowest on 27th 29.59
Range 0.75
Mean of month 30.04
Gales on 3 days.

Thermometer
Highest on the 5th 78°
Lowest 25° 30' 31st 41°
Range 37°
Mean daily range 14° 14'
Mean of month 59° 43'
4° below Average.

Prevailing winds S.W. and
very few others.
The first week was very fine, hot, and good
summer weather, thence to the 23rd very un-
settled and stormy, with rain and thunder
at times, and a peculiar close atmosphere.
The remainder of the month much cooler, and
frequent thunder showers, with favourable in-
tervals for harvesting the crops, which
were in most cases good in yield and quality.

September 1890.

Sept.	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain.
Mon. 1.	30.39 -34	NW ₁ SW ₁	37 52 64	Clear cold morning, bright and warmer with opening day, and bright and plea- sant afternoon.		
Tu. 2.	-32 -30	S ₁ SW ₂ SW ₂	48 58 65	Closer morning, clouds and sun, pleasant and warm day. More cloudy from 3 pm.		
W. 3.	-30 -29	SW ₁ SW ₂ SW ₂	53 62 68	Haze & sun, warm morning, close day, hazy at times & bright between, Close & cloudy evening.		
Th. 4.	-33 -38	W ₂ W ₁ Var. S	58 64 64	Bright morning, very warm, then cloudy with rain at noon and after. Sultry evening & rather cleared.	.12	
Fr. 5.	-43 -40	SW ₁ SW ₁ W ₁	58 64 71	Sultry morning with fog, hot afternoon, grey haze, and sun by twilight. The night in part foggy.		
Sat. 6.	-42 -50	Var. NW ₁ NW ₁	53 62 71	Fog early, then bright moon and hot with some light clouds, and very bright evening.	last Dr. 3.30 am.	
Su. 7.	-52 -52	NE ₁ E ₁ E ₁	52 60 67	Very bright morning and warm & bright day, with cirri, and salon air. Bright evening.		
42.544		359470		Mean Temp 59.214.		
				Rain cov up 0.12		

829 = A full Average.
A very seasonable week.

September 1890.

Sept.	Baro meter	Wind	Thermom Min 9 Max	Character	Notes	Rain 0.12
Mon. 8.	30.51 -48	NE ₁ SW ₁ SW ₁	44 57 71	Fog early, then bright warm, and pleasant, and very hot from 11 am and clear evening and night.		
Tu. 9.	-41 -40	SW ₁ W ₁ SW ₁	48 62 74	Very bright all day, and very hot, with no wind some cirri westward at eve.		
W. 10.	-30 -23	W ₁ W ₂ NE ₁	49 60 73	Fog early, then bright and very hot, with a few cumuli, more elec- tric, but fine night.		
Th. 11.	-26 -23	W ₁ SW ₂ SW ₃	49 60 67	Bright with some clouds, & breezy wind, more cloudy from 1 pm. but again bright in the evening.		
Fr. 12.	-35 -35	W ₁ W ₁ W ₁	47 56 69	Fog early, then bright and very warm, with few clouds, and very bright & calm evening and fine night.		
Sat. 13.	-33 -33	SE ₁ SE ₁ SE ₁	49 58 64	Bright morning, the day hazy, with par- tial sun. Evening fine, but chiefly hazy.		
Su. 14.	-35 -33	NE ₁ SE ₂ E ₁	43 58 68	Fog early, then be- came bright and warm, with some clouds, very bright evening.	New moon 7.58 am.	
424.86		329486		Mean Temp 58.214		
				Rain cov over .12		
				815 = Nearly 1° below Average.		

A lovely summerlike week.

September 1890.

