

1863

COB

07

Sarby's Weather System

List of days on which the weather
may reasonably be suspected as liable
to change, most probably towards high
winds, or lower temperature, especially
atmospheric disturbance.

January - 2^d - 10th - 18 & 19 - 30

Especially 18 & 19th with very high
tide on 25th

February - 6th - 13 - 18 & 19 - 26th

From 15th to 20 with be a dangerous period

Especially 18th & 19th full tide about 20th

March - 5th - 12 - 18 & 19 - 25th

From 17 to 20th may be a very rough period.

April - 2 - 8 - 15 to 18 - 22 - 29 -

May - 6 - 12 - 17 to 19 - 26

June - 1, 2, 3 - 8 - 15 & 16 - 23 - 29 -
over

Electric influences are generally
feeble during April, May & June
in the Northern hemisphere.

NB. If the day marked prove calm
and still, distrust the day after,
& especially the second day after.

The worst Cyclones (if they reach us
at all) will be on or about
January 31st - Feb. 28th - Mar. 2nd

"S. M. Saxby

Her Majesty's Ship Devonshire.

Thames - "

7th January 1863

January 1863	Days of the Week	Time of day	Hours of observation	Barometer	Mean of the Barometer	Thermometer in the vestibule	Thermometer at hours of observation	Highest	Lowest	Mean Temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Dry	Wet	Rain or Coasting	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
1	T		9.30	30.10		49	51	33			Overcast		JW				Moon had a reddish halo at 11		
			11	29.86		50													
2	F		9.30	- 64		50	45	43			Overcast	Very high	JW	0.20					
			11	30.33		49						Rain. Fair							
3	T		9.30	29.70		48	43	33			Clear. Cumuli	Very fine	JW						
			11	- 60		48													
4	S		9.30	- 48		48	43	35			Clear		W	0.39					
			11	- 50		48													
5	M		9.30	- 26		48	47	35			Overcast	Rain	JW	0.39		7.21			
			11	- 10		48													
6	T		8.30	- 10		48					Overcast	Went to London							
			11	- 18		48													
7	W		9.30	- 18		48	34	29				White Frost							
			11	- 32		44													
8	T		9.30	- 60		48	38	32			Clear	Dew	JW	0.62					
			11	- 75		46													
9	F		9.30	- 79		44	29	25			Overcast	Thick fog	JW						Wind down & heavy
			11	- 88		45					White frost								
10	T		9.30	- 86		45	38	27			Overcast. Cumuli	Fair	E	0.41					
				30.15		44						Snow & Rain							
11	S		9.30	- 20		43	33	25			Clear. Cumuli	White Frost							
			11	29.77		46													
12	M		9.30	- 90		44	39	35			Overcast	Foggy	NW	0.11					
			11	30.18		44						Mist							
13	T		9.30	29.98		45	44	25			Overcast	Rain		0.48					
			11	- 99		45						Fair							
14	W		9.30	30.20		45	44	35			Overcast		NE	0.05					
			11	- 42		44													
15	T		9.30	- 45		44	40	31			Overcast	Foggy	NE	0.01					
			11	- 46		44						Fair	E						
16	F		9.30	- 40		44	40	34			Overcast	Foggy	NE						
			11	- 35		44													
																2.30			
																10			

1863 January	Day of the week	Sun sets & rises Mons age	Hour Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer at shadow of sun.	Highest	Lowest	Mean- temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap	Rain or Cossins	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants.
17	J		9.30 11.	30.39 - 00	44 44	39	35				Mod. S. Overcast	Foggy Fair	E								
18	S		9.30 11.	29.51 - 46	44 44	43	31				Clear	Rain. Wind Fair	E 0.14								
19	M		9.30 11.	- 55 - 60	46 47	49	30				Currostrate	Wind Fine	NW				0.63				
20	T		9.30 11.	- 39 - 64	47 46	45	39				Currostrate	Hig. Wind Hail Shower Fair	N 0.03			.66					
21	W		9.30 11.	- 74 - 94	45 46	44	29				Overcast	Shower.	SW			.54					<i>Eranthis hyemalis</i>
22	T		9.30 11.30	- 90 - 90	48 49	50	31				Overcast	Windy Fair	SW								
23	F		9.30 11.	- 72 - 97	50 49	53	46				Overcast	Hig. Wind Fine	SW 0.02				0.01				<i>Snow drops.</i>
24	J		9.30 11.30	- 83 30.60	49 48	47	33				Clear Cumuli nimbus	Wind Storm & wind & rain.	SW								<i>Crocus</i>
25	S		9.30 11.	- 28 - 44	48 48	41					Clear	Fine	JW 0.01			.43		Windows dind			<i>Pyrus japonica</i>
26	M		9.30 11.	- 40 - 12	48 49	40	43				Overcast	Fair	W								
27	T		9.30 11.20	- 22 - 50	49 48	40	40				Overcast	Fine	N								
28	W		9.30 11.20	- 60 - 35	46 46	35	29				Clear	White Frost Fine	N			30		Windows & freaming see on the evaporation pan.			
29	T		9.30 11.20	- 00 29.92	48 50	51	37				Overcast	Rain	W								<i>Lemon pippin</i>
30	F		9.30 11.20	- 76 - 50	49 52	51	40				Overcast	Wind Rain	JW			27					
31	J		9.30 11.20	- 56 94	51 50	48	44				Overcast	Rain		0.15							
														2.30							
														2.65							
														10							
														7							

