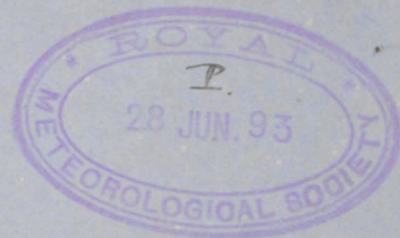


*Journal*  
— for —  
— 1873 & 1874. —

THW  
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— Meteorological —

— Journal —

— for —

— 1873. —

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# January 1873.

Jan'y	Baro- meter	Wind	Thermom <sup>t</sup> Min. 8 Max. am	Weather, &c.	Notes	Rain.
W. 1.	29.85 -91	S 2. SSW 2. SW 4. & 6.	39 42 46	Clear, and bright mor- ning, continued so all day, but became hazy from 2 set, during eveng. Blowing hard in the night.		
Th. 2.	-61 -68	SW 6. SW 2. SW 4.	40 47 48	Heavy gusts till after 3 am. fine forenoon, after- wards cloudy & wet at times. gusty evening but fine & clearer.		16
F. 3.	-90 -75	SW 3. S 5. S 3.	36 42 47	Sunny morn'g. some small red clouds. soon cloudy & stormy sky, very wet. P.M. heavy rain & some loud thunder. Fine evening & night.	Thunder Eastward 3.35 pm	42
S. 4.	-98 -82	SSW 1. SSW 3. SW 5.	38 41 53	Cloudy, overcast, and rain at times after 10 am. Very wet. P.M. and more wind. and a blowing evening, and stormy night.		24
Su. 5.	-77 -84	SW 3. SW 2. SW 2.	41 43 46	Much rain from 2 to 5 moon 1 <sup>st</sup> 2 <sup>nd</sup> am; fine and bright 9. 27 pm. after 8 am. & till noon then cloudy & showery but the night fine.	♀ * ♂ valleys flooded.	30 02
M. 6.	30.05 -72	SSW 4. SW 4. SW 2.	37 48 51	Mild and blustering more or less all day, but fine, and cloudy. Clearer after 2 pm, and less wind.		
Tu. 7.	-21 -75	SW 1. SW 3. S 2.	43 47 49	Close, mild & cloudy morn'g, clearer after 10, more wind. P.M. but mild & fine, and the evening & night also.	♂ □ h	
41864			2743405	Mean Temp., Rain & Cover: 1 1/4		

6145 = 43.89, nearly 9° above the  
Average.



# January 1873.

Jan'y.	Baro. meter	Wind	Thermom.			Weather, &c.	Notes.	Rain. 1-14
			Min.	8 am	Max.			
W. 8.	29.94	S 3.	40			Splendid East at rise, crimson & gold bands in lines with horizon, very fine and bright day.		
		S 2.		45		Cloudy & blustering evening.		
	-87	S 4.		49				
Th. 9.	-72	S 3.	42			Mild, squally and rain at times, in the early part of the morn'g, less wind in the day, and close with trifling drizzles.	.04	
	-74	S 2.		47				
		S 3.		50				
F. 10.	-75	SW 2.	46			Very mild and close morn'g, clearer with some sun during the day, and mild as before. Even'g bright moon-light.		
	-93	SW 2.		50				
		SW 2.		53				
S. 11.	-93	SSE 2.	43			Cloudy, close, and mild, with a rainy looking sky, and very little wind, but a clearer even'g & little more wind.		
	-94	S 1.		48				
		S 2.		50				
Su. 12.	-96	SW 1.	46			Close and very mild in the morn'g, clearer and sun from 10 am, till 2 pm then some clouds. Even'g clear, colder, & less wind.		
	30.08	SW 3.		49				
		W 1.		49				
M. 13.	-00	SW 5.	38			Blustering with show- ers early AM: finer in the day, but windy, and the even'g mild but blustering. —	Full moon 4. 23 pm. ☾ ☽	.15
	-71	SW 5.		47				
		SW 4.		52				
Th. 14.	-21	SW 2.	49			Very mild, and blustering but cloudy more or less. The early garden flowers flowering. Fine evening and night.		
	-21	SW 3.		50				
		SW 3.		52				
41 9.39			30.4	35.6		Mean Temp 47.17. Rain cal. up 1.33		
			660.5 = 12° above Average!					

# January 1873.

Jan'y.	Baro. meter	Wind	Thermom.			Weather, &c.	Notes.	Rain 1-33
			Min.	8 am	Max.			
W. 15.	30.10	SW 1.	42			Cloudy, and very mild, hazy and thick all the day. The evening similar. but clear after 8 pm, part of the night.		
		SW 1.		44				
	-10	SW 1.		48				
Th. 16.	-71	SW 1.	41			Hazy, and mild with some electric looking frag- ments of clouds. Bright and drying afternoon. Cloudy evening, & night.		
	-75	SW 2.		46				
		S 2.		51				
F. 17.	-04	W 2.	43			Rain early AM, fine and bright after 9, so continued all day. Fine evening and night chiefly clear & little frosty.	☐ ☽ ☉	.10
	-08	W 2.		45				
		W 1.		45				
S. 18.	29.97	W 1.	35			Clear, & little frosty, con- tinued mostly bright but hazy at noon, and a part of the afternoon. Stormy evening, and night.	Therm 44 all afternoon 4.51 to 9 pm.	
	-59	SW 3.		35				
		SW 3.		51				
		S 5.						
Su. 19.	28.94	SW 7.	42			Hard gale & rain at 5 am; finer after 7, sun at times stormy sky, and squally even'g, and colder night. Some storms of hail.	Lightning winers.	.17
	-72	SW 3.		45				
		S 5.		45				
		3. 2.						
M. 20.	-63	SW 2.	31			Storms with hail early AM. Freezing from 7 am, for a short time, bright in the, and cold air much lightning all evening in South.		.12
	-63	SW 3.		32				
		SW 1.		39				
Tu. 21.	-85	NW 3.	28			Some snow early AM, a freezing breeze all the mor- ning & bright at times. Cloudy p.m. Clear night.	moon last 2n 8. 30 pm. ☽ * 4	
	29.17	NW 3.		32				
		W 3.		37		Frosty night till 12. —	Snow.	
41 3.08			26.2	31.6		Mean Temp 41.32. Rain cal. over 1.72		
			578.5 = 6 1/4° above Average.					



# January 1873.

Jan.	Baro. meter	Wind.	Thermom. Min. 8 am. Max.	Weather, &c.	Notes.	Rain. 1'72
W. 22.	28'95 -88	S <sub>4</sub> SW <sub>2</sub> SW <sub>1</sub>	31 40 43	Change early AM, rain and fluctuating wind till 8, then fine, and bright at times. Cloudy evening, rain at midnight.		18
Th. 23.	29'51 -62	NW <sub>3</sub> NW <sub>2</sub> SW <sub>1</sub>	3 1/2 34 41	Storm of rain before 1 am, clear morning & little frost after day light, bright day, & cold air. Hazy even but partly clear.		11
F. 24.	-57 -79	NE <sub>1</sub> NE <sub>2</sub> NE <sub>1</sub>	32 39 44	Some rain early AM. Overcast morning and chiefly cloudy through the day, but some sun PM. Arks of cloud across sky at eve.		24
S. 25.	30'03 -07	N <sub>0</sub> N <sub>1</sub> SE <sub>1</sub>	2 1/2 30 41	Hard frost and fog; from 10 am bright, but wind veered at 2 pm & milder. Fine & frosty evening. Cloudy in the night.		
Sa. 26.	-04 -04	SE <sub>3</sub> SE <sub>5</sub> SE <sub>1</sub>	32 36 39	Cloudy, and cold breeze, more wind after 11 am and very cold, but some sun pm. Even more calm, clear & frosty.		
M. 27.	-16 -20	SE <sub>1</sub> SE <sub>2</sub> SE <sub>2</sub>	28 34 42	Frost early, bright and tranquil all the forenoon, and the afternoon bright but more wind. Fine even & frosty.		
Tu. 28.	-14 -12	ESE <sub>2</sub> ESE <sub>1</sub> E <sub>2</sub>	29 34 3 1/2	Dry frost, and keen new moon wind, but bright, with 5.27 pm. a few clouds, and keen air. Cloudy evening.		
41 7'12      211 28'3 (Mean Temp 35'60) Rain 2'05						
498'5 ——— About the Average.						

# January 1873.

Jan.	Baro. meter	Wind.	Thermom. Min. 8 am. Max.	Weather, &c.	Notes.	Rain. 2'05
W. 29.	30'13 -17	E <sub>0</sub> E <sub>0</sub> E <sub>0</sub>	32 34 35	Cloudy and thick, calm & slight frost early; very cloudy day, & small snow at times. Even and night cloudy, but fine, and more wind.	Snow.	
Th. 30.	-13 -07	E <sub>2</sub> E <sub>3</sub> E <sub>2-4</sub>	32 35 36	Cloudy, and keen wind, all day alike, but chiefly fine. Evening and night cloudy and a brisk wind.	♂ ♀ h ♀ * h	
F. 31.	-17 -20	E <sub>3</sub> E <sub>4</sub> E <sub>3</sub>	34 37 37	Cloudy and dark sky, & brisk wind, very cold and threatening. Evening and night cloudy, and freezing.		
180'87      98 108 (Mean 3 days 34'33) Rain 2'05						

## Barometer.

Highest on the 7<sup>th</sup> & 14<sup>th</sup> 30'21

Lowest on the 20<sup>th</sup> 28'63

Range = 1'58

Mean of month 29'98

Gales on 4 days. —

## Thermometer.

Highest on the 4<sup>th</sup> & 10<sup>th</sup> 53° —

Lowest on 25<sup>th</sup> 27'5

Range = 25'5

Mean daily range 8'35

Mean of month 41'25

6 degrees above Average. —

Prevailing winds South-West; —

Rain fall 2'05 Inches. — Fine days 18 in number.

This month was remarkably mild to the 19<sup>th</sup> day, then some gentle frosts, and keen winds to the end of the month, but very little snow in these parts.



# February 1873.

Feby.	Baro. inches	Wind.	Thermom. Min. 8. Max.	Weather &c.	Notes.	Rain.
S. 1.	30.20 -10	E <sub>3</sub> . E <sub>2</sub> . E <sub>4</sub> .	30 30 33	Cloudy, hard frost, and gentle snow at times in the forenoon; finer P.M., & rather clearer and a blowing evening.		
Su. 2.	29.70 -58	E <sub>5</sub> . E <sub>3</sub> . ESE <sub>3</sub> .	27 28 31	Hard frost, & blowing keenly, snow from 8 am; increased till 10 am, & afterwards at times finer, but again snowing fast after 2 pm. fine evening.	Snow.	
M. 3.	-56 -73	N <sub>2</sub> . N <sub>3</sub> . N <sub>3</sub> .	29 35 35	Overcast, rain & thaw from 4 am, dark day with rain and snow at times, and the evening the same.	Snow.	15 30
Tu. 4.	-90 30.16	Var. NE <sub>1</sub> . NE <sub>1</sub> .	32 36 40	Overcast, thaw, and light rain at times; very foggy P.M., and mild compared to previous few days. Clearer night.	moon 1 <sup>st</sup> Dr. 10.6 am.	03
W. 5.	-18 -15	SE <sub>0</sub> . SW <sub>1</sub> . SW <sub>1</sub> .	29½ 30 40	Clear & frosty A.M. chiefly bright in the day, till 1 pm, then hazy & thick. Even & night similar.	♀ □ ♂	
Th. 6.	-13 -15	NE <sub>1</sub> . NE <sub>1</sub> . N <sub>1</sub> .	30 31 38	Clear & little frost in the morn'g. Very hazy damp and cloudy all the day, but the night cleared.		
Fr. 7.	-18 -21	NE <sub>3</sub> . NE <sub>4</sub> . NE <sub>4</sub> .	33 37 40½	Cloudy more or less, and a brisk and cold wind. Evening the same. Blowing & cloudy night.		
41 9.93		21 0.5 25 7.5		Mean Temp 33° 42 Rain cal up 0.48		
		468		= 3½ below Average.		

# February 1873.

Feby.	Baro. inches	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 0.48
S. 8.	30.20 -27	NE <sub>5</sub> . NE <sub>5</sub> . NE <sub>4</sub> .	34 37 37	Cloudy, and a cold boisterous wind, the same all the night, but fine, and a dying frosty state of air.		
Su. 9.	-25 -24	NE <sub>3</sub> . NE <sub>2</sub> . NE <sub>2</sub> .	33 35 36	Cloudy, little snow at times, yet no positive frost. Night fine very little wind, and mostly cloudy.	Snow.	
M. 10.	-25 -29	NW <sub>1</sub> . NW <sub>4</sub> . NW <sub>3</sub> .	32 34 42	Cloudy, little snow at intervals, then rain, afterwards hail showers, and sun between, and more wind. Squally evening, & snowy.	Snow.	03
Tu. 11.	-37 -18	NW <sub>2</sub> . NW <sub>2</sub> . NW <sub>3</sub> .	28½ 32 38	Frost, & flights of snow, with bright intervals. More unsettled & squally P.M. and snow storms in evening & night.	Snow.	
W. 12.	-03 -14	NW <sub>3</sub> . N <sub>5</sub> . NE <sub>4</sub> .	31 36 41	Little frost early: very squally & boisterous forenoon, sun at times. Blowing afternoon, but less wind in the evening.	Full moon 11.33 am.	
Th. 13.	-22 -18	NW <sub>2</sub> . NW <sub>3</sub> . WNW <sub>1</sub> .	32 35 43	Light showers of snow, continuance, bright with some clouds in the forenoon; fine & pleasant P.M. and mostly bright, & less wind cloudy in the evening.		03
Fr. 14.	-24 -32	WNW <sub>1</sub> . WNW <sub>2</sub> . W <sub>1</sub> .	32 34 43	Fog & sun by turns, but chiefly thick and foggy from 9 am; few drops of rain P.M. very fine night.		
42 3.18		22 2.5 28 0		Mean Temp 35° 79 Rain over 0.54		
		502.5		= 1¼ below Average.		



# February 1873.

Feb'y.	Baro. meter	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain. 0.54
S. 15.	30.43 -53	W <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	36 38 45½	grey clouds & fine and calm morning. Clearer after 11 am, very fine, and at times bright. The afternoon very clear & fine. Sun set clear.	8 0 4	
Su. 16.	-58 -63	W <sub>0</sub> W <sub>2</sub> NW <sub>0</sub>	34 38 40	Very cloudy and calm morning, continued cloudy all day, more wind PM, & a cold raw air. The evening again calm, & cloudy as before.		
M. 17.	-70 -72	W <sub>0</sub> W <sub>1</sub> W <sub>1</sub>	33 35 37	Overcast and thick, but very fine and calm. Very cloudy all day, and a cold atmosphere. Night calm & thick.	8 8 4	
Tu. 18.	-78 -76	W <sub>0</sub> W <sub>0</sub> SW½	31 34 37½	Very thick & cloudy, with a blue mist nearly the whole day alike, and quite calm. Foggy and dark evening.		
W. 19.	-74 -67	SW½ SW <sub>1</sub> SW <sub>1</sub>	30½ 33 37	Thick & hazy as before. Little frost early. Continued cloudy & cold all day. Evening similar.		
Th. 20.	-57 -55	W <sub>0</sub> NW <sub>1</sub> NE <sub>1</sub> SE <sub>1</sub>	29½ 33 38½	Great fog, all the morning, & some frost, and foggy all day, but not so dense, and sun visible. Evening again very foggy.	moon last Br. 11.23 am.	
F. 21.	-40 -21	SE <sub>2</sub> SW <sub>1</sub> SW <sub>1</sub>	34 36 36	Cloudy, and cold all day alike, but fine. Evening the same, but more wind in the former part of the night.	6 8 0	
428.27		228 2715		Mean Temp 35.67 Rain cal up 54		
		499½		near 1½° below Average.		

# February 1873.

Feb'y.	Baro. meter	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain. 0.54
S. 22.	29.95 -90	SW <sub>2</sub> SW <sub>4</sub> W <sub>1</sub>	28 33 42	Cloudy, and in the afternoon rain at times. Finer after 4 pm, & less wind. Fine and frosty night, & became clear.		07
Su. 23.	-95 -84	W <sub>0</sub> SSE <sub>2</sub> S <sub>2</sub> SW <sub>2</sub>	26½ 30 40	Hard frost, & became very bright all the forenoon, the PM more hazy, and some clouds. Snow at times in the evening.	Snow	
M. 24.	-87 -85	WNW <sub>1</sub> NW <sub>2</sub> NW <sub>1</sub>	28 31 32	Hard frost, cloudy, & little snow, more snow during the day, & continued frost. Finer after 3 pm, but snow in the night.	Snow	
Tu. 25.	-90 -60	SE <sub>4</sub> SE <sub>6</sub> SE <sub>2</sub>	25 31 37	Sharp frost early AM, snow drifting at the SE, blowing & snowing till noon, then rain at times, & thawing: ant night.	Snow	25
W. 26.	-70 28.97	S <sub>4</sub> S <sub>4</sub> SW <sub>3</sub>	35 45 48	Much rain & wind till 8 AM, milder, but very squally & rain at times in the afternoon, and evening. Stormy night.	8 AM, milder, but very squally & rain at times in the afternoon, and evening. Stormy night.	20
Th. 27.	29.26 -62	NW <sub>5</sub> NW <sub>5</sub> NW <sub>3</sub>	38½ 41 44	Squally and rain at intervals, very windy all day, and bright at times. Sun set red, & in part clear. Fine night.	new moon 3.22 am. 9 Δ 4	11 03
F. 28.	-73 -86	NW <sub>2</sub> NW <sub>1</sub> N <sub>1</sub>	31½ 34 40	Bright & little frost early AM, chiefly fine & sunny in the day, but some stormy clouds.		
415.40		2125 283		Mean Temp 35.39 Rain 1.40		
		495.5		near 1½° below Average.		



# Results for February 1873.

Barometer		Thermometer	
Highest on 18 <sup>th</sup>	30.78!	Highest on 26 <sup>th</sup>	48°
Lowest on 26 <sup>th</sup>	28.97.	Lowest on 25 <sup>th</sup>	25°
Range	1.81	Range	23°
Mean of month	30.12	Mean daily range	7°.8
Gales on 4 Days.		Mean of month	35°.06.
		About 2° below Average.	

Prevailing winds NE, NW, & SW, the rest much divided.  
 Fine days 15. Rain fall 1.40 Inch.  
 This was uniformly a cold month throughout, although never very severe, but the day temperatures being so low, produced a mean so much below the Average for the period: and it was a beneficial check upon the previous premature start of vegetation generally.

# March 1873.

March	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
S. 1.	29.63	SE 4. SE 5. SSE 4.	26 35 39	Frost early AM. then cloudy & rough wind. The afternoon dark and overcast with snow & rain, then rain only and at times in the evening.		.75
Su. 2.	30	W 4. NW 4. NW 3.	35 43 47	Cloudy & rain at times, in the morning; fine and bright afternoon, & less wind. Fine evening and night.		.05
M. 3.	30.02	SSE 1. S 4.5. S 3.	32 37 43	Change, cloudy and close morning, blustering and wet after 11 am, and a very coarse afternoon, but the rain was but light.		.72
	29.82					
	178.28		93   129	Mean Temp 37° - Rain 0.32		
			222	5° below Average.		

# March 1873.

March	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 0.32
Tu. 4.	29.80	WSW 3. W 2. W 1. 80.	40 47 56	Fog early AM. Clearer after 9, mild morning and a warm day, with clouds and sun. Hazy and close evening, and also calm. Fine night.	(very mild)	
W. 5.	29.91	W 0. W 1. NW 1. NE 2.	37 41 50	Clear & dewy morning, bright till 9 am, then cloudy and little fog, with gleams of sun. Cloudy & colder in the evening, from the wind veering.		
Th. 6.	30.04	NW 1. SW 2. SW 2.	39 41 45	Cloudy more or less, but Moon 1 <sup>st</sup> clear after 2 pm, and a little sun gleaming 1.25 am. Even cloudy and thick. Rain after midnight.		
F. 7.	29.62	SE 4. S 5. SSW 3. SW 5.	38 42 49	Overcast & rain at times till near 12, and very galy. Finer & clearer PM, but very blustering. Fine night & clearer.		.20
S. 8.	29.70	SW 2. WSW 3. SW 2.	34 38 50	Clear morning and very bright all the forenoon. Some light clouds PM, but chiefly sun, & a drying breeze. Fine night.		
Su. 9.	29.80	S 2. SSW 3. SW 2. 4.5.	37 44 52	Clouds & sun, mild, and pleasant day, and very drying breeze. Windy evening and night, but fine.		
M. 10.	29.56	SW 3. WSW 2. SW 2.	36 39 45	Bright and breezy morning. Great darkness at noon, distant thunder, & a heavy storm, sleet & snow till near 1 pm: then fine & at times bright.	Thunder & storm of snow at noon.	.77
	416.80		261   347	Mean Temp 43°.42 - Rain 0.69		
			608	1½° above Average.		



# March 1873.

March.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.69
Tu. 11.	29.38	SW <sub>2</sub> . SW <sub>2</sub> . Var <sub>2</sub> .	32 36 43	Some rain early AM. bright from 7 till after 10, after wards showery with thunder PM, & hail from clouds in various flocks. Finer night.	Thunder	06 08
W. 12.	-40 -51	NW <sub>2</sub> . NW <sub>2</sub> . NW <sub>2</sub> .	34 38 45	Clouds and sun, cold breeze, and trifling rain at times. Finer, evening but partially cloudy. & but little wind.		02
Th. 13.	-60 -67	NE <sub>1</sub> . N <sub>1</sub> . N <sub>1</sub> .	33 36 37	Snow early AM, and at times all day cold, and overcast. The evening finer, and rather clearer. - Frosty night.		
F. 14.	-82 -93	NW <sub>1</sub> . NW <sub>1</sub> . NW <sub>0</sub> .	29 31 44	Frost, and fog, very foggy till 11 am: then most- ly bright. Calm evening, and in part clear. - Fine night.	Full moon 5.44 a.m.	
S. 15.	30.03 -03	E <sub>5</sub> . E <sub>5</sub> . E <sub>4</sub> .	31 38 44	Blowing hard at E, fine with clouds & sun. More cloudy from 2 pm and in the evening. - Fine, cloudy & windy night.		
Su. 16.	29.94 -90	E <sub>4</sub> . E <sub>4</sub> . E <sub>2</sub> .	34 37 42	Cloudy, keen drying wind as before, but fine. Continued more or less cloudy but rather clear PM. Wind much less in the evening: milder & little rain.		03
M. 17.	-88 30.02	SW <sub>1</sub> . SW <sub>1</sub> . W <sub>0</sub> .	39 41 48	Cloudy and milder, and but little wind. Became bright at noon, and the PM bright and pleasant, and clear sun-set.		
416.41		232.3033		Mean Temp 38° 25. Rain — 0.88		
		535.5		3 3/4° below Average. can't up.		

# March 1873.

March.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.88
Tu. 18.	30.03 29.98	NE <sub>3</sub> . NE <sub>2</sub> . NE <sub>3</sub> .	37 40 43	Very foggy with breeze from NE since 3 a.m. - Fog till noon, cloudy pm, and a cold wind as before the evening the same as the day.		
W. 19.	-98 -95	N <sub>4</sub> . NNE <sub>4</sub> . N <sub>4</sub> . 3. 2.	36 38 41	Cloudy, and blustering morning, continued cloudy more or less, and very cold. Finer night and cloudy as before.		
Th. 20.	30.02 -02	N <sub>3</sub> . N <sub>3</sub> . N <sub>2</sub> .	37 42 45	Clouds and sun, with a drying wind, but chiefly cloudy, yet more cheering than previous days. - Cloudy night.		
F. 21.	-01 29.95	NE <sub>2</sub> . NE <sub>2</sub> . ESE <sub>3</sub> . E <sub>2</sub> .	33 35 40 1/2	Snow all the morning from moon last- before dawn, & frequent sleet till 2 pm, then a gust from ESE, and thick fall of sleet afterwards finer & some sun.	moon last- 10.19 pm. 12	
S. 22.	30.04 -09	NE <sub>2</sub> . E <sub>2</sub> . E <sub>1</sub> .	30 38 47	Clear, & little frost. early, bright and drying day with a few light clouds. Clear golden sunset, and a frosty air; but a cloudy night.		
Su. 23.	-09 -11	E <sub>2</sub> . E <sub>2</sub> . ESE <sub>1</sub> .	35 42 53	Cloudy morning, but clear from about noon, and the afternoon bright and pleasant. Grey mottled clouds in the evening, & very fine.	♀ 88 Peacock butterfly seen.	
M. 24.	-13 -14	NE <sub>0</sub> . ENE <sub>1</sub> . E <sub>1</sub> .	34 40 60	Fog early, bright morning and very bright and warm day, no cloud, & nearly calm. Hazy evening, but very fine.		
420.54		242.3295		Mean Temp 40° 82. Rain E-over 1.00		
		571.5		1 1/4 below Average.		



# March 1873.

March	Baro- meter	Wind.	Thermom. Min. & Max.	Weather, &c.	Notes.	Rain. 1.00
Tu. 25.	30.24 -25	E 1. E 2. E 1.	36 42 55	Fog till after 8 am, afterwards bright, with a few light clouds, and the evening chiefly clear. - Night foggy.		
W. 26.	-27 -24	NE 1. NE 2. ESE 2. & 1.	32½ 37 58	Great fog till about 10 am, then clearer with sun, & light clouds. Very bright & warm after 12, and a bright evening. -		
Th. 27.	-15 -12	Var. 0. E 2. E 2. & 1.	35 43 60	Clear dewy morning, very bright and warm sun all day, with a parching breeze. - Clear evening. & sun set in full lustre.		
F. 28.	-02 -01	NW ½. Var. 0. E ½. SE 1.	34 44 62	Clear, heavy dew, and new moon very bright, continu- 0.54 pm. ed bright all day, and hot in the sun. Some electric clouds at 3 set.		
S. 29.	-08 -11	W 1. NE 1. E 0.	33 41 62	Fog early AM. Cleared after 8, bright and warm day; some electric cu- muli after 2 pm, from SW. Evening bright. -		
Su. 30.	-¼ -02	Var. 0. SE 2. SE 1.	33½ 45 62	Clear dewy morning, very bright, and warm day, but some light cirri clouds, and more in the evening. Close night.		
M. 31.	29.92 -83	S 1. S 2. S 1.	47 51 58½	Gently raining early AM, and a warm morning. rain from 9 to 10½ am. Close evening, rain at times. Fine night. -		.88 .10
421.40			257 41 75	Mean Temp 47° 75. Rain 1.18		
			668.5	= 5¼ above Average.		

## Results for March 1873. -

### Barometer.

Highest on 26<sup>th</sup> - 30.27.

Lowest on 11<sup>th</sup> - 29.30

Range = 0.97

Mean of Month 29.89

Gales on 5 days.

### Thermometer.

Highest on the 28<sup>th</sup> 29<sup>th</sup> 30<sup>th</sup> 62° -

Lowest on 1<sup>st</sup> - 26° -

Range = 36°

Mean daily range 14° 79.

Mean of Month 42° 02

Just the Average. -

Prevailing winds E, SW, and NE. -

Fine days 21. Rainfall 1.18 Inch.

This was a variable month, but neither much rain, nor any considerable frost or snow. The first and last week were mild, and above the Average, so as to bring the month's mean exactly to the Average, and the drying Easterly winds came on very timely for preparing the land for spring-corn, and much was in consequence deposited during the latter half of the month. - Considerable sickness prevailed, with many deaths of old persons. Catarrhs, Bronchial affections, and rheumatism were very prevalent also. - Vegetation in a fair state of forwardness, and on the whole it was a very seasonable month. -



# APRIL \* 1873.

April.	Baro- meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Tu. 1.	29.99 30.14	Var. 0. SW 1. SW 1.	41 51 59	Clouds, and sun, mild and growing morning. Close day, much cloud, & little sun at times. Chiefly bright after 3pm.		
W. 2.	-25 -29	W 1. SW 1. SW 1.	36 53 61	Very foggy till 8 am, afterwards bright and warm, with a few small light cumuli clouds. Fine night.		
Th. 3.	-27 -23	SW 2. SW 4. W 3.	36 49 5 1/2	Hazy & cloudy, with little sun, wind rather brisk and cooler, but chiefly fine, and the night clearer.		
F. 4.	-23 -05	SW 1. SW 2. SE 1.	37 52 5 1/2	Bright with light moon 1 <sup>st</sup> 2 <sup>nd</sup> clouds till after 12. 6. 36 pm. cloudy PM, and rain after 2. Close and drizzling evening.	□ 4 ♀	11
S. 5.	29.88 -79	NW 4. W 5.6 W 2.	43 1/2 50 53	Cloudy & wind gusty from NW, little sun, hasty shower at 1 pm then brighter but very windy till 5 pm, then more calm.		03
Su. 6.	-70 -65	NW 3. NW 2. NW 2.	38 47 52	Clouds & sun, flying showers at times with hail and distant thunder. Gales with the storm. Thunder eveng & night. Finer. - hail & sleet.		05
M. 7.	-76 -94	N 4. N 4. N 3.	34 45 49	Cloudy, cold & blustering with flying showers of hail & rain, and sun at times. Fine and clearer eveng.		03
420.17		265.5 389		Mean Temp 46.75 Rain Exp. 2.2		
		654.5		About the Average.		