Sept.	Barometer	Wind	Thermom. 9 ^{am} 4 ^{pm}	Character	Notes	Rain
						0.12
M. 15.	30.28 -21	E 1. E 1. E 1.	48 62 71½	Bright and hot, with a gentle wind, a real summer day, and a brilliant evening.		
Tu. 16.	-20 -19	SE 1. SE 1. SE 1.	55 64 72	Bright, lovely morning and a very brilliant and hot day, and the evening the same.		
W. 17.	-12 -12	SE 1. SE 2. SE 1.	54 62 70	Bright and hot, with fresh breeze, & a few light clouds. More hazy after 3 p.m.	at 11 p.m. cloud thunder	.10
Th. 18.	-10 -12	SE 2. S 2. S 1.	59 64 70	Sultry morning & some clouds, then bright & hot, more clouds after 5 p.m., dist. thun., rain at night.	distant thunder	.08
Fr. 19.	-11 -08	SE 1. SE 1. SE 1.	54 59 66	Clouds & sun, but mostly bright, and very warm. Close night, rain after 12.		
Sat. 20.	29.90 -91	SE 3. S 3. S 2.	56 61 66	Rain early and strong till 10, then bright and warm, with some cumuli and a fine evening.	moon 1st Dr 10.6 p.m.	.18 .03
Su. 21.	-96 -92	SSE S 3. S 2.	52 60 66	Warm & breezy, with clouds and sun. Breezy but very warm. Thunder storm at 8.	Heavy thunder at 7 p.m.	.42
421.22		3784815		Mean Temp 61.396. Rain 0.93		
8595 = Nearly 2½° above Average.						

A real summer like week.
Heavy thunder storm 8½ pm - the 21st.

September 1890.

Sept	Barometer	Wind	Therm. 9 ^{am} 4 ^{pm}	Character	Notes	Rain 0.93
M. 22.	29.86 30.00	S 2. S 3. S 1.	53 58 65	Clouds and sun, but chiefly bright & very warm. Close evening slight rain at 8.		.02
Tu. 23.	-05 -11	SW 1. SW 1. SW 1.	51 56 63	Clouds and sun, with gentle wind, pleasant till 1 pm; shower at 1 1/2 pm, afterwards more cloudy.		.03
W. 24.	-23 -30	SW 1. WSW 2. W 1.	49 56 65	Bright morn'g, then clouds and sun, warm and pleasant. More cloudy after 3 pm.		
Th. 25.	-39 -50	W 1. W 1. Varo	54 60 64	Close morn'g, cleared by 9 am. Clouds and sun, warm and pleasant. Fine evening.		
Fr. 26.	-42 -43	W 2. SW 2. SW 1.	49 56 68	Clouds and sun, and a sultry breeze, very hot afternoon. Cloudy and sultry evening, and close night.		
Sat. 27.	-49 -41	W 2. WSW 2. SW 1.	61 66 74	Sultry morn'g, very hot and close day, and chiefly bright. Little haze & sultry evening.	very hot for the season.	
Su. 28.	-31 -23	SW 1. SW 1. SW 0.	56 60 67	Close morn'g, cloudy till 2 pm, afterwards at times bright, and from 4 pm, very bright, very fine night.	Full moon 1.0 pm.	
423.73		373466		Mean Temp 59.92. Rain 0.98		
839 = Nearly 1° above Average.						

Another full summer week. —

September 1890.

Sept.	Baro meters	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain 0.98
M. 29.	30.20	SW, 50	58	Bright morn'g, then clouds and sun, warm and pleasant. The even'g chiefly clear.		
	-12	SW, 64				
Tu. 30.	-12	SW, 55	58	Clouds & sun, breezy very warm and pleasant.		
	-05	SW, 67				
	120.49	103.131	Mean 2 days 59°		Rain 0.98	

Barometer.
Highest on the 7th 30.52
Lowest on 22nd 29.86
range 0.66
Mean of month 30.26.
No positive gale
during the month.