1863	February	Days of the Week	Time of day	Hour	Observation	Barometer	Mean of the Barometer	Thermometer in the vestibule	Thermometer at hour of observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Therm. at Collins	Rain	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
	1	S		9.30		29.90		49	46		37		Overcast	Fair	SW	0.10			33				
				11.20		30.02		48	42														
	2	M		9.30		- 05		49	49		38		Overcast	Wind. Fair	SW	0.03			70	.50			
				11.30		29.97		50						Rain									
	3	T		9.30		- 90		49	48		41		Overcast	Rain Fine	TW	0.13							
				11.30		30.10		49							W								
	4	W		9.30		- 29		49	41		31		Clear. Cumuli	Fair	W	0.04					Windsors Steaming		
				11.40		- 09		49															
	5	T		9.30		- 23		49	40		35		Overcast	Fine	SW	0.01			23				
				11.40		- 39		50															
	6	T		9.30		- 39			50		43		Overcast	Fair	W				35				<i>Laminum rubrum</i>
				10.30		- 40		51															
	7	T		9.30		- 33		51	51		43		Overcast	Fine	W								<i>Crocus tussianus</i>
				11.15		- 25		51															
	8	S		9.30		- 12		51	45		40		Overcast	Fine	N	0.02							<i>Borago orientalis</i>
				11.		- 10		50															
	9	M		9.30		- 27		47	37		27		Clear	White Frost Very fine	N	0.01			20	.32	Windsors Steaming		<i>Thapsi perfoliatum</i> <i>Scilla bifolia</i>
				11.		- 20		47															
	10	T		9.30		- 20		47	44		33		Overcast	Fair	NW								<i>Crocus pale purple</i>
				11.		- 33		48															
	11	W		9.30		- 33		48	46		40		Overcast	Fair	W								<i>Pulmonaria officinalis</i>
				11.		- 30		49															
	12	T		9.30		- 40		49	46		37		Clear cumuli	Very fine	N				20				<i>Pulmonaria mollis</i> <i>Erythronium luteolum</i>
				11.		- 59		49															
	13	T		9.30		- 70		46	33		25		Clear M. S.	White Frost Very fine	N				12				<i>Ficoidago nivescens</i> <i>Ranunculus laciniatus</i>
				11.		- 72		47															
	14	T		9.30		- 72		47	41		25		Clear. cumuli	Very fine	E				12				<i>Polygala chamaebuxus</i> <i>Anthelia purple</i>
				11.		- 64		47					E S.										
																.42							

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1863	February	Day of the Week	Time of day	Hour of observation	Barometer	Mean of the Barometer	Thermometer in shade	Thermometer at the hour of observation	Highest	Lowest	Mean Temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Bar. at 10 a.m.	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
15	S		9.30	30.64	45	34	25					M: S. Clear	White frost Very fine	E				12	Windows streaming		
			11	- 64	45							2. S.		SE					Ice in pan		
16	M		9.30	- 64	45	32	21					M: S. Clear	Very fine	SE				12	Ice in pan		
			11	- 68	45																
17	T		9.30	- 60	44	32	21					M: S.	White frost Very fine	SE				7	Ice in pan		
			11	- 66	45																
18	W		9.30	- 60	43	33	20					Overcast	White frost Fog. Fine	N				13	Ice in pan		
			11.	- 52	45									W							
19	T		9.30	- 50	45	43	30					Overcast	Foggy Rain	N	0.12						
			11	- 49	47																
20	F		9.30	- 47	47	42	39					M: S. Overcast	Fair.	NE	0.04						Ranunculus Ficaria
			11.	- 44	48																
21	T		9.30	- 44	46	35	27					Clear. M: S	White frost Fine	SE				3	Ice in pan than windows closed		Ribes rubrum Arabis rosea Mahonia
			11.	- 40	48																
22	S		9.30	- 30	48	43	33					Clear	Fine	N							
			11.30	- 43	48																
23	M		9.30	- 42	48	44	30					Clear. App. Cumuli	Fair	E	0.02	43	41	- 22			
			11.30	- 40	50																
24	T		9.30	- 40	50	48	42					Overcast	Foggy	E		46	45				Vines breaking in house Raspberries budding
			11.																		
25	W		9.30										Went to Fonda for the day								
			11																		
26	T		9.30										Fine	NE							
			11	30.45	52																
27	F		9.30	30.42	51	40	32					Overcast	Very fine			47	44	68			
			11.	- 35	51																
28	T		9.30	- 35	50	40	29					M: S. Clear	Very fine			40	29		Windows streaming		apricots in bloom
			11.	- 25	51																
																				</	

1863 March	Days of the Week	Time Sets of Wind & Direction	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer out in air	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Sun	Wet	Wet	Rain at Corvins	Miscellaneous Observat.	Observat. relating to animals	Observat. relating to Plants
1	S		9.30	30.08		50	47	35			Overcast	Fair	E		48	44					Leucojum pulchellum Double Lilac primrose Alysum saxatile Narcissus. Pseudonarcissus Peaches not in bloom
2	M		12.	- 05		52	53	39			Cirri	Rain Fine	SW	0.03	50	49					
3	T		9.30	- 00		52	50	40			Clear	Very fine	J		50	45					
4	W		9.30	- 54		53	48	38			Cirrostrati				48	45					
5	T			29.80		56						Very fine	SE						Heavy dew		
6	F		11.20	- 67		54	50	30			Overcast	Wind & Rain	SE		51	48					
7	T		9.40	- 70		52	46	38			Overcast	Fair. Rain	SE	0.15	45	42					Pyrus japonica white
8	S		9.40	- 70		50	40	31			Clear. Cirrostrati. a little snow		SW	0.01	40	38		Windows streaming			Munrovia polifolia Corydalis corymbosa White violets & Hepatica
9	M		9.40	- 73		49	38	26			Clear. Plumage Cirri strati fine	Fair	NE	0.04	37	36	0.42				Erythronium Helleborus viridis Wild Strawberry Erythronium
10	T		9.40	- 50		46	37	35			Overcast MS	Fine	SW		37	35		Windows dew			Bears canis wh
11	W		9.30	- 62		46	38	31			Overcast M: S	Fine	E		35	34					
12	T		9.30	- 51		45	45	28			Overcast	Rain	SE	0.01	41	40					12.30 night 3 reports heard windows rattled Heavy mists at 1 hour low
13	F		9.30	- 38		45	41	27			Cirri cirrostrati	Heavy dew Fine	SE	0.10	40	39					
14	T		9.30	-		46	45	24			Overcast	Fair Rain	SE		43	41			Windows dew		
15	S		9.30	- 35		49	40	33			Overcast	Rain Fair	NE	0.14	39	39					
16	M		9.30	- 93		46	44	32			Clear cumuli		NE	0.03	43	40	0.30				
			10.40	30.20		46															