# APRIL \* 1873.

April.	Baro- meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th. 8.	30.06 -17	NW 3. N 3. N 2.	34 46 48 1/2	Clouds, & sun, with flying showers of hail & little rain. Bright intervals. Eveng & night fine but cloudy.		0.22
W. 9.	-31 -38	NE 2. NE 2. ENE 1.	38 46 52	Cloudy, with sun, and a cool drying breeze, but very fine. Eveng chiefly bright, and less wind. Fine night.		
Th. 10.	-38 -34	ENE 2. ENE 2. NE 2.	34 47 54	Clouds and sun, with cold wind, but mostly bright from 11 am, very fine and drying day, and cloudy night.		
F. 11.	-19 -10	NE 2. N 3. N 2.	38 47 47 1/2	Cloudy, more or less very little sun for a short time only, after 9 am; and very cold wind and cloudy day.	○ Δ 4	
S. 12.	-11 -12	N 2. NE 1. NE 1/2. ESE 1.	38 1/2 45 48	Cloudy more or less and very little wind but cold. Wind veered to ESE at 6 pm. Cloudy eveng, & night.	Full moon 9. 51 pm.	
Su. 13.	-10 -07	SE 2. S 2. S 2.	41 46 56	Cloudy till 1 pm, then bright, and pleasant, with light clouds. Eveng partially cloudy. Night clearer.		
M. 14.	-04 -01	SE 1. ESE 2. SE 2. & 1.	33 52 64	Grey curdled sky till after 8 am, then bright, with light electric clouds, warm and pleasant. The eveng the same.		
422.38		258.5 370		Mean Temp 44.89 Rain 0.24		
		628.5		1 1/2 below Average.		



# APRIL \* 1873.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 0.24
Tu. 15.	29.88 -84	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	44 60 70	Beautiful cloudless sky all the morning, bright and hot day. Evening more electric, and rather hazy. Very close night.		
W. 16.	-75 -74	SE <sub>2</sub> SE <sub>1</sub> E <sub>1</sub>	51 64 72	Electric clouds & little rain. 3 am. Bright & hot day. Thunder clouds in NW, PM. Fine & serene night.		02
Th. 17.	-68 -72	NE <sub>1</sub> NE <sub>2</sub> E <sub>1</sub>	44 60 66	Hazy, but bright at times, with electric clouds. Warm and pleasant day. Fine and hazy night.		
F. 18.	-78 -92	NE <sub>1</sub> NE <sub>3</sub> NE <sub>2</sub>	46 56 62	Hazy & electric, with sun at times, and brisk wind. Evening partially cloudy and cool.		
S. 19.	30.07 -15	NE <sub>2</sub> NE <sub>3</sub> NE <sub>1</sub>	38 54 59	Clear, very bright, with a brisk and parching breeze; and the evening clear, but less wind. Night the same.		
Su. 20.	-22 -34	N <sub>2</sub> NE <sub>5</sub> NE <sub>2</sub>	37½ 57 61½	Very bright all day, moon last P. but a boisterous wind 5.47 am. subdued the warmth of the sun. Even bright, but much less wind.		
M. 21.	-31 -24	NE <sub>2</sub> NE <sub>3</sub> NE <sub>2</sub>	42 55 61	Clouds and sun, but from 9 am, very bright all day, and parching breeze, but less than yesterday. Clear evening.		
41964				30234515	Mean Temp 53.85. Rain & up 0.26	
				754-	7° Above Average.	

# APRIL 1873.

April.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather &c.	Notes.	Rain. 0.26
Tu. 22.	30.15 -04	N <sub>2</sub> NE <sub>2</sub> NE <sub>2</sub>	39 49 55	Clouds & sun, slight rain early, chiefly cloudy, and cool breeze, with sprinkles of rain at times, but the night fine.	☉ ☐ ☐	
W. 23.	29.98 30.01	NNW <sub>3</sub> NNW <sub>3</sub> N <sub>2</sub>	33 47½ 49	Cold squalls, with hail & little rain, & sun at intervals. A coarse day and a storm of snow at 8 pm.	(Hail and sleet.)	01
Th. 24.	-02 -06	N <sub>2</sub> E <sub>1</sub> E <sub>2</sub>	32 42 50½	Freezing early AM. Shower of hail & sleet 10 am and till 11. Fine PM, and at times bright. Fine and frosty night.	☉ ☐ ☐	03
F. 25.	-17 -27	NW <sub>1</sub> N <sub>2</sub> NE <sub>2</sub> NE <sub>1</sub>	29 40 47½	Frost early, fine till 10 am, then storms of hail, and sun at times, but very cold, and ungenial. Hazy night, but cold.	(Hail)	01
S. 26.	-28 -23	NW <sub>2</sub> NW <sub>3</sub> NW <sub>1</sub>	28½ 43 49½	Frost early, cloudy with sun till noon, 10.42 pm. cloudy with some rain after 1 pm, few drops only. Fine evening.		
Su. 27.	29.98 30.06	NW <sub>4</sub> N <sub>6.3</sub> N <sub>5</sub>	39 44 48	Blistering and rainy from 3 to 7 am, and after 9, some heavy gusts at times, with hail and sleet throughout the day, with bright intervals.	☉ ☉ ☉	17 02
M. 28.	-77 -10	NW <sub>2</sub> NW <sub>2</sub> WSW <sub>2</sub>	36 43 55	Cloudy, and little rain in the morning, finer after 9 am, but cloudy, and little gleams of sun. Cloudy evening & night.		
42152				23653545	Mean Temp 42.25. Rain & over 50	
				591	4° Below Average.	



# APRIL 1873.

April	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Tu. 29.	30.05	NW <sub>3</sub> 43 NW <sub>4</sub> N <sub>2</sub>	51 52	Showers early A.M., rather blustering most of the day, with clouds & sun, but fine. Even' clearer, and less wind. Fine night.		0.50
W. 30.	-17 -15	W <sub>3</sub> 39 W <sub>3</sub> W <sub>4</sub>	50 57	Cloudy, and thick with slight wetting at times closer air after 3 pm, & gentle rain, with gusty wind in the even'g.		02
	120.59		82 109	Mean Temp 2 days 47° 75°)	Rain 0.59	

Barometer.  
Highest on 9<sup>th</sup> & 10<sup>th</sup> = 30.38.  
Lowest on 6<sup>th</sup> = 29.65.  
Range = 0.73  
Mean of Month 30.07  
Gales on 3 Days.

Thermometer.  
Highest on 16<sup>th</sup> = 72°  
Lowest on 26<sup>th</sup> = 28° 5'.  
Range = 43.5  
Mean daily range 17° 66.  
Mean of month 46° 98.  
Very slightly above Average.

Prevailing winds, the North-East; and North.  
Fine days 19. - Rainfall 0.59 - only.

This was a very dry month, and the third week was warm and growing weather; but the rest of the month was often cold and ungenial. The mean Temperature of the whole was about the Average, or but slightly above it.

# MAY 1873.

May	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain.
Th. 1.	30.14 -15	W <sub>3</sub> 50 W <sub>3-4</sub> W <sub>2</sub>	55 64	Cloudy morn'g, fine and drying day, bright after-noon, and brisk wind. Light haze & less wind in the evening.		
F. 2.	-12 29.96	W <sub>2</sub> 43 W <sub>3</sub> W <sub>1</sub>	58 64	Bright and warm, with light clouds, and brisk wind. Electric clouds in the even'g, & less wind. but more in the night.		
S. 3.	-77 -72	W <sub>3</sub> 43 W <sub>2.4</sub> 52 W <sub>2</sub>	52 57 1/2	Cloudy and sun, wind squally, with hasty showers, large hail, and thunder at noon, and after. - (Thunder. - Finer even'g & night. -		15
Su. 4.	-81 -85	NW <sub>2</sub> 42 NW <sub>1</sub> NW <sub>1</sub> E SE <sub>2</sub>	51 56	Clouds and sun, but chiefly fine, and par- tially bright, with dis- tant showers. Fine eve- ning. wind to E & E. -	moon 1 <sup>st</sup> Dr 0.33 pm.	
M. 5.	-74 -60	SE <sub>3</sub> 38 SE <sub>3</sub> SSE <sub>3</sub>	48 53	Gentle rain from 5 am, & lowering morn'g, squally wind & rain at times. Even'g and night less windy, and finer. -	60 9	12
Tu. 6.	-55 -70	W <sub>3</sub> 42 WSW <sub>2</sub> WSW <sub>2</sub> SW <sub>2</sub>	52 60	Showers at 5 am; then fine with cumuli clouds, and sun, most of the day; and the evening chiefly bright till 7.	Heavy show- er 8 pm	08 10
W. 7.	-72 -62	S <sub>2</sub> 37 SSE <sub>1</sub> S <sub>3</sub> S <sub>1</sub>	51 57 1/2	Unsettled and hasty show- ers, with sun between. More clouded all the P.M., & a little wet at times. - Very dripping night.		08 12
	417.45		29 54 12	Mean Temp 50° 5	Rain cad over	6.5
			707	3° below Average		



# MAY 1873.

May.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th. 8.	29.62	W <sub>2</sub> . W <sub>2</sub> . Var. 1.	44 56 58½	Gentle rain early AM. fine after 6 am, bright and cloudy by turns, but again showery after 3 pm. Thunder and distant thunder. Fog in the night.		0.65 -70 07
F. 9.	30.01	SW <sub>2</sub> . SW <sub>2</sub> . W <sub>2</sub> .	40 54 65½	Fog early, bright from 7 am, with some clouds at in- tervals, and showers at a distance, but some heavy here with lightning and thunder after 3 pm.	(Thunder & lightning)	27 20
S. 10.	-17	W <sub>1</sub> . W <sub>1</sub> . W <sub>½</sub> .	41 58 64	Bright morn'g, and a warm day, with sun and cumuli clouds, lovely even'g, calm, bright and warm. Hazy night.	□ 8 η	
Su. 11.	-20	SW <sub>2</sub> . WSW <sub>3</sub> . W <sub>4</sub> . 2. 1.	49 58 69	Cloudy morn'g, and warm breeze. Clouds & sun in the day, & very brisk wind but warm & pleasant. Fine even'g, and night.		
M. 12.	-24	W <sub>3</sub> . W <sub>3</sub> . WNW <sub>1</sub> . NE <sub>1</sub> .	47 61 67	Bright, with light cu- muli, and brisk wind, warm, growing day. Much less wind in the even'g, & continued bright.	Full moon, 11. 18 am. (clear sunset)	
Tu. 13.	-25	NE <sub>1</sub> . NNE <sub>2</sub> . N <sub>3</sub> . N <sub>2</sub> .	42 53 58	Clouds and sun, with a cooler breeze, but a very fine drying day. Evening & night fine & in part cloudy.	□ 0 4	
W. 14.	-26	NW <sub>2</sub> . NW <sub>1</sub> . NW <sub>1</sub> .	40 51 53	Clouds and sun, with a cool wind, but chief- ly clouded over, and the even'g the same.		
421.74			30 3 43 5	Mean Temp 52° 71. Rain ev'g up 1.29 738 ——— Rather below Average.		

# MAY 1873.

May.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th 15.	30.18	NW <sub>1</sub> . NW <sub>1</sub> . NE <sub>2</sub> .	42 53 59	Cloudy, with sun, and very gentle wind, but a cool air. Black wind from NE, after 2 pm, and a cold evening.		1.29
F. 16.	-13	E <sub>2</sub> . E <sub>2</sub> . E <sub>2</sub> .	37 52 58	Cloudy with sun, and black wind. The after- noon bright, but colder wind. Even'g & night breezy and clear.	8 □ H	
S. 17.	29.88	E <sub>3</sub> . E <sub>3</sub> . E <sub>2</sub> .	40½ 53 57	Clear, and parching wind, all the morn'g, more hazy from about noon. Clouds from South in upper current. Little rain during night.		
Su. 18.	-73	E <sub>2</sub> . NE <sub>2</sub> . NE <sub>2</sub> .	44½ 48 49	Cloudy & slight rain early AM. Fine in the day, but cloudy and cold. Little drizzling in the even'g. — Cloudy night.		07
M. 19.	-91	NW <sub>3</sub> . N <sub>2</sub> . N <sub>2</sub> .	42½ 52 53	Clouds & sun, with a ve- ry cool breeze. More sun in the afternoon, but cold as before, — and a clear and cold night.	moon last Dr. 11 am. as before, — and a clear and cold night.	
Tu. 20.	-36	NW <sub>1</sub> . NW <sub>1</sub> . SE <sub>2</sub> . SE <sub>1</sub> .	35 53 63	Bright, but cold, morn'g, continued very fine, and bright, but warmer, and the wind changed to SE at 2 pm. — Even'g bright.		
W. 21.	-20	SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>1</sub> .	45 51 52	Hazy morn'g, followed by gentle rain from 8 am, and at times all day. Close & foggy night.		20
420.82			28 65 39 1	Mean Temp 48° 39. Rain ev'g over 1.36 677.5 ——— 4¼ below Average.		



# MAY 1873.

May.	Baro- meter	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	Notes	Rain, 1.56
Th. 22.	30.05 -02	W <sub>1</sub> SW <sub>1</sub> SW <sub>2</sub> & 1. -	49 57 65	Close & foggy morn'g, clearer & warm after 9 am, sun at times, and dark electric clouds. Hazy in the night.	H 8 H	
F. 23.	29.90 -77	SW <sub>2</sub> SW <sub>3</sub> 4. 5. W <sub>4</sub>	47 56 68	Squall and showers at 9 am, clearer & fine from 10, till noon, and very warm, but very showery P.M. Finer even'g and night.	⊙ * H ⊙ Δ H (Thunder- P.M.)	.09 .23
S. 24.	30.11 -22	W <sub>3</sub> W <sub>3</sub> W <sub>2</sub>	42 57 62	Bright at times, with many clouds, and a brisk wind. Fine and clear evening and night.		
Su. 25.	-32 -27	W <sub>1</sub> W <sub>1</sub> SW <sub>1</sub> SE <sub>2</sub>	42 60 68	Bright all day, with light clouds, warm & pleasant. Evening hazy, & wind to SE, at 4 pm. Hazy night.	Hawthorn in bloom, 6 days past.	
M. 26.	-17 29.97	SE <sub>2</sub> SE <sub>2</sub> S <sub>1</sub>	49 57 66	Close & hazy, but the new moon eclipse seen well at 8.30 am. Fine and warm day till 5 pm. Little rain at even'g.	new moon 9.20 am. Sun eclipsed.	.08
Tu. 27.	-90 -97	W <sub>2</sub> W <sub>2</sub> NW <sub>2</sub>	47 60 65	Clouds & sun, warm, and chiefly bright till 2 pm. Then cloudy little rain, distant thunder. & cloudy evening.	Thunder	.02
W. 28.	30.21 -38	NW <sub>3</sub> NW <sub>2</sub> NW <sub>1</sub>	46 55 62	Cloudy, cool breeze, but sun at times, & brighter afternoon. Fine & clear night.	□ 8 4	
421.26 32.2 45.6 5 Mean Temp 55.6. Rain 1.98 778.5 = 2° above Average. } cond up						

# MAY 1873.

May.	Baro- meter	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	Notes	Rain 1.98
Th. 29.	30.47 -46	NW <sub>2</sub> N <sub>2</sub> N <sub>1</sub>	40 58 63	Bright with clouds at times, and a cool wind, but gentle. Fine evening and night, and very cool.		
F. 30.	-36 -31	NE <sub>2</sub> N <sub>2</sub> 3. 4. N <sub>2</sub>	38 57 61	Cool morn'g, with sun at times. Fine sunny day, but very cool wind at times blustering. Less wind at evening.		
S. 31.	-23 -14	NW <sub>3</sub> NW <sub>2</sub> NW <sub>2</sub>	45 56 60	Clouds and sun, with a very brisk and cool wind. Brighter evening, and lines of mottled clouds across the west.		
181.97 123 184 Mean Temp 3 days 51.16. Rain - 1.98						

## Barometer.

Highest on the 29<sup>th</sup> - 30.47

Lowest on the 6<sup>th</sup> - 29.55

Range = 0.92

Mean of month = 30.05

No gales this month.

## Thermometer.

Highest on the 11<sup>th</sup> - 69°

Lowest on 20<sup>th</sup> am - 35°

Range = 34°

Mean daily range - 17.70

Mean of Month - 51.58

About 2 1/4° below Average.

Prevailing winds W, - SW, - and NW.  
Fine days 21. Rain-fall 1.98 Inch.

This was on the whole a cold and rather backward month, more so than usual, and excepting in 1866, and 1869, we have not had so ungenial a May for many years. But the young wheat, barley, and beans looked well to the end.



# JUNE 1873.

June.	Baro. meters	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain.
Su. 1. 29.94 Whit Sunday.	30.13	NE 3. NE 2. NE 2.	47 53 57½	Squally showers from midnight till sun-rise and unsettled all day much cloud & little sun. Clearer evening, & less wind. Fine & clear night.		23
M. 2. -20	-18	ENE 2. ENE 2. NE 2.	46 62 67	Bright, with light clouds, very fine, warm, and pleasant day, and the evening brilliant also. Night cloudy.		
Tu. 3. -02	-02	SE 1. ESE 2. SE 1.	49 63 67½	Close morn'g, little rain at 8. Then fine & warm, with electric clouds till 5 - when a hasty shower fell. Fine night, & close air.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 6.19 a.m. (Distant Thunder 4 p.m.)	03 04
W. 4. -01	-01	SE 1. SSE 1. SE 1.	54 68 77	Pleasant, balmy morn'g. bright and hot, with cumuli clouds, a real summer day. Sultry evening. Thunder & rain night.	Lightning & thunder SE-evening	
Th. 5. 29.96	30.02	E 1. E 2. E 2.	57 67 73	Sultry morn'g, clouds & sun, mostly bright in the day, and hot, with fresh breeze. Electric clouds in the evening.	rain till 4 a.m.	30
F. 6. -08	-21	NW 2. NW 3. N 4. S 2.	51 54 55	Cloudy & blue haze all the morn'g; more wind & colder all day, and very cloudy. Evening clearer.		
S. 7. -27	-33	NNW 3. N 3. N 2.	43 56 59	Clouds & sun, with a cool wind. Chiefly bright in the latter part of the day, but still cool.		
42138			347 456	Mean Temp 57°35	Rain Emp 0.60	
803				Rather under Average.		

# JUNE 1873.

June.	Baro. meters	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 0.60
Su. 8. 30.30	-23	W ½. W ½. W 1.	47 60 70	Hazy and calm morn'g. clearer after 9, bright, & warm day, & nearly calm. some clouds at times. Close evening, but more wind after 9 p.m.		
M. 9. -16	-03	W 2. W 2. W 1.	50 62 70	Hazy morn'g, fine and warm day, many clouds, but mostly sunny, - and a bright evening. Night close & fine.		
Tu. 10. 29.93	-84	SW 2. SW 3. SSW 2.	51 59 65	Close, and cloudy, clearer after 10, & breezy. blue haze all p.m., & sun shining through it. Cloudy evening, rain at 10 p.m.	Full moon 10.1 p.m. Rain in the night.	14
W. 11. -82	-80	SW 1. SW ½. SW 1.	55 59 69	Cloudy till 9 a.m., then at times bright till 12, afternoon cloudy & close. Distant thunder in d. Clear in night.	(Thunder.)	
Th. 12. -77	-71	SSE 1. SE 1. SE 0	49 66 72	Bright and hot morn'g and a hot sunny day. with some electric clouds, & more on S horizon. Calm & clear night.	* h, 4	
F. 13. -72	-83	SE 0. S 1. SW 1.	47 66 73	Bright and hot till after 12, then more clouded. Distant shower S.W. at 4 p.m. Hazy evening. Fine night.		
S. 14. -87	-91	SW 1. SW ½. SE 2.	50½ 67 71½	Bright and hot, with cumuli clouds. Very fine and parching. Cloudy evening, rain in night.		
41892			34954905	Mean Temp 60°0	Rain. Ga. over 0.74	
840				2° above Average.		



# JUNE \* 1873.

June	Baro. meter	Wind.	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain 0.74
Su. 15.	29.91 -98	W <sub>2</sub> . SW <sub>2</sub> . W <sub>1</sub> . & 0.	54 62 67	Rain early AM; warm with clouds & sun, and a blue electric haze in the afternoon, but very pleasant. Fine & calm evening. Thunder in at 10 pm.		.16
M. 16.	30.03 -07	Var. 0. W <sub>1/2</sub> . SW <sub>2</sub> . SE <sub>1</sub> .	53 68 73	Bright and hot, with some electric cumuli clouds. Very bright and pleasant evening, and clear night.		
Tu. 17.	-13 -14	SE <sub>1</sub> . SE <sub>2</sub> . SE <sub>1</sub> .	47 69 75 1/2	Bright, and very hot, moon, last Per with some small cumuli clouds. The evening, and sunset very brilliant: then hazy.	3.31 pm.	
W. 18.	-12 -20	SE <sub>0</sub> . SE <sub>0</sub> . S <sub>0</sub> .	48 60 66	Hazy morn'g, rain from 7 till near noon, then fine with little sun, but again showery at 4 pm. Fine evening with sun.		.22 .05
Th. 19.	-21 -22	SW <sub>1</sub> . SW <sub>2</sub> . S <sub>3</sub> . & 1.	52 66 73	Bright and hot, with some light clouds. More hazy & breezy after 1 pm. Little rain 5 1/2 pm. Fine and close night.		
F. 20.	-27 -31	SW <sub>1</sub> . WSW <sub>2</sub> . WSW <sub>2</sub> . 1. & 0.	57 1/2 63 70	Very close and cloudy morn'g, and nearly the same all day, with little sun; but very bright evening from 4 pm.	0 Δ 8	
S. 21.	-33 -35	SW <sub>1</sub> . SW <sub>2</sub> . SW <sub>0</sub> .	54 71 76	Very close morn'g, grey clouds, & sun, hot and sultry day, with clouds at times. Hot evening, calm, and brilliant.	Sultry heat.	
422.27		36.55 50.05		Mean Temp 61.86. ) Rain 2.17		
		866		= 3° above Average.		

# JUNE \* 1873.

June	Baro. meter	Wind.	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain. 1.17
Su. 22.	30.25 -13	SW <sub>1</sub> . SW <sub>1</sub> . SW <sub>2</sub> .	57 72 78	Splendid morn'g, calm, & bright till 8, then sultry with electric clouds. Very hot and bright from 2 pm. Electric sky all evening. Wind to W-9 pm & clearer.	(very sultry)	
M. 23.	-16 -19	W <sub>1</sub> . W <sub>2</sub> . WSW <sub>0</sub> .	56 71 74	Very bright and hot, with cumuli clouds, and a little breeze. More electric, calm, and close after 3 pm. Hazy & red sky in the evening.		
Tu. 24.	-22 29.98	SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>3</sub> .	49 68 69	Bright morn'g, with light & heavy moon mixed clouds. more hazy 9.12 pm. & cloudy P.M. brisk wind, and few drops of rain at times. Warm & breezy night.	* & ♀	
W. 25.	-95 30.15	SW <sub>3</sub> . W <sub>5</sub> . W <sub>4</sub> . 2. 0.	57 62 66	Close morn'g, & warm breeze. Blustering wind all day, much cloud, and sun at times. Flying shower 5 pm then a calm evening.		.02
Th. 26.	-25 -23	W <sub>2</sub> . W <sub>2</sub> . W <sub>1</sub> .	48 62 66	Bright morn'g, chiefly fine in the day, but many clouds, and the evening hazy, and thick. Fine night, and very close.		
F. 27.	-18 -19	SW <sub>2</sub> . W <sub>2</sub> . W <sub>2</sub> .	58 73 78	Bright and very hot, some light clouds, and a breeze at times. Evening close & cloudy. Fine night.	Hot & sultry.	
S. 28.	-12 -14	W <sub>3</sub> . W <sub>2</sub> . W <sub>2</sub> . 1 & 0.	59 64 74	Sultry & close morning, cloudy till after 9 am, then bright and hot, with clouds at times. Evening calm and lovely.	♂ □ h	
422.14		38.4 50.5		Mean Temp 63.5. ) Rain 2.19		
		889		= 5° above Average.		



# JUNE \* 1873.

June	Baro. meter	Wind	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain. 1.19
Su. 29	30.14	SE <sub>0</sub> SE <sub>2</sub> S <sub>1</sub>	53 73 79	Very brilliant & splendid morn'g, continued bright and very hot, few light clouds. After 4 pm. hazy & thick, heavy rain from 9 till 12 pm. Distant thunder. (excessive rain - night)	10 am 76° 12 noon 78½ 2 pm 79	1.35
M. 30.	-87 -87	SW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	59 62 63	Close and cloudy with a slight wetting at times, cloudy all day, & much cooler. Fine & cloudy night, wind NW for a while.		
	119.82		112 142	Mean Temp 2 days 63° 5.	Rain = 2.54	

Barometer.  
Highest on 21<sup>st</sup> - 30.35  
Lowest on 12<sup>th</sup> 29.71  
Range 0.64  
Mean of month 30.07  
No gales during the month.

Thermometer.  
Highest on 29<sup>th</sup> - 79°  
Lowest on 7<sup>th</sup> AM - 43° -  
range = 36°  
Mean daily range 17° 86.  
Mean of month 60° 86  
2° deg above the Average.

Prevailing winds the SW, W, and SE.  
Fine days 23. Rain-fall 2.54 Inches.

This was a fine and genial month, and with but little rain till the night of the 29<sup>th</sup> when 1.35 Inch fell in three hours, which gave a fresh impetus to all vegetation. Much good Clover and grass hay was secured during the month, and the field-crops looked well in most cases to the end of the month. The rain on 29<sup>th</sup> night was more than all that which had fallen previously in the month!

# JULY \* 1873.

July	Baro. meter	Wind	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain.
Tu. 1.	30.00 -12	NW <sub>2</sub> NW <sub>2</sub> NW <sub>1</sub>	54 65 70	Clouds and sun, fine, and pleasant. Brighter in the afternoon and very warm, and a fine and pleasant evening.	8 ♀ h h □ ♂	
W. 2.	-14 -14	SE <sub>½</sub> SE <sub>1</sub> S <sub>1</sub> & O.	51 62 73	Hazy and cloudy morn'g, clearer after 9 am: some clouds, and sun at times. hot and close afternoon. Bright and lovely evening.	moon 1 <sup>st</sup> Dr 11.10 pm.	
Th. 3.	-12 -02	S <sub>1</sub> S <sub>2.3</sub> S <sub>2</sub>	56 68 73	Close morn'g, clouds & sun. fine and hot day, bright at times, & brisker wind. Close and hazy after 4 pm. Dark clouds and thunder at a distance at night. (Thunder.)		
F. 4.	29.81 -92	SE <sub>1</sub> SW <sub>2</sub> W <sub>2.3</sub> SW <sub>3</sub> & 1	63 66 71	Dark electric clouds and thunder till 5 am. - Became bright after 10 am. Breeze and breezy day. Squally showers at 3 pm & at 5, with thunder. Evening bright and calm.		15
S. 5.	30.00 29.93	S <sub>1</sub> S <sub>2.3</sub> S <sub>2</sub>	48 66 68	Bright morn'g, warm and pleasant till 10, afterwards hazy, cloudy, & close, with little sun. Evening brighter. Night hazy but fine.		
Su. 6.	-95 30.11	W <sub>1</sub> W <sub>2</sub> W <sub>0</sub>	58 61 71	Rain at times hard from 6 to 8 am, & again before 10. afterwards fine hot, and mostly bright: and a calm, bright, and pleasant evening.		62
M. 7.	-20 -23	SSW <sub>0</sub> SSW <sub>1</sub> S <sub>2</sub> SE <sub>1</sub>	50 71 77	Bright & dewy morn'g, continued bright & very hot, with few clouds. - very clear from 4 pm and brilliant even 3.	□ ♀ 4	
	420.69		380 503	Mean Temp 63° 07	Rain cal over 77	
			883	Slightly under Average.		



# JULY 1873.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 0.77
Tu. 8.	30.23 -17	SSW <sub>1</sub> . SSE <sub>1</sub> . S <sub>1</sub> .	52 72 80	Hog early. Very bright & lovely from 6 am, very hot & clear day. Dark electric clouds all evening and sultry air. — (8 pm 70°)		
W. 9.	-22 -22	W <sub>3</sub> . WNW <sub>2</sub> . W <sub>2</sub> . WSW <sub>0</sub> .	58 70 76	Bright, and warm breeze. continued bright & very hot till noon, afterwards more cloudy. The evening calm and close.		
Th. 10.	-08 -02	SW <sub>2</sub> . SW <sub>2</sub> . WSW <sub>1</sub> .	56 63 74	Cloudy, little rain at 1 am, afterwards fine and hot, with clouds, and sun. Evening chiefly bright, less wind, & very warm, the night the same.	Full moon 01 6.33 a.m.	
F. 11.	-01 29.94	SW <sub>1</sub> . SW <sub>1</sub> . SW <sub>0</sub> .	56 65 71	Close & hazy morn'g, fine and hot day, with clouds and sun. Sultry evening, and some clouds, but a very fine night.		
S. 12.	-91 -87	SW <sub>1</sub> . SW <sub>2.3</sub> . S <sub>1</sub> . 2. 3.	55 67 72	Warm morn'g, clouds, & sun, continued chiefly bright and hot, some clouds and pleasant breeze till 4 pm. a flying shower. fine evening & night. —	☞ ☐ ☐ 01	
Su. 13.	-87 -60	S <sub>2</sub> . S <sub>2-4</sub> . SE <sub>5</sub> . 4. 3.	53 69 70	Bright & hot morn'g, with rocky cumuli, more cloudy at noon, and much rain all afternoon and part of evening, but fine night.	first rain & wind p.m. 1.00	
M. 14.	-78 -85	SW <sub>2</sub> . SW <sub>3</sub> . W <sub>1</sub> .	52 64 69	Bright morn'g, with cumuli clouds. Thunder storm at 11.30, and in N. & N. in the afternoon. Fine evening, & night. —	(Thunder storm) 71	
419.77		38.3 51.23		Mean Temp 63° 96. Rain cal' up 1.90		
		895.5		Slightly above Average.		