Thermometer.
Highest on 10th 27° - 74°
Lowest on 1st am 37°
Range - 37°
Mean daily range 16.51
Mean of month 59.64
Considerably
above Averages. -

Prevailing winds the
SW, W, S, and S.E. -
Fine days 24 in number
Rainfall '98 only. -

A very fine, hot, and lovely month, and
highly salutary for completing harvest.
We have not known so charming a
September for many years, and moreover
it was the best month of this year,
and the highest mean temperature.
A peculiarly soft and balmy air, day and
night, nearly alike from the 4th to the 30th.
We have known a Sept. day of more excess on
some occasions, but now a continuous summer state,

October 1890.

Oct.	Baro meters	Wind	Thermom. Min. 9. Max.	Character.	Notes	Rain.
W. 1.	29.90	SSW 54	58	Warm, with gusty wind, & sun at times. But a storm at 4pm. Fine over night.		.04
	-89	SW ₄ W ₂	65			
Th. 2.	30.28	W ₂ 40	47	Clear, cooler morning very bright day, but a cool air. Fine night.		
	-41	W ₂ 58				
Fr. 3.	-32	SW ₂ 44	52	Clear morning, and very bright day, warmer again, but breezy. Hot afternoon.	Hot afternoon	
	-25	WSW 67				
Sat 4.	-28	SW ₂ 47	55	Clear and very bright all the day, and hot for the season.	(Lovely summer skies)	
	-28	SW ₂ 68		Even similar.		
Sun. 5.	-26	SW ₂ 55	59	Very bright and lovely morning, day very warm, thin clouds and sun, fine night.	moon lost at 8.23pm.	
	-22	WSW 66				
Mon. 6.	-17	SW ₂ 55	59	Clouds and sun, but hot for the season, and mostly bright. Clear evening, but fine.		
	-17	SW ₂ 67				
Tu. 7.	-14	SW ₂ 56	58	Cloudy & sultry morning, little rain after 11am, and in the afternoon. Finer in the night.		.42
	-08	SW ₂ W ₁ 60				
	423.65	351.451	Mean temp 57.285		Rain cal over 0.46	

802 = More than 5° over Average!
A lovely summer-like week!

October 1890.

Oct	Baro	Thermom	Character	Notes	Rain
	natural	Wind			0.46
W. 8.	30.37	NW 1.45	Bright with some		
		NE 1.50	light clouds, pleasant		
	-49	NE 1.59	but cooler than of late.		
			Evening clear.		
Th. 9.	-50	Var. 38	Cloudy and sun,		
		W 1.48	but pleasant, and		
	-44	SW 1.59	mostly bright, with		
			but slight wind.		
Fr. 10.	-40	W 1.39	Very bright morning		
		W 2.50	fine and pleasant		
	-40	WSW 63	day & chiefly bright.		
			& warm. Amber sunset.		
Sat. 11.	-40	W 0.44	Fog early, then very		
		W 1.53	bright and warm		
	-42	Var 64	for the season,		
			bright amber sunset		
			as last even.		
Su. 12.	-47	W 1.38	Great fog early then	Hot for the season.	
		W 1.54	bright and very		
	-46	SW 1.66	warm all day, but		
			a colder night.		
Mon. 13.	-45	Var. 34	Very bright day	new moon	
		S 1/2 51	and very warm	11.5 pm.	
	-44	SW 1.65	from 11 am, all day,		
		W 0.	and clear to the		
			sunset.		
Tu. 14.	-30	NW 1.35	Great fog till 9 am,		
		S 1.51	then bright and warm.		
	-20	S 1.63	for the period.		
			Hazy evening.		
425.74	273.440	Mean Temp 50.928.	Rain	0.46	
		713	and up		

About 1° below Average,
Another delightful week for Autumn.

October 1890.