1863	March	Days of the Week	Therm. Fels. 9 a.m.	Therm. age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer at the top of observation	Thermometer at the foot	Thermometer at the top	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Day	Wet	Wap	Rain at Collins	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
17	T		9.30	30.28		45	41	30				Clear. Cumuli	Very fine	NE		40	39					
			11.	- 27		45																
18	W		9.30	- 10		45	41	25				Mr. J. Clear	Very fine	NE		39	38				White Butterflies seen.	
			10.40	- 10		45						Cumuli										
19	T		9.30	- 16		45	43	31				Clear Cumuli	Fine very	N		42	39					
			10.40	- 20		47																
20	F		9.30	- 27		47	49	35				Overcast	Fair	NW	0.03	47	46					
			10.40	- 00		40																
21	T		9.30	- 13		49	49	42				Overcast	Wind high	N		47	44					<i>Tussilago Petasalis</i>
			11.	- 32		50																
22	S		9.30	- 44		48	44	26				Mr. J. Clear	Fine	N		44	42			Little weeds		<i>Ruscus - Potentilla alpina</i> <i>Helleborus foetidus</i> <i>Corchorus Japonicus</i>
			11.	- 45		50																
23	M		9.30	- 50		50	47	35				Overcast	Fine	E		44	43			Small London		<i>Rhododendron Russellian.</i> <i>Naxosia morphalis</i> m. m. m. <i>Contra Duffodil. Pulmonaria</i> <i>Gucigum pulchellum</i> <i>Perkins</i> <i>Japania</i> <i>Yucca asplenifolia</i> <i>Yucca major. Yucca variegata</i> <i>Yucca colorata</i> <i>Polygala Chamaecrista</i> <i>Cynoglossum omphalodes</i> <i>Lamium maculatum</i>
			10.30	- 50		52								NW								
24	T		9.30	- 55		52	52	38				Clear. Cumuli	Fine	NW		51	47					
			11.	- 60		55																
25	W		9.30	- 60		53	50	31				Mr. J. Clear	Very fine	W		47	46					
			10.40	- 50		55						Cumuli										
26	T		9.30	- 48		54	50	36				Clear	Fine	N		51	47					
			11.	- 44		54																
27	F		9.30	- 50		52	48	31				Overcast	Fine	N		46	42					
			11.	- 30		53																
28	T		9.30	- 10		53	55	41				Cumuli	Wind	W		53	49					
			11.	- 02		55																
29	S		9.30	29.96		54	47	44				Overcast. Rain	Fine	NW		48	47					
			10.30	30.05		54																
30	M		9.30	- 15		54						Clear. Cumuli	Fine	N	0.01	44	41					<i>Anemone stellata</i> scarlet
			10.30	- 20		54																
31	T		9.30	- 30		52	46	39				Overcast	Fine	N		51	48					<i>Anemone stellata</i> purple
				-		54																

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April

Days of the week	Time sets & rises & moon's age	Hourly observation	Barometer	Mean of the barometer	Thermometer in the shade	Thermometer at the height of observation	Thermometer on the body	Highest	Lowest	Mean Temperature	Modification of the clouds	General appearance of the weather	Direction of the Wind	Rain	Dry	Wet	Drop	Rain at Cassins	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
W		9.30	30.27		51	49		24			Clear	Very fine	SE		48	43			Ice on trees		Black thorn
		11	- 15		52																
T		9.30	- 20		50	48		26			Clear	Very fine	E		46	42				Brimstone butterfly	
		11	- 29		52															Water Wagtail	
F		9.30	- 32		50	47		27			Overcast Cirro cumuli	Very fine	SE		44	44					Wine sour plum b
		11.	- 26		53																
T		9.30	- 12		52	50		38			Overcast	Fine	W		48	44					Scilla italica
		11	- 08		52																Double lilac primrose
S		9.30	- 01		52	50		34			Overcast	Fine	W		48	45					Horse chestnut in leaf.
		11.	29.89		53																Corydalis bulbosa
M		9.30	- 80		53	53		45			Overcast	Fair Wind	JW		52	48					Double white primrose
		11.	- 61		53																Narcissus propinquus
T		9.30	- 60		53	50		39			Clear Large cumuli	Rain Fair	W	0.04	48	44			Heavy shower by the Church.		First frost
		11.	- 64		53																Phytolacca rugulosa
W		9.30	- 80		52	52		33			Cirri	Rain Fair	W	0.06	40	35					Deutzia
		11	- 78		53																Aspidistra canadensis
T		9.30	- 88		52	58		45			Overcast	Fair	JW	0.08	54	52					Van gues primrose
		11	- 92		55																Trillium europaeus
F		9.30	- 93		55	57		49			Overcast	Fair		0.03	55	53					Stelochra spectabilis
		10.30	- 99		48						Rain										Hyoscyamus scopoli
S														0.16	56	48					Populus triloba
S		9.30	30.64		48	52		46			Overcast	Foggy	E	0.4	50	48					Tulium glandiflora
		11.30	- 10		58																Anemone nemorosa
M		9.30	- 10		58	59		42			Clear Cirro-cumuli	Fine	E		54	49					Scilla romana
		11.	- 10		58																Fritillaria meleagris white
T		9.30	- 10		56	51		36			Overcast	Fine	E		47	45					Fritillaria pyrenaica
		11.15	- 06		56																Pulmonaria virginica
W		9.30	- 09		55	53		34			Cirrus & Cirro-cumuli	Very fine	SE		50	47					Tulipa sylvestris
		11.20	- 12		56																Anemone pulsatilla
					</																

Little vetch
Powder mills at Park explosion
heard.