# JULY 1873.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.90
Tu. 15.	29.85 -90	WSW <sub>2</sub> . WSW <sub>3</sub> . 4. 5. W <sub>2</sub>	51 63 69	Fine, bright, and pleasant morn'g, with light clouds. From 11 am, flying showers and thunder all the p.m. more at a distance, and in south at 9 pm, and much lightning.	Thunder all p.m. 72	
W. 16.	30.05 -21	SW <sub>3</sub> . W <sub>2</sub> . W <sub>2</sub> . 1. 0.	52 64 71	Bright morn'g, and continued bright, warm, and pleasant all the day, with some clouds. Fine evening & clear sky.	noon last dr 8.58 pm.	
Th. 17.	-23 -13	SSW <sub>2</sub> . SW <sub>2</sub> . SSW <sub>1</sub> . 2. 3.	52 63 73	Bright till 6 am, then haze & cloudy till near 10 am, afterwards bright & hot, with clouds at times. Dark electric ones at night.		
F. 18.	-05 -00	SW <sub>2</sub> . WSW <sub>4</sub> . W <sub>3</sub> . 2. 1.	60 63 73	Sultry & little rain 5 am. chiefly cloudy & showery till near 11; then bright and hot, with clouds, & gusty wind. Heavy thunder storm 7 pm.	Hail and sharper thunder storm 7 pm. 10 07 25	
S. 19.	-22 -27	W <sub>2</sub> . W <sub>3</sub> . WSW <sub>1</sub> . 8. 0.	48 64 68	Bright, with cumuli clouds and a fresh breeze, fine and pleasant day. Calm & bright evening, with light bands of cirrostratus.		
Su. 20.	-23 -33	SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>1</sub> .	54 69 81	Bright and very hot, with a gentle wind at times. — splendid evening calm & hot. Some rosy cirri after sun set. —	10 am 74° max 81° 7 pm 76° 8 pm 73°	
M. 21.	-32 -32	SE <sub>0</sub> . SE <sub>1</sub> . SE <sub>0</sub> .	59 79 86	Splendid morning, bright & serene, continued so, and excessive heat without a cloud, and brilliant evening also. — 8 pm 73°	10 am 81° 11 am 83° noon 85° max 86° 7 pm 77°	
423.11		37.6 52.25		Mean Temp 64° 17. Rain cal' over 2.44		
		898.5		3/4° above Average nearly.		



# JULY 1873.

July.	Baro. inches	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 2.44
Tu. 22.	30.24 -15	SE 2. SE 2. SE 1.	65 81 87	Very bright, with a hot breeze, excessive heat & unclouded sun all day. Some cirri from W. at 6 P.M. 8 P.M. Therm 75°.	80h 11 am 84° Max 87° 8 in sun on the ground 140°	
W. 23.	-06 -03	SE 1/2 SW 1. W 2. W 3.	62 1/2 82 91	Bright with a few electric clouds, and excessive heat. Wind to W. & brisker after 2 P.M. Much thunder 4 P.M. in the E. Breeze all night, & clouds gone.	10 am 85° 12 noon 89° Max 97°! Thunder 8 & 5 P.M. Therm in sun 142°	
Th. 24.	-15 -16	W 2. W 2. WSW 0.	58 72 76 1/2	Bright and breezy morning, fine and pleasant day, light clouds & sun. Calm evening, and dappled sky. Fine & close night.	new moon 10.34 am.	
F. 25.	-19 -14	WSW 0. SW 1. SSE 3. & 2.	60 73 80	S lovely, calm, and bright morning. Continued bright, and very hot, but more wind, and curdled sky P.M. Very fine and close night.		
S. 26.	-07 -10	S 0. S 1/2. SW 1/2.	62 66 68	Dark electric clouds all the morning, and gentle rain at times in the forenoon, and gleams of sun. The afternoon nearly the same, but a very bright evening.	73	
Su. 27.	-10 -11	W 1. SW 2. SW 1. & 0.	53 69 73	Fog early, bright after 5 am, and continued hot, and bright, with electric clouds, and some heavier in the evening, but a fine night & mostly clear.		
M. 28.	-13 -12	SW 2. SW 2. SW 0.	54 68 75	Bright with a breeze, and light clouds, and very hot. Calm close evening. Fine night and mostly clear.		
421.75		41455505		Mean Temp 68.92! Rain cal up 2.57		
		965		nearly 5 1/2° above Average!		

# JULY 1873.

July.	Baro. inches	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 2.57
Tu. 29.	30.13 -10	SE 0. SE 1. SE 1.	51 72 80	Fog early, but from 6 am, very bright, and very hot. Dark clouds rose in the south at 4 P.M. but bright in the evening, and a very fine night.	8 H°	
W. 30.	-03 -18	SE 2. WSW 2. SW 2.	60 74 1/2 82	Bright, and very hot, with some cumuli clouds, and a breeze at times. Closer evening, and a sultry breeze, the same all night.	11 am 78° noon 80° 2 P.M. 82° 8 P.M. 72°	
Th. 31.	-14 -14	SW 2. SW 4. W 2.	61 72 78	Light grey clouds, and a sultry breeze but bright at times. Very hot, and the evening bright with less wind. Fine and clear night.		
180.72		172 240		Mean 3 days 68.66! Rain 2.57		

Barometers.  
Highest on the 20<sup>th</sup>—30.33  
Lowest on the 13<sup>th</sup>—29.60  
Range = 0.73  
Mean of month 30.08  
Gale on the 13<sup>th</sup>.

Prevailing winds the  
SW, S, and W.

Thermometer.  
Highest on the 23<sup>rd</sup>—91°!  
Lowest on 5<sup>th</sup> & 19<sup>th</sup> am—48°.  
Range = 43°  
Mean daily range = 19.45  
Mean of Month = 63.38!  
Nearly 2° above Average!

Fine days 24 in number.  
Rainfall 2.57 Inches.

This was a very fine and very hot July, and in the last 103 years, only 12 years yielded so hot a July! It was a most seasonable and lovely month and hastened all the field produce towards maturity, so that the corn showed its yellow hue at the end of the month, although it had been backward before, and now became fit for cutting in the first week of the next month! Many persons died under the heat on 21<sup>st</sup>, 22<sup>nd</sup>, and 23<sup>rd</sup> of this July!



August 1873.

Baro.		Thermometer		Wind.	9 am	Ther.	Weather, &c.	Notes.	Rain.
Aug.	meter	min.	max.						
F. 1.	30.19	SW <sub>1</sub> .	55				Bright morn'g, and fine moon 1 <sup>st</sup> 2 <sup>nd</sup> and hot till noon, with electric clouds, heavy shower at 1 pm, then cooler, but a fine and bright evening.		18
	-22	W <sub>2</sub> .		67		73			
		W <sub>3</sub> .							
		2. & 1.							
S. 2.	-23	W <sub>2</sub> .	52½				Bright morn'g, and a fine and hot day, with some clouds, & pleasant breezes. Calm & closer even'g, clouds and sun. Fine & close night.		
	-27	W <sub>2</sub> .		70		74			
		W <sub>0</sub> .							
Su. 3.	-25	SW <sub>1</sub> .	56				Bright and hot, with some grey clouds, and a fresh breeze at times. Close even'g with electric clouds. but very pleasant. Fine night.		
	-22	W <sub>2</sub> .		72		74			
		W <sub>2</sub> .							
		8. 1.							
M. 4.	-20	W <sub>1</sub> .	53				Bright till after 7, then cloudy at times, fine, warm, and pleasant day, with bright intervals. Even'g cloudy, and some drops of rain.		
	-10	SW <sub>2</sub> .		65		72			
		SW <sub>2</sub> .							
		8. 1.							
Tu. 5.	-04	W <sub>2</sub> .	62				Close with clouds and sun, nearly alike all the day, sultry, but very fine, and pleasant. Bright & calm even'g. Very fine night.		
	-07	W <sub>1</sub> .		68		75			
		SW <sub>0</sub> .							
W. 6.	-02	SW <sub>3</sub> .	61½				Fine morn'g, warm breeze, & became bright and very hot, although a gusty wind at times. Even'g more clouded, but less wind.	11 am 78° noon 80°	
	-10	SW <sub>2</sub> .		73		80			
		WSW <sub>4</sub> .							
		3. 2.							
Th. 7.	-17	SW <sub>1</sub> .	61				Bright with light clouds at times, and very hot; very brilliant & calm evening, and oppressively hot.	11½ am 80° 2 pm 82½° 8 pm 75°	
	-25	WSW <sub>1</sub> .		74		82½			
		WSW <sub>0</sub> .							
422.33		401.5305		Mean Temp 66.53!		Rain can. up		0.18	
		931.5		4¼ above Average.					

August 1873.

Augt.	Baro. meter	Thermom. Wind	9 <sup>h</sup> a.m.	Weather, &c.	Notes.	Rain. 0.18
F. 8.	30.20 -01	WSW <sub>1</sub> WSW <sub>1</sub> W <sub>1</sub>	60 76 85	Very bright, and excessive full moon by hot, gentle wind, electric 1.52 pm. dappled sky 1 pm, and thunder during afternoon in NW, & some near us. — Fine evening & night. —	Harvest moon 11 am. Th. 81° 1 pm — 85°	Thunder all pm.
S. 9.	29.97 30.06	W <sub>2</sub> NW <sub>2</sub> 3. 4 WNW <sub>2</sub>	57 65 71	Heavy clouds early, and rain before 6 am, a short shower, then mostly bright, and a cooling breeze. Squally showers PM. Bright evening, but much cooler and fine night.		.14 .02
Su. 10.	-13 -13	W <sub>3-4</sub> W <sub>3</sub> W <sub>2</sub> 8 o.	52 63 69	Very breezy morning, clouds and sun; brisk wind most of the day, many clouds, & sun at times. Less wind in the evening.		
M. 11.	-08 -11	S E <sub>2</sub> E <sub>0</sub> S E <sub>1</sub> 8 o.	55 66 68	Calm & pleasant morning, light clouds, & sun. Much cloud most of the day, & little sun. A little rain at 6 1/2 pm. Then a fine night. —		.01
Tu. 12.	-14 -17	WSW <sub>1</sub> WSW <sub>2</sub> SW <sub>2</sub> 8 3.	53 67 77	Fine morn'g, with clouds, and sun; became hot & chiefly bright after 10 am. with some rocky clouds. — Even'g hazy & much warm cloud. Sultry night. —	☐ ♂ ☉ ♀ * 24	
W. 13.	29.99 30.17	SW <sub>4</sub> W <sub>3</sub> W <sub>2</sub>	62 1/2 70 74	Windy with rain from 3 am, and sultry morn'g. After 8, bright and hot; with flying clouds. The evening rather cloudy. —	♂ ♀ ☉ ☐ ♀ ♂	.41
Th. 14.	-14 -23	W <sub>2</sub> W <sub>3-2</sub> W <sub>0</sub>	59 69 74	Bright with some clouds, and brisk wind, very fine & hot, and less wind PM. Calm, bright, and lovely evening. —		
42153		3985 518		Mean Temp 65.46 Rain cal over — 0.76		
		916.5		= 3° above Average.		



# August 1873.

August	Baro. meter	Wind.	Thermom. Min. 9 Max.	Weather, &c.	Notes.	Rain. 0.76
F. 15.	30.23 -22	SSE <sub>0</sub> S <sub>1</sub> SSW <sub>2</sub> SW <sub>0</sub>	56 64 71	Grey fog early AM, that soon last light rain at times, and 4.41 am. low clouds. Bright after 4pm, and all the evening calm & sultry.		.02
S. 16.	-17 29.98	S <sub>2</sub> S <sub>4</sub> SW <sub>3</sub> WSW <sub>5</sub>	60 66 83	Fog early, cleared at 9 am, very bright day, and extremely hot, yet very windy. A change at night of wind & temperature.	(Distant thunder in AM. afternoon.)	
Su. 17.	30.26 -24	W <sub>2</sub> W <sub>2.1</sub> SW <sub>1</sub>	52½ 65 73	Bright, with light clouds, and hot, with fresh breezes at times. Fine evening, less wind, & chiefly clear, but a hazy night.		
M. 18.	-07 29.83	SE <sub>2</sub> SE <sub>2</sub> SSE <sub>2</sub> SW <sub>2</sub>	55 63 71	Hazy and cloudy more or less, and but little sun. Great show for rain, and a cloudy evening with a scattering of rain.		.01
Tu. 19.	-72 -84	SW <sub>2</sub> SW <sub>2.3</sub> WSW <sub>2</sub> S <sub>1</sub>	54½ 62 69	Clouds & sun, followed by more cloudiness, and rain after 9, a short time, then fine with bright intervals. After 3 - again showering. & thunder storm at 5 pm.	(Thunder- storm out 5 pm from NW.)	.03 .15
W. 20.	-91 -89	SW <sub>1</sub> SW <sub>2</sub> SSW <sub>3</sub> S <sub>3</sub>	50 63 68	Fine and pleasant morning clouds & sun. Many clouds in the day, and some sun. More clouded from 3 pm, and all evening, and a few rain drops. Fine night.		
Th. 21.	-91 -99	S <sub>2</sub> SW <sub>2</sub> WSW <sub>1</sub> S <sub>0</sub>	56 65 69	Clouds and sun with a fresh breeze. Very fine pleasant day, brighter after 3 pm, & less wind. Very fine night.		
420.26		384.504		Mean Temp 63.42. Rain over 0.97		
		888		About the Average.		

# August 1873.

August	Baro. meter	Wind.	Thermometer Min. 9 Max.	Weather, &c.	Notes.	Rain. 0.97
F. 22.	30.01 -03	SW <sub>0</sub> SW <sub>2</sub> SW <sub>0</sub>	54 68 70	Bright & calm morning, un- settled day, light rain at a distance, and bright sun at times. - Evening chiefly bright. Fog in the night.		
S. 23.	-03 -05	SSE <sub>0</sub> SSE <sub>2</sub> SSE <sub>0</sub>	50 67 77½	Fog early, then very bright, new moon and hot all day, and very 1.30 am. few clouds. The evening calm, bright, and pleasant. - Very fine & close night.		
Su. 24.	-04 -06	SE <sub>2</sub> ESE <sub>3</sub> E <sub>2</sub> E <sub>2</sub>	59 69 76	Sultry morning, grey clouds & sun, bright after 9, and a very hot day, with a parch- ing breeze. Much vivid light- ning from 7 pm, all night in SE, and W.	(Severe light- ning all the night.)	
M. 25.	-02 -06	E <sub>1</sub> E <sub>2</sub> SE <sub>1</sub> S <sub>2</sub>	63 73 79½	Very hot and sultry, with curled sky, & blue haze, mostly bright, but many elec- tric clouds, and much light- ning in SE, E, & W, from 8 to 12 night. Sultry night.	* S H. (vivid light- ning S, E, & E - night.)	
Tu. 26.	-04 -02	SSE <sub>1</sub> SSW <sub>2</sub> SSE <sub>5</sub> S <sub>3</sub>	62½ 72 77	Hazy and sultry morning, became bright after 8, and very hot, so continued till 3 pm, then a blustering wind at times, and a thunder shower in West at 6 pm. Then a fine night.	(Thunder in the W, at 6 pm.)	
W. 27.	-05 -00	SSW <sub>2</sub> SSW <sub>3</sub> SSW <sub>2</sub>	57 68 74	Bright and hot, with fresh breeze, and cumuli clouds. Hazy and cloudy evening, great appearance of rain approaching.		
Th. 28.	29.80 -65	SSW <sub>2</sub> SSW <sub>3</sub> SW <sub>4</sub>	61½ 63 70	Sultry with low clouds, and light sprinklings of rain. Fine & warm from 10 to 12 noon - Galy PM, & showers. Thunder NW. 4 pm. Stormy night.	Thunder 4 pm.	.05
419.86		407.524		Mean Temp 66.5! Rain over 1.02		
		931		4¼° - above Average.		



# August 1873.

August	Baro. meter	Wind	Thermometer Min. 9 am Max.	Weather, &c.	Notes.	Rain. 1.02
F. 29.	29.82 -83	SW <sub>3</sub> . SW <sub>2</sub> . W <sub>2</sub> .	51 61 62	gusty wind very early AM, and flying showers before 12 last night. So day bright morn'g, & flying clouds. more cloudy after 10 am, and little sun afterwards. — Unsettled night. —		
S. 30.	-86 -91	W <sub>2</sub> . WSW <sub>2</sub> . W <sub>1</sub> . S. 0.	55 64 70	Breezy & showery at 1 am. Fine morn'g with sun & light clouds, and a warm & plea- sant day, chiefly bright, with electric cumuli; calm eve- ning & light clouds. —	8. 9. 10	.04
Su. 31.	-97 30.00	Var. 0. S <sub>1</sub> . SSW <sub>1</sub> . S <sub>2</sub> .	52 63 71	Calm and lightly cloudy morn'g moon 1 <sup>st</sup> 2 <sup>nd</sup> hazy and close with sun 3.48 am and clouds most of the day. very sultry all night, and mostly grey clouds and a breeze. —		
179.39			158 203	Mean last 3 days 60.16.		Rain 1.06

Barometer.  
Highest on the 2<sup>nd</sup> = 30.27.  
Lowest on the 28<sup>th</sup> = 29.65.  
Range = 0.62  
Mean of Month = 30.05.

Thermometer.  
Highest on the 8<sup>th</sup> = 85°  
Lowest on 20<sup>th</sup> am = 50°  
Range = 35°  
Mean daily range = 17° 12.  
Mean of Month = 64° 96!

Gales on 2 days. —

Nearly 3° above Average!

Prevailing winds the S W, and W; Fine days 24!  
Rain-fall 1.06 Inch only! —

This was a very fine, hot, and beautiful month for the harvest,  
which was well got in, and with great dispatch. Thus we  
have in 1873, one of the finest summers on record, and the  
hottest for many years, excepting 1868. — But in many  
parts of England it was not so fine as with us, in 1873.  
Hence we were especially favoured. —

# September 1873.

Sept.	Baro. meter	Wind	Thermometer Min. 9 am Max.	Weather, &c.	Notes.	Rain.
M. 1.	29.94 -83	SSW <sub>3</sub> . SW <sub>3</sub> . SW <sub>2</sub> .	62 1/2 67 68	Brisk wind but very sultry morn'g, and grey clouds. Little rain P.M., in gentle showers at 2 & 4 o'clock, and heavier at 7.30 pm, then cleared up. and a fine night. —	Thunder NW, 6 1/2 pm.	.12 .21
Tu. 2.	-86 -92	SW <sub>1</sub> . SW <sub>2</sub> . SW <sub>2</sub> .	52 1/2 60 66	Fine and pleasant morn'g, with sun at times, more cloudy P.M., and little rain at times; and showery in the evening, but fine night.		.04
W. 3.	30.04 -12	W <sub>1</sub> . W <sub>2</sub> . W <sub>1</sub> .	50 61 64	Bright morn'g; many rocky clouds during the day. Thun- der in S. 2 pm. Clearer after 3 pm, and fine evening, and night. Chiefly clear. —	Thunder 2 pm in S.	
Th. 4.	-12 -16	W <sub>1</sub> . W <sub>2</sub> . NW <sub>1</sub> .	47 55 66	Blue haze very thick till af- ter 9 am; then clearer, and at times bright till 1 pm. short flying showers after- wards. Fine evening & night.	8 40	.03
F. 5.	-14 -12	NW <sub>2</sub> . NW <sub>3</sub> . NW <sub>2</sub> .	46 55 62	Clouds & sun, with trifling rain at times, in flying showers. More gloomy in the afternoon, and evening. Fine night.		.06
S. 6.	-06 -03	W <sub>1</sub> . W <sub>2</sub> . W <sub>1</sub> .	45 54 60	Cloudy with sun, and cool air, but fine. Hazy and calm evening, very fine night, and somewhat foggy after 10 pm.	Full moon 9.9. pm.	
Su. 7.	29.94 -89	WSW <sub>2</sub> . SW <sub>2</sub> . SW <sub>1</sub> .	48 54 59	Blue fog till after 9 am, then hazy & cloudy with little sun, and from 1 1/2 pm little rain at times, and a very wet night from 8 pm.		.43
420.17			351 445	Mean Temp 56° 85.		Rain cal. over 0.89
			796	1° below Average. —		



# September 1873.

Sept. meter	Baro	Wind	Thermometer	Weather, &c.	Notes	Rain.
			Min. 9 am. Max.			
M. 8.	29.83	W <sub>2</sub> . W <sub>3</sub> . W <sub>2</sub> .	49 55 62	Rain continued till 5 am, cloudy till 10, then clear and mostly bright, with some light clouds, and the evening nearly calm. —		0.89
Tu. 9.	-96	SSW <sub>1</sub> . SW <sub>3</sub> . S <sub>4</sub> .	45 57 65	Fine morn'g, clouds & sun, rather electric. Warm and more sun near noon. Windy & cloudy P.M. From 4 pm very rainy & wind squally. Much rain till 9 pm. —		50
W. 10.	-72	SW <sub>2</sub> . W <sub>4</sub> . W <sub>3</sub> .	52 58 63	Squally morn'g with flying showers, and bright intervals, till 10 am, then bright and windy, with flying clouds. Fine & breezy evening. $\delta \odot H$		03
Th. 11.	-73	W <sub>1</sub> . WSW <sub>3</sub> . WSW <sub>2</sub> . S <sub>1</sub> .	54 60 64	Much rain from 1 to 5 A.M. Fine sunny morn'g, from 7 am, and the mostly bright, with light clouds, & brisk wind. Less wind in the evening, and in part clear. —		48
F. 12.	-97	SW <sub>1</sub> . SW <sub>2</sub> . WSW <sub>0</sub> .	49 60 64	Bright morn'g, and chiefly so all day, some clouds and fresh breeze, rather more electric after 3 pm. Even'g calm & pleasant. Fine & clear night. —	$\square \delta \delta$	
S. 13.	-04	SE <sub>1</sub> . SE <sub>2</sub> . ESE <sub>2</sub> .	42 60 63	Clear dewy morn'g, bright till 11 am, afterwards hazy and cloudy, and showing for rain, and some fell during the night. —	moon last 2 <sup>hr</sup> 3.40 pm. $\Delta \delta H$	
Su. 14.	-80	S <sub>2</sub> . SW <sub>2</sub> . SSW <sub>2</sub> .	53 61 64	Rain about 2 am, bright and warm morn'g; after 11 flying showers, distant thunder and bright intervals. —	Thunder from 10 <sup>am</sup> nearly all the day.	77 11
	41874		34.4 44.55	Mean Temp 56°.39. Rain con. up 2.38		
			789.5	1 1/2 below Average. —		

# September 1873.

Sept. meter	Baro	Wind	Thermom	Weather, &c.	Notes	Rain
			Min. 9 am. Max.			
M. 15.	29.42	SE <sub>3</sub> . SW <sub>2</sub> . S <sub>1</sub> . W <sub>3.4</sub> .	49 55 59	Very rainy & heavy at 7 am; finer & clear after 9, bright at times, with stormy clouds, and the evening again rainy and blustering till 10 pm. —	$\delta \delta 4$	49 39
Tu. 16.	-70	W <sub>4</sub> . W <sub>5-6</sub> . W <sub>2</sub> .	46 56 58	Clear & windy morn'g, and very cool and blustering day, with clouds and sun. —		
W. 17.	-88	SW <sub>1</sub> . SW <sub>3</sub> . SW <sub>2</sub> .	46 55 65	Clear at first, then some clouds, close and damp till 2 pm, afterwards warm, and sunny. The evening and night fine, and chiefly clear. —		
Th. 18.	-93	WSW <sub>2</sub> . WSW <sub>4</sub> . W <sub>2</sub> . S <sub>3</sub> .	50 58 62	Bright morn'g, and the day mostly bright, with flying clouds, and very brisk wind. Fine evening and night, but windy throughout. —		
F. 19.	30.12	W <sub>3</sub> . W <sub>2</sub> . W <sub>0</sub> .	48 57 62	Bright with light clouds and cool breeze. Less wind after 1 pm, but more clouds. Calm evening, and rather cloudy. Close night. —	$\Delta \odot H$	
S. 20.	-14	SW <sub>2</sub> . SW <sub>3</sub> . SW <sub>4</sub> . SW <sub>1</sub> .	54 64 70	Very warm & close morn'g. quite a return of summer air. warm sun all day, light clouds, and blustering wind at times. The afternoon hot in spite of the wind. Clear and warm evening. —		
Su. 21.	-29	SW <sub>2</sub> . W <sub>3</sub> . NW <sub>2</sub> . NE <sub>1</sub> .	56 60 63	Sultry morn'g, but cooler after 8 am, clouds & sun all day, & very fine, but cooler again. Even'g cloudy. —	new moon 5.51 pm.	
	41951		34.95 43.9	Mean Temp 56°.32. —	Rain con. over 3.26	
			788.5	1 1/2 below Average. —		



# September 1873.

Sept.	Baro. meter	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 3.26
M. 22.	30.57 -61	NE <sub>1</sub> NE <sub>1</sub> NE <sub>0</sub>	39 54 60	Clear & heavy dew - inclined to be frosty early AM. Continued bright & warmer, but rather hazy PM. & a pale halo round the sun. Splendid sky at sunset, purple red, & yellow.		
Tu. 23.	30.50 -48	W <sub>1</sub> NW <sub>1</sub> Var. 0.	44 55 62½	Cloudy till 8, then bright all the day & no cloud, hot in the sun, but a cool air in the shade. - Calm evening, and very fine night.		
W. 24.	30.47 -44	N <sub>0</sub> NE <sub>2</sub> NE <sub>1</sub> E <sub>0</sub>	41 57 60	Fog early, but after 7, became bright, with some clouds, and a breeze after 9, from N.E. - Cloudy & calm evening and night.	□ 84	
Th. 25.	30.40 -34	SE <sub>0</sub> SE <sub>2</sub> SE <sub>1</sub>	54 60 67	Close & calm, bright after 9, very fine, warm, and pleasant day, and no clouds after 11 am, but a light breeze. Clear night till midnight.	60 8	
F. 26.	30.29 -26	SE <sub>0</sub> SE <sub>1</sub> SE <sub>0</sub>	41 57 68	Fog early, became bright after 8 am, and so continued all day, & no clouds. The sun beams powerful. - Fine and clear evening.		
S. 27.	30.18 -06	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	43½ 60 70	Fog till 7, then very bright, and hot, no clouds, but a little breeze at times. Clear evening, but fog in the night.		
Su. 28.	30.02 -20	SW <sub>1</sub> W <sub>2</sub> NW <sub>2</sub> N <sub>0</sub>	47 61 68½	Fog early, but after 6, bright, and warm, more wind and some clouds after 11 am. Cloudy & calm evening, but the night cleared.	Blue violets in bloom!	
42.482		309.5456		Mean Temp 54.67 Rain and up 3.26		
		76.55		3¼ below Average.		

# September 1873.

Sept.	Baro. meter	Wind.	Thermom. Min. 9 am. Max.	Weather, &c.	Notes.	Rain. 3.26
M. 29.	30.29 -32	NE <sub>1</sub> NE <sub>1</sub> E <sub>1</sub>	39 54 60	Clear & dewy morn'g, and very bright, so continued all day. The evening clear, and a fine clear & dewy night.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 2.56 pm.	
Tu. 30.	30.22 -19	SE <sub>1</sub> SE <sub>2</sub> SE <sub>0</sub>	40 58 63½	Light clouds and sun, warm and pleasant, more hazy after 4 pm, and some clouds. Fine evening & night, but rather hazy.		
12/02		79/1235		Mean Temp last 2 days 57.62 Rain 3.26		

## Barometer

Highest on the 22<sup>nd</sup> - 30.61.  
Lowest on the 15<sup>th</sup> - 29.42

Range = 1.19

Mean of month 30.06

Gale on one day - 16<sup>th</sup>.

## Thermometer

Highest on the 20<sup>th</sup> & 27<sup>th</sup> 70° -  
Lowest on the 22<sup>nd</sup> & 29<sup>th</sup> 39° -

Range = 31° -

Mean daily range 15.86.

Mean of month 55.7.

2¼° below Average.

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

Fine days 19. Rain-fall 3.26 - Inches, and all before 16<sup>th</sup>!

This was a singular month, very wet up to the 15<sup>th</sup>, and then very fine and dry to the end, so that one half was one extreme, and the other the opposite; and the coolest September for the last 10 years. - But very pleasant sunshine during the last 11 days. It is worth noting that the Sweet-scented blue March violet re-bloomed on the 27<sup>th</sup> to the month's end!



# October 1873.

October	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
W. 1.	30.07 -03	SE 1. SE 1. S 0	48 1/2 58 67	Calm, close & blue fog till 10 am, then clear, bright, and very warm, but hazy with light cloudiness. Very close evening, night clear, but fog below & very mild.		
Th. 2.	-12 -10	S 0. SSW 1/2 SW 1. S 0.	53 62 71	Sultry morning, fog below, and clear above; from 8 am, bright and hot even like summer. Evening & night sultry with dark & dappled sky, & calm.	very hot for the season.	
F. 3.	-08 -00	S 0. S 1/2. S 1.	57 1/2 61 68	Very close, and little rain at 4 & 8 am. Hot sultry day, chiefly cloudy, & very little sun. Fine clear evening, lightning NW.	very hot and sultry. - lightning evening.	05
Sat. 4.	-00 -14	SW 1/2 W 1. NW 2. NW 1.	55 59 60	Warm & fine morning cloudy & little wet at 9, then clear but chiefly cloudy more or less the rest of the day. Fine evening & night.		01
Su. 5.	-17 -15	W 1. W 1. WSW 2. SW 1.	51 54 57	Cloudy more or less, a little sun gleaming in the afternoon. Evening hazy, but clear and a very fine moon light night.		
M. 6.	-19 29.98	SE 1. S 2. SSW 3.	43 54 62	Fog early but from 7 am, bright and warm, but some electric clouds. The evening & night warm, and breezy, and in part clear.	Full moon 5.31 AM.	
Tu. 7.	-84 -70	S 1. S 2. W 2. S 1	54 59 62	Warm and dry morning, and chiefly bright from 7 am, till near noon. Then a wet afternoon, and evening. Fine night after 9.		35
420.57		362.447		Mean Temp 57.78. Rain 2.41		
		809		5 3/4° above Average!		