Oct	Baro	Thermom	Character	Notes	Rain
	meter	Wind			0.46
W. 15.	30.00	SW 2.44	Cloudy & sun, warm		
		S 2.54	morning, showers after		
	29.74	WSW 54	9 am, but from 2 pm		
			fine with sun, and		
			clear evening.		20
Th. 16.	-69	W 4.41	Squally & cool, galy		
		W 6.46	but mostly bright		
	-73	W 6.51	till 4 pm. Gale and		
			showers at night.	Gale and rain night.	18
Fr. 17.	-90	W 4.41	Blue sky with		
		W 3.47	clouds & sun, but		
	-97	W 3.54	chiefly bright, but		
			an unsettled night.		
Sat. 18.	30.00	NW 4.45	Squally wind and		
		NW 3.50	showers, with sun		
	-72	NW 3.57	at times. Very un-		
			settled and cool.		12
Su. 19.	-20	NW 2.44	Cloudy and gloomy		
		NW 2.47	with colder atm.		
	-22	NW 1.49	sphere. Clearer from		
			5 pm. Fine night.		
Mon. 20.	-29	NW 2.45	Cloudy more or less,		
		NW 2.47	but clearer from 1 pm.		
	-30	WNW 51	little sun at times.		
			but a cloudy eve-		
			ning.		
Tu. 21.	-31	NW 1.43	Rain early, became	moon 1 st gr.	08
		NW 1.47	bright from 9 am, with	5.37 am.	
	-40	E 1.53	some clouds, and the		
			wind veered East		
			at noon. Shower at 9 pm.		24
420.87	303.363	Mean Temp 47.571.	Rain	1.24	
		666	and over		

Below Average nearly.
A great change, with lower temperatures

October 1890.

Oct.	Baro. meter	Wind	Thermom. Min 9 Max	Character	Notes	Rain 1-24.
W. 22.	30.52 -58	SE 1. S 2. Var	35 43 50	Bright all day, and a drying air, but cool in shade. Variable night.		
Th. 23.	-50 -42	NW 37 NW 1. W 1.	49 53	Cloudy, hazy, and gloomy, with a very damp air. The eve- ning similar.	01	
Fr. 24.	-30 -20	W 1.48 W 2. SW 1.	51 58	Hazy, snowing but warmer, and from 11 am, bright and pleasant. Close night.		
Sat. 25.	29.90 -70	SW 349 SW 2. SW 3.	53 54	Cloudy and close with little rain at times. Finer from 4 pm. Squally all night.	08 05	
Su. 26.	-53 -31	SW 340 NW 3 NW 2.	46 47	Squally morn, and threatening, but a bright afternoon. Snow & rain 5 pm, and halt in the evening.	05	
M. 27.	-92 30.02	NW 333 WNW WNW	36 42	Clear morn, and the day bright, but a black air, and a clear night with keen frost.	Full moon 11.42 pm. 040	
Tu. 28.	-11 -19	W 1.27 W 2. SW 0.	32 43	Sharp frost & clear. Bright all day, but very cold. Clear sun set, but less frosty night.		
421.40				269.347	Mean temp 44°	Rain 1.43

616 = 8° below Average!

A seasonable time till the 25th.

October 1890.

Oct.	Baro. meter	Wind	Thermom. Min 9 Max	Character	Notes	Rain 1-43
W. 29.	30.06 -07	SW 1.32 SW 2. SW 1.	47 56	Hazy, rain early, much warmer, with clouds & sun. Very plea- sant afternoon. Close evening. 52 at 8.		10
Th. 30.	-08 -13	Var. 49 N 1. N 1.	57 55	Close morn, then bright and pleasant all day. Fine eve- ning and night.		
Fr. 31.	29.93 -60	SE 2.41 SW 2. SW 2.	50 54	Cloudy & moist air, and gloomy afternoon, and light rain.		13
179.87				122.165	Mean 3 days 47.82	Rain 1.66

Barometer
Highest on the 22nd 30.58
Lowest on the 26th 29.51
Range 1.07
Mean of month 30.18

Gales on 2 days.

Prevailing winds SW,
10, and NW.

Thermometer
Highest on the 4th 68°
Lowest on the 28th 27°
Range 41°
Mean daily range 14.9°
Mean of month 49.74°
2.4 deg below the
Average.

Five days 21 in number.
Rainfall 1.66 Inch.