1863	April	Days of the Week	Time of day	Hourly Observation	Barometer	Mean of the Barometer	Thermometer in shade	Thermometer at hour of observation	Thermometer an hour past	Highest	Lowest	Mean temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rein	Sky	Wet	Wasp	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
	16	T		9.30	30.10		56	54		41			Overcast	Foggy Very fine			51	49				
				11.20	- 15		59															
	17	F		9.30	- 23		59	57		39			Clear Fibrous Cirri	Fine	E		54	50			Little vibs	
				11.	- 24		57															
	18	T		9.20	- 32		57	59		43			Overcast	Very fine	SE		55	51				Narcissus angustifolius
				11.	- 38		57															
	19	S		9.20	- 32		57	56		32			Clear	Very fine	SE		52	48			Little vibs	Wistaria chinensis
				11.	- 14		57															
	20	M		9.30	- 07		56	59		39			Plumose Cirri	Very fine	W		56	52				Leucojum aestivum Phyllanthus triloba orchids
				11.	29.98		57															
	21	T		9.30	- 99		57	59		36			Clear. Cumuli	Very fine	W		56	51				Jasifraga cordifolia Helena gracilis Eryanthus albiaria
				11.20	- 96		57															
	22	W		9.30	- 88		57	56		40			Overcast	High wind Very fine	W		55	53				auluba japonica D. Cothurni at Cassins
				11.	30.00		57															Pulmonaria mollis
	23	T		9.30	- 10		56	53		30			Cumuli Cirrostrata	Very fine	NE		52	47			Nightingale heard	Pergian lilac Chelidonium majus Ranunculus gramineus Myosotis lupulina Papaver cambricum Saxifraga aizoides Geranium crinitum Anemone hepatica Ranunculus acris Medicago maculata Geum elaeagnifolium Geranium phaeum
				11.	- 40		55														Cuckoo heard	
	24	F		9.30	- 50		54	53		30			Clear Cumuli	Very fine	N		50	44				Trifolium pratense Cabbages Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
				11.	- 46		56															
	25	T		9.30	- 45		56	56		34			Overcast	Fine	N		54	51			Fusoides parapsis	
				11	- 40		58															
	26	S		9.30	- 40		57	60		36			Clear Cumuli	Very fine	NW		57	52				Trifolium pratense Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
				11.	- 30		58															
	27	M		9.30	- 22		58	62		39			Clear	Fine	W		60	53				Trifolium pratense Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
				11.20	- 16		57															
	28	T		9.30	- 00		57	50		44			Overcast	Wind. Showers	NW		49	45				Trifolium pratense Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
				11.20	29.92		57															
	29	W		9.30	- 96		55	47		36			Overcast	Spitting Shower Fair	NE	0.01	45	41				Trifolium pratense Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
				11.20	30.10		54															
	30	T		9.30	- 26		53	50		35			Cumuli		NE	0.02	47	44				Trifolium pratense Dias pale petala Pink Kushania Rorippa nasturtium Lactuca palustre Verbena japonica Silybum maritima
					- 32		52															

1863

May

Days of the Week

Sun rises & sets Moon's age

Hour of Observation

Barometer

Mean of the Barometer

Thermometer in the Shade

Thermometer in the Sun

Highest

Lowest

Mean temperature

Modification of the Clouds

General appearance of the Weather

Direction of the Wind

Rain

Dry

Wet

Wap.

Miscellaneous Observations

Observations relating to Animals

Observations relating to Plants

1

F

9.30

30.34

51

40

27

Overcast

Foggy fine

E

0.22

46

43

Smell London

Little fine

Asperula odorata

11.30

- 31

52

55

20

Clear Cumuli

Very fine

E

52

47

11

Little weeds

amongst large plants

Reseda phylicifolia

2

J

9.30

- 26

52

55

20

Clear

Most beautiful

NE

53

49

11

Little weeds

about 1000

Dodecatheon Meadia

11.20

- 16

53

58

35

Clear

Most beautiful

NE

53

49

11

Little weeds

about 1000

Ranunculus acris

3

S

9.30

- 10

53

58

35

Clear

Most beautiful

NE

53

49

11

Little weeds

about 1000

Ranunculus acris

11.30

29.99

53

58

35

Clear

Most beautiful

NE

53

49

11

Little weeds

about 1000

Ranunculus acris

4

M

9.30

-

56

61

45

Overcast

Fair

E

57

53

Little weeds

about 1000

Ranunculus acris

5

T

11.

30.11

58

60

30

Clear Cumuli

Fine

NW

56

52

60

Little weeds

about 1000

Ranunculus acris

6

W

9.30

- 12

58

60

30

Clear Cumuli

Fine

NW

56

52

60

Little weeds

about 1000

Ranunculus acris

12.

- 14

57

53

43

Overcast

Fine

N

56

53

34

Little weeds

about 1000

Ranunculus acris

7

T

9.30

- 25

59

53

43

Overcast

Fine

N

56

53

34

Little weeds

about 1000

Ranunculus acris

11.20

- 40

60

53

43

Overcast

Fine

N

56

53

34

Little weeds

about 1000

Ranunculus acris

8

F

9.30

- 50

57

46

31

Clear Cumuli

Very fine

E

51

47

72

Little weeds

about 1000

Ranunculus acris

11.15

- 36

58

46

31

Clear Cumuli

Very fine

E

51

47

72

Little weeds

about 1000

Ranunculus acris

9

J

9.30

- 23

57

61

33

Foggy

Very fine

E

55

52

19

Little weeds

about 1000

Ranunculus acris

11.20

- 09

59

56

40

Overcast

Fine

NE

54

50

11

Little weeds

about 1000

Ranunculus acris

10

S

9.30

- 00

58

56

40

Overcast

Fine

NE

54

50

11

Little weeds

about 1000

Ranunculus acris

11.20

- 11

58

56

40

Overcast

Fine

NE

54

50

11

Little weeds

about 1000

Ranunculus acris

11

M

9.30

- 14

57

47

37

Clear Fibers

Fair

TW

54

49

17

Little weeds

about 1000

Ranunculus acris

11.30

- 00

57

47

37

Clear Fibers

Fair

TW

54

49

17

Little weeds

about 1000

Ranunculus acris

12

T

9.30

29.92

57

50

47

Overcast

Wind rain

TW

0.07

53

52

08

Little weeds

about 1000

Ranunculus acris

11.30

- 77

58

50

47

Overcast

Wind rain

TW

0.07

53

52

08

Little weeds

about 1000

Ranunculus acris

13

W

9.30

- 76

58

59

43

Cumuli

Fine

TW

0.13

57

54

Little weeds

about 1000

Ranunculus acris

11.