# October 1873.

October	Baro meter	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
						0.41
W. 8.	29.83 -92	W <sub>1</sub> W <sub>1</sub> WSW <sub>1</sub> Var. 0	38½ 46 51	Foggy and cloudy morning and cloudy till noon, little sun P.M., but cold and many clouds, with distant thunder. Clear & calm night.	(Thunder)	
Th. 9.	30.00 29.90	Var 0. SSW <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	34½ 45 52½	Fog early, & hear frost, calm and bright as day opened. Continued bright, with a few small clouds, and blue haze in the afternoon. Cloudy evening and stormy looking.		
F. 10.	-78 -90	SW <sub>2</sub> SW <sub>5</sub> SW <sub>2</sub>	49 59 66½	Very mild & cloudy morning, clearer from 11 am, bright, and very warm, with wind and light clouds. Very fine evening & night, sultry air.		
S. 11.	-90 -92	SW <sub>4</sub> SW <sub>3</sub> SW <sub>3</sub>	59 61 63½	Very sultry morning, cloudy with a little sun. Mostly cloudy and windy all day, but very warm. Sleet & rain in the night, little wet.		
Su. 12.	-92 -80	SE 0. SE 0. W <sub>1</sub> W <sub>2</sub>	50 53 55	Close and cloudy, little wet early, and again after 10 am, and all the afternoon and increased after 8 pm. very heavy rain till 10 pm.	Thunder	05 62
M. 13.	-72 -78	W <sub>1</sub> NW <sub>1</sub> NW <sub>1</sub> W <sub>1</sub>	47½ 50 54	Rain at times from 4 am, moon last 2. very gloomy & overcast the chief of the day, but finer about 1 and 2 pm, then again raining, but a fine night.	6.25 A.M.	25 07
Tu. 14.	-94 30.03	W <sub>1</sub> W <sub>2</sub> W 0.	39 47 52½	Fine and mostly sunny, but a cool air, and some clouds. Very clear evening and night, no wind.		
419.34		317.5 395		Mean Temp 50.89. Rain cal. over 1.40		
		712.5		more than 1° below Averages.		



# October 1873.

October	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.40
W. 15.	30.06 -08	W. SW. SW.	35 45 55	Clear & calm morning, very bright all day, few clouds, but a little breeze in the afternoon. Overcast evening, but a fine night.		
Th. 16.	-12 -16	SW. SW. SW.	40 48 57	Fog till 7, then bright all day, with a few small clouds. Calm & brilliant sunset. Night in part rather foggy.		
F. 17.	-17 -22	S. S. SSW. SSW.	41 48 58	Fog early, then bright till noon, afterward hazy, and light electric clouds. Day calm & pleasant from 4pm & lofty grey clouds.		
S. 18.	-12 -12	SSW. SW. WSW.	48 53 59	Close and cloudy morning, clearer after 9am, sun at times. More clouded after 1pm, but very fine, mild, & pleasant, and fine night.	☐ ☿ ☿	
Su. 19.	-27 -32	W. Var. W.	42 48 56	Fog till 8, then bright, fog again at 9 and till 11am, but afterwards bright, calm, and pleasant. The evening overcast, and a change in the night.	☐ ☐ ☿ ☐ ☿ ☿ Birds sung much 6pm.	
M. 20.	29.91 -97	SW. W. NW.	48 51 53	Cloudy morning, slight rain & brisk wind, clearer from 9am: continued chiefly bright and windy clear & cold evening, and less wind. Fine night.		
Tu. 21.	-97 -60	W. SW. SW.	37 1/2 44 47	Cloudy & colder, slight wetting at times, and heavy rainy afternoon, finer night, but very windy and again milder.	new moon 10.55 a.m.	25
421.09		2915.385		Mean Temp 48° 39. Rain cal up 1.65 676.5 — 32 degs below Average.		

# October 1873.

October	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.65
W. 22.	29.34 -34	SW. SW. WSW.	44 55 57 1/2	Mild, cloudy, and windy morning, rain in heavy storms from 10am to 11, distant thunder. Bright afternoon, and wind brisk. Night finer.	Stormy, & thunder	37
Th. 23.	-27 -11	S. S. W.	45 50 52	Lowering & mild morning, rain all times, and cloudy till 4pm, then bright till 5. Stormy evening, but a finer night.		16 04
F. 24.	-43 -51	Var. NE. NE.	35 40 44	Fog early, bright at 8, afterwards overcast hazy, and cold, but calm. Night chiefly clear and frosty.		
S. 25.	-53 -76	NW. Var. SE.	32 39 50	Frost, & bright, continued bright, most of the day; more cloudy after 2pm, and some dark and electric clouds from 4pm.		
Su. 26.	-91 -98	NW. NE. NE.	40 44 51	Dark clouds, & little rain at 8am. The day mostly sunny but many clouds, & slight showers. Fine night with some clouds.		01
M. 27.	30.32 -52	N. N. N.	37 43 49	Clear morning, very bright, for some hours, but some cumuli clouds from 11am, and a keen breeze: nearly calm at 8pm, & chiefly clear. Frosty night.	* ☿ 24	
Tu. 28.	-54 -50	NW. NW. NW.	29 34 47	Keen frost & clear morning, very bright all day and scarcely any wind. Clear, calm, and frosty evening, and night.		
417.06		262.3503		Mean Temp 43° 75. Rain cal over 2.23 612.5 — 84° below Average.		



# October 1873.

Oct.	Bar. inches	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain. 2.23
W. 29.	30.34	NW. 0. 30 NW. 0. 37 Var. 0. 48		Fear frost & rather hazy, with rocky cumuli mostly bright through the day, some clouds and calm, but cold in the shade. Moon bright evening.	moon 1 <sup>st</sup> gr 0.10 am.	
Th. 30.	-10	NE. 0. 29 Var. 0. 36 WNW. 1. 42 W. 1.		Keen hoar frost, clear at first, grey clouds from 8 am, all the forenoon, and very cloudy afternoon. Fine evening & night with a curdled grey sky.	* 8 H	
F. 31.	-79	SW. 1. 29 <sup>1</sup> / <sub>2</sub> SSW. 3. 39 S. 2. 49		Fog and hoar frost early, hazy and cloudy all the forenoon. Afternoon bright, with some clouds, & more wind. Clearer evening, but a change in the night.	* 9 H	
18010			885/395	Mean last 3 Days 38° -	Rain 2.23	

Barometer:  
Highest on the 28<sup>th</sup> - 30.54  
Lowest on the 23<sup>rd</sup> - 29.11  
Range = 1.43  
Mean of month 29.97  
Gales on 2 days.

Thermometer:  
Highest on the 2<sup>nd</sup> 71° -  
Lowest on the 28<sup>th</sup> & 30<sup>th</sup> - 29° -  
Range = 42° -  
Mean daily range 12.89.  
Mean of Month - 49° -  
3 degrees below Average.

Prevailing winds SW, S, and W.  
Fine days 24. Rainfall 2.23 Inches.

This was altogether a fine month with hot weather at the beginning, and cold near the end. No considerable rain, except on the 12<sup>th</sup> 13<sup>th</sup> & 22<sup>nd</sup>. Ash leaves fell as usual about 23<sup>rd</sup>. Great prevalence of measles among children, and Rheumatic sufferings in adults. A good time for the wheat seeding.

# November 1873.

Nov.	Bar. inches	Wind.	Thermom. Min. 8. Max.	Weather &c.	Notes.	Rain.
S. 1.	29.27	SW. 4. 43 W. 4. 2. 53 SW. 1. 53 S. 0.		great change, mild, cloudy and a little rain early. Then a heavy storm at 8 <sup>1</sup> / <sub>2</sub> am, afterwards finer, and bright afternoon, and evening clear moonlight.		24
Su. 2.	-49	S. 2. 37 <sup>1</sup> / <sub>2</sub> SSE. 3. 48 SSE. 3. 51 S. 1.		Clear morning, bright all the forenoon, and near the same in the afternoon, but some clouds, & more wind. Close evening, and less wind mild & fine night.		
M. 3.	-61	S. 1. 45 S. 2. 48 S. 1. 54		Very fine, bright, and warm, some light clouds, and gentle wind. Horizontal lines of red cloud at 0 set across the west.		
Tu. 4.	-70	S. 1. 31 S. 2. 33 SSE. 1. 50		Clear, and hoar frost AM. Full moon bright in part till 11 am, afterwards hazy, & some clouds. The Lunar Eclipse well seen at 5 pm.	3. 48 pm. Total Eclipse.	
W. 5.	-63	SE. 2. 40 SE. 2. 48 SE. 2. 51		Close, mild, and cloudy morning, and the same all the day, but rather more wind. Rain after 3 pm, and till 8. Night finer.	□ 9 8	22
Th. 6.	-53	SE. 3. 45 SE. 5. 48 SSE. 5. 53 S. 3.		Cloudy & mild, rain after 8 am in drifts showers, again fine & at times bright till noon: then wet, and squally from 2 pm. - Night finer.		10 10
F. 7.	-68	SSW. 0. 42 S. 1. 45 S. 1. 51		Great fog all the morning clear after 10, and chiefly bright most of the day, but the evening hazy, and cloudy, with some rain.		04
41471			2835 36.3	Mean Temp 46.17.	Rain 2. over	70
			646.5	4° above Average.		



November 1873.

November	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c	Notes.	Rain. 0.70
S. 8.	30.03 -15	NE <sup>0.</sup> NE <sup>0.</sup> NE <sup>1.</sup>	41 45 49	Rocky clouds & sky hazy, frequent light. showers, and sun at times, but mostly cloudy. The evening and night finer, and wind rising.		03
Su. 9.	-20 -17	ENE <sup>4.</sup> E <sup>5.</sup> E <sup>4.</sup>	43 45 47	Blowing morn'g, clouds and sun. Very blustering all day and mostly cloudy. Raining evening and windy as before.		21
M. 10.	-23 -30	E <sup>2.</sup> E <sup>2.</sup> E <sup>1.</sup>	41 45 46	Cloudy little wet at intervals, in the morn'g, finer but cloudy most of the day, wind much less. Very fine night.	Δ 8 H	02
Tu. 11.	-37 -39	E <sup>0.</sup> NE <sup>2.</sup> NE <sup>2.</sup> & 1.	35 37 46	Clear and little frost early afterwards clouds and rain, and fresh breeze. The afternoon very bright. Clear and frosty evening and night.		
W. 12.	-20 -15	NE <sup>1.</sup> E <sup>2.</sup> E <sup>2.</sup> & 0.	35 37 46	Clear & frosty morning, continued bright, with a bleak wind all day, and more wind from 11 a.m. till near sunset, evening calm, clear & frosty.	moon last 2 <sup>o</sup> . 0.48 a.m.	
Th. 13.	29.98 -98	Var. <sup>0.</sup> SW <sup>½</sup> Var. <sup>0.</sup>	28 34 44	Keen hoar frost, cloudy at 7 & 8 a.m., then again clear, and chiefly bright all day. Some clouds about sunset. Very little frost to night.		
F. 14.	30.06 -17	NW <sup>0.</sup> NE <sup>3.</sup> NE <sup>2.</sup>	32 38 46	Hazy & cloudy, the same all day, and more wind from 11 a.m., dark and threatening sky, but fine.	□ 9 H Foliage falls fast.	
422.38		2553245		Mean Temp 41° 39. Rain 2.49		
579.5 = ¾ of Deg below Average.						

November 1873.

November	Barometer	Wind	Thermom.	Weather, &c.	Notes.	Rain.
	inches		Min. 8 am. Max.			
S. 15.	30.42 -46	NE <sup>1</sup> . NE <sup>1</sup> . NE <sup>0</sup> .	38 40 46½	Very fine and chiefly bright with light clouds, and a gentle wind. Clear and calm evening. Very fine night, not frosty.		0.96
Su. 16.	-50 -53	N <sup>0</sup> . N <sup>1</sup> . N <sup>1</sup> .	35½ 43 47½	Cloudy, calm, and not very cold. A little sun at 2 pm, but mostly cloudy, and slight drizzles during night.		
M. 17.	-52 -50	NE <sup>1</sup> . N <sup>1</sup> . N <sup>1</sup> .	40 43 46	Cloudy and little drizzling, but some gleams of sun. Evening chiefly cloudy, and a damp and calm night.	02	
Tu. 18.	-45 -40	NW <sup>1</sup> . N <sup>1</sup> . N <sup>1</sup> .	39 43 47½	Cloudy, & some fog in the morning, fine day, with clouds and sun. The evening and night fine & in part clear.		
W. 19.	-32 -25	NW <sup>0</sup> . NE <sup>1</sup> . E <sup>1</sup> .	37 39 48	Fog early, bright after 8 am. and till after 1 pm, then some clouds, and a stormy looking sky. Close & thick night.	* 0 4 * 4 8 Δ 8 4	
Th. 20.	-25 -23	E <sup>0</sup> . Var. <sup>0</sup> . SW <sup>½</sup> . Var. <sup>0</sup> .	41 43 47	Cloudy, mild, and calm morning, and the same all day, with but a slight difference in the evening also.	new moon 3.37 a.m. * 0 ½ 8 ½ 8	
F. 21.	-42 29.74	SW <sup>0</sup> . SW <sup>3</sup> . SW <sup>4</sup> .	39 41 44½	Calm with grey clouds, bright forenoon. Hazy dark, & more wind P.M. Stormy sky in the evening. Rain from 6 pm, stormy night.		19
42.469		SSE <sup>s</sup> .	26.95 32.7	Mean Temp 42° 60.	Rain & over 1.17	
596.5 = slightly above Average.						



# November 1873.

November	Barom. etc.	Wind.	Thermom. Min. 8. Max.	Weather.	Notes.	Rain. 1.17
Sat. 22.	29.37	SW 6.	41		Strong gale from 6 am, and very warm air, yet very boisterous most of the day, bright but hazy. Clear even & less wind.	
		W 6.	54			
	-71	W 4.	54			
		8 3.				
Su. 23.	-62	WNW 5.	44		Boisterous but warm all the morning: blowing all day, clouds & sun, and very fine. Much less wind after sunset and a fine night.	
		WNW 5.	56			
	-88	W 2.	56			
		W 1.				
Mon. 24.	-98	S 1.	42		Hazy, but chiefly bright with beds of light clouds. More hazy after 2 pm. Even clearer, and still very mild & dry.	
		SW 2.	45			
	30.01	SW 2.	51			
		8 1.				
Tu. 25.	-21	SW 0.	36		Red clouds near the sun at rising, very fine, clear and calm day; and the evening similar, but a change in the night.	
		SW 0.	38			
	-26	SW 0.	48			
W. 26.	-02	SE 3.	39		Overcast, and very mild with brisk wind.	
		S 2.	51		Mild and thick day but fine. Wind squally in the evening, close night.	
	29.70	S 4.	53			
		8 5.				
Th. 27.	-51	SW 2.	45		Bright morning, and most of the forenoon, but at 8.13 am. towards cloudy and showery, with squalls of wind, heavy gusts till midnight.	04
		SW 3.	46			
	-63	SW 4.	48			
F. 28.	30.02	SW 2.	39		Red clouds at sunrise, bright all the forenoon, then cloudy till 2 pm, afterwards again sunny. Fine evening.	
		W 2.	42			
	-00	WSW 1.	48			
	417.95		286 358		Mean Temp 46° - Rain can. up 1.21	
			644		4° above Average.	

# November 1873.

November	Barom. etc.	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 1.21
Sat. 29.	29.90	SW 3.	46 1/2		Close & very warm breeze some sun at times in the PM, and wind very gusty, but fine & mild. Blowing even & rain few drops.	
		SW 5.	53			
	-59	SW 5.	55			
		6.				
Su. 30.	-80	W 7.	42		Shore gales early AM. abated after 3, but windy all day, yet very bright and the evening bleak, & bright moonlight.	0 0 8
		W 5.	42			
	30.33	NW 4.	48			
		NW 2.				
	119.62		88 5 103		Mean last 2 days 47° 87' Rain - 1.21	

Barometer.

Highest on the 16<sup>th</sup> - 30.53

Lowest on the 1<sup>st</sup> - 29.27

Range 1.26

Mean of Month 29.97

Gales on 5 days.

Thermometer.

Highest on the 23<sup>rd</sup> - 56°

Lowest on the 13<sup>th</sup> - 28°

Range 28°

Mean daily range 9° 76.

Mean of month 44° 3.

2° 4 3/10 over Average.

Prevailing winds SW, NE, but much distributed. Fine days 21. - Rain-fall 1.21. Inch only!

This was a remarkably fine and mild month, with much less rain than usual, and the land, as well as the rivers &c, are in the very opposite state to what they were last year at the same period. Measles among children prevailed all this Autumn but abated at the close of this month. Many fatal cases where a complication of disorders met.



# December 1873.

December	Barometer	Wind	Thermom.	Weather, &c.	Notes	Rain
			Min. 8. Max.			
M. 1.	30.52 -50	SW <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub>	30 34 46	Clear, and frosty early AM. chiefly bright till noon. Then a thick blue haze, & grey clouds all pm. Cloudy evening, and a close night.		
Tu. 2.	-56 -61	SW <sub>1</sub> SW <sub>1</sub> SW <sub>0</sub>	43½ 47 53	Close and mild morn. Δ ☉ H clearer after 10, and a very fine, warm, and pleasant day. Calm afternoon, and foggy evening. * ♀ ♂		
W. 3.	-62 -64	SW <sub>0</sub> SW <sub>2</sub> WSW <sub>3</sub>	42 47 50	Fog early, calm and very mild morn. & more after 11, cloudy, fine, and mild. - Very fine night and rather colder.		
Th. 4.	-67 -64	W <sub>1</sub> SW <sub>1</sub> SW <sub>2</sub>	35 42 43	Foggy morn. & nearly calm. gloomy sky, and a cold & colder air all day, and very thick in the evening. & night. Full moon 4.20 a.m.		
F. 5.	-49 -42	SW <sub>2</sub> WSW <sub>2</sub> WSW <sub>2</sub> S 1.	38½ 42 47	Very cloudy, thick, and gloomy morn. clearer after 11, bright afternoon, and a drying air. Evening clear, & soon bright. Fine night & some clouds.		
S. 6.	-42 -59	N <sub>1</sub> N <sub>1</sub> Var. o.	37½ 43 46	Grey clouds and little sun, exceedingly fine and dry, as for some time past. Evening chiefly clear. Very fine night. 8 ♂ H		
Su. 7.	-59 -62	S o. S <sub>2</sub> SW <sub>0</sub>	32 37 44	Very fine & calm, with lofty grey clouds in the morn. dark haze and more wind PM. Even. very cloudy.		
427.89		2585.329		Mean Temp 41° 96 Rain none.		
		587.5		2° above Average.		

# December 1873.

December	Barometer	Wind	Thermom.	Weather, &c.	Notes	Rain
			Min. 8. Max.			none.
M. 8.	30.64 -65	SW <sub>0</sub> SW <sub>1</sub> SE <sub>0</sub>	41 43 45	Calm & cloudy morn. very thick and cloudy all day a little wind at times. but again calm from 2 pm and very cloudy as before.		
Tu. 9.	-65 -61	Var. o. S o. SW <sub>0</sub>	27 27 42½	Clear, & hard frost, very bright day, and calm. And a clear and frosty evening. Sharper during the night. * ♀ h * h 24		
W. 10.	-58 -62	SE <sub>0</sub> W <sub>1</sub> W <sub>0</sub>	23 23 42	Very hard frost, calm & clear. continued very bright, and calm, with a keen air. A slight wind about 2 pm, more clouded from 4 pm. and night overcast.		
Th. 11.	-65 -65	W <sub>0</sub> Var. o. WNW <sub>0</sub>	36 38 42½	Overcast and gloomy, but fine, clouds move from NE. 9.54 pm. clear after 11 am, and all the PM. but fog below, and a foggy evening with frost.	moon last 2 or 3	
F. 12.	-65 -65	W <sub>0</sub> NW <sub>0</sub> NW <sub>0</sub>	22 22½ 36	Very white and sharp frost fog below, but very clear upward and bright day throughout. sharp air & calm, and very severe frost in the evening. and during the night.		
S. 13.	-63 -61	SW <sub>0</sub> SW <sub>1</sub> W <sub>1</sub>	23 28 37	Keen frost, and very fine, chiefly bright, but with a grey haze at times, and a cloudy even. and night, no frost.		
Su. 14.	-51 -45	W <sub>0</sub> W <sub>1</sub> SW <sub>0</sub>	33 34 37	Dark and foggy, no frost. continued very gloomy & foggy all day, evening the same foggy night.		
428.55		205.282		Mean Temp 34° 78 Rain none.		
		487		4 Degrees below Average.		



December 1873.

December	Barometer	Wind.	Thermom. Min. 8 am Max.	Weather &c.	Notes.	Rain. none, yet!
M. 15.	30.30 -15	S <sub>2</sub> . S <sub>2</sub> . SSW <sub>2</sub> . & 3.	32 36 42	Very foggy, gloomy & milder, clearer after 11 am, but again cloudy all the pm, and a little wetting at 4 pm, and during the night.		.05
Tu. 16.	29.84 -99	SW <sub>5</sub> . SW <sub>6</sub> . W <sub>5</sub> . W <sub>3</sub> .	39 54 56	Great change, very mild and blustering, sudden shower at noon, afterwards finer, but very windy, most of the day. Less in the night.		.04
W. 17.	30.19 -22	W <sub>1</sub> . SW <sub>2</sub> . WSW <sub>1</sub> .	41 46 54	Cloudy, little rain after 8 am, a short time, then fine, mild, & pleasant. Close and cloudy evening and night.		.02
Th. 18.	-22 -29	SW <sub>2</sub> . W <sub>3</sub> . W <sub>2</sub> . & 1.	46 47 53	Mild morn'g & red mottled clouds, bright after sun rise: mild & pleasant, with clouds at times. Close & fine night.	♀ Δ III	
F. 19.	-14 -02	S <sub>1</sub> . SW <sub>2</sub> . SW <sub>2</sub> . & 1.	45 47 49	Very close and mild, new moon, thick and gloomy atmosphere. Nearly alike all the day. Rain from 7 pm, part of the night.	6.49 pm.	.20
S. 20.	-00 -03	SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>2</sub> . & 3.	38 40 47	Bright with a brisk wind, and a few light clouds. The evening chiefly clear, & breezy, and the night very fine.		
Su. 21.	-13 -13	WSW <sub>1</sub> . SW <sub>3</sub> . SW <sub>3</sub> .	39 44 49½	Bright with light clouds, and a mild breeze. The evening the same, & fine night.		
42165		2803505		(Mean Temp 45°.03.) Rain cal ap 0.31		
		630.5		6° above Average.		

December 1873.

December	Barometer	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain. 0.31
M. 22.	30.05 -17	SW <sub>4</sub> . W <sub>3</sub> . W <sub>1</sub> .	43 47 48	Bright & windy morning, cloudy & unsettled after 10, but fine, and in the evening less wind and clearer. Fine night.	004	
Tu. 23.	-20 -10	SW <sub>2</sub> . SW <sub>2</sub> . SW <sub>3</sub> . 4.	33 37 51	Red bands of cloud in the East. Fine day with clouds and sun, and a hazy sky. Red scattered clouds at sunset in the West.	warmed, after 9 pm.	
W. 24.	-22 -42	NW <sub>2</sub> . NW <sub>1</sub> . NE <sub>0</sub> .	42 45 46	Fine with clouds & sun, but chiefly bright and pleasant all day, remarkably so for the season. Clear evening, hazy night.		
Th. 25.	-39 -33	SW <sub>1</sub> . SW <sub>2</sub> . SW <sub>1</sub> .	33 37 44	Flare below, clear above, cloudy & at times foggy, but fine, the entire day and evening nearly alike, and the night cloudy and calm.		
F. 26.	-22 -06	SW <sub>1</sub> . SW <sub>1</sub> . S <sub>1</sub> . 2. 3.	41½ 43 44½	Cloudy mild and nearly calm, the whole day. The same. Evening somewhat clearer at times. Wind rose after 8 pm, & more in the night.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 4.5 pm.	
S. 27.	29.85 -96	W <sub>4</sub> . WNW <sub>3</sub> . WNW <sub>3</sub> .	40 44 44	Drifting showers of rain from 8 am. Some sleet at times with the rain. Became bright after 2 pm. Clear & frosty evening.		.19
Su. 28.	30.18 -23	W <sub>0</sub> . W <sub>1</sub> . W <sub>0</sub> .	2½ 30 35½	Frost a m, hard & very white. Thick fog after 9 am, & till near noon, then bright all the PM. Evening fog below, clear above & frost.		
42238		260313		(Mean Temp 40°.92.) Rain 5 over 0.50		
		573		2° above Average.		



# December 1873.

December	Baro. meter	Wind.	Thermom. Min. 8 am. Max.	Weather, &c.	Notes.	Rain. 0.50.
M. 29.	30.14	SW <sub>0</sub> .	23		Fog, and rime frost till 11 am, then bright, with a few light clouds. Beautiful sunset, and clouds in band across S.W. Clear night.	
	-12	S <sub>1</sub> . SSW <sub>2</sub> .	25			
Tu. 30.	-03	S <sub>3</sub> .	29		Clear, & a keen wind, although S. some light hazy clouds after 11, and in the P.M. but mostly very bright. Cloudy & windy evening and night.	
	29.83	S <sub>4</sub> . S <sub>3.5</sub> .	29			
W. 31.	-67	SSW <sub>2</sub> .	34		Mild, cloudy, & gentle rain early A.M. After 10. fine, bright & pleasant. Evening calm, and bright moonlight.	.05
	-84	SW <sub>2</sub> . SW <sub>0</sub> .	45			
	179.63		86	1223	Mean last 3 days 34° 75.	Rain 0.55

Barometer  
Highest on the 4<sup>th</sup> = 30.67.  
Lowest on the 31<sup>st</sup> = 29.67  
Range = 1.00  
Mean of month 30.324!  
Gales on 2 days, 16<sup>th</sup> & 30<sup>th</sup>.

Thermometer  
Highest on the 16<sup>th</sup> = 56°  
Lowest on the 12<sup>th</sup> = 22°  
Range = 34°  
Mean daily range = 9.91  
Mean of Month = 40° 1  
1 to 2 deg above Average.

Prevailing winds the S.W., - W., - & S.  
Fine days 25. Rainfall 0.55 Inch only!

This was a remarkably fine, dry, and mild month throughout, very similar to December 1843.

# Summary of the Year 1873.

## Monthly Results.

1873.	Winds.								Gales days	Fine days	Mean Barom	Mean Temp	Mean daily range	Rain-fall.	Thermom.	
	N.	W.	N.	S.	NE.	SE.	NW.	SW.							min	max
Jan.	4	1	1	4	1	2	2	16	4	18	29.98	41.25	8.35	2.05	27½	53°
Feb.	2	4	1½	1½	5½	2½	5½	5½	4	15	30.12	35.06	7.80	1.40	25	48
Mar.	7	1½	3	3	5½	2	3	6	5	21	29.89	42.02	14.79	1.18	26	62
April	1	2	5	1	10	3	4	4	3	19	30.07	46.98	17.66	0.59	28½	72
May	2	8½	3	1	3	3	5	5½	0	21	30.07	51.58	17.70	1.98	35	69
June	1	8	1	1	2	6	1	10	0	23	30.07	60.86	17.86	2.54	43	79
July	0	5½	0	6	0	4½	1	14	1	24	30.08	65.38	19.45	2.57	48	91
Aug.	2	9	0	3	0	3	1	13	2	24	30.05	64.96	17.12	1.06	50	85
Sept.	0	9	0	2	3	5	2	9	1	19	30.06	55.70	15.86	3.26	39	70
Oct.	0	5	1	5	2	2½	4½	11	2	24	29.97	49. -	12.89	2.23	29	71
Nov.	3½	2	3	4	5	3	1	8½	5	21	29.97	44.30	9.76	1.21	28	56
Dec.	0	6	1	5	0	0	3	16	2	25	30.32	40.10	9.91	0.55	22	56
1873.	22½	61½	19½	36½	37	36½	33	118½	29	254	30.05	49.76	14.09	20.62	22	91

The year 1873 was notable for the excessive heat of July, and for the continued dry weather in November and December. The total rain was near 3 Inches below the Average, and 10¼ Inches less than 1872! The effects of this appeared at the end of 1873, in the great lack of water in all the water-courses, and ponds, beyond any case at this season for 39 years past.



# Conclusive Notes on the Year 1873.

Highest Barometer on February 18<sup>th</sup>  
when it was 30.78 Inches.

Lowest - Ditto, — on January 20<sup>th</sup>, when  
it fell to 28.63 Inches.

But the highest mean state was in the  
month of December.

The hottest day was the 23<sup>rd</sup> of July,  
Thermom<sup>r</sup> 91° in the shade; and 142° in  
the sun on the ground!

The coldest day was the 12<sup>th</sup> of December,  
Thermom<sup>r</sup> 22°. — But the coldest  
month of the year was February.

The total Rainfall only 20.62 Inches,  
and the number of fine days 254, or  
63 more than in the previous year!