The lovely, bright, and warm weather of last
month continued to the 14th of this, after-
wards a changeable state; cooler, with a
little rain at times; galy on 16th and 17th and
snow on 26th in some places; but again milder
from the 29th to the end of the month.

November 1890.

Nov	Baro meter	Wind	Thermom Min & Max	Character.	Notes	Rain
Sat 1.	29.80 -93	NW 3.46 NW 2 W 1.	47 51 1/2	Cloudy till noon & little rain, but the afternoon chiefly bright, and the eve- ning clear.		.02
Su. 2.	-48 -38	SSE 4.38 SW 2 W 2	48 54	Squally morn'g, & some rain, fine and clearer p.m. and evening clear.		.11
M. 3.	-75 -80	W 2.38 W 1. S 2	40 47	Clear morn'g, and bright 10, then clouds & sun. Wind to South 5 p.m. - Rain at night.		
Tu. 4.	-50 -42	SW 1.42 SW 2 SW 1.	43 50	Unsettled am, and little rain, but the afternoon bright. and evening also, rain in the night.	moon last Dr 4.13 p.m.	.12 .02
W. 5.	-62 -75	NW 2.38 NW 3 NW 3	41 49	Cloudy with haze till near 11 a.m. then bright with some clouds at times. Hazy evening.		.03
Th. 6.	-92 -89	NW 1.40 NW 1. W 1.	41 50 1/2	Foggy till 9 a.m. then bright and pleasant, most of the day, clouds from 3 p.m.		
Fr. 7.	-18 -38	SW 3.43 1/2 W 6. W 4	45 47	Stormy wind and rain at times. Wet day and very galy, but less so the evening.	Galy and wet.	.22 .28
41 4'80		28 55 34 4		Mean Temp 45.32		Rain Galy & up .80

63 45 = 2.178 above Average.

On the whole a seasonable week.

November 1890.

Nov	Baro meter	Wind	Thermom Min & Max	Character.	Notes	Rain 0.80
Sat. 8.	29.72 -72	W 2.40 W 1. W 1.	42 49	Bright and tranquil all day, a perfect con- trast to the previous. Cloudy evening.		
Su. 9.	-52 -64	W 2.39 W 2. WSW 2	40 48	Rain early; fine day with clouds and sun. Clear & frosty evening.		.06
M. 10.	-84 -88	Var. 27 SE 1. SE 1	29 48	Keen frost and clear, continued very bright most of the day, but a few clouds p.m. a change in the night.		
Tu. 11.	-71 -68	SE 2.37 SE 2	42 45 1/2	Cloudy, gloomy and rain at times a.m. finer p.m. Night frosty & clear on.		.03
W. 12.	-96 30.02	SSE 1.30 S 1. Var. 48	34 48	Frost am, the day chiefly very bright and calm. Hazy sun- set and evening.	new moon 1.38 p.m.	
Th. 13.	-00 -04	SSE 2.42 S 1. Var. 51	48 57	Cloudy & closer and the same all day, breezy at first, but nearly calm p.m. - Hazy evening, some rain.		.11
Fr. 14.	-12 -11	SE 1.31 SE 1. S 8.	32 55	Frost am & clear, then fog, but a bright af- ternoon. More win- after 5 p.m. & close night.		
41 7'96		24 6 34 5		Mean Temp 42.142		Rain cad over 1.00

5908 = 5905 = Nearly 1 deg below Average.

Another seasonable week.

November 1890.