- 86

58

59

43

Cumuli

Fine

TW

0.13

1863

May	Days of the Week	Time of day & set	Mean of day	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer in the sun	Thermometer on the body	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap.	Miscellaneous Observations relating to Animals	Observations relating to plants.
17	S		9.30	29.90		58	58	66	45	Overcast	Fair	JW	0.4	55	53	.4	Saw the eclipse of the Sun	<i>Linaria multicaulis</i> <i>Geranium angustifolium</i> <i>Geranium tomentosum</i> <i>Geranium pardalinum</i> <i>Dianthus</i> <i>Pancratium illyricum</i> <i>Elymus setiflorus</i>
18	M		9.30	30.00		58	59	64		Overcast	Foggy	SE		54	52	.11	Smell London	
			11.30	- 01		58					Wind Fair	NE						
19	T		9.30	- 00		56	46	73	41	Overcast	Wind Rain	E	0.35	45	45			<i>Lupinus perennis</i> yellow
			11.30	- 05		55					High wind							<i>Lupinus</i>
20	W		9.30	- 14		54	55		41	Overcast	Fair	E	0.30	45	45			<i>Ornithogallum</i> <i>Echtholzia</i> orange
			11.15	- 23		54					Rain							
21	T		9.30	- 25		54	55		45	Overcast	Foggy	E	0.25	52	51			<i>Bunias cruciata</i> <i>Scabiosa</i>
			11.15	- 27		55					Fair							
22	F		9.30	- 20		54	52	61	33	Overcast	Fair	E		40	44	.7		<i>Cerastium ochroleucum</i> <i>Salvia hornemannii</i> ultra
23	T										Fine	NE						<i>Eryngium yuccifolium</i> <i>Symphylitum</i> <i>Ornithopus perpusillus</i> ? <i>Pyrola rotundifolia</i> <i>Ranunculus</i>
			10.45	29.97		55					Went to London							
24	S		9.30	-		54	56	66	30	Clear	Very fine	NE		51	47	22	Little web	
			11.15	- 99		57				Clear	plumose line & cumuli							
25	M		9.30	30.02		55	65	52	37	Overcast	Rain	NE		49	46	10		<i>Dianthus deltoideus</i> <i>Neurasiopetalum</i> red <i>Dianthus</i>
			11.15	- 11		55				Overcast	Fair						Pewee.	
26	T		9.30	- 22		54	57	63	33	Clear	Very fine	NE		51	47	10		<i>Linaria amaryllidis</i> lutea
			11.15	- 33		56												
27	W		9.30	- 34		55	63	60	34	Clear	Most beautif	NW		59	53	14		<i>Allium noly</i>
			11.15	- 30		56												
28	T		9.30	- 30		57	63	73	44	Clear	Most beautif	NW		59	54	22		<i>Isis xiphium</i> & blue
			11.15	- 40		61				Clear	Cirro cumuli							
29	F		9.30	- 39		61	65	75	49	Clear	Most beautif	W		62	59	25		First pear
			11.15	- 33		65												
30	T		9.30	- 33		64	73	79	53	Overcast	Fine	W		67	62	27		Wheat getting rust
			11.15	27		64												
31	S		9.30	28		64	59	79	56	Overcast	Fine	E	0.01	66	64	14		
			11.15	- 30		64												

1.66

1863	June	Days of the Week	Sup. rises & sets	Moon's age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer at the hour of observation	Thermometer on the point	Highest	Lowest	Mean temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap.	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
1	M		9.30	30.38		62	66	79	43		Clear. Cumuli	Very fine	W	59	54	.6						Saw something of the eclipse of the Moon	Papaver orientale, bracteale Lambertia speciosa Aconitum napellus Borrago inofficinalis Linum. catharticum
2	T		9.30	- 27		62		79	39		Clear	Very fine	W	63	57	23							Salvia pratensis - Raposa Androsa. italica - Scabiosa Syrinchium - Macropogon. Liliis Vicia 12. Linaria multicaulis Geranium lucidum Hieracium - bifurcatus Mastigophora. polygama hirsuta
3	W		9.30	- 14		64	73	80	42		Clear. Cirrostrati & Cumuli	Very fine	W	60	60	36						Rest on the Chicago wheat	Thym. capit. d. Geranium Androsa. VI. Geranium Salvia VIII. Gum. 12. Centaurea
4	T		9.30	- 10		65	67	84	53		Clear. Cumuli	Very fine	W	62	55	34							Ornithogalum from the Crimea Dios. pterocarpus Atropa belladonna Small pink from far
5	F		9.30	- 16		63	62	78	43		Overcast	Rain	W	60	57	25							Diocleamus alba Diplostaxis tenuifolia Allium sibiricum Phalaris liliastrium major Vicia cathartica Paeonia esculenta var. carica Geranium macranthemum Sparg. alba Elephantopus alpinus Sedum purpureum Hemerocallis Bulbine perfoliata Hamamelis virginica
6	T		9.30	- 65		62	58	78	50		Clear. Cumuli Nimbi	Shower Fine Rain	W	0.79	54	53							+ 4 in the pan
7	S		9.30	- 61		61		70	47		Clear. Cumuli Nimbi	Shower Fine	SE	0.15	59	53	9						
8	M		9.20	- 61		61	60	68	47		Clear. Cumuli Nimbi	Shower	SW	0.04	59	54	20						
9	T		9.20	- 90		60	63	68	46		Clear. Cumuli Nimbi	Spitting	SW	0.05	58	54	21						Went to London
10	W		9.20	- 70		61	68	68	48		Overcast	Overcast Fine	SE	0.08	60	57	14						
11	T		9.20	- 70		63	64	75	47		Clear. Cumuli Nimbi	Very fine	SE	0.03	60	54	20						
12	F		9.20	- 57		60	58	75	46		Clear. Cumuli	Shower	JW	0.48	56	52	9						
13	T		11.20	- 63		63									Fine Showers	SW							Went to London
14	S		9.30	- 16		61	63	67	43		Overcast Cirrostrati	Shower	JW	0.25	61	56	18						
15	M		9.30	- 13		63	63	73	55		Clear. Cumuli	Fair	NW		63	58	16						