*Orlando Whistlercraft*

# January 1874.

Jan <sup>y</sup> .	Baro- meter	Wind	Thermometer			Weather, &c.	Notes.	Rain.
			Min.	8 am	Max.			
Th. 1.	30.11 -23	W <sub>1</sub> SW <sub>1</sub> SW <sub>2</sub> 4	33	38	45	Clear sun-rise, bright mor- ning, and a very bright, and tranquil day for the season. Hazy & more wind in the evening.		
F. 2.	29.94 -98	SW <sub>4</sub> SW <sub>3</sub> SW <sub>2</sub> 3. 4.	38	48	50	Windy & little rain 6 a.m. Mild and cloudy with a drizzling at times. Fine and clearer afternoon, and evening. Cloudy night and more wind.	Full moon 7.3 pm.	.04
Sat. 3.	-66 -37	SSE <sub>3</sub> S <sub>4</sub> SW <sub>7</sub> 6. 4.	38	42	44	Cloudy and squalls of wind, with drifts of rain at 1.42 pm, then finer till 3. Violent gale from 4 pm & rain at times.	Thunder in d. - 3 pm.	.12
Su. 4.	-59 -76	S <sub>2</sub> SW <sub>3</sub> W <sub>2</sub> 8. 1.	32	35	40	Bright and black mor- ning, chiefly bright all day, cold air, & some clouds. Stormy sky at sunset, & squally night.	□ ♀ 24	
M. 5.	-90 30.19	W <sub>4</sub> WNW <sub>3</sub> NW <sub>2</sub> NW <sub>1</sub>	31	33	39	Squalls of hail early A.M., cold morn <sup>g</sup> , but bright, and the same all day. Even <sup>g</sup> clear, and sharper frost all night.	* ♀ ♂	
Tu. 6.	-33 -40	S <sub>1</sub> S <sub>2</sub> S <sub>2</sub>	27½	33	41	Hard frost early, hazy with red clouds. Fine day, but hazy, and after 2 pm, more hazy and some clouds, very red sky at sunset.		
W. 7.	-32 -18	SSW <sub>0</sub> S <sub>2</sub> S <sub>2</sub> 8. 4.	33	34	42	Chiefly clear till noon, more hazy in the p.m., but very fine. Even <sup>g</sup> chiefly cloudy, and a blustering night.	□ ♀ 24	
419.96			23.25	30.1	Mean Temp 38° 1. — Rain cal <sup>d</sup> over 76			
			53.35	= 3° above Average.				



# January 1874.

January	Baro- meter	Wind.	Thermometer Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.16
Th. 8.	30.03 29.88	S 4. SSE 3. S 4. & 5.	32 34 43	Hazy, & keen wind, & red sky in the morn'g, Cloudy & cold day, rain at 2 pm, a few drops, and more in the evening, a short time.		05
F. 9.	-89 30.04	S 3. S 3. S 1.	39 43 47	Grey clouds, & little sun, with a hazy sky, and brisk wind, but milder, and after 3 pm - wind calm - and cloudy. Rain at night.		
Sat. 10.	-14 -14	SSW 1. SW 1. SW 1.	42 43 49	Little rain early; fine and moon last p.m. mild day, some sun, 7.55 pm. and a pleasant afternoon. and close and cloudy evening. Colder in the night.		06
Su. 11.	-17 -10	W 0. SE 1. SE 1.	31 33 42	Dense fog all the morn'g, clearer about noon, & very bright afternoon. Hazy & red clouds at sunset. Clear at 8 pm.		
M. 12.	29.92 30.01	W 1. SW 2. SW 2. W 1.	32 40 47	Cloudy and mild, very thick and gloomy at times, most of the day. Clearer after 4 pm, and bright. Starlight evening.	* & 3	
Tu. 13.	-13 -09	W 0. SW 1. SW 2. & 4.	30 1/2 31 42	Clear & frosty morn'g, and a very fine sunny day, with a few light clouds. More wind in the evening, and blustering night.		
W. 14.	-01 -05	SW 3. SW 2. SW 2.	36 44 50	Mild & breezy morn'g, and a very fine mild day, and at times bright and pleasant. More cloudy after 3 pm, & during evening.		
420.60				242.5 32.0	Mean Temp 40° 1. - Rain cal up 0.27	
				562.5	5° above Average.	

# January 1874.

January	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 0.27
Th. 15.	30.01 29.96	SW 2. SW 2. S 3.	42 46 51	Very mild & cloudy morning and the same all day, but some gleams of sun at times. Cloudy evening and warm breeze. - Blustering night.		
F. 16.	-74 -48	SSE 5 SSE 5 S 4. 2. 1.	41 44 4 1/2	Blowing morn'g, and very blustering all day, but fine and mild, with sun at times. Stormy & rain in the evening, but fine & less wind after 10.		12
Sat. 17.	-61 -76	SW 1. W 3. WNW 3 W 1.	31 33 41	Slight frost early, then cloudy and little snow at times, clear at noon, and bright afternoon, but a very cold wind. Fine evening, and windless.	(little snow)	
Su. 18.	-88 -63	S 2. S 3-4. SSW 5. 3. 2.	28 33 51	Frost early AM, then cloudy, rainy, and milder from 8 am. blustering all day, and rain at times. Much warmer after 3 pm, but cloudy and windy. Fine evening, less wind.	New moon 8.0 am. warmest after 4 pm.	75
M. 19.	-73 -80	SW 2. SW 1. SW 0.	42 45 46 1/2	Cloudy & close, chiefly overcast most of the day, and rain at times: finer & clearer after 3 pm. Evening nearly calm, and mostly cloudy.		11
Tu. 20.	-74 -81	SW 3. SW 5. SW 3.	41 52 55	Very mild, cloudy, & breezy morn'g, partially bright in the day, and a warm air, but windy. Night clearer, very fine, & wind less, but colder.		
W. 21.	30.12 -33	W 1. SW 1. SW 0.	38 40 49	Clear, very bright and cheering all the day gentle wind and mild. Sun set clear, and a calm and clear evening, and night.	Δ 0.4	
417.60				263 34.1	Mean Temp 43° 14. - Rain cal over 6.5	
				604	8 deg above Average!	



# January 1874.

January	Baro. meter	Wind.	Thermom. Min.	8. am.	Max.	Weather &c.	Notes.	Rain.
Th. 22.	30.50	Var. 0. WSW 1. SW 2.	30	32	44	Very clear upward, but fog below, and hoar-frost, very fine and bright day. Foggy after sunset and the same most of the night.		0.65
F. 23.	-32	SW 2. SW 2. SW 4.	38	44	48	Overcast, milder again foggy forenoon, but a sunny afternoon. Cloudy evening, and more wind: some rain.	♂ ♀ ♀	
Sat. 24.	-21	SW 1. WNW 2. NW 2. 8. 4. 2.	41	42	43	Cloudy, mild, & rainy morning, colder afterwards, cloudy, and rain at intervals. Finer & clearer after 3 pm, & freezing night.		.73
Su. 25.	-32	NW 1. W 1. SW 1. 8. 0.	27	30	41	Clear & hard frost in the morning, continued very bright through the day, a few light clouds P.M. Clear moon-light evening.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 0.43 am. ♂ 0 ♀	
M. 26.	-43	SW 4. SW 4. SW 3.	33	38	48	Bright morning, brisk and very cold wind; hazy & cloudy after 10 am, and yet milder, with gleams of sun. Evening cloudy, windy night but fine.	Δ ♀ 4	
Tu. 27.	-45	W 2. NW 2. NW 2. 8. 1.	39	40	47	Bright all the day, and a brisk drying air. More hazy & some light clouds after 4 pm, but less wind. Night clear.	Δ ♀ 4 ♂ H 0	
W. 28.	-57	W 0. W 1. W 1.	36	42	46	Cloudy, calm and mild morning; gloomy day, and somewhat foggy at times. The evening nearly the same, and fine night.		
42.599			244	317		Mean Temp 40° 07.	Rain cal up	0.78
			561			5° above Average.		

# January 1874.

January	Baro. meter	Wind.	Thermom. Min.	8. am.	Max.	Weather, &c.	Notes.	Rain.
Th. 29.	30.44	SW 0. SW 3. W 3.	41½	42	43	Cloudy and calm morning, and rather foggy cloudy & cold afternoon, and more wind, and the evening cloudy & breezy.	♂ ♀ H	0.78
F. 30.	-42	NW 4. WNW 4. WNW 1.	38	41	46½	Clear, bright with very brisk wind, the same all day, & very drying, and cheering. Clear sun set, & wind gone.		
Sat. 31.	-51	W 3. W 3. W 3.	33	36	48½	Clear & bleak morning, and a very fine bright, and drying day. Evening more clouded over.	♂ ♀ H	
182.72			1125	138		Mean 3 days 41° 75. Rain 0.78.		

## Barometer.

Highest on 25<sup>th</sup> & 28<sup>th</sup> 30.57.

Lowest on 3<sup>rd</sup> 29.37.

Range = 1.20

Mean of Month = 30.11.

Gales on 3 days, 3<sup>rd</sup>, 16<sup>th</sup>, & 18<sup>th</sup>.

## Thermometer.

Highest on 20<sup>th</sup> 55° —

Lowest on 25<sup>th</sup> 27° —

Range = 28° —

Mean daily range 10° 4.

Mean of month = 40° 5.

5½° above Average.

Prevailing winds - SW, and S to W.

Fine days 23! — Rainfall only .78 of an Inch.

This was a remarkably fine and mild month, although changeable, but the frosts were few and gentle; the rain of little amount, and no snow with us, except a few flakes on the 17<sup>th</sup>. Aconite, Snowdrop, and other little flowers bloomed all the time, also Primroses and violets in many places!



# February 1874.

February	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
Su. 1.	30.53 -54	W <sub>1</sub> . W <sub>1</sub> . W <sub>0</sub> .	41 42 46	Grey cloudiness, calm, & mild morn'g, and the whole day the same, as well as the evening and night.	Full moon 11. 36 am.	
M. 2.	-49 -41	Var <sub>0</sub> . WNW <sub>2</sub> . W <sub>2</sub> . 8 1.	39 41 43	Overcast and calm morn'g. Thick and gloomy afternoon, and more wind. Evening cloudy but fine.	♂ ♀ H	
Tu. 3.	-43 -51	W <sub>1</sub> . WNW <sub>1</sub> . NW <sub>2</sub> . 8 1/2.	38 1/2 41 46	Overcast and thick but a fine morn'g, slight miz- zing at times after 11 am, but chiefly fine and rather foggy. Even'g clear, and night the same.	♂ ♂ ♀	
W. 4.	-65 -68	N <sub>0</sub> . NE 1/2. E 1/2.	29 30 44	Clear & frost AM. Very bright all day, but a keen air. Sun set in fullest lustre, and a clear frosty night.		
Th. 5.	-63 -64	SE 1. S 1. SW <sub>0</sub> .	26 34 42 1/2	Frost & fog early, change to cloudy & milder at 10 am, after 10, again clear, and a bright afternoon. Sun set clear and sharp frosty evening and night.		
Fr. 6.	-52 -48	S <sub>0</sub> . S 1/2. S <sub>0</sub> .	21 23 32	Severe frost, fog and rime, more or less fog all the day, and frost continued. The evening the same, and foggy night.		
Sat. 7.	-30 -24	W <sub>0</sub> . W <sub>2</sub> . W <sub>3</sub> .	24 26 41	Hard frost, fog and rime, bright afternoon, and the rime all off. Cloudy evening & more wind, and a blustering night.		
427.05		218.5 29.5		Mean Temp 36.67. Rain - none -		
		513.5		Rather below Average.		

# February 1874.

February	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. none to this time.
Su. 8.	30.07 -27	NW <sub>4</sub> . NW <sub>3</sub> . NW <sub>0</sub> . 2. 3.	37 1/2 40 44	Blustering breeze, with clouds & little sun, some distant clouds of hail, & a little here, but more sun in the afternoon. Clear & calm evening till 9, then breezy.	Hail & sleet.	
M. 9.	-27 -24	NW <sub>3</sub> . NW <sub>4</sub> . NW <sub>3</sub> .	24 25 36	Keen wind, frost & clear, more clouded in the day, and cold wind. Snow at 3 pm, and some in the night, and frost went on.	4. 29 pm. Snow 1 pm.	
Tu. 10.	-57 -64	E 1. E 2. ESE 1.	26 1/2 27 36	Hard frost & bright morn'g. Cloudy in the day, few flakes of snow at times. Sharp frost in the evening, 8 pm 24 1/2.	♂ 24 1/2	
W. 11.	-52 -34	SE 2. SE 3. SE 2.	21 22 33 1/2	Bright with severe frost, & brisk wind. A very piercing blast all day, less wind in the evening. continued hard frost.		
Th. 12.	-20 -15	SSE 2. SSE 2. S 2. 3. 4.	25 29 43	Clear & hard frost, with a bleak wind. Some clouds after 10 am, and not so cold, but very fine and at times bright. Cloudy & milder evening. Change.		
Fr. 13.	-10 -04	SSW <sub>3</sub> . SSW <sub>3</sub> . SSW <sub>2</sub> .	36 44 48	Cloudy & mild, soft breeze and a dry & clean thaw. Pleasant day, but chiefly cloudy. Rain after 4 pm a short time. Cloudy & mild night.		06
Sat. 14.	29.85 -73	S 5. S 5. S 6. 5. 4.	43 1/2 47 49 1/2	Cloudy, mild, and windy morn'g, clearer in the afternoon. Blowing hard in the evening & night, but fine.		
422.99		213.5 29.0		Mean Temp 35.96. Rain over 06		
		503.5		more than 1° below Average.		



February 1874.

February	Barometer	Wind	Thermom. 8. Max. min.	Weather, &c.	Notes.	Rain.
Su. 15.	29.59 -61	S 4. S 3. S 4.	44 47 51	Mild & cloudy morn'g, clearer & some sun in the afternoon, mild and breezy, and a blustering evening. Calmer night.		06
Mo. 16.	-63 -63	S 2. S 3. S.S.W. 4. S.W. 1.	41 45 49	Mild & pleasant morn'g, a little drizzle at times, and more wind after 10 a.m., & cloudy with gleams of sun. Clearer evening, and less wind.	new moon 7.15 pm.	
Tu. 17.	-40 -52	S 4. S 4-1. N.W. 3. S 2.	38 43 45	Blustering and cloudy, with rain at times, less wind after 12, but chiefly overcast, and wet and squally from 2 pm. Evening finer.		13
We. 18.	-63 -78	W 1. W 1. W 1.	27 31 43	Clear and hoar frost, bright forenoon, and the after- noon chiefly so, with some rocky clouds. Clear out frosty night.		
Th. 19.	30.01 -13	N.W. 1. N.W. 2. N.W. 2.	27 31 45	Clear morn'g, with hoar frost. continued very bright all day, few clouds only after 2 pm. Evening clear and calm, & frosty night.	Δ H	
Fr. 20.	-26 -26	N.W. 0. N.W. 2. S 1/2. S 1/2.	27 30 46	Fog, and frost, cleared off about noon. Bright af- ternoon, with some light clouds, and nearly calm. Clear evening, and night.	Δ * H	
Sat. 21.	-14 -04	S 1/2. S 1. S 2.	28 1/2 34 45	Bright morn'g, & hoar frost light bars of cloud from S. to N, across the zenith in the day, and the afternoon cloudy and thick. Rain at night.		
417.63			2325.324	Mean Temp 39° 75. Rain cal up 19		
556.5 = 2 3/4° above Average.						

February 1874.

February	Baro. meter	Wind.	Thermom <sup>y</sup> Min. 8 Max.	Weather, &c.	Notes.	Rain.
Su. 22.	29.95 -89	S 2. S 2. SSE 3 S 1.	39 41 46	Rainy early A.M. Cloudy, and thick all the forenoon, but finer. The afternoon chiefly overcast, and more wind. Little rain during night.		.19 .16 .05
M. 23.	-92 30.04	W 0. NW 0. NW 1. 80.	40 42 47	Densely foggy, till near 10 am, then clearer, and some gleams 10.45 am. of sun in the afternoon, but overcast from 4 pm, and all the evening. Light rain 7 pm.	60°	.04
Tu. 24.	-72 -75	SE 1. SE 2. E 1.	36 40 47½	Bright and tranquil morn'g. fine with clouds and sun, as the day proceeded, and a bright & pleasant afternoon. Clear golden sunset, and frosty night.		
W. 25.	-00 29.86	SE ½ SE 3 SE 2	26½ 31 43	Smart hoar frost early, fine day, with clouds and sun, and a cold wind. The evening partly cloudy, and very cold wind as before.		
Th. 26.	-55 -35	SE 4. SE 5. SSE 6.	36 41 47	Blustering, cold, and cloudy all the morn'g; coarse and boisterous day, with rain at times. More wind in the evening, and a mild night, but very windy throughout.		.37
Fr. 27.	-22 -72	S 5. SW 2. SW 2. S 1.	44 48 53	Fair till 9 am, then a storm of rain, wind less & finer from that time & a bright and mild day. Even'g in part clear, & very little wind. Clear night.		.07
Sat. 28.	30.03 -07	SW 1. SW 1. S 0.	32 35 52	Hazy & some sun, but became very bright and pleasant from 11 am, all the afternoon. Hazy even'g.		
417.87		25353355		(Mean Temp 42°.07.) Rain & over 0.88		
589		5 deg above Average.				



# Results for February 1874.

Barometer.	Thermometer.
Highest on the 4 <sup>th</sup> - 30.68.	Highest on the 27 <sup>th</sup> - 53°
Lowest on the 27 <sup>th</sup> - 29.22	Lowest on 6 <sup>th</sup> & 11 <sup>th</sup> - 21°
Range = 1.46	Range = 32°
Mean of the Month 30.09.	Mean daily range 11.66.
	Mean of the month 38.6°
Gales on 2 days, 14 <sup>th</sup> & 26 <sup>th</sup> .	About 1½° above Average.

Prevailing winds the South, and South-East. —

Nine days 22. — Rain-fall only .88 of an Inch.

This was a changeable month, with a few keen frosts, and at other times mild and pleasant. The rains were trifling, and no other downfall. The main character was continued dryness, as in the previous months. The finest winter we have ever recorded, and great want of water in the Springs, pools, and all the water-courses, beyond anything in the memory of man at this season. Considerable sickness in many places, and many very old persons, and young children died during this winter. Among the middle-aged, great prevalence of Catarrhs, Bronchial affections, and sore throats, arising from the changes of the weather from bleak and chilly, to mild and damp, and vice versa, as was often the case during this month. —

# March 1874.

March.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather &c.	Notes	Rain.
Su. 1.	30.03 -21	SSE <sub>2</sub> S <sub>2</sub> SE <sub>1</sub>	35 43 53	Hazy & cloudy after 7 am. and part of the forenoon. Bright & pleasant after-noon, and clear moon-light evening.	8 24 8	
M. 2.	-42 -55	SE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub>	38 44 56	Very foggy morning, clearer after 10 am, and a bright and warm afternoon. Some clouds in the evening. Fog during the night.		
Tu. 3.	-63 -60	E <sub>1</sub> E <sub>1</sub> ENE <sub>0</sub>	3½ 37 47½	Fog & little frost early. Clearer after 8, fine day with clouds & sun, and keener air. Clear and frosty evening & night.	Full moon 5. 21 am.	
W. 4.	-62 -60	E <sub>0</sub> Var. <sub>0</sub> Var. <sub>0</sub>	25 29 47	Fog, and sharp frost all the morning, became bright from 11 am, and fine sunny afternoon. Evening partially cloudy.		
Th. 5.	-59 -56	SW <sub>1</sub> W½ W <sub>0</sub>	33½ 37 48	Cloudy and thick more or less all day, and the clouds in adverse tacks. Evening clearer, with haze below. Change in the night.		
Fr. 6.	-73 -76	NE <sub>3</sub> NE <sub>3</sub> NE <sub>2</sub>	37 41 48½	Clouds and sun, but mostly very bright, with a parching breeze. A screen of cosy mottled clouds at sunset.		
Sat. 7.	-62 -45	NW <sub>1</sub> W <sub>2</sub> Var. <sub>0</sub>	30 34 51	Clear, and frosty morning, bright all day, and no cloud. The same to sunset, and evening the same.		
427.37			230 351	Mean Temp 41.5. Rain none.		
			581	= ½ deg below Average.		



# March 1874.

March	Baro- meter	Wind	Thermom. Min. 8 Max	Weather, &c.	Notes	Rain none yet.
Su. 8.	30.20 29.98	SW <sub>1</sub> SW <sub>3</sub> SW <sub>1</sub> & 3.	26 31 53.2	Frost early AM, bright morn'g. and all day, but more wind after 12, and very brisk from 2 pm. Sun set in full lustre & deep orange tint.		
M. 9.	-70 -63	SW <sub>2</sub> W <sub>2</sub> N <sub>1</sub> & 3.	35 41 42.2	Cloudy morn'g, little rain at times. Snow in the afternoon in gentle falls. Fine & clear from 5 pm. Cold & stormy night.	Snow.	.07
Tu. 10.	-70 -83	N <sub>4</sub> NW <sub>2</sub> NE <sub>1</sub> N <sub>4</sub>	24 27 36.2	Sharp freezing wind, and some snow early AM. Bright forenoon; but the pm. cloudy, snow at times. Heavy snow squalls evng.	Snow	
W. 11.	-93 30.10	NW <sub>3</sub> NW <sub>2</sub> N <sub>3</sub>	17 24 37	Severe frost in the morn. moon last ning, the day cloudy with some sun, snow at in- tervals, & a heavy storm just before sunset. Frost all night.	Dr 9. 34 am.	
Th. 12.	-21 -11	SW <sub>2</sub> SW <sub>2</sub> W <sub>2</sub> & 1.	22 29 38	Sharp frost early AM, then cloudy with snow from 9 am. till noon, afterwards rain at times; evng finer, and a clear and frosty night.		.05
Fr. 13.	-35 -40	W <sub>0</sub> W <sub>1</sub> WSW <sub>2</sub> S <sub>1</sub>	28 31 45	Frost AM, very fine, and bright till 3 pm, afterwards cloudy and more wind. at times. Very thick & cloudy evng & again calm.	84.2	
Sat. 14.	-51 -40	WSW <sub>2</sub> W <sub>3</sub> W <sub>5</sub> 3-2.	36 41 48	Clear and milder morn'g, became cloudy after 9 am, and continued so all day & more wind but milder and the night also.		
421.05				188.3005	Mean Temp 34.89	Rain cal up .12
				488.5	7° below Average.	

# March 1874.

March	Baro- meter	Wind	Thermom. Min. 8 Max	Weather, &c.	Notes	Rain none yet.
Su. 15.	30.32 -33	W <sub>3</sub> W <sub>3</sub> NW <sub>4</sub>	43 46 55	Cloudy & mild, little rain in the morn'g, few drops only. Fine & warm pm, clouds, and sun, with a brisk wind. Flying shower 5 pm. Fine night.		.02
M. 16.	-34 -32	W <sub>3</sub> WSW <sub>2</sub> WSW <sub>2</sub> & 3.	41 46 54	Mild morn'g, with clouds and sun. Pleasant day, and sun gleaming but much cloud, and very cloudy evng. Mild and breezy night.		
Tu. 17.	-22 -22	SW <sub>3</sub> SW <sub>4</sub> SW <sub>3</sub>	44 49 57.2	Cloudy, mild morn'g, rain af- ter 8 am, a short time. Very warm day, but blustering. Evng cloudy, and a mild and blowing night.	84.0	.05
W. 18.	-10 -19	SW <sub>4</sub> WSW <sub>4</sub> W <sub>4</sub> 3 & 2.	48 49 56	Mild, cloudy, & blustering in the morn'g, rain at times. finer after 9 am, and bright afternoon, but windy. The evng fine, and in part clear.	new moon 5. 2-am.	.03
Th. 19.	-17 29.78	SW <sub>1</sub> SSW <sub>3</sub> SW <sub>5</sub> W <sub>6</sub>	34 41 51	Clear & dewy morn'g, but from 9 am, hazy cloudy, and windy and some rain after 3 pm. Evening finer, but very blus- tering, & the same all night.		.02
Fr. 20.	-99 30.13	W <sub>5</sub> WNW <sub>4</sub> NW <sub>3</sub> 2-8 1.	38 43 47	Squally wind, and mostly cloudy, very little sun, but a dying air. Evening clear- er and wind all gone. clear night till 12.		
Sat. 21.	-22 -13	S <sub>1</sub> SSW <sub>2</sub> SW <sub>2</sub> & 1.	32 42 53	Cloudy & hazy, but mild after sun rises, hazy all the day, & little sun. Clearer & very pleasant from 4 pm, and a fine mild night.		
422.46				280.3735	Mean Temp 46.67	Rain 2.00 0.24
				653.5	4 1/2 above Average.	



# March 1874.

March.	Baro. meter	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain. 0.24
Su. 22.	30.11 -16	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	42 49 57	Mild with grey clouds, and sun. Warm & pleasant forenoon; rain at times P.M. Fine again after 4, but cloudy. - mild night.		04
M. 23.	-31 -35	W <sub>1</sub> W <sub>1</sub> W <sub>1</sub> SW <sub>1</sub>	47 51 65	Hazy & mild, clearer after 8 am, very warm, bright & pleasant with light drizzle. Fine night and chiefly clear. -	Spring but-terflies seen, the brimstone & the peacock kinds.	
Tu. 24.	-35 -43	W <sub>2</sub> W <sub>3</sub> NW <sub>2</sub>	44 47 61	Fog from 7 am till 10, then clearer, & bright at times 10. 31 pm. warm & pleasant day. Clear sunset and evening but a cloudy night. -	moon 1 <sup>st</sup> Dr. * ♀	
W. 25.	-51 -50	N <sub>2</sub> NE <sub>3</sub> NE <sub>2</sub> S 1.	37 43 53	Clouds and sun till 11, afterwards very bright and parching, but a colder air. Clear sunset, and fine night. -		
Th. 26.	-47 -36	W <sub>1</sub> SW <sub>2</sub> SW <sub>2</sub> S 1.	30 41 53	Little frost and foggy morning, clearer after 9, bright at times, and a day fine during day. Some clouds at sunset. -		
Fr. 27.	-17 -03	S <sub>2</sub> SSW <sub>3</sub> SW <sub>3</sub> S 1.	33½ 43 64	Somewhat hazy, but bright and a brisk wind after 9 am; warm and pleasant day, but hazy with the sunshine. Fine night with a mild breeze. -	Δ ○ H wren's piping.	
Sat. 28.	-14 -10	SW <sub>3</sub> SW <sub>4</sub> SW <sub>4</sub>	42 48 59	Bright and breezy morning, and the whole day the same till 4 pm, afterwards some clouds. - warm & windy night.		
423.99		275.5412		Mean Temp 49.1. Rain evap up .28		
		687.5		7° above Average.		

# March 1874.

March.	Baro. meter	Wind.	Thermom. Min. 8 am Max.	Weather, &c.	Notes.	Rain. 0.28
Su. 29.	29.89 -88	SW <sub>5</sub> SW <sub>6</sub> SW <sub>4</sub>	48 55 59½	Warm, cloudy, & windy, very blowing day, and chiefly cloudy, with the evening near the same. Night rather clearer.		
M. 30.	-92 30.04	SW <sub>5</sub> W <sub>6</sub> W <sub>4.2</sub>	45 49 57	Bright and windy morning, some clouds in the day but mostly bright and very boisterous wind, but in the evening much less.	□ δ H	
Tu. 31.	29.93 -90	SW <sub>4</sub> SW <sub>3</sub> WSW <sub>4</sub>	46 53 58	Cloudy, mild & little rain from 7 till 9 am, then changeable, & sun at times. Heavy shower 4½ pm, then a clearer evening. -		12 11
179.56		139.1745		Mean 3 days 52.25. Rain - 0.51		

## Barometers.

Highest on the 6<sup>th</sup> 30.76  
Lowest on 9<sup>th</sup> 29.63.

Range = 1.13.

Mean of Month 30.23.

Gales on 4 days. -

## Thermometer.

Highest on 23<sup>rd</sup> 65°  
Lowest on 11<sup>th</sup> 17°.

Range = 48°.

Mean daily range 16.25.

Mean of the month 43.93.

Nearly 2° above Average. -

Prevailing winds SW, and West.

Fine Days 23. Rain-fall .51 of an Inch only.

This was a very fine and dry month, and although a few very cold days about the second week, was afterwards mild, so that the entire month was nearly 2 degrees above the Average in its temperature. Vegetation was rather earlier than ordinary, but the effects of the drought increased upon the Springs and pools beyond precedent at this time of the year.



APRIL 1874.

April.	Baro. meter	Wind.	Thermom. Min. 9 am Max.			Weather &c	Notes.	Rain.
W. 1.	30.03 -11	W <sub>4</sub> W <sub>3</sub> W <sub>2</sub>	35 49 56			Squally shower at 7 am. Windy day, but fine after 8 am, and a bright afternoon. Even cloudy and a closer night.	Full moon 11.19 pm.	.02
Th. 2.	29.77 -51	SW <sub>3</sub> SW <sub>6</sub> SW <sub>5</sub>	47 55 58			Cloudy & warm breezy morning. Very blowing day, & mostly cloudy. Very windy all night, and some rain.	* h ☉	
Fr. 3. Good Friday.	-31 -36	SW <sub>6</sub> WSW <sub>3</sub> WSW <sub>2</sub> S 1.	47 52 57			Heavy gales & showers early a.m. Finer from 7 am, bright afternoon. Storm in S. at 3 pm. & thunder at 4. Fine evening & night.	Thunder PM.	.08
Sat. 4.	-62 -63	SW <sub>2</sub> SW <sub>3</sub> SW <sub>3</sub>	36 46 50			Clear morn'g till 8, afterwards cloudy and very blustering at times. Raining evening and part of the night.		.12
Su. 5. Easter.	-62 -66	SSW <sub>2</sub> SW <sub>2</sub> WSW <sub>2</sub> S 1.	41 48 53½			Hazy & cloudy till noon, then clearer & bright out times, and more so at 4 PM: and a fine evening till 8, then a squally shower.		.06
M. 6.	-72 -96	SW <sub>2</sub> W <sub>2</sub> W <sub>1</sub>	32 48 58			Clear and dewy morn'g, bright & warm till noon, then some hail & rain at times, with bright intervals. Fine night.		.07
Tu. 7.	30.10 -03	NW <sub>2</sub> W <sub>2</sub> SW <sub>2</sub> S 1.	36½ 49 58			Bright with cumuli clouds, and fresh breeze at times. Evening nearly calm, soft, and pleasant, but hazy.	☐ ♂ ♀	
41 6.63			274.5	39.05	Mean Temp 47.5. Rain 2.41 3.5			
			66.5	About 1½ above Average.				