Nov	Baro meter	Wind	Thermom min 8. Max	Character.	Notes	Rain 1.00
Sat. 15.	30.18 -34	NW ₂ NW ₂ No	46 52 52	Cloudy morn'g but after 10. bright and pleasant till 2pm afterwards cloudy.		
Su. 16.	-36 -36	SE ₂ SE ₁ SE ₂	36 44 51	Morn'g hazy but in part bright, more wind in the after- noon & cloudy.		
Mon. 17.	-40 -43	NW ₁ NW ₁ W ₁	40 42 45	Clear then fog all day, more or less, and chiefly calm.		
Tu. 18.	-42 -40	SW ₁ SW ₂ SW ₂	40 48 54	Very mild, but cloudy and dark, more wind from clear from 4 pm.		
W. 19.	-49 -50	S ₃ S ₂ SW ₁	44 49 54	Cloudy, and dark but mild, and a stagnant air very close night.	moon 1st Qr 0.45 pm.	
Th. 20.	-50 -50	W ₂ W ₁ W ₂	49 54 56	Clear at 7, then close and cloudy, very mild and damp day. Clearer night.		
Fr. 21.	-30 -16	SW ₂ SW ₄ SW ₂	48 50 53	Clouds & sun, and very mild, more squally & lowering pm. Clearer at 4pm.	storm rain 4pm.	.08
42.534 30.3365 Mean Temp 47.714 Rain 1.08 668 = 4 3/4 above Average.						

A very fine and mild week for
this period of the year.

November 1890.

Nov.	Baro meter	Wind	Thermom min 8. Max	Character.	Notes.	Rain 1.08
Sat. 22.	30.20 -75	WSW ₃ WSW ₂ W ₂	38.2 42 50	Clear, and bleak mor- ning, but a cloudy afternoon, and gales and showers at night.		.12
Su. 23.	29.71 -49	SW ₆ SW ₄ W ₆	48 55 60	Warm & stormy, very squally & some rain worst at 8pm, but a boisterous night.		.04
Mon. 24.	-30 -70	WE ₁ NW ₄ NW ₃	41 42 44	Great storm of wind and rain from till dawn. Squally day & colder an unsettled night.		.64
Tu. 25.	-80 30.02	NW ₁ NE ₁ NE ₂	33 36 42	Clear morn'g then lowering and cold, with rain at times, & some hail at evening.		.03
W. 26.	-20 -22	NE ₁ NE ₁ N ₁	27 28 33	Much snow from 5 am, and at times till 1.23 pm. day, and in the night also, with keen frost.	Full moon	.0
Th. 27.	-10 -07	N ₁ No NE ₁	19 26 29	Severe frost, & more snow in the morn'g, very cold day, clouds & sun, snow again at night.		.0
Fr. 28.	-10 -13	E NE E E	21 26 28	Severe frost, & much snow from 7am till noon, fine pm, and fine night, but severe.		.0
41.909 22.8286 Mean Temp 36.714 Rain 1.97 514 = 6 3/4 below the (can't over- Storage & 11 below previous!						

A great change,
and a notable week of the extremes of the month.

November 1890.

Nov	Barometer	Wind	Thermometer Min & Max	Character	Notes	Rain 1897
Sat. 29,	30.20	NW, 20		Continued frost, but cloudy and thick, get very fine. Clearer after midnight & severe.		
-22	NW,	21	32			
Su. 30,	40	Var. 10		Clear & very severe, am, Bright with a haze, pm, but severe. Hazy, and less frost at night.		
-37	SE,	12	29			
12/19	30	61		Mean 2 days 22° 75!	Rain 1897	

Barometers	Thermometer
Highest on the 20 th — 30.50	Highest on 23 rd — 60°!
Lowest on the 7 th — 29.18	Lowest on 30 th — 10°!
Range — 1.32	Range — 50°
Mean of month 29.97	Mean daily range 9.73
Gales on 4 days, viz. the 7 th 21 st 23 rd & 24 th .	Mean of month 41.65
Winds prevailing NW SE, and SW.	1 1/2° under Average.
	Time days in number, and rain 1897, etc.

This was a variable month; the 1st week was stormy, and mild; the 2nd week finer, and some mild days, others not so; the 3rd week very fine, and exceedingly mild, but ending stormy; thence very stormy and mild to the 23rd and much rain on the 24th. The last week snow-storms, ending with severe frosts. The last four days were the coldest of any on our records in any November! This was an abrupt change, as the 23rd was the mildest day of the month, the extremes falling in one week, a difference of 50°!