1863	June	Days of the Week	Sun rises & sets	Moon's age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer at the hour of observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wsp	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
16	T		9.30	30.10		62	63	72	40				Overcast	Spitting Fair	W	0.01	60	58	17			<i>Dianthus barbatus</i> <i>Lathyrus grandifolius</i> <i>Tea-rose alba</i> <i>Wattle tree</i> <i>Scabiosa Scopolii</i> <i>Malva moschata</i> <i>anagallis</i> <i>anemone nemorosa</i> <i>Trifolium repens</i> <i>Polygonum bistorta</i> <i>Belamcanda chinensis</i> <i>Gilia capitata</i> <i>Vicia villosa</i>
17	W		9.30	-01		62	63	69	52				Clear. Cumuli. Fine		W	24	60	56	+5			<i>Libertia formosa</i> <i>Cynoglossum officinale</i> <i>Polystichum palmatum</i> <i>Adonis autumnalis</i> <i>Toluna formosa</i> <i>Podalium</i>
18	T		9.30	-04		63	65	75	45				Clear. Cumuli. Fine		W		60	58	20			<i>Nigella arvensis</i> <i>Baeria cheyostoma</i> <i>Tagetes</i> <i>Calliandra latifolia</i> <i>Coria latifolia</i> <i>Artemisia</i> <i>Phacelia tanacetifolia</i> <i>Thalictrum germanicum</i> <i>Ornithogallum pyramidalis</i> <i>Silene acaulis</i> <i>Orchis latifolia</i>
19	F		9.30	-70		63		78	54				Overcast	Fog. Rain	E	55	55	55				<i>Delphinium formosum</i> <i>Lathyrus sylvaticus</i>
20	T		9.30	-80		64	66	72	51				Clear. Cumuli. Fine		NE	0.03	61	57	10			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
21	S		9.30	-14		64	68	74	48				Overcast. Cumuli. Fine		SW		65	59	15			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
22	M		9.30	-16		64	65	76	55				Overcast	Very fine	SW		61	59	25			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
23	T		9.30	-20		65	70	77	56				Clear. Cumuli. Very fine		W		68	65	16			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
24	W		9.20	-24		65	66	84	56				Overcast	Rain	W		63	58	29			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
25	T		9.20	-24		66	63	79	55				Overcast	Very fine	W	0.35	61	57	5			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
26	F		9.30	-30		66	70	79	46				Clear. Cumuli. Fine		W		65	59	19			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
27	T		9.30	-11		64	63	78	50				Overcast	Spitting Fine	W	0.03	60	57	22			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
28	S		9.30	-11		63	62	73	45				Overcast	Very fine	W	0.02	60	54	20			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
29	M		9.30	-		63	65	72	46				Clear. Cumuli. Very fine		W		61	54	20			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>
30	T		9.30	-33		63	62	64	45				Overcast		W		61	56	21			<i>Veronica australis</i> <i>Hypericum</i> <i>Centaurium</i> <i>Cheilanthes</i> <i>Oxalis</i> <i>Gnaphalium</i> <i>Reseda</i> <i>Acacia</i> <i>Lathyrus</i> <i>Trifolium</i>

1863	July	Days of the Week	Supersaturation	Hours of Observation	Barometer	Mean of the Barometer	Thermometer at the vestibule	Thermometer at hour of obs.	Highest	Lowest	Mean Temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wasp	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
1	W				30.46 - 26	63	67	72	41			Clear Cirrocumuli	Fine	SW		.63	.56	22			Very dark poppy, this morning Sweet peas Eutola viridula
2	T				- 20 - 20	64	68	70	53			Circumuli Cirrocumuli	Spitting Very fine	SW		.63	.50	40			Galega. lilas Lavatera
3	F				- 27 - 32	65	68	70	49			Clear. Cumuli	Very fine	SW		.64	.58	26			Alyzonia II White Centaurea
4	T				- 38 - 40	65	70	80	46			Overcast. Fog	Very fine	E		.63	.58	10			White Malva Hedys lanata
5	S				- 41 - 43	65	73	83	51			Clear. Cumuli	Very fine	E		.68	.64	20			Nuphar a. doerni Fuchsia in V Agrimonia
6	M				- 43 - 30	65	73	84	49			Clear	Very fine	E		.68	.61	22			Linaria tristis Linum usitatissimum Silene alba var. folia
7	T				- 20 - 24	68	75	85	54			Clear. Cumuli Cirrocumuli	Very fine	NE		.71	.65	37			Agrostemma Githago Oxalis corniculata Vicia hirsuta
8	W				- 29 - 33	68	76	83	50			Clear. Cumuli	Very fine	NW		.65	.60	37	Little webs		Scrophularia Scorodonia Pteris aquilina Silene carolinensis
9	T				- 39 - 40	67	63	79	51			Clear	Very fine	W					Little webs Went to London		Saturea thymifolia Collomia grandiflora Lupinus albus Lupinus angustifolius Polemonium Asarum canadense Nigella arvensis
10	F				- 48 - 50	68	73	85	47			Clear	Very fine	W		.69	.61	38			Lupinus albus Lupinus angustifolius Polemonium Asarum canadense Nigella arvensis
11	T				- 52 - 50	68	76	88	47			Misty Overcast Cumuli	Very fine	SW		.60	.61	26	Little webs		Centropogon Cichorium Kaulfussia amurensis Asclepias syriaca Glycythiza leytis Sphenoglyme adnata
12	S				- 50 - 52	69	77	89	49			Clear	Very fine	NW		.70	.62	21	Little webs		Anoda deltoidea Linnia Helleborus Calyptrogon Nicaea Sedum
13	M				- 57 - 58	68	67	88	57			Overcast	Very fine	NW		.64	.60	19			Linnia Helleborus Calyptrogon Nicaea Sedum
14	T				- 56 - 45	67	70	79	45			Clear	Very fine			.64	.58	15	Little webs		Sedum Linnia Helleborus Calyptrogon Nicaea Sedum
15	W				- 40 - 30	68	70	79	46			Clear. Cumuli	Very fine			.64	.60	23	Little webs		Linnia Helleborus Calyptrogon Nicaea Sedum
16	T				- 30 - 03	68	71	90	55			Overcast				.63	.57	26			Valeriana Sedum