APRIL 1874.

Baro.	Thermom <sup>t</sup>	Wind		9 <sup>am</sup> Mac		Weather, &c	Notes	Rain.
April meter								0.35
W. 8.	29.93 30.04	SW <sup>2</sup> W <sup>4.3</sup> WNW <sup>2</sup> W <sup>1</sup>	44 46 56			Cloudy morn <sup>g</sup> , slight rain at 7, then fine and the afternoon mostly bright, wind brisk and cool. Bright evening & less wind.		
Th. 9.	29.92 -70	S <sup>3</sup> S <sup>4.5</sup> S <sup>3</sup>	34 50 55			Flying clouds, and sun. more clouded, and blustering from 11am, all the rest of the day. Blustering night & rain at times.		
Fr. 10.	-52 -52	SE <sup>1</sup> S <sup>1</sup> S <sup>1/2</sup>	45 50 51			Steady rain till 2pm, and moon 1 <sup>st</sup> D. less wind, afterwards fine & clearer, but very hazy. Even <sup>g</sup> and night fine, & much clearer.	10. 20 pm 8 & 24	.60
Sat 11.	-45 -43	SE <sup>1</sup> SSE <sup>2</sup> SE <sup>2</sup> & S <sup>1</sup>	36 49 57			Bright with rocky clouds electric and stormy looking sky, & more so about sunset. Even <sup>g</sup> hazy, but a fine night.		
Su. 12.	-60 -78	NE <sup>1</sup> NE <sup>2</sup> NE <sup>2</sup>	39 48 51			Hazy with grey sky, all the morning. Cloudy and rain at times from 11am. till after 5pm. Even <sup>g</sup> finer & clearer, and fine night.		20
M. 13.	-64 -40	SE <sup>2</sup> SE <sup>6</sup> SSE <sup>3</sup> S <sup>2</sup>	32 1/2 44 49 1/2			Hazy and raw atmosphere followed by heavy gusts of wind and some rain at times. Clearer & less wind at 3pm, and a bright and warmer even <sup>g</sup> . fine night.		.03
Tu. 14.	-76 30.02	E <sup>1</sup> NE <sup>2</sup> NE <sup>4</sup>	40 50 54			Grey haze till 9am, then clouds & sun, with brisk, drying wind. Cloudy, cold, and windy even <sup>g</sup> and overcast night.	□ ♀ H	
415.71		2705.3735		Mean Temp 46° -		Rain c <sup>d</sup> over 1.18		
644				=		About the true Average.		



APRIL 1874.

Barometer		Thermom.		Wind.	9 am	Max	Weather	Notes	Rain.
April.	meter	Min.							
W.	15.	30.13	NE <sub>3</sub>	43			Cloudy morn'g, clearer after 11 am, sun at times, and more bright from 2 pm till 5. - Evening cloudy, & night also.		1.18
Th.	16.	-04	NW <sub>2</sub>	42			Cloudy morn'g, clearer & some sun after 10 am, 1.52 pm. changes of sun and cloud all day, but a bright even'g. Hazy below.		
Fr.	17.	-04	W <sub>4</sub>	43½			Brisk wind & bright morn'g, till 9, then cloudy at times, with heavy gales & sun. Wind abating after 3 pm. Fine night		
Sat.	18.	-09	W <sub>1</sub>	45			Hazy & close morning. Slight rain at 8½ am, then fine, with clouds and sun. Very mild & rather cloudy night.	Swallows appear.	.01
Su.	19.	-18	SW <sub>1</sub>	4½			Close morn'g, & grey clouds bright after 8, very warm & pleasant with clouds at times. Close and tranquil night.	□ ♀ Cuckoo heard.	
Al.	20.	-18	SW <sub>1</sub>	50			grey sky & close morn'g bright from 8 am, and very warm, with some clouds. Close & hazy even'g. Clear night.		
Tu.	21.	-13	SE <sub>1</sub>	39			Clear dewy morn'g, very bright all day, and very hot, and the evening very brilliant also.	Nightingale sings.	
42		160	310		4335	Mean Temp 53° 1.		Rain	1.19
			743° 5		6½° above the Average.		carried up		

APRIL 1874.

April	Barometer	Wind	Thermom <sup>t</sup>	Weather	Notes	Rain
			9 <sup>am</sup> Max.			1'19
W. 22.	30.17 -27	W <sub>1</sub> NW <sub>2</sub> NE <sub>2</sub> E <sub>1</sub>	47 61 72	Very bright and hot for the season, few light clouds P.M., & gentle breeze. Rocky clouds in S, after 5 pm. Clear night.	Δ 48 Lightning during night.	
Th. 23.	-28 -21	E <sub>1</sub> ESE <sub>2</sub> SE <sub>2</sub> & 1.	43 60 73.	Bright morn'g, small e-lectric clouds. Very hot and brilliant day, and bright even'g also, but rocky in W horizon.	moon 1 <sup>st</sup> Dr 0.3 pm. Δ 8 H Thunder clouds NW at even'g.	
Fr. 24.	-23 -25	SW <sub>1</sub> WSW <sub>2</sub> SW <sub>2</sub> & 1.	45 55 71½	Bright till 7 am, then a fog came on till 10, then clearer, and a bright and hot afternoon. Evening lightly cloudy. Settling night.		
Sat. 25.	-27 -25	SW <sub>1</sub> SW <sub>1</sub> SE <sub>2</sub>	52 66 71½	Hot & close morn'g, grey clouds & sun: chiefly bright in the forenoon; cloudy and sultry P.M. some fog during the night.	Δ 4 7	
Su. 26.	-28 -33	SE <sub>1</sub> E <sub>2</sub> E <sub>2</sub> & 1.	49 56 68	Close with fog, more or less till after 9, then clearer, bright and parching afternoon, and clear sun set, and night.	□ ○ H Cuckoo much heard.	
M. 27.	-34 -33	E <sub>1</sub> ESE <sub>2</sub> ESE <sub>2</sub> & 1.	43 63 72	Very bright all day, with a parching breeze, and hot for the season. Light clouds in the even'g, but still bright.		
Tu. 28.	-40 -44	ESE <sub>2</sub> E <sub>3</sub> E <sub>2</sub>	44 59 64	Strong haze all the morning & fresh breeze. Very bright afternoon, but a cooler air than of late. Clear evening, & fine night.		
42 405			323 492	Mean Temp 58° 21. - Rain 1'19		
			815	12 deg. above - carried over		
From 19 <sup>th</sup> to 27 <sup>th</sup> unusual heat for April!						



APRIL 1874.

April.	Baro- meter.	Wind.	Thermom. Min. 9 am Max.		Weather, &c.	Notes.	Rain 1/19
W. 29.	30.42 -36	E 2. E 1. E 1.	35 54 60		Clear & dewy morning very bright with a cool breeze all day. The evening the same and chilly night.		
Th. 30.	-12 -03	NW 1. W 2. NW 4. & 2.	30 55 66		Hoar frost early, bright all day, and again warmer for a time. At 2 pm gusty from NW. Bright evening, & less wind.		
12093			65	126	Mean last 2 days 47° 75.	Rain 1/19	

Barometer.

Highest on the 28 <sup>th</sup> —	30.44
Lowest on the 3 <sup>rd</sup> —	29.31
Range —	1.13
Mean of Month,	<u>29.98.</u>

Gales on 4 days.

Thermometer  
Highest on the 21<sup>st</sup>  $75\frac{1}{2}$ .  
Lowest on 30<sup>th</sup> am  $30^{\circ}$ .  
Range =  $45\frac{1}{2}$   
Mean daily range  $19^{\circ} 05$   
Mean of month  $50^{\circ} 97$   
Nearly  $5^{\circ}$  above Average.

Most prevalent winds the SW, and SE. —  
Fine days 22. Rainfall 1.19 Inch.

This was a fine Spring Month, and the latter part very warm and Summerlike at least to the 28<sup>th</sup>, the warmest April for 30 years past, except 1865. Vegetation made much progress, but Springs, and water-courses remained low from the preponderance of dry weather for even 6 months past.

MAY \* 1874.

May.	Barometer	Wind.	Thermom.	Weather, &c.	Notes.	Rain.
			Min. 9 Max.			
Fr. 1.	30.05 -77	N <sup>2</sup> NE <sup>2</sup> NE <sup>1</sup>	43 51 59	Clouds, and sun, with a cool breeze. Bright evening and a keen air. Some clouds and little breeze during the night.	Full moon 4.9 pm.	
Sat. 2.	-18 -20	NE <sup>2</sup> NE <sup>2</sup> NE <sup>1</sup>	35 54 57½	Clouds and sun, with light showers passing the North at a distance. Cold and much cloud at times. Fine night.		
Su. 3.	29.94 -87	NW <sup>2</sup> W <sup>1</sup> SE <sup>1</sup> SW <sup>1</sup>	32½ 49 53	Cloudy, and cold AM. Showers of hail pm, and some sub. a.t. times. Cloudy and calm evening. Rain at 8 & 9 pm.	Hail, pm.	.03 .13
M. 4.	.90 -98	NE <sup>2</sup> NE <sup>1</sup> NE <sup>1</sup>	36 50 52½	Bright morn'g, with some clouds, very cloudy most of the day, and unseasonably cold, and the evening chiefly cloudy.	☉ ☐ ☿	
Tu. 5.	30.00 -02	NE <sup>2</sup> NE <sup>2</sup> NW <sup>1</sup>	37 49 54	Bright till 9, then cloudy, cold and ungenial, and but little sun: but brighter after 3 pm, and all the evening.	☉ ☿	
W. 6.	29.99 -89	NW <sup>2</sup> W <sup>1</sup> W <sup>1</sup> S <sup>1</sup>	38 53 58	Cloudy and sun, stormy looking sky. Little wind and hasty showers in the afternoon with some hail. Fine even'g, but hazy.	☉ ☿ Showers with Hail.	.30
Th. 7.	-80 -77	SW <sup>1</sup> SW <sup>2</sup> W <sup>2</sup> S <sup>1</sup>	35 52 57	Little rain 7 am, stormy sky all day. distant rains, and some here. Evening partially bright, but cold for the season.		.03 .02
419.76			25 53 39 1	Mean Temp 46° 25. Rain cal over 51		
			647.5	6 under Average.		



MAY 1874.

Baro.	Wind.	Thermom.	Weather, &c.	Notes.	Rain.
May. meter		Min. 9. Max.			
Fr. 8. 29.74	NW <sub>2</sub> WNW <sub>2</sub> WNW <sub>1</sub> -72 8 1/2.	35 1/2 50 57	Clouds and sun, with a chilly breeze, and little showers of rain and sleet at intervals. Fine evening, and in part clear, & nearly calm.	Thunder 4 pm.	0.51
Sat. 9. -72	NW <sub>3</sub> NW <sub>3</sub> NW <sub>2</sub> -82	36 48 55	Clouds & sun, cold wind noon last Dr and slight rain at times, 7. 12 a.m. & some hail. Evening fine, bright, and less wind. Cold night for the season.		.02
Su. 10. -94	NW <sub>2</sub> NW <sub>2</sub> NE <sub>1</sub> 30.03	32 49 54	Bright and bleak morning, clouds followed, slight showers, & bright intervals. Evening more settled, bright, & nearly calm.		.01
Mon. 11. -72	NE <sub>2</sub> NW <sub>2</sub> S <sub>1</sub> -20	33 54 57	Clouds and sun, with a bleak air, but rather more settled than of late. A shower at 3 1/2 pm. Night fine.		.03
Tu. 12. -22	NW <sub>2</sub> NW <sub>2</sub> NW <sub>3</sub> -22	35 49 56	Clouds & sun, with a very cool breeze, but fine for the most part. The evening very cloudy, and slight rain.	☉ Δ 4 * ♂ ♀	
W. 13. -32	N <sub>3</sub> NE <sub>2</sub> N <sub>1</sub> -44	45 52 58 1/2	Cloudy morning, clearer after 11 am, clouds & little sun, the evening chiefly bright, but cloudy during the night, and little wet.		
Th. 14. -42	E <sub>1</sub> NE <sub>1</sub> NE <sub>1</sub> -38	43 47 54	Cloudy morning, light rain Δ fine after 10 am, but cloudy and cool. Very little sun. Closer evening & night.	♀ ♀	.12
42.129		25.933.915	Mean Temp 46° 5.	Rain cal. up 71	
		651	7° under Average.		

MAY 1874.

May.	Baro- meter	Wind.	Thermom. Min.	Thermom. 9. Max.	Weather &c.	Notes	Rain
Fr. 15.	30.02 -31	SW 4. W 4. NNW 4. NE 5. 3 4 2	46	51 52	Stormy and showery from 4 am, heavy rain 8 1/2 am. then a cold squall wind from Northward, yet clear, & some sun the rest of the day. Cold night.	new moon 10. 17 pm. ☿ ☐ ♄	.07 .20
Sat. 16.	-38 -43	NE 1. NE 2. N 1.	35	52 56	Clear and cold morn'g, clouds and sun in the day, and very cool air. Evening bright and but very little wind.		
Su. 17.	-40 -36	N 1. NW 2. NW 1.	32 1/2	50 60	Cold morn'g for the season. Fine day, and chiefly bright, light clouds and cool air. Very bright even'g, but some clouds in the night.	Halo and mock sun pm.	
Mon. 18.	-33 -33	N 1. NE 2. NE 1.	36	51 58	Cloudy till noon, the afternoon bright at times, but a very cool breeze. Even'g partially cloudy, and the night also.		
Tu. 19.	-34 -32	NE 1/2. NE 1. E 1. 8 1/2	42	52 57	Calm morn'g, & grey clouds. Much cloud in the day, sun gleaming, but still cool. The night partly clear, and cold.	☿ Δ ♄	
W. 20.	-34 -28	NE 1. NE 2. E 1.	36	52 56	Clouds and sun in the morn'g, but mostly very cloudy, and cool air as before. Even'g rather clearer. Fine night.		
Th. 21.	-19 -02	E 2. E 2. E 1.	38	58 65	Grey clouds & sun, bright and warmer after 8 am, and so continued, the evening also bright, and a fine but hazy night.		
42405			2655	404	Mean Temp 47° 82' Rain carried over 0.98		
669.5 = 5 1/2° below Average.							



# MAY 1874.

May.	Baro. meter	Wind.	Thermometer Min. 9. Max.	Weather, &c.	Notes.	Rain 0.98
Fr. 22.	29.82	E 2. ESE 2. ESE 1. SE 1.	47 61 70	Bright with electric cumuli, and a blue haze. Bright and hot after 10 am, all the af- ternoon, and brilliant evening. Close & hazy night.		
Sat. 23.	-68 -63	SE 0. SE 0. E 1.	51 62 67	Close & hazy morning, & moon 1 <sup>st</sup> 2 <sup>nd</sup> little drips of rain, but 3.19 a.m. chiefly fine and sultry close, and cloudy. Very warm all night.	Δ 8 1/2	01
Su. 24. Whitsun.	-65 -80	SW 1. SW 1. Var. 1. E 2.	55 64 72	Some fog early, clearer from 8 0 8 9 am, hot sun, and some electric clouds. Lovely day here, but thunder at a distance, and very loud in S & E - all evening. (Thunder at NW & NE. 3 pm. and S & SE. 7 pm.)		
M. 25.	-90 30.01	E 1. ESE 2. ESE 2. E 1.	50 64 69	Fog early, became bright after 7, and a very warm day, slight haze, and light clouds. Evening hazy but chiefly bright.	(Distant thunder P.M. in NW.)	
Tu. 26.	-04 -12	E 1. E 1. E 1.	48 66 72	Bright and hot, with a gentle air, a splendid May day throughout. Evening also very bright fine night & hazy.		
W. 27.	-12 -11	NW 1. W 1/2. W 0. S 1.	44 63 73 1/2	Hazy, but bright, and became clearer, very hot and close day, light haze, electric clouds, & sun. Wind to S, at 5 pm. - very close night.		
Th. 28.	-11 -10	SW 2. WSW 2. SW 2. E 1.	55 64 72	Close with grey clouds, and sun, very fine and hot, but often cloudy. Sultry evening, & night, but fine.	* O H	
41882 3504953 Mean Temp 60.39 Rain - 0.99 8455 = 7° above Average. card up.						

# MAY 1874.

May.	Baro. meter	Wind.	Thermometer Min. 9. Max.	Weather, &c.	Notes.	Rain 0.99
Fr. 29.	30.12 -08	SW 2. SW 2. SW 1.	55 1/2 65 72	Close and sultry morning clearer after 10 am; at times bright, and hot afternoon. Cloudy and close evening but a fine night.	Δ 8 1/2	
Sat. 30.	29.98 30.02	SW 2. SW 2. WSW 1.	51 65 72	Electric clouds, and sun; very fine, and mostly bright, with light clouds & fresh breezes. - Hot all the evening & chiefly bright.		
Su. 31.	-12 -14	SW 1. SW 2. SW 2.	50 68 74	Bright & lovely morning; Full moon and very fine, hot, and bright day. Evening the same, and very warm night.	6.46 a.m.	
18046 1565218 Mean 3 days 62.41. Rain - 0.99						

Barometer. —  
Highest on 13<sup>th</sup> — 30.44  
Lowest on 23<sup>rd</sup> — 29.63  
Range — 0.81  
Mean of Month — 30.07  
Gale on one day — 15<sup>th</sup> —

Thermometer.  
Highest on the 31<sup>st</sup> — 74° —  
Lowest on 10<sup>th</sup> a.m. — 32° —  
Range — 42° —  
Mean daily range — 19° 7' —  
Mean of the month 51° 43' —  
1 1/2° below Average. —

Most prevalent currents the N E; S W; N W.  
Fine days 23. Rainfall only .99 of an Inch!  
This was a varied month; up to the 20<sup>th</sup> cold and unge-  
nial, then hot growing weather to the end, but very  
dry for the most part, especially in this part of  
the Kingdom. — Vegetation was fairly forward,  
having a good start in April. —



# JUNE \* 1874.

June.	Baro- meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
M. 1.	30.23 -24	SW <sub>2</sub> SW <sub>2</sub> SSW <sub>1</sub>	53 67 76	Bright and hot with some light clouds, and electric haze at times. Evenng also bright, and a sultry air all the night.		
Tu. 2.	-18 -10	S <sub>1</sub> SE <sub>1</sub> SE <sub>2</sub> Var. o.	53½ 73 81	Electric clouds & shower at 4 am. distant thunder &c. Very hot, and mostly bright from 7 am. Distant thunder clouds in W. 2 pm. very hot, calm & bright evening. Fine night - till long after 12.	Thunder in the E. 5 am.	0.4
W. 3.	-20 -39	Var. o. NW <sub>1</sub> SE <sub>1</sub>	58 61 64	Rain from 4 am, till after 7, then finer, but some slight rain at 11 & 12. - Fine P.M. and some sun. and a fine and clear evening. - Fog at night.	□ 84	40 13
Th. 4.	-54 -51	SE <sub>1</sub> SE <sub>1</sub> SE <sub>1</sub>	48 69 76	Fog early, bright from 5 am and very hot, the day throughout, few small clouds, & gentle wind, and very bright evening and clear and dewy night.		
Fr. 5.	-43 -31	W <sub>1</sub> W <sub>2</sub> SW <sub>1</sub> S o.	49 74 81	Bright and extremely hot, scarcely any cloud to be seen. The evening equally bright, and a fine sultry night, but more hazy.	Δ 0.4	
Sat. 6.	-23 -22	W <sub>1</sub> W <sub>2</sub> Var. 1. NE <sub>1</sub>	57 73 76	Thin haze, but bright & very hot till 11. - Sultry with more clouds in the afternoon. and a cloudy evening followed by gentle rain at 12 pm.		
Su. 7.	-27 -32	NE <sub>1</sub> NE <sub>1</sub> SE <sub>1</sub>	53 59 69	Gentle rain at times from moon last P.M. midnight to 4 am., cloudy 1.18 pm. till 11 am. bright afternoon, & evening, and a very clear sun set.		18
42417		3713.523		Mean Temp 63.89! Rain 8. up 0.75		
		894.5		5.4° above Average nearly! -		

# JUNE \* 1874.

June.	Baro- meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 0.75.
M. 8.	30.39 -33	E o. SE <sub>1</sub> SE <sub>2</sub> S. 1.	44 67 77	Clear, calm, and dewy morning, very bright and hot as the day proceeded. Cirri clouds on N. horizon all pm, but clear here. Night the same.		
Tu. 9.	-30 -22	E o. Var. o. ESE <sub>1</sub> SE <sub>1</sub>	46 70 81	Bright, and very hot, with very little or no wind, but a gentle breeze about 3 pm. Evening very bright, to 72° at 7 pm, but hazy from 8 o'clock.		
W. 10.	-20 -30	SW <sub>2</sub> W <sub>3</sub> NW <sub>3</sub> W <sub>2</sub>	55 69 70	Bands of grey cloud from W, and a very warm morning, more clouded from 9 till 11 am. and clouds & sun all P.M. Evening bright with a pale haze. Very cool night.		
Th. 11.	-33 -74	SW <sub>2</sub> SW <sub>3</sub> WSW <sub>3</sub>	43½ 66 77½	Bright and a brisk wind, and light clouds, but very hot in spite of the wind. Darker clouds at 5 & 6 pm, and wind veered to N.W. at night, & blew hard.		
Fr. 12.	-42 -45	N <sub>2</sub> N <sub>3</sub> N <sub>3</sub>	47 55 59	Cloudy with sun, and cool wind, remarkably cool all the day, although at times bright. Cold evening and night for the season.		
Sat. 13.	-50 -47	N <sub>2</sub> N <sub>4</sub> N <sub>2</sub>	38 55 58	Black wind, clouds & sun, and slight sprinklings of rain at times, although so high a Barom. Fine evening and night. less wind.		
Su. 14.	-45 -58	NNE <sub>2</sub> NNE <sub>3</sub> NE <sub>2</sub>	43 56½ 62	Cool wind, clouds, and sun, new moon slight flying showers at 6.52 a.m. intervals. Bright evening, and fine night, but very cool.		0.4
42508		3165.4845		Mean Temp 57.21. Rain 8. over 79		
		801		1.4° below Average. -		



# JUNE 1874.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 0.79
M. 15.	30.62	NE 2. NE 3. NE 2.	43 1/2 61 64 1/2	clouds and sun, but for the most part bright, and very parching, but a cool wind & light clouds subdue the solar heat much.	* ♀ 24	
Tu. 16.	39 -26	NE 3. NE 3. N 2.	49 55 62	cloudy morn'g, little mizzling, some sun in the midday hours, but chiefly cloudy, and a very cool wind. Raining from 8pm, all night.		01 25 23
W. 17.	22 -30	NNE 2. NE 2. NE 1.	49 55 68	Rain at times till 7 am, then fine, and at times bright. The even'g cloudy, and the night also, but continued fine.		
Th. 18.	34 -37	NE 1. NE 2. NE 2.	50 56 57	Cloudy more or less most of the day, and very cool air, and the evening the same. Fine night and cloudy as before.		
Fr. 19.	38 -32	NE 1. NE 1/2 E 1/2.	49 52 62	Cloudy, very cool & gloomy till noon, afterwards clearer, nearly calm, and a very bright evening, but the night chiefly cloudy.		
Sat. 20.	31 -27	NE 1. ENE 0. E 1. E 0.	52 53 1/2 57	Cloudy and cool through out the day, but calm, and fine. Even'g clear, from 7pm, and a cold night for the season.	* ♀ 24	
Su. 21.	20 -12	E 0. SE 1. E 1. SE 2.	37 63 70	Clear, & heavy dew early in the morn'g, very bright, and warm day, gentle wind, and light clouds. Even'g bright & calm.	moon 1 1/2 2 1/2 8.1 pm.	
424.65		32934403		Mean Temp 55° Rain cal up 1.28		
		770		32° below Average.		

# JUNE 1874.

June.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1.28
M. 22.	30.06	SE 1. SE 2. SE 1.	38 63 76	clear and heavy dew early AM. Bright and very warm as the day proceeded, and after 11, very hot, and bright till 3pm. Thunder NW till 10pm.	Thunder in NW all the PM, and lightning there all evening.	
Tu. 23.	73 -08	SE 1. S 2. S 1.	52 67 72	Bright, warm & pleasant morning, and became hot after 9am. Hazy, & some clouds in the afternoon. Close even'g and dappled sky. Fine night.		
W. 24.	29.99 -96	SW 1. SW 2. SW 1.	54 60 68	Rain from 6 to 8 am, then fine & some sun till 11, afterwards thunder. Storms till 3pm. Fine even'g and night, but some clouds.	Thunder Storms.	29 12
Th. 25.	96 -89	S 2. SW 3. SW 3. 2 & 1.	50 62 68	Stormy looking clouds & sun, pleasant day, warm breeze, much cloud, & bright intervals. Slight thunder shower 4pm. & distant in NW at 6pm.	Thunder shower.	04
Fr. 26.	84 -78	E 1. NE 2. NE 1.	52 59 61	Close and cloudy morn'g, and cloudy most of the day, slight rain 3pm. very close even'g, & night. little rain after 12.		
Sat. 27.	77 -75	NW 1. NW 1. NE 1. E 1.	55 60 68	Slight rain early, close morning, clearer after 9am, clouds & sun. Bright and pleasant afternoon, and even'g. Fine night.		72
Su. 28.	83 -92	E 2. NE 2. NE 1.	51 60 62	Cloudy close morn'g, fine till 10, then rain at times till 1pm, afterwards finer, & a little sun, and a fine even'g, and night.		18
419.08		352475		Mean temp 59.07. Rain cal over 2.03		
		827		Slightly above Average.		



# JUNE 1874.

	Baro- meter	Wind.	Thermom. Min. 9. Max.	Weather, &c. —	Notes.	Rain. 2.03
July. 29.	30.03 -02	S <sub>1</sub> . SW <sub>2</sub> . SSW <sub>1</sub> .	50 66 72½	Bright & hot till 1 pm, with some electric clouds, afterwards hazy and more clouded. Gen- the rain in the evening night chiefly fine.	Full moon 6.48 pm.	03
Tu. 30.	-05 -10	W <sub>2</sub> . W <sub>1</sub> . SW <sub>1</sub> . 2. 3.	56 68 75	Bright, and hot till 1 pm, then rather hazy and close. Very sultry evening & night, with a hot breeze.		
120.20		106 14/5		Mean 2 days 63° 37. Total rain 2.06		

Barometer  
Highest on 15<sup>th</sup> — 30.62  
Lowest on 27<sup>th</sup> — 29.75  
Range = 0.87  
Mean of month 30.21  
No gales this month.

Thermometer  
Highest on 27<sup>th</sup> 5.49<sup>th</sup> — 81°  
Lowest on 21<sup>st</sup> — 37°  
Range = 44°  
Mean daily range 19° 86.  
Mean of Month 59° 1.  
Nearly 1° above Average.

Prevailing winds N.E., and S.E., near the S.W.  
Nine days 20. Rainfall 2.06 Inches.

The first eleven, and last 10 days of this month were  
hot and good summer weather, with some showers, and  
thunder in the last week, but between the 11<sup>th</sup> & 21<sup>st</sup>  
very cool and cloudy, with rain on 16<sup>th</sup> and 17<sup>th</sup> so  
that the surface became refreshed during the month.  
Clover and grass a light crop for hay, but much  
well secured, and wheat and barley looked well.  
Beans and Peas the same in some cases, but many  
of the Bean fields failed in pods from the drought.

# JULY 1874.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
W. 1.	30.10 -11	SW 2. SW 2. SW 1.	61 64 67	Sultry & hazy morn'g, few drops of rain at 7 & 8. Close and cloudy most of the day. Clearer after 5 pm, and a very fine night.		
Th. 2.	-07 -00	SE 2. SSE 2. S 3. SSW 1.	55 70 84½	Bright and hot morn'g, with electric sky. Slight rain at 11, then bright & extremely hot with richly dappled sky. Distant Thunder N. in PM.	(Max 84½ 2 hours 7 pm 78° Distant Thunder)	01
Fr. 3.	-11 -13	SSW 2. SW 3.4 SW 2.	60 69 75	Bright and breezy, but very hot, some flying clouds, and blustering most of the day. Evening bright, and the wind less.		
Sat. 4.	-15 -17	SW 2. SW 3. SW 2.	55 68 73½	Bright and breezy, but very hot, with flying clouds. Continual parching wea- ther. Eveng & night fine & chiefly clear.		
Su. 5.	-26 -31	WSW 2. WSW 2. W 1.	52 68½ 73	Bright and pleasant, with moderate heat, a fresh breeze, and some cumuli clouds. Serene evening and night.	608	
M. 6.	-38 -35	W 1. Var. 1. S E 1. S E 1.	47 69 74	Very bright till about moon last. 2. 1 pm, and hot; afterwards 6.1 pm. more clouds & change of wind. Fine eveng but partially cloudy.		
Tu. 7.	-31 -27	E 1. E 2. E 1.	45 70 76	Grey clouds & sun, and be- came bright and hot from 8 am all day: and a very brilliant eveng, and fine night.		
422.72		375.523		Mean Temp 64° 14. Rain can over 01		
		898		Full ½ a degree above Average.		