December 1890.

Dec.	Barometer	Wind	Thermometer Min & Max	Character	Notes	Rain
M. 1.	30.28	SE, 26	30	Hazy with a gentle thaw, cleared after 3pm, and sharp frost part of the night.		
-11	SW,	37				
Tu. 2.	29.93	Var. 17	33	Cloudy and hazy from 8 am till day, but rather less so after 3pm. Cloudy night.		
-93	SE,	35				
W. 3.	29.90	Var. 31	33	Foggy and slight thaw, more or less fog, and very gloomy. Gentler thaw part of night.		
-88	NW,	35				
Th. 4.	29.88	NNE, 33	41	Cloudy thaw and a little rain, very dark and damp, night this morn.	MOOTL last 24 1:27pm.	72
-90	E,	48				
Fr. 5.	30.00	ENE, 36	37	Cloudy and gloomy, cold and nipped sart, but a drying breeze all night.		
-02	E,	40				
Sat. 6.	29.12	ENE, 36	37	Cloudy and drying in pm, change of wind after noon, but still abating, but clearer after 3pm, and frosty night.		
-17	NW,	39 1/2				
Su. 7.	29.22	E, 28	33	Frosty am, fine day with clouds & sun, and a drying air. Fine breeze night.		
-23	E,	38				
42.057		2072675		Mean Temp 33.85.	Rain over 0.12	

474 = 5° below Average.

A severe time for the opening of winter.

December 1890.

Dec.	Barometer	Wind	Thermom. Min. & Max.	Character	Notes	Rain O'12
M. 8.	30.10 -12	E 2, 33 E 1. S E 1.	34 35	Cloudy, cold breeze, then more overcast, but less wind, dark & cold, cloudy night,	☐ 20	
Tu. 9.	-15 -19	S E 1, 33 S E 1. S S E 1.	38 43	Cloudy till after 9 then bright all the day to sunset, and clear & set, amber tint.		
W. 10.	-22 -27	N E 0, 25 N E 1. N E 0.	25 36	Clear & frost, then fog at times, and some sun, again very bright till & set.		
Th. 11.	-25 -20	N E 1, 25 E N E E N E	27 35	Frost then fog, and a grey cloudiness in the afternoon, and little sun. Keen frost at night.		
Fr. 12.	-21 -21	N E 0, 22 N E 1. N E 0.	26 34	Keen frost am then fog or cloudy at times. Clearer from 4 pm. Sharp frost night.	new moon 3.11 am.	
Sat. 13.	-19 -18	N E 0, 19 S E 1. E 0.	19 35	Keen frost, and clear, bright all day, and chiefly calm, and a pure, golden & set.		
Su. 14.	-17 -12	N E 0, 18 N E 0. N E	20 35	Severe frost, and bright all day, with calm at times. Severe night.	Great frost meter 9.1 pm N E to S W.	
42038		175253		Mean Temp 30.05. Rain 0.12.		

A very severe week.

December 1890.

Dec.	Barometer	Wind	Thermom. Min. & Max.	Character	Notes	Rain. O'12
M. 15.	29.91 -85	SW, 16 Varo Varo	22 31	Severe frost am, then snow at times, heavy in the forenoon, clearer after 2 p.m., but again thick. Cloudy night.		☉
Tu. 16.	-93 -95	E 0 E 2. E 2.	23 31 32	Cloudy, nearly all the day alike, and less frost, but more wind and cloudy night.		
W. 17.	-98 -99	NE 1, 28 NE 1. NE 1.	31 33	Cloudy, little snow at times, and very little wind. Night cloudy, but fine.		☉
Th. 18.	30.01 29.90	NE 0, 16 NE 1. E 0.	23 30	Severe frost up to 10 am, and clear, but cloudy with some fog pm. Severe evening.	more 1st Dr 8.36 pm.	
Fr. 19.	-48 -43	E 2, 19 ESE 1. ESE 1.	27 31	Severe and snow at times, very cold, and melancholy. Sharper at night.		☉
Sat. 20.	-90 30.10	E 0, 18 Varo Varo	19 30	Severe frost & fog, very severe all day and anasty foggy. Less frost after 3 p.m.		
Su. 21.	-30 -35	W 0 Varo Varo	25 27 33	Frost, and bright most of the day, but some clouds after 2 p.m. Clear & severe night.		
41908				145225	Mean Temp 26.071. Rain 0.12.	
365 — nearly 13° below Average.						