1863	July	Day of the Week	Sum rises & sets Mean age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer at hour of observation	Highest	Lowest	Mean Temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wet Group	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
17	F		11.		30.03		67														<i>Gentiana asclepiadea</i> <i>Kuhnia</i> <i>Silphium</i> <i>Dipsacus sylvestris</i>
18	S		9.30		29.95		62	59	70	41		Overcast	Very fine	NW		55	50	26			
			11.		30.06		62														
19	S		9.30		- 10		61	64	60	35		Clear. Cumuli	Very fine	JW		59	51	20			
			11.15		- 01		62														
20	M		9.20		- 00		61	64	73	46		Clear. Cumuli	Very fine	NW		59	53	28			
			11.30		29.91		63														
21	T		9.30		- 51		62	61	75	43		Overcast	Spitting	SW		50	56	19			<i>Bartonia aurea</i>
			11.15		- 73		64														
22	W		9.30		- 66		64	65	66	49		Overcast	Rain Showers	JW	.52	63	60				<i>Blitum purpurascens</i>
			11.20		- 96		64														
23	T		9.30		30.00		63	64	69	46		Clear. Cyro cumuli	Fine	NW	.11	61	55	20			<i>Madaria conglobosa</i>
			11.20		- 14		64														
24	F		9.30		- 23		62	63	70	41		Clear. Cumuli	Fine	NW		64	60	25			<i>Kuhnia vitifolia</i>
			11.20		- 22		64														
25	T		9.30		- 10		64	60	71	50		Clear. Cumuli	Fair	SW		65	59	27			<i>Nicanthaphysaloides</i> <i>Silene livida</i>
			11.15		- 13		64						Rain								
26	S		9.20		- 23		62	60	70	43		Clear. Cumuli	Very fine	NW	.31	56	52	5	Little webs		<i>Pumantbes purpurea</i> <i>Carduus aculeis</i>
			11.00		- 32		64														
27	M		9.30		- 32		63	70	70	43		Clear Cumuli	Very fine	NW		63	58	23	Little webs		<i>Agrostis rosea</i> <i>Nicotiana</i>
			11.30		- 33		64														
28	T		9.30		- 22		63	72	81	44		Clear Cumuli	Very fine	NE		64	58	24	Little webs		<i>Solanum</i>
			11.20		- 16		66														
29	W		9.30		- 16		65	70	76	47		Clear Cum.	Very fine	NE		64	59	30	Little webs		<i>Silene</i> <i>Achillea Ptarmica</i>
			11.30		- 20		67														
30	T		9.30		- 30		65	69	86	50		Overcast	Very fine	NW		62	54	27			<i>White Malva</i> <i>Scorzonera tinctoria</i> <i>Helianthus abrotanifolius</i>
			11.30		- 39		65														
31	F		9.20		- 39		63	60	82	40		Clear Cumuli	Very fine	E		61	55	21			<i>Anemone margaritacea</i> <i>Fuchsia laxifolia</i> <i>Echinops spicatus cephalo</i>
			11.30		- 39		66														
															0.94						

1863
August

Days of the Week	Sun rises & Sets Moon's age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the Shade	Thermometer in the Sun	Highest	Lowest	Mean Temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
T		9.30	30.28		64	70	78	46		Clear. Fibrous Cumuli	Very fine	E		65	58	22			Lophospermum frondosum Calceola frutescens Anagallis capilla Ononis eriophorum Andryala lanata Dianthus deltoides Heulfussia amellodes Paeonia clausica Dianthus arenarius Calendula Xanthoxylum insignis
S		11.30	- 20		64					Clear Cumuli	Very fine	S	0.05	67	63	20			
		9.20	- 13		65	70	83	50											
		11.30	- 17		68														
M		9.20	- 17		67	71	83	56		Overcast Numbi	Very fine	JW		67	62	30			
		11.20	- 18		68														
T		9.30	- 10			72	83	53		Clear Cumuli	Very fine	JW		67	62	25			
		11.20	- 04		69														
W		9.30	- 03		66	63	76	55		Overcast	Very fine	W	0.06	61	58	15			Heracium Sternbergii Spiraea Leptandra virginica Salvia glutinosa Cenothera four spots
		11.30	- 03		68														
T		9.30	- 03		67	66	75	57		Overcast	Very fine	SW	0.10	65	62	14			
		11.20	- 10		68														
F		9.30	- 14		68	73	75	55		Overcast Cumuli	Very fine	SW	0.02	69	66	25			Agrostemma Githago Thistle blue
		11.30	- 26		70														
T		9.30	- 27		76	73	81	61		Clear Cumuli	Very fine	JW		70	66	20			Erigeron heterophyllum Helianthus hirsutus
		11.20	- 24		70														
S		9.30	- 25		70	70	81	54		Overcast Cumuli	Very fine	S		67	64	20			Lupinus nanus Helianthus latiflorus Blue flowered
		11.20	- 25																
M		9.30	- 25			72	86	60		Overcast Cumuli	Very fine	NW		69	64	33			Tetragonolobus Fleignosus
		11.20	- 20		72														
T		9.30	- 15		70	70	86	56		Cumuli	Very fine	W		66	65	35	Shooting stars seen between 9 & 10		Helianthus mollis
		11.20	- 16		70														
W		9.30	- 22		67	66	78	45		M.S. Foggy	Very fine	E		63	57	30			Carduus marianus
		11.30	- 16		68														
T		9.30	- 10		67	70	80	48		Clear Cumuli	Very fine	E		66	62	20	Little webs		
		11.30	- 15		70														
F		9.30	- 16		69	74	86	56		Clear Cumuli	Very fine	W		67	63	24			Cotichium autumnal
		11.30	- 10		69														
T		9.30	- 00		69	71	86	53		Overcast Cumuli	Very fine	W		68	66	25			
		11.30	- 00		71														
S		9.30	- 01		69	70	83	57		Clear Numbi	Spitting	W		66	64	35			Taponaria officinalis
		11.30	29.99																