# JULY 1874.

July.	Baro.	Wind.	Thermom.	Weather, &c.	Notes.	Rain.
	metes		Min. 9. Max.			
W. 8.	30.21	SE 1.	47	Bright and lovely morning, continued bright, & very hot. Little more wind after 1 pm. Clear evening, and a deep orange sunset.	11 am 79° 12 to 2 pm 82°	
	-25	SE 1. SSE 2. & 1.	73			
Th. 9.	-25	SE 2.	55	Very bright, and excessive-ly hot, a little wind in the afternoon, but continued bright, & the evening the same. Hazy night.	Yam 70° 8 am 75° 11 am 86° 1 to 3 pm 89° 7 pm 77°	
	-25	SE 1. & 0.	80			
Fr. 10.	-22	SE 0.	60	Very sultry dappled & electric morning. Chiefly bright from 11 am, and the heat excessive. Hazy evening lightning SW. Close night	11 am 87° 1 pm 89° 6 pm 82° 143° in sun on ground & 142° 2 days	
	-20	SW 1. W 1. SE 2.	78			
Sat. 11.	-15	Var. 0.	65	Thunder storm in S, at 4 AM, hazy till 11, then very hot, and mostly bright till 2, afterwards close, and hazy. Rain at 8 & 9 pm.	Thunder early AM.	
	-10	W 1. W 1. Var. 1/2	69			
Su. 12.	-13	NW 1.	61	Hazy and close morning and slightly foggy, but from 11 am, bright and hot till 3 pm, then close & sultry. After 4 pm, a breeze at E.		
	-20	NW 1. E 2.	63			
M. 13.	-20	SE 2.	58	Close & cloudy morning, the afternoon bright & very hot, with a blue haze. Clear evening brilliant sunset. Therm 73° at 0 set.	new moon 4. 28 pm.	
	-23	SE 1. SW 1/2.	69			
Tu. 14.	-22	SW 1.	61	Bright and excessively hot, with a few clouds at times. Very brilliant evening, and sunset.	10 1/2 am 80° 6 from 1 to 3 pm 85° 7 pm 78°	
	-15	SW 2. WSW 1.	78			
422.76		407.5853		Mean Temp 70° 89.1 Rain 0.13		
		992.5		More than 7° above Average!		

# JULY 1874.

July.	Baro.	Wind.	Thermom.	Weather, &c.	Notes.	Rain.
	metes		Min. 9. Max.			
W. 15.	30.23	WSW 1.	61	Bright with light clouds and hot morning. More clouds from about noon but very hot & sultry. Evening cloudy in part also.		
	-29	W 1. NW 1. E 1/2.	76			
Th. 16.	-35	E 1.	56	Bright and very hot, with light clouds, and a brisk breeze at times. Bright evening, and cooler than of late.		
	-36	E 2.3 E 1.	72			
Fr. 17.	-37	E 1.	49	Bright morning, and became very hot, with continued brilliant sky all day, & the evening the same. Clear & cooler night.		
	-40	E 2. E 1.	71			
Sat. 18.	-41	E 1.	46	Bright with light clouds soon quite clear & very hot, and so continued all the day. Evening also brilliant, and very fine night.		
	-37	E 1. E 1. E 1.	71			
Su. 19.	-30	ESE 1.	54	Bright, and excessive-ly hot, but a little more breeze in the PM. Clear and very hot evening, & night, but hazy.	4 * 0 11 am 85° 12 to 2 pm 88° 7 pm 76°	
	-21	ESE 2. SE 1.	78			
M. 20.	-09	SE 0.	58	Excessively hot, and some electric clouds, but bright for the most part till 4 pm. Cloudy sultry and electric evening, but a fine night.	8 am 77° 11 am 88° noon 91° 1 pm 92° 8 pm 79° In sun 150°	
	29.95	SE 1. SW 1. W 2.	82			
Tu. 21.	-97	SW 1.	63	Bright morning, & very hot, but cooler with clouds after 8. Thunder storm in S, at 11 1/2 am, and in N, at 3 pm: afterwards fine and windy.	moon 1. 32 pm. Thunder.	
	-89	SW 2. WSW 4.	73			
423.19		387.5723		Mean Temp 68.53 Rain 0.15		
		959.5		5° above Average.		



# JULY 1874.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain 0.15
W. 22.	30.02 -04	WSW <sub>2</sub> WSW <sub>3</sub> SW <sub>2</sub>	56 73 73	Bright morn <sup>g</sup> , afterwards clouds and sun, and not so hot, but very pleasant. Even <sup>g</sup> hazy & mottled clouds. Showers distant in N.W.		
Th. 23.	-01 29.94	SW <sub>1</sub> W <sub>2</sub> W <sub>0</sub>	58½ 66 74	Very hazy morn <sup>g</sup> , slight rain at 6½ am. Thunder showers in the P.M. Bright and hot intervals. - Calm & pleasant evening, but in South a distant storm 8 pm.	Thunder N & S-	01 09
Fr. 24.	-97 -94	W <sub>1</sub> SW <sub>1</sub> Var. 1.	51 69 75	Bright, with rocky electric cumuli hot forenoon. Afterwards thunder, & a little rain. From 3½ pm again fine & sunny. Sun set clear.	Thunder around us.	05
Sat. 25.	30.03 -03	NW <sub>1</sub> Var. 1. SE <sub>1</sub>	45 69½ 75	Clear dewy morn <sup>g</sup> , continued bright, with some clouds, very hot all the mid-day, & wind variable. Hazy even <sup>g</sup> thunder in N. close and hazy all night.	Thunder in N. 7 pm.	
Su. 26.	29.92 -82	SE <sub>1</sub> SE <sub>2</sub> SW <sub>1</sub>	59 62 71	Sultry and hazy morning cloudy and lowering after 1, then mizzling, but became bright in the afternoon, and even <sup>g</sup> . Close night, but very fine.	6088	
M. 27.	-87 -89	SE½ SSW <sub>1</sub> SW <sub>2</sub> S <sub>1</sub>	57½ 66 68	Calm and close morn <sup>g</sup> hazy with grey clouds, and faint gleams of sun. Clearer after 3 pm, & till 5, afterwards cloudy, but a fine night, and rather close.		
Tu. 28.	-83 -78	SSE <sub>1</sub> S <sub>1</sub> SW <sub>1</sub>	55½ 71 74	Hot morn <sup>g</sup> , chiefly bright. Thunder showers at noon. Fine & pleasant P.M., and the same till sunset, & rocky clouds on W. horizon.	Thunder at noon.	30
419.09		38.25 51.0		Mean Temp 63.75. Rain 2.49. 60		

892.5 = Rather above Average.

# JULY 1874.

July.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather &c.	Notes.	Rain. 0.60
W. 29.	29.80 -92	W½ SW½ SW <sub>1</sub> 80.	50 70 77	Very bright and hot, with some rocky cumuli clouds. Distant thunder 3½ pm, in the East. - Sun set red in a haze. Fine calm night.	Full moon 4.43 am. 688 Thunder	
Th. 30.	30.02 -11	W <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub> 80.	52 72 78	Bright and very hot, till noon, more clouds afterwards, but hot, and close: sun set - try even <sup>g</sup> , and fine calm (night).		
Fr. 31.	-15 -08	SW½ SW <sub>2</sub> SW <sub>2</sub>	53 71 79	Bright and hot morn <sup>g</sup> , very hot all day, & mostly bright. Grey clouds, and a sultry breeze in the even <sup>g</sup> , and a very close night.		
180.08		155 234		Mean 3 days 64.83. Rain 0.60		

Barometer  
Highest on the 18<sup>th</sup> = 30.41  
Lowest on - 28<sup>th</sup> = 29.78  
Range = 0.63  
Mean of Month 30.12  
No gale all the month.

Prevailing winds the  
SW; SE; and E.

Thermometer  
Highest on the 20<sup>th</sup> = 92° - !  
Lowest on 7<sup>th</sup> & 25<sup>th</sup> am = 45° -  
Range = 47°  
Mean daily range = 22° 11.  
Mean of the month = 66.637!  
More than 3° above Average.

Fine days 26 in number!  
Rainfall only 6 of an Inch.

This month was notable for its excessive heat and violent drought, which after so many dry months, burnt up the pastures, lawns, &c, dried up all water courses, and reduced most of the wells to exhaustion! Cattle had to be supplied from a distance, and the prospect for future food in root-crops was sad. But most of the wheats & barleys were good, and so early ripe as to begin harvest about the 27<sup>th</sup> of this month generally!



August 1874.

August.	Baro. meter.	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Sat. 1.	30.02 -03	SW <sub>1</sub> . SW <sub>1</sub> . W <sub>0</sub> . —	61½ 64 72	Sultry with gentle rain from 4½ to 7 a.m.; then fine and about noon, bright & hot and from 1 p.m. sultry and closer, evening the same & much cloud, but no wind.		18
Su. 2.	-02 29.88	SW <sub>1</sub> . SW <sub>2</sub> . W <sub>4</sub> .	60 69 78	Close and hazy, then cloudy & more wind, but very hot and sultry all day, and bright at times. Became very clear & cooler in the night.	78° till 5 p.m. 72° at 8 p.m.	
Mon. 3.	-97 30.11	W <sub>2</sub> . WNW <sub>3</sub> . W <sub>2</sub> . & 0.	55 68 72	Bright, with cumuli clouds, and a brisk wind; very fine and pleasant day. Very bright evening, and sun set. clear. Calm night.	☉ ☉ ☉ ☿ ☿ ☿	
Tu. 4.	-09 29.83	SSW <sub>1</sub> . SSW <sub>3</sub> . SW <sub>2</sub>	50 62 62	Cloudy & hazy morn'g, and very unsettled day, more wind, and little rain at times. Clearer after 7 p.m. and a fine night.	moon last 2r 10. 146 p.m.	12
W. 5.	-97 -72	W <sub>1</sub> . SW <sub>2</sub> . SW <sub>4</sub> . & 5.	51 63 63	Cloudy morn'g, then bright from 7 to 9, afterwards, hazy and thick. more wind P.M., & little rain at times. Blushing but fine night.		02
Th. 6.	-80 30.03	W <sub>5</sub> . W <sub>3</sub> . W <sub>2</sub> . & 1.	54 64 71½	Bright & breezy morning with gusty very early A.M. Bright & warm day, and much less wind. Evening also bright to sunset.		
Fr. 7.	29.95 -89	SW <sub>1</sub> . SW <sub>2</sub> . SSW <sub>3</sub> .	46 69 74	Bright morn'g, and chiefly so all day, and hot, with electric clouds & brisk wind. Sultry breeze all night, but fine till 12.		
41931			3775 4925	Mean Temp 62° 14. » Rain cal. up 0.32		
870 ————— About the Average. —						

August 1874.

August.	Baro- meter	Wind.	Thermom. Min. 9 <sup>am</sup> Max.	Weather, &c.	Notes.	Rain. 0.32
Sat. 8.	29.76 -80	SW <sub>2</sub> WSW <sub>2</sub> WSW <sub>3</sub> W <sub>1</sub>	59 67 72	Hasty showers at 3 & 4 am. Then a warm & bright morn'g and the same all day, with some rocky clouds. Even'g bright and very pleasant. and the night fine.		.19
Su. 9.	-88 -90	W <sub>3</sub> WSW <sub>2</sub> WSW <sub>1</sub> SW <sub>1</sub>	55 61 69	Squally morn'g, clouds & sun & few rain-drops at 6 am; brisk wind, clouds & sun through the day & some electric cumuli. Even'g more cloudy & close.		
M. 10.	-70 -67	SW <sub>2</sub> SW <sub>2</sub> SW <sub>1</sub>	57 63 70½	Showers early, warm morn'g, sun & low clouds; hasty & fitful showers at noon, & during the P.M. bright intervals. Lightning 9 pm showers again at 11 pm.	Thunder in North. - (Total rain to day .41.	.12 .15 .08 .06
Tu. 11.	-75 -82	WSW <sub>3</sub> WSW <sub>5</sub> W <sub>3</sub> 4 2	52 63½ 64	Bright & breezy at first, then clouds and sun, but much cloud, & wind boisterous. More bright & pleasant after 4 pm, and fine night.		
W. 12.	-81 -84	SW <sub>2</sub> WSW <sub>2</sub> WSW <sub>4</sub> SW <sub>2</sub>	57 63 68	Bright morn'g, and chiefly here moon so all day, with lighter clouds, and brisk wind. Cloudy & cool even'g, but warmer night & little rain.	4 a m. 5 24 ♀ h * 4	
Th. 13.	-78 -67	S <sub>2</sub> SSW <sub>2</sub> S <sub>4</sub> 3. 2.	56½ 63 65½	Gentle rain early A.M. Fine with some sun after 8. for a short time, then cloudy, blustering & little wet. Finer & clearer even'g in part.		.20 .05
Fr. 14.	-61 -76	SSW <sub>3</sub> SSW <sub>3</sub> SW <sub>2</sub>	56 63 65	Squally and showery yet, very slight rain here, & sun at times. Finer from 2 pm, and all the even'g. and very fine night.		.02
41575		3865474		Mean Temp 61° 42 Rain cov. over 1.19		
		8605		= 6/10 of a degree below Average.		



August 1874.

August.	Baro. meter	Wind.	Thermom. 9. Max. Min. and	Weather, &c.	Notes.	Rain. 1.19
Sat. 15.	30.02 -73	W <sub>2</sub> . WSW <sub>2</sub> . SW <sub>2</sub> .	53 66 69	Bright and pleasant morn- and most of the day bright. but some clouds & haze P.M. Closer evening and night, but continued fine.	8 8 7	
Su. 16.	-74 -73	SW <sub>2</sub> . SW <sub>3</sub> . SW <sub>2</sub> . & 1.	57 63 70	Warm morn- Close day, grey clouds & sun with a blue haze, and warm breezes. - Evening also close, & hazy. Clearer night, and wind all gone.		
M. 17.	-22 -30	W <sub>1</sub> . W <sub>2</sub> . W <sub>1/2</sub> .	52 66 71	Bright, with light clouds, fine, warm, and pleasant day. More hazy in the after- noon, and a close and hazy even- Very fine night.		
Tu. 18.	-35 -36	SW <sub>0</sub> . SW <sub>1</sub> . W <sub>1</sub> . & 0.	49 64 67	Calm & clear morn- ter 8, then hazy, and cloudy till 4 pm, afterwards sun at times, warm & pleasant. Close and sultry even- & night.	8 8 7	
W. 19.	-50 -50	Var. 0. W <sub>0</sub> . E <sub>1</sub> .	62 66 78	Sultry, calm, & close, morn- became very hot and most- ly bright from 11 am, and all the afternoon. Wind changed at 4 pm. Bright Even- -	8 8 7	
Th. 20.	-52 -54	SE <sub>0</sub> . SE <sub>1</sub> . ESE <sub>1/2</sub> .	53 72 82	Fog till 7 am, then bright, moon 1 <sup>st</sup> 2 <sup>nd</sup> . and very hot, very few small clouds. Evening sultry but chiefly bright. Close night and more hazy.	Δ 8 7	
Fr. 21.	-56 -59	E <sub>2</sub> . ENE <sub>2</sub> . ENE <sub>2</sub> . & 1.	60 67 73	Close and cloudy till after- 9, then bright, and hot, but a cooler breeze. Evening also bright. Clear night and a heavy dew.	8 8 7	
42.4.86			38.6 51.0	Mean Therm. 64° -	Rain 2. up 1.19	
896 = 2° above Average. -						

August 1874.

August.	Baro. meter	Wind.	Thermom. Min. 9 Max. am	Weather, &c.	Notes.	Rain. 1' 19.
Sat. 22.	30.57 -51	E 1. E 1. E 0.	46 1/2 67 75	Bright dewy morn'g, continued bright, & hot as day proceeded, nearly calm, and no cloud. Evening the same, & sun set in full lustre.	* ♀ III ♂ ♀ ♂	
Su. 23.	43 -45	Var 0. NW 1. NE 2. NE 2.	47 1/2 66 72	Bright & calm, dewy morn'g. Electric dappled clouds after 8, but bright and hot till noon, then cooler with thin clouds. Evening more cloudy and very cool.		
Mon. 24.	42 -32	N 1. NW 2. SE 2. 8 1.	44 63 71	Bright with light clouds, cool breeze, and hot sun. Some cirrocumuli pm in higher current from W. Hazy ev'ng, and night.		
Tu. 25.	19 -20	SE 0. NE 1. ENE 1. 8 0.	55 61 68	Hazy & electric all the morning & no wind. Clouds & little sun after 10, and more wind, but very fine and pleasant.		
W. 26.	19 -12	Var 0. E 1. SE 1/2. SSE 2.	40 61 71 1/2	Chilly morn'g, but clear. Continued bright & much warmer, hazy & nearly calm. Very dark haze after 4 pm. Fine, hazy and close evening and night.	* ♀ ♂	
Th. 27.	02 29.90	S 1. SSW 2. SW 1. SW 1.	54 1/2 67 73 1/2	Bright but little hazy, very warm morn'g, bright & hot between 11 am & 3 pm, then a blue haze till 5, and the evening sultry & cloudy. - gentle rain at midnight.	Full moon 1.28 pm. Harvest moon.	10
Fr. 28.	91 30.01	WSW 2. WSW 2. W 1.	53 65 69	Bright after the rain during night. Fine sunny day, with light clouds. Very fine evening, & very nearly calm. Night fine.		
42.3'24			34.03 500	Mean Temp 60° 03. » Rain 8.3 over 1' 29.		
			84.0'5	= Nearly 2° below Average.		



# AUGUST 1874.

August	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain. 1.29.
Sat. 29.	29.95	S 2. SSW 2. SW 2. W 5.2.	52 64 65	clouds & sun, pleasant morn. more clouded from 9am, heavy shower & thunder 11am, and at 1 and 3 pm. and heavy to the south. Fine evening and night. -	much thunder.	.09 .14
Su. 30.	30.00	SW 2. SW 2. SW 2. S 2.	49 60 70	Clouds & sun, but chiefly bright, pleasant and very warm. Evenng. more heavy and some clouds. Close night, and sultry breeze.		
M. 31.	29.86	SW 3. SW 3. SW 2.	61 67 73	Sultry breeze, and cloudy till after 8, then chiefly bright, and very warm, with brisk wind. Remarkably sultry all night & brisk wind.		
	17962		162 208	Mean 3 days 61° 66.	Rain	1.52

Barometer  
Highest on the 21<sup>st</sup> - 30.59 -  
Lowest on the 14<sup>th</sup> - 29.61 -  
Range = 0.98  
Mean of the month 30.04

One Gale on the 11<sup>th</sup> day.

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

Thermometer  
Highest on the 20<sup>th</sup> - 82° -  
Lowest on the 26<sup>th</sup> - 40° -  
Range = 42° -  
Mean daily range = 17.06.  
Mean of the month 61.89.

Very slightly below Average.

Fine days 23 in number.  
Rain-fall 1.52 In.

This month was a continued drought, but less heat than  
in previous month. Generally the showers were but gen-  
tle, only refreshing the surface, but not at all tending  
to restore water-supplies. Great concern on account of  
the drought, the lack of water truly alarming.  
Crops mostly good, and fairly secured before the end  
of the month.

# September 1874.

Sept.	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain.
Tu. 1.	29.88	S 3. S 4. SSW 6. SW 2.	64 72 76	Close with very sultry breeze, clearer after 8, bright and very hot with flying clouds, and gaily wind. Thunder in S.W. 3 1/2 pm, less wind after it rain during night.	Thunder Pm. S.W.	
W. 2.	29.95	SW 1. SW 3. SW 2.	58 1/2 66 72	gentle rain very early S.W. then bright all day & hot, with cumuli clouds, and brisk wind at times. Evening bright & less wind.		.18
Th. 3.	29.82	S 1. SSW 2. S 2. S E 2.	55 63 67	Close, hazy, and partially cloudy morn'g. dark and rocky clouds in the day. Overcast from 4 pm, and wet, evenng, and night.	noon last 2 4.54 a.m. wet evenng & night.	1.00
Fr. 4.	29.96	W 2. WSW 3. WSW 3. & 2.	53 1/2 61 64	Bright with flying clouds, and brisk wind, some rocky cumuli. P.M. and Thunder in S. - evening bright.	Thunder in South 3 1/2 pm	
Sat. 5.	30.02	W 2. WSW 3. WSW 1.	49 59 65	Bright with clouds at times, and a brisk wind. squally at 5 pm, after- wards less wind. - night rather cloudy.		
Su. 6.	30.09	SW 1. SW 1. S 1/2 & 0	51 59 64	Hazy with some clouds till 10am, then bright till 11, (much blue afterwards cloudy, and) from 2 pm. rainy looking night fine & clearer.	(much blue hazy P.M.)	
M. 7.	30.08	SW 1. SW 1. SW 0.	50 62 64 1/2	Bright with light cirrus & 0 clouds, till after 9am, then mostly cloudy the rest of the day. Close and calm evening. Clearer night.		
	42.005		38 1/4 72 5	Mean Temp 60° 96	Rain & over	1.18
			853.5	3° above Average nearly.		



# September 1874.

Sept.	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather	Notes.	Rain 1.18
Tu. 8.	30.07 -03	SW <sub>1</sub> SW <sub>1</sub> SSE <sub>2</sub>	56 64 69	Light shower early AM. Bright & warm morning and close day with clouds. Sultry evening and night.		.04
W. 9.	29.80 -65	SE <sub>2</sub> SSE <sub>3</sub> W <sub>3</sub> 2.1.	56 64 66	Close, but very breezy, with clouds, and sun. Shower at noon, thunder in NW. Thunder Heavy shower & hail 2pm. afterwards fine and sun at times.		.27
Th. 10.	-67 -78	SW <sub>2</sub> SW <sub>3</sub> SW <sub>4</sub>	47 57 62	Bright with flying - new moon clouds, and blustering 6.10 pm. wind. Showery pm. and distant thunder. Squalls in the night with showers.		.03 .20
Fr. 11.	-84 -63	SW <sub>2</sub> SSW <sub>3</sub> SW <sub>2</sub>	49 55 62	Cloudy more or less, mizzling rain at noon, and at times all the afternoon, and hail in the night.		.35
Sat. 12.	-66 -90	SW <sub>6</sub> W <sub>4</sub> W <sub>2</sub> NW <sub>2</sub>	53 60 63	Fairly early AM. Bright after sunrise, and a fine, sunny day, with rocky cumuli, and bright evening, clear night.		
Su. 13.	30.17 -35	W <sub>1</sub> NW <sub>2</sub> N <sub>2</sub> 1.8.0.	46 60 61	Clear morning, bright till 10, then clouds at times and very cool breeze, with sun at times. Evening bright & calm.		
M. 14.	-45 -40	SE <sub>1</sub> S <sub>1</sub> SSW <sub>1</sub>	40 58 65	Clear & cold morning early, but soon became warm and chiefly bright all the day. Fine evening and night.		
419.40		348.5448.5		Mean Temp 56.92. Rain 2.07 797 = 1° below Average.		

# September 1874.

Sept.	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather	Notes.	Rain. 2.07
Tu. 15.	30.28 -17	SSW <sub>2</sub> SW <sub>2.3</sub> SW <sub>1</sub>	48 62 67	Bright with flying clouds, warm, and pleasant, a blue haze during bright sun, pm. - closer evening, & some clouds.	□ & H	
W. 16.	-15 -07	SW <sub>0</sub> SW <sub>0</sub> SW <sub>0</sub>	54 58 65	Great fog all the morning, passing off with mizzling after 9, then cloudy all day very little sun, and the evening & night close also.		.02
Th. 17.	29.95 -98	SW <sub>1</sub> W <sub>2</sub> NW <sub>2</sub> 1.8.0.	55 56 57	Close, and cloudy morning, continued cloudy, cooler and more wind, slight rain at times. Gloomy till 4 pm, then clearer and sun bright.	Δ 4 H	.01
Fr. 18.	-99 30.28	SW <sub>2</sub> W <sub>3</sub> W <sub>1</sub>	44 55 62	Clouds and sun, very unsettled, but fine. Clearer after 3 pm, and fine tranquil evening, and night.	Moon 1 <sup>st</sup> 2 <sup>nd</sup> 11.5 pm.	
Sat. 19.	-14 -11	W <sub>1</sub> W <sub>2</sub> W <sub>1</sub>	42 55 64	Clouds and sun, in the morning. Bright after- noon warm & plea- sant. Evening cloudy. Close but fine night.		
Su. 20.	-10 -01	SSE <sub>1</sub> SE <sub>2</sub> SE <sub>1</sub> 8.2.	50 58 66	Close morning, more or less cloudy till 10, then most- ly bright, warm, and very pleasant. Close and sultry night.	□ & H Δ & H violet blue & white open.	
M. 21.	29.83 -79	SE <sub>2</sub> SE <sub>1</sub> SSE <sub>3</sub> SSW <sub>2</sub>	58 64 71	Sultry morning, electric clouds and sun, bright & hot all the middle of the day, but more clouds pm. Evening & night clear.	8 & 4	
420.65		351.452		Mean Temp 57.35. Rain cal over 2.10 803 = slightly below the Average.		



September 1874.

Sept.	Baro. meter	Wind.	Thermom. Min. 9 am Max.	Weather &c.	Notes.	Rain. 2.10
Tu. 22.	29.94	SE 2. SSE 4. S 5.3. S. 2.	54 62 68	Bright morn'g, blustering at times from S.E. - warm day, mostly bright, and the wind squally. Clear evening and wind much abated.		
W. 23.	-12 30.04	SSE 0. SE 1/2. NE 1. Var. 1/2.	48 60 61	Fog early & till near 8 am, then close & electric, rain at 11 am, distant thunder. Rain till after 12. Then cloudy & hazy. Even'g the same.	Distant Thunder.	28
Th. 24.	-21 -30	S 1. SSW 1. SSW 2. 1, 2, 0.	50 56 65	Bright till after 8, then foggy at times, & blue haze, but a pleasant afternoon and mostly bright after 2 pm. Calm & soft evening.	* ♀ H	
Fr. 25.	-32 -33	SW 1. SW 2. SW 1.	52 1/2 63 73	Calm and warm morning with silvery dots of cirro-cumuli. Bright and hot day. Lovely night, bright moon in beds of fleecy dapples.	Full moon 10.6 pm.	
Sat. 26.	-33 -29	Var. 0. W 0. SW 1/2. S 1/2.	57 66 73	Very bright and hot, no cloud, and no wind for several hours. Fine and splendid moon light evening and night.		
Su. 27.	-14 -09	SSE 0. S 1/2. SSW 1. 8.0	50 63 72	Fog early, & till after 7, hot and calm day, bright with beds of light electric clouds. Hazy at sunset, but clear after 8 pm, & moon bright.	(sultry evening)	
M. 28.	29.94 -94	S 1. SSW 1. SSW 2. S 3.	55 64 69	Shower & distant thunder at 1.30 am. Fine hot day, mostly bright after 11 am, with more wind, and a few clouds. Fine evening and night.	Thunder at 1.30 am.	18
422.06		366.5481		Mean Temp 60.53 Rain cal. up 2.56		

847.5 = 2 1/2° above Average!

September 1874.

Sept.	Baro. meter	Wind.	Thermom. Min. 9 am Max.	Weather, &c.	Notes.	Rain. 2.56
Tu. 29.	29.83	S 4. SSW 3. S 3. 2 1/2.	58 1/2 64 66	Cloudy morn'g, & warm breeze clear after 8, bright with many clouds, & a brisk wind. Evening and night more tranquil & much breeze.		
W. 30.	-93 -82	S 1/2. S 1. SSE 1/2.	52 55 61	Rain at 4 to 5 am, cloudy and close morning, unsettled sky all day, & distant thunder. Brighter after 3 pm. Thunder & lightning during night.	(Distant Thunder P.M.)	17
119.43		1105.127		Mean last 2 days 59.37. Rain 2.73		

### Barometer.

Highest on the 14<sup>th</sup> 30.45

Lowest on the 11<sup>th</sup> 29.63

Range = 0.82

Mean of month 30.02.

Gales on 3 days, 1<sup>st</sup>, 12<sup>th</sup> & 22<sup>nd</sup>.

Prevailing winds SW, S, and S.E.

### Thermometer.

Highest on the 1<sup>st</sup> 76° -

Lowest on 14<sup>th</sup> AM - 40.5

Range = 35.5

Mean daily range = 14.11.

Mean of Month = 58.966.

1 Degree above Average.

Fine days 21 in number.

Rain-fall 2.73 Inches.

The long and violent drought broke up on the 3<sup>rd</sup>, and other refreshing rains fell also at long intervals; but this was a warm and fine month, the temperature about 1 degree above Average, and verdure was restored to the grass, &c., and the lack of water partially relieved by the merciful change. Public health pretty good. Spring shrubs put forth fresh leaf and bloom, and violets rebloomed from the influence of the change, after so much drought!



# October 1874.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain.
Th. 1.	29.64	SE 2	54	Severe lightning & thunder with heavy showers from 1 to 5 a.m. Bittery morn'g; finer from sunrise, clouds & sun. Heavy rain again from 8 to 10 p.m. Finer afterwards.	Δ O H Thunder & lightning.	62
		S 2.	64			32
	-67	S 1.	64			
		S 1.				
Fr. 2.	-62	S 2.	48	Cloudy, lowering morn'g, & moon last 20, rain at 9, then blowing, & rain at times, till 3 p.m. then finer & some sun. Night in part clear.	1. 38 p.m.	18
		SSW 4.	53			
	-43	SW 3.	58			
		S 2.				
Sat. 3.	-45	SW 2.	42	Unsettled clouds & sun, with a squally wind. Brighter P.M., but windy and cool. Hazy evening and night, but fine and less wind.		
		WSW 4.	51			
	-55	SW 2.	56			
Su. 4.	-54	SW 2.	45	Very hazy morn'g, and all the forenoon, but clearer in the Northern sky. The afternoon clearer, and some sun, but cool air. Night chiefly clear.		
		SW 1.	51			
	-52	NW 1.	54			
		S 0.				
M. 5.	-90	W 1.	40 1/2	Clear, cool morn'g, continued bright till noon, with bleak wind. Afternoon more clouded, but wind less. Fine night, & chiefly clear.		
		W 3.	48			
		W 1.	54			
	30.11	S 0.				
Tu. 6.	-05	S 2.	38	Chilly morn'g, but soon hazy with some clouds, very little sun, but a blustering and cloudy afternoon. Evening and night boisterous wind and warmer but cloudy.		
		S 2.	49			
		SSW 4.	55			
	29.72	SSE 4.				
W. 7.	-50	SSE 5.	52	Cloudy, warm, and windy morn'g, little rain at times. Heavy at noon, then finer & wind to W. Clear and fine night.		27
		S 5. 6.	56			
	-43	W 2.	57			
		S 1.				
	41.513		3193	Mean Temp 51° 28. Rain 1.39		
			3985			
			718	4° below Average nearly.		