A week of unusual severity.

December 1890.

Decr	Bar meter	Wind	Therm. Min 8 Max	Character	Notes	Rain 0.12
M. 22.	30.33	Var. 0	6	Very severe frost, and fog with rime, mostly fog at evening but rather less se- vere, yet continuing		
	-29	Var. 0	8			
Tu. 23.	-12	NW 0	9	Very severe, with fog, but milder in the afternoon fog gone, cloudy & little wind, milder all night.		
	-11	SE 2	15			
		SE 1	34			
W. 24.	-33	SE 1	29	Cloudy & much milder morning, and near the same all day, but a frost night.		
	-32	SE 1	30			
			36			
Th. 25.	-32	SE 1	23	Frost, but cloudy, clearer after 12, and the afternoon chiefly bright, but foggy from 4 pm.		
	-30	SW 1	26	Cloudy night.		
		Var. 0	32			
Fr. 26.	-32	SW 0	23	Cloudy, frost am. Full moon thick all day, and little snow at times 5.57 am.		
	-37	W 1	29	Cloudy night.		
		Var. 0	34			
Sat. 27.	-38	NE 0	30	Cloudy, snow at times, fine after- noon, but dark & thick, bright overcast.		
	-32	NE 1	30			
		SE 1	34			
Su. 28.	-25	NE 1	30	Cloudy and thick, with cold atmosphere, but fine. Evening the similar state.		
	-24	NE 1	32			
		NE 0	32			
424.02			150 225	Mean Temp 26.785	Rain 0.12	

375 = 124.0 below Average.

Another very severe week.

December 1890.

Decr	Bar meter	Wind	Therm. Min 8 Max	Character	Notes	Rain 0.12
M. 29.	30.29	NE 1	26	Cloudy & thick, with frost, and increased all day. More wind in the night, & frost keen.		
	-29	NE 1	27			
			28			
Tu. 30.	-30	NE 0	21	Cloudy, with sharp freezing breeze all day, clears after 3 pm.		
	-31	NE 0	21			
			24			
W. 31.	-29	E 2	19	Frost continued, bright till noon, cloudy afternoon, much milder to night.		
	-21	E 2	27			
			32			
181.69			66 84	Mean 3 days, 25°	Rain 0.12	

Barometer.

Highest on 27° - 30.38

Lowest on 19° - 29.43

Range 0.95

Mean of month 30.09

No Gales.

Persuading winds
NE, SE, and E.

Thermometer.

Highest on 4th & 9th - 43°

Lowest on the 22nd - 6°

Range - 37°

Mean daily range - 9.85

Mean of month - 28.90!

10.1 below Average!

Fine days 27 in number
Rain only 12 of an inch!

This was an exceptionally severe month,
and the coldest December on our records!
Notable also, that this was local with us, as it
was mild and pleasant at Glasgow, although
so far to the northward!

Annual Results, see overleaf.

The Year 1890.

A mild January; variable
Spring and Summer;

A warm and lovely period all
September, and to Oct- 14th;

and a very severe winter from
Nov- 26th to Dec 31st.

Hottest day, August 5th, Therm 78°;
Coldest - December 22nd - -6°!

Total Rain in the year 20.34 Inches.
Fine days 241 in number.

NB. Half the rain fell between
May 6th and August 29th!

Great Firey Meteor on 14th near 10 pm,
passed from NE to SW during severe frost.
This was likely to render the air colder still!