# October 1874.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 1. 39
Th. 8.	29.97	W 2.	42	Bright all day, few small clouds, and but very little wind, and at 4 p.m. veered back to S.E. Evening and night rather hazy.		
		W 1.	48			
		SSE 1/2	55			
	30.07					
Fr. 9.	29.99	SE 2	40	Blustering & warm morn'g after daylight, clouds & sun, but after 1 p.m. overcast, and some rain. Finer & clearer from 3 p.m. Foggy night.		13
		SSE 4.	54			
		S 3. 2.	60			
	30.05	S 1.				
Sat. 10.	-18	S 1.	45	Fog early, then bright, warm moon and pleasant. The solar E. 11. 1 a.m. eclipse seen clearly 9 to 11 a.m. (Solar warm P.M. but hazy, and a mild & hazy evening.)		
		SSW 2.	53			
	-22	SSW 2.	60			
		S 1.				
Su. 11.	-22	S 2.	50	Close morn'g, clouds and sun. Warm and pleasant, most of the day, and sun at times. A little rain 11.30 a.m. Fine but hazy evening, & night. (Pleasant day.)		01
		SW 1.	56			
	-24	SW 2.	61			
		S 1.				
M. 12.	-28	SW 1.	52	Rather foggy till near 11 a.m., afterwards bright & warm, with thin grey clouds. Fine evening and night, and chiefly clear.		
		SW 1.	54			
	-22	S 1.	61			
		S 2.				
Tu. 13.	-07	S 1.	51	Red sky at sunrise, very warm morn'g, bright and lovely day, thin clouds, and not for the season. Close evening and night.		
		S 1.	58			
	-02	Var. 0.	65			
W. 14.	-02	Var. 0.	54	Close, mild, and foggy morn'g, little sun after 10, but again fog at times, & electric clouds. Settling evening, and rather damp.	Thunder at 3 1/2 p.m.	
		SE 1.	57			
		SE 1.	60			
	29.85					
	42.740		334	Mean Temp 54°. Rain 1.53		
			422			
			756	2 Deg. above Average.		



# October 1874.

Oct.	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain. 1.53
Th. 15.	29.72 -68	SE 2. SE 2. SSE 2. & 1.	55 59 63	Close & very warm, with elec- tric sky. little rain at 10 am then finer, some sun, and re- markably warm. Shower at 8 pm. distant lightning.	☿ ☐ H * ♀ H Lightning 2 suns.	01 10
Fr. 16.	-80 -98	SE 1. SE 0. W 1.	53 59 60	Very warm, close & foggy more or less all day, and chiefly calm, wind veered to W, at 1 pm. A little rain in the evening.		02
Sat. 17.	-98 30.00	SE 0. SSW 2. SSW 2.	51 54 59	Fog early, clearer after 7 AM. Clouds & sun, with more wind, bright at noon, but the PM cloudy & rain at 3 & a little at times after.	* 4 H	04
Su. 18.	-08 -11	SW 1. SW 2. SW 0.	51 54 61	Foggy at 7 & 8 AM, then be- came bright with light clouds, a warm & lovely day. Clear moon-light evening and fine night.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 1.29 pm.	
M. 19.	29.99 30.09	SW 2. SW 2. SW 2. & 1.	50½ 57 59	Clouds and sun, mild, and breezy morn'g; very bright from 11 am, all the afternoon, but wind rather cooler. Bright moonlight even'g.		
Tu. 20.	-25 -32	W 1. WSW 3. SW 3.	41 47 54	Clear morn'g, and a very fine bright day, with a brisk drying air. The evening rather hazy, and a halo round the moon.		
W. 21.	29.81 -62	SW 5. SW 7. W 3.	46 55 57½	Very blustering morn'g, and warm, but cloudy. Heavy gales from 9 am till after 12, then a storm of rain, from West. Fine evening & chiefly clear.		22
419.43		347.541.35		Mean Temp 54° 35. Rain cal up 1.92		
		761		2½° above Average.		

# October 1874.

Oct.	Baro. meter	Wind	Thermom. Min. 9. Max.	Weather, &c.	Notes	Rain. 1.92
Th. 22.	29.73 -81	W 3. W 4. W 2.	41½ 47 52½	Chiefly bright, but a cool, & blustering wind, fine, sea- sonable, and drying day. Clear night, and much colder than of late.	* ♀ ♂	
Fr. 23.	-93 30.20	W 3. W 2. WNW 0. W 0.	37 42 50	Bright with a bleak wind in the morn'g, and continued the same chiefly all day. Partly frosty during the night.		
Sat. 24.	-22 -17	S 1. SSW 2. S 2.	34 45 53½	Change early AM, hazy, and some clouds; slowly cleared off, & the afternoon mostly bright. Became hazy in the night, but fine.		
Su. 25.	-07 -17	S 4. S 4. SSW 3. S 2.	45 54 59	Overcast, & the moon eclipse not seen. Cloudy day, but chiefly fine, & a close air. Slight rain at times. - Very close night. -	Full moon. 7.21 am - moon sets Eclipsed.	02
M. 26.	-27 -21	S 1. S 2. S 1.	53½ 56 58	Very close, and cloudy, little rain at times, harder from 10 to 11 am; then a fine af- ternoon, & sun at times close evening and night.		10
Tu. 27.	-15 -16	S 1. S 1. S ½.	52 57 61	Very close, and mild morn'g, clearer after 10 am, very warm and mostly bright, all the afternoon. Even'g foggy and close.	(very warm and plea- sant day.)	
W. 28.	-17 -18	SE 1. SE 2. E 1.	52 57 62½	Very foggy, and warm morn- ing, became bright at 11 am so continued, and a very warm & lovely afternoon. Fog in the night.	* ♀ 4	
421.44		315.396.5		Mean Temp 50° 82. Rain cal over 2.04		
		711.5		1¼ below Average.		



# October 1874.

Oct.	Baro. meter	Wind.	Thermom. Min. 9. Max.	Weather, &c.	Notes.	Rain. 2.04
Th. 29.	30.17 -18	E 0. SE 1. SE 1. & 0.	47 54 59	Fog till after 9 am; then clearer, when, at times bright. After 2 pm, heavy rocky clouds. Dense and electric and the evening close and cloudy.		
Fr. 30.	-24 -31	ENE 2. ENE 2. NE 2.	49 51 54	Overcast & rainy morn'g, but still warm. Clearer and finer after 10 am. The rest of the day, but very little sun. Close night.	77	
Sat. 31.	-37 -39	NE 2. NE 2. E 1.	49 51 52	Little rain early AM. cloudy till noon; fine and clearer. PM. very fine and cloudy evening & night.	☐ ☉ ☿	04
18166			145 165	Mean Temp 3 days, 51.66 Rain 2.25		

Barometer.  
Highest on 31<sup>st</sup> — 30.39  
Lowest on 2<sup>nd</sup> & 7<sup>th</sup> — 29.43  
Range = 0.96  
Mean of Month 29.98  
Gales on 2 days, 7<sup>th</sup> & 21<sup>st</sup>.

Prevailing winds SW,  
S, and SE.

Thermometer.  
Highest on 13<sup>th</sup> — 65°  
Lowest on 24<sup>th</sup> am — 34°  
Range = 31°  
Mean daily range 10.75  
Mean of Month — 52.52  
Slightly above Average.

Fine days 21 in number  
Rain-fall 2.25 Inches.

This was a pleasant month and mostly warm  
for the season, with a salutary interchange of  
fine and showery weather; on the whole a good,  
and healthy month. The warmest October for  
8 years past!

# November 1874.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
Su. 1.	30.33 -32	E 1. E 2. E 2.	47 48 49	Cloudy but a fine drying morn'g, and the entire day the same, more breezy & rather clearer evening. — Fine night.	moon last. Dr 2. AM.	
M. 2.	-25 -23	E 2. ESE 2. ESE 2. & 1.	46 1/2 48 51	Cloudy, and a drying breeze all the day, — rather warmer this after- noon. Mistle evening & night.		
Tu. 3.	-22 -20	SE 1. SW 1. SW 1.	47 1/2 50 56 1/2	Bright and mild mor- ning. — Very fine, warm, bright & lovely day. Little fog in the evening, and night.	(Delightful weather.)	
W. 4.	-23 -25	SE 1. SW 1. SW 0.	42 44 56 1/2	Little fog early, then ve- ry bright and pleasant all the day, and very warm. Close evening and night.	* ♂ ♂ (very spring- like day. Silaces bloom.)	
Th. 5.	-23 -22	SE 0. SE 1. SE 1.	46 49 58	Fog till 8 am, then very bright warm, and pleasant all day, warm evening also, and chiefly clear.	(Lovely day.)	
Fr. 6.	-27 -35	SW 0. S 1. S 0.	48 54 58	Very close & foggy mor- ning, warm & lovely day, at times bright. Close and cloudy eve- ning, & calm.	(continued warm weather.)	
Sat. 7.	-44 -57	W 1. WNW 2. W 1. & 0.	45 48 53	Fog early, then bright all day, very few small clouds. — Clear night, & little frosts.	☐ ☉ ☿ Splendid weather.	
42411			322 382	Mean Temp 50.28! Rain 2.00 over None.		

704 = 8 1/4° above Average.



November 1874.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain.
Su. 8.	30.58 -54	Var. SSW <sub>1</sub> SSW <sub>2</sub> S <sub>0</sub>	32 $\frac{1}{2}$ 35 52	Clear & little frosty morn'g, very bright all day, pleasant, and drying air. Evening cloudy, close and again mild and so in the night.		
Mo. 9.	-47 -31	S $\frac{1}{2}$ S $\frac{1}{2}$ SSW <sub>1</sub>	44 49 56	Close and cloudy, very mild morn'g, and calm. Bright new moon 5.34 a.m. and warm afternoon, warm & pleasant: all blue haze at times. Close evening. (Sun red all p.m.)		
Tu. 10.	-16 -20	W <sub>3</sub> NW <sub>3</sub> NW <sub>2</sub>	48 52 52	Close morn'g, and warm breeze, but wind veered and colder after 10 a.m. Afternoon chiefly bright. Red Sun set. Cold night.		
We. 11.	-19 -02	W <sub>3</sub> WNW <sub>4</sub> WNW <sub>1</sub>	29 30 40	Great change, cleared sky, and keen wind, with frost A.M. very bright all day, but the wind very cold, yet more calm after 3 p.m. (sudden change to cold.)		
Th. 12.	29.93 30.03	NW <sub>3</sub> NW <sub>3</sub> NW <sub>3</sub>	30 34 40	Much snow early A.M. Very unsettled day, sleet showers and sun at times. Blustering evening & heavy showers of rain. Night finer. (much snow. A.M. - Showers of sleet & rain.)	22	
Fr. 13.	29.83 -90	W <sub>3</sub> NW <sub>4</sub> NW <sub>3</sub> 2 & 1.	33 37 42 $\frac{1}{2}$	Frequent rain in fitful showers, & sun at times. Gusts of wind with hail & rain at other intervals. Finer in the night, but no frost.	12	
Sat. 14.	30.14 -20	W <sub>1</sub> NW <sub>2</sub> NW <sub>1</sub>	34 38 44 $\frac{1}{2}$	Clouds and sun, clearer & brighter after 1 p.m., but became cloudy before 3 p.m. Evening chiefly clear.		
42.250			250.5327	Mean Temp 41° 25'.	Rain cal. up 0.34.	

577.5 Below Average  $\frac{3}{4}$  of a Degree.  
And 9 deg below previous week.

November 1874.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 0.34
Su. 15.	30.02 29.83	SW <sub>2</sub> SW <sub>3</sub> W <sub>3</sub>	35 44 49	Overcast and rainy from 7 A.M. till after 9, then finer but cloudy, & wind veered back to N.W. after 3 p.m.; rain again at 8, and 9 p.m.	80 $\frac{1}{2}$	11 10
Mo. 16.	-70 -63	W <sub>3</sub> W <sub>5</sub> W <sub>3</sub> & 2.	40 43 52	Clear, bright, and breezy morn'g, windy day, with clouds & sun. Cloudy & rain at times in the evening, and hard at 8 p.m.		18
Tu. 17.	-70 30.02	WNW <sub>4</sub> NW <sub>5</sub> NW <sub>3</sub> & 1.	42 42 47 $\frac{1}{2}$	Clear & windy morn'g, very bright day, and a bluster 1.53 a.m. ing wind, but became gentle at sunset, & very fine evening. Coloured Sun & Halos. Coloured Halos round the moon.	$\Delta h \delta$	
We. 18.	29.90 -80	WSW <sub>2</sub> WSW <sub>3</sub> SW <sub>4</sub> & 3.	37 50 54	Rain from 5 till 8 a.m., and a very mild morn'g; finer from 8 till noon: but this afternoon rainy, and a blustering evening, but warm.		22 08
Th. 19.	-84 -72	SW <sub>3</sub> WSW <sub>3</sub> W <sub>2</sub> & 1.	46 49 49 $\frac{1}{2}$	Mild & cloudy, but fine till noon, squally afternoon, & some showers. A stormy looking sky in the evening, but moon bright.		06
Fr. 20.	-83 30.04	WNW <sub>2</sub> NW <sub>2</sub> NW <sub>1</sub>	36 $\frac{1}{2}$ 38 45	Clear morn'g, and bright till noon, then cloudy at times but continued fine till the evening, but a little wet after 6 p.m. Fine night, & in part clear.		
Sat. 21.	-16 -18	W <sub>1</sub> NW <sub>2</sub> W <sub>2</sub> & 1.	33 35 43	Clear & slight hoar frost very bright all day, but a keen air, and a clear and frosty evening, and bright, and no wind.		
41.837			269.5340	Mean Temp 43° 53'.	Rain 2 over 1.09	

609.5 Above Average  $1\frac{1}{2}$ .



# November 1874.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 1.09
Su. 22.	30.13 -15	W. NW. NW.	28 30 40	Clear frost & fog below, clear upward, became bright most of the day, & calm. Even clear, but fog below & frosty.	☐ 8 H	
M. 23.	-12 -18	W. NW. NW.	23 23½ 38	Clear, calm, and sharp white frost. Very bright all the day, but very keen air. Some fog in the evening, clear above.	Full moon 5.34 pm.	
Tu. 24.	-22 -24	NW. S. SE.	29 33 41	Less frost & foggy morn., light clouds and sun in the day. Clear evening. Keen frost part of the night. Then changed.		
W. 25.	-10 -04	SE. SSE. SSE.	27 37 40	Cloudy & a change early AM. Very cloudy and a cold wind all day. Evening, and night the same, & little frost.		
Th. 26.	-02 29.96	SE. SSE. SE.	31½ 34 36	Foggy & cloudy with very keen air all day nearly alike. Evening & night the same, and some frost.		
Fr. 27.	-85 -80	SE. SE. SE.	30 33 36½	Hazy, and grey clouds with a little frost, and a very bleak air. Clearer in the night, and more frost.	* 8 H * 94	
Sat. 28.	-72 -65	SE. SSE. SSE.	26½ 27 39	Hard white frost, calm and a little fog in the morn. Overcast and thick all day from 10 am. Cloudy night & change.		
420.18 1952705 Mean Temp 33.25. Rain 1.09						
465.5 = 8¼ below the Average. (carried up -)						

# November 1874.

Nov.	Baro. meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain 1.09
Su. 29.	28.89 -78	SSE. S. SW. WSW.	35½ 49 49	Great change, much rain early, & warmer air. Very stormy day, strong gales and heavy rain from 3 to 5 pm. Lightning 8 pm, fine night.	very wet & boisterous	.61 .30
M. 30.	29.11 -14	S. SSE. SE.	38 41 45	Overcast, till noon, and slight rain at times, the afternoon clearer, & some sun. Evening & night chiefly fine also.	6.29 pm.	.03
115.92 735 94 Mean last 2 days 41.87. Rain 2.03						
Barometer.				Thermometer.		
Highest on the 8 <sup>th</sup> 30.58.				Highest on the 5 <sup>th</sup> & 6 <sup>th</sup> 58°.		
Lowest on the 29 <sup>th</sup> 28.78.				Lowest on the 23 <sup>rd</sup> 23°.		
Range = 1.80				Range = 35°.		
Mean of month 30.01.				Mean daily range = 10° 1.		
Gales on 2 days, the 17 <sup>th</sup> and the 29 <sup>th</sup> .				Mean of month = 42° 06.		
Prevailing winds NW, SW, and SE.				Just about the Average.		
				Fine days 22 in number.		
				Rain fall 2.03 inches.		

This was a month of much variety; Very fine and dry to the 11<sup>th</sup>, and very warm up to the 9<sup>th</sup>. From 12<sup>th</sup> to 19<sup>th</sup> changes, with rain at times. - 20<sup>th</sup> to 28<sup>th</sup>, again very dry with some frosts, although mostly southerly winds. - 29<sup>th</sup> much rain, and strong gales from S, and WSW. The 30<sup>th</sup> an unsettled sky after the storm. The second bloomings of lilacs, violets, pansies, &c - went on in this month till the 11<sup>th</sup>, and violets into December. -



December 1874.

Dec.	Baro. meters	Wind.	Thermom. Min. 8 Max.	Weather, &c.	Notes.	Rain.
Tu. 1.	29.30 -62	WNW <sub>3</sub> W <sub>3</sub> WNW <sub>3</sub> 2 & 1.	37 40 43	Rain from 3 to 7 a.m. then fine & partially bright till noon, afterwards lowering, & some rain. Even <sup>g</sup> cloudy & wind gone.		20
W. 2.	-82 30.01	NW <sub>0</sub> NW <sub>1</sub> N <sub>1</sub>	26 28 38	Clear & frost. AM, continued very bright all day, with a few light clouds. Clear and frosty night, and rather severe.	* ☉ H	
Th. 3.	-72 -74	NW <sub>1</sub> NW <sub>1</sub> W <sub>1</sub>	22 24 35½	Clear & sharper frost, and very white: bright till 11 a.m., afterwards cloudy, with grey fleecy clouds, and red sky at ☉ set.		
Fr. 4.	-73 -02	SW <sub>0</sub> SW <sub>1</sub> SW <sub>2</sub>	28 31 41	Frost, but less sharp. Hazy & calm morning. Very bright all day, few small clouds. Hazy night more mild & breezy.	* ♀ ♂	
Sat. 5.	29.78 -79	SSW <sub>4</sub> SW <sub>3</sub> SW <sub>2</sub>	34 44 51	Mild, cloudy & breezy. Rather clearer P.M., but hazy & thin clouds. Red clouds at ☉ set. Cloudy & breezy night.		
Su. 6.	-62 -41	SW <sub>4</sub> SW <sub>5</sub> W <sub>5-6</sub> 4. 5. 6.	38 47 52	Mild & cloudy morn <sup>g</sup> . More or less cloudy all day, blustering and mild. Set and blowing even <sup>g</sup> from 4 p.m. till 9. 5. Hinner night.		75
M. 7.	-81 -91	W <sub>4</sub> W <sub>5-6</sub> W <sub>4</sub>	34 35 40½	Black and partly clear morn <sup>g</sup> , keen blustering wind all day, bright sun, and few clouds. Hazy during night.	△ ☉ H	
41.748		219301		Mean Temp 37.14. Rain C. up - 35		
520 = 1¼ below Average.						

December 1874.

Dec <sup>r</sup>	Baro- meter	Thermom <sup>r</sup>		Weather, &c.	Notes.	Rain.
		Wind.	Min. 8 a.m. Max.			
Tu. 8.	29.90 -75	S 2. SSE 4. S 4. SW 4.	32 36 50	Cloudy, overcast, and rain at times, very dark day, and rough wind. but warmest after 8pm cloudy & windy night.		0.35 40
W. 9.	28.80 29.53 -75 -80	W 5. NW 6. NW 4. 3.	38 42 43	Blowing & overcast, all the morning, very windy & stormy sky, sun at intervals. Little rain and snow. Eveng. finer.	new moon 0.6 a.m. 60°	03
Th. 10.	-75 -80	NW 2. NW 3. NW 1.	27 28 34	Clear & frost, very bright all the day, and sharp air. The eveng. also clear, and more frost, but a change in the night.		
Fr. 11.	-05 28.82	SSE 4. SE 2. SW 1. S 1.	24 35 41	Overcast, snow & rain from 5 a.m., till near 8. then finer & less wind, but foggy, the afternoon bright & milder. Cloudy night.		21
Sat. 12.	29.03 -20	NW 1. NW 2. NW 2.	34 39 41½	Little rain early A.M. dark, foggy and overcast all day, and inclined to wet. Changeable night, and some rain at times.	△ 9 H	10
Su. 13.	-37 -63	NW 2. NE 3. NE 4.	35 38 41	Cloudy rain at times, coarse, cold and gloomy day. More wind in the Eveng. Some sleet during the night.		17
M. 14.	-82 30.02 41.087	N 3. N 4. N 2.	32½ 34 38½	Sleet showers at times, and little sun, but very coarse, and cold. Rather finer in the evening, but hazy. and a frosty night.		04
				Mean Temp 36.53.	Rain & over 1.30	
				511.5 = 2½° below Average.		



# December 1874.

Dec.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather.	Notes.	Rain 1.30
Tu. 15.	30.08 -08	N <sub>2</sub> NW <sub>2</sub> NW <sub>1</sub>	28½ 29 33	Hear frost, and falls of snow; then very foggy all the afternoon, and some frost in the evening, and part of the night.	Snow.	•
W. 16.	29.72 -85	NE <sub>2</sub> NE <sub>2</sub> NE <sub>2</sub>	27 33 34	Cloudy, less frost after day came on, some snow at times, and little sun between. Heavy snow at 6.40 pm. Finer night.	moon 1 <sup>st</sup> 2 <sup>nd</sup> 0.24 pm. 334 Snow.	•
Th. 17.	30.08 -19	N <sub>1</sub> N <sub>2</sub> N <sub>1</sub>	28 30 37	Gentle frost, clouds & sun, fine forenoon, some snow after 1 pm, but mostly bright. Little sleet in the evening.	Snow.	•
Fr. 18.	-20 -73	NW <sub>1</sub> Var. 0 Var. 0	30 34 37	Clouds & sun, but fine and chiefly bright in the afternoon. 10° varied between S.E. & N.W. & to S. at 8 pm. Frost in the night.	389	•
Sat. 19.	29.88 -81	W <sub>2</sub> WNW <sub>2</sub> NW <sub>2</sub>	27½ 35 37	Frost early, but thawing since 5 am, cloudy and overcast, damp & raw all day. Heavier snow after 2 pm. Frost all night.	* 9h Snow.	•
Su. 20.	-61 -51	NW <sub>4</sub> NW <sub>3</sub> NW <sub>3</sub>	24 30 35	Freezing hard early AM, and keen wind all day, clouds & sun. The PM more overcast. Evening bright moon-light.		•
M. 21.	-46 -62	NW <sub>2</sub> NW <sub>1</sub> NW <sub>1</sub>	26 31 33½	Keen frost, and after 4 am, snow at times, most of the forenoon. Fine afternoon, cloudy & sharp air. Calm & hazy night.	Snow.	•
418.22		1912465		Mean Temp 31° 25. Rain cald up 1.30		
		437.5		7¼ below Average.		

# December 1874.

Dec.	Baro- meter	Wind.	Thermom. Min. 8. Max.	Weather, &c.	Notes.	Rain. 1.30
Tue. 22.	29.82 -91	NE <sub>0</sub> NW <sub>½</sub> NW <sub>0</sub>	27 30 30	Hazy with frost, fog from 9 am, great fog all day & continued frost, more severe in the evening and night, and thick rime.		•
W. 23.	-98 -94	NW <sub>1</sub> NW <sub>1</sub> SW <sub>1</sub>	20 24 31	Severe rime frost, and snow at times from 8 am 4.56 AM. Fine PM, but cloudy and frost all day, and severe night till after 12.	moon Full Snow.	•
Th. 24.	-72 -64	SE <sub>4</sub> SE <sub>2</sub> SE <sub>1</sub>	17 34 3½	Very severe frost early, but changed at 4 am, blustering & cloudy, snow all day, & some of it heavy. Fine & foggy evening & night.	Snow.	•
Fr. 25.	-81 -83	W <sub>0</sub> Var. 0 NW <sub>0</sub>	29 31 35	Very foggy & gentle frost. continual fog in the day & little thaw, but freezing again after 3 pm.		•
Sat. 26.	-98 30.05	NW <sub>1</sub> NW <sub>0</sub> W <sub>1</sub> S <sub>1</sub>	23 27 27	Fog, and sharp frost, bright upward after 10 am, but foggy below and great fog again PM, and all night.		•
Su. 27.	-18 -22	W <sub>0</sub> W <sub>1</sub> NW <sub>0</sub>	26 30 33½	Dense fog and frost, little hail early AM. Fog all day, & some snow PM. Sharper frost all night, and fog below.		•
M. 28.	-30 -30	NW <sub>0</sub> NW <sub>0</sub> NW <sub>0</sub>	12 15 29	Very severe frost, fog, & rime, sun visible, but much fog all day. Clearer night, and the frost very severe.		•
419.68		154220		Mean Temp 26° 71. Rain cald over 1.30		
		374		12° below Average.		



# December 1874.

Dec.	Baro. meter	Wind	Thermom. Min. 8 Max.	Weather, &c.	Notes	Rain. 1:30
Tu. 29	30.29	Var. E. E.	10 1/2 10 1/2	Very severe frost, and clear, continued bright, and calm all day & continued frost. The evening extremely by severe & night, also. 7pm 12 1/2 8pm 11°!		
W. 30.	31	SE 0. 6	8	Extremely severe frost moon last 2 1/2 & clear, but a few distant clouds. More clouds after sunset, & wind rose at 6 pm, but less after 9.		
Th. 31.	25	NW 1. 16	19	Severe rime frost, & great fog all day, trees richly decked with rime. Very severe night, and the rime thicker.		
	30	W 0.				
	181.70		32 25 76	Mean 3 days 18° 08!	Total rain	1.30

Barometer.  
 Highest on 29<sup>th</sup> — 30.32  
 Lowest on 9<sup>th</sup> — 28.80  
 Range — 1.52  
 Mean of Month 29.80  
 Gales on 3 days, 6<sup>th</sup>, 7<sup>th</sup>, & 9<sup>th</sup>.  
 Prevailing winds NW. —  
 snow on 8 days, & Rain on 8.

Thermometer.  
 Highest on the 6<sup>th</sup> — 52° —  
 Lowest on 30<sup>th</sup> — 6° —!  
 Range — 46° —  
 Mean daily range — 10° 11.  
 Mean of month — 31° 47!  
 7 1/2 Days below Average.  
 Fine days 15 in number.  
 Rain-fall 1.30 Inch.

This was the coldest December for 86 years past, or since 1788! And for severity none came near it but Dec 1870, which produced a mean nearly as low. We had very few NW winds this year 1874, till Nov. but then, and in this month a great prevalence prevailed from NW, and many deaths, especially among the very old, took place.

# Summary of the Year 1874.

1874	Winds monthly.								Gales.	Fine days.	Barom.	Therm.	Range	Rain	Thermom.
Month.	E	W	N	S	NE	SE	NW	SW			Mean of month	Mean of month	Mean daily	Rain monthly	Min. Max.
Jan.	0	5	0	5	0	3	4	14	3	23	30.11	40° 50	10° 40	0.78	27° 55°
Feb.	1	4	0	9	1	5	4	3	2	22	30.09	38° 60	11° 66	0.88	21° 53
March.	2	8	1	0	2	2	3	13	4	23	30.23	43° 93	16° 25	0.51	17° 65
April.	3 1/2	5	0	2	3 1/2	5	2	9	4	22	29.98	50° 97	19° 05	1.19	30° 75
May.	2	2	1	0	9 1/2	2 1/2	6 1/2	7 1/2	1	23	30.07	51° 43	19° 70	0.99	32° 74
June.	0	4	2	1	10	6 1/2	1 1/2	5	0	20	30.21	59° 10	19° 86	2.06	37° 81
July.	4	3	0	2	0	9	1	12	0	26	30.12	66° 63	22° 11	0.60	45° 92
Aug.	2	4	0	1	2	3	0	19	1	23	30.04	61° 87	17° 06	1.52	40° 82
Sept.	0	5	0	7	0	6	1	11	3	21	30.02	58° 96	14° 11	2.73	40° 76
Oct.	0	4	0	9	2	6	0	10	2	21	29.98	52° 52	10° 75	2.25	34° 65
Nov.	1	2	0	4	0	7	10	6	2	22	30.01	42° 06	10° 10	2.03	23° 58
Dec.	1	3	2	1	2	2 1/2	16 1/2	3	3	15	29.80	31° 47	10° 11	1.30	6° 52
1874.	16 1/2	49	6	41 1/2	32	57 1/2	50	112 1/2	25	261	30.05	49° 83	15° 01	16.84	6° 92°

The Year 1874 was remarkable for its dryness especially up to Sept 3<sup>rd</sup>; also for the great heat near the end of April, and during all July, and for the excessively cold December. Notwithstanding the drought, it was a very bountiful wheat and Barley harvest, except on the very light soils.



Conclusive Notes on  
the Year 1874. —

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Highest Barom., March 6<sup>th</sup>, 30.76.  
Lowest — do — November 29<sup>th</sup> — 28.78.

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Hottest Day, July 20<sup>th</sup>, Therm. 92°!

Coldest — do — Dec. 30<sup>th</sup>, Therm. 6°!

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Total Rainfall — only 16.84 Inches, which  
is less than half what fell in either 1848,  
1852, or 1860! —

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Fine Days 261, which is 70 more than  
in 1872! —

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Orlando H. H. H. H. H.