1863 August	Days of the Week	Days of the Month	Hours of Observation	Barometer	Mean of the Barometer	Thermometer in the shade	Thermometer at foot of thermometer	Highest	Lowest	Mean Temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
17	M		9.30 11.30	29.91 - 90		63	79	52			Clear & Cumuli Shower Fine	E	0.14	61	57	23		Saw rainbow about 5.		Tritoma uoaria
18	T		9.20 11.30	- 94 30.25	65	61	72	48			Overcast. Cumuli	Rain Fine	NE	0.08	58	55	20			
19	W		9.20 11.30	- 25 29.90	64	55	80	51			Overcast	Rain Fine	W	0.07	54	54	10			Colchicum autumnale variegated
20	T		9.20 11.30	30.08 - 21	63	60	64	48			Clear. Cumuli	Fine	E	0.16	58	55	4			
21	F		9.20 11.30	- 28 - 26	61	61	64	41			Clear Cumuli Cirrocumuli	Fine	NE		57	53	17			
22	T		9.20 11.30	- 26 - 16	62	61	68	51			Overcast	Fine	W	0.03	59	58	15			
23	S		9.20	- 11	65	62	75	55			Overcast				65	60	15			Colchicum autumnale white
24	M			30.13	65						Clear Cumuli									
25	T		11.30	- 04 29.14	65		75	55			Overcast Cumuli	Heavy rain								
26	W		9.30 11.30	- 18 - 57	64	67	74	48			Cumuli	Rain	W	0.45	61	58	12			First figs
27	T		9.20 11.30	- 55 - 70	64	63	66	55			Cumuli	Wind	W	0.50	63	61				
28	F		9.20 11.30	- 73 - 80	64	66	70	48			Clear. Cumuli	Fine Thunderstorm in the evening	W	0.5	64	61	12			
29	T		9.20 11.20	- 87 30.30	66	62	74	51			Clear. Cumuli	Fine	S	0.15	61	58				
30	S		9.30 11.30	- 02 29.94	64	70	73	50			Clear Cumuli	Fine Rain	S		63	58	23	Little reds		
31	M		9.30 11.20	- 84 30.13	65	60	73	54			Cumuli	High wind	SW	0.19	61	58	12			
													2.12							

1863	September	Day of the Week	Time rises & sets, Noon & age	Hour of observation	Barometer	Mean of the barometer	Thermometer in the vestibule	Thermometer in the room or observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the weather	Direction of the Wind	Rain	Dry	Wet	Wasp.	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
1	F				30.20 - 14		63 63	62 62	60 60	43 51		Clear. Cumuli	Fine	W		59	55	25	Little webs		
2	W				- 04 29.93		63 62	60 65	60 60	51 51		Overcast	Spitting	W	0.1	50	56	23			Nicotiana versicolor
3	T				- 91 - 94		61 62	65 65	60 60	51 51		Clear. Cumuli	Fine	JW	0.40	62	58	10			First natural mushrooms.
4	F				30.32 - 00		62 63	61 61	70 70	47 47		Clear. Cumuli		W		60	57	35			Maurandia Barclayana
5	T				29.99 - 88		62 63	63 63	67 67	45 45		Overcast	Heavy rain	NW	0.1	60	56	15			Aster punctatus
6	S				30.03 29.88		62 61	58 58	65 65	45 45		Clear. Cumuli	Fine	NW	0.42	55	51	09			White Colchicum Campanula seedling
7	M				- 72 30.00		61 62	63 63	64 64	50 50		Clear. Cumuli	Very fine	NW	0.41	61	58	05			
8	T				- 10 - 34		63 60	65 65	60 60	46 46		Cumuli	Fine	JW		58	55	33			
9	W				29.95 - 97		60 60	65 65	60 60	43 43		Overcast	Fair	JW	0.06	58	57	6	The lightning was colossal & forked		
10	T				30.00 - 20			57 57	70 70	47 47		Clear. Cumuli	Thunder & lightning	N	0.24	56	53				First from Cretin pears
11	F				- 23 - 37		59 60	58 58	70 70	42 42		Clear. Cumuli	Fine	N		54	51	17	Little webs		
12	T				- 37 - 34		59 61	57 57	65 65	43 43		Overcast	Fine	NW		54	52	15			
13	S			9.20	- 39 - 40		60 61	62 62	64 64	49 49		Clear. Cumuli	Fine	NW		59	54	18			aster- plant by the pond, coming
14	M			9.20	- 45		60	58	60	43		Overcast	Fine	NW		55	52	11	Little webs		
15	T				- 24		60					Overcast	Fair	W							

1863 September	Day of the Week	Sun rises & sets Mins age	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer of room of Observation	Highest	Lowest	Mean Temperature	Modification of the Clouds	General Appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Warp	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
16	W		9.20	30.20		60	60	62	51		Overcast	Fine			58	55	27			
			11.	- 20		61														
17	T		9.20	- 25		60	59	65	43		Overcast	Fine			56	53	16			
			11.	- 26		61														
18	F		9.20	- 25		60	60	65	45		Clear-Cumuli	Very fine	N		58	54	17			
			11.	- 25		61														
19	T		9.20	- 60		60	63	67	48		Clear-Cumuli	Fine	SW		61	59	15			
			11.	29.00		62														
20	S		9.20	- 70		62	55	74	48		Overcast	Thunders	W	0.55	54	52	6			Temperature in Miss Weston
			11.	- 65		61														
21	M		9.20	- 40		50	56	67	44		Clear-Cumuli Thunder, hail Rain		N	0.8	54	51	17			
22	T		11.	29.15		60						Went to London								
23	W		9.30	- 25		58	61	54	39		Clear-Cumuli	Fine	NW	0.20	52	49	37			
			11.			58					Thunder & Lightning Rain									
24	T		11.	29.60		58						Fine								
25	F		9.30	- 77		57	60	55	39		Clear Shower	Fine	SW	0.19	54	52	5			
				30.00																
26	T		9.30	- 14			63	54	36		Clear	Fine	SW	0.07	52	30	13			
			11.30	- 32		58														
27	S		9.30	- 34		57	60	55	33		Cumuli	Fine	W	0.02	54	50	10			yellow lock in the Elm
			11.	- 10		58														
28	M		9.20	29.89		57	60	53	44		Clear-Cumuli	Fine	W	0.15	50	50	5			
			11	30.09		57														
29	T		9.30	- 13		56	59	56	34		Clear-Cumuli	Very fine	NW	0.6	54	50	18			
			11.	- 13		57														
30	W		9.20	- 04		56	54	63	33		Clear-Cumuli		T		52	49	10			white frost
			11	29.53		60														
														155						
														120						
														2.07						

1863	October	Day of the Week	Rises & sets of Moon	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer at hour of observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the Weather	Direction of Wind	Rain	Dry	Wet	Wasp	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
1	F	2		9.30 11.	29.46 - 63		59 60	50	67	48		Overcast	Rain Fair	S	.41	55	54				
2	F																				
3	T			9.30 11.	29.90 30.03		59 62	53	60	47		Overcast	Rain		14	51	49	5			
4	S			9.30	- 05		60	64	65	30		Overcast	Fine	S	.02	62	60	15			
5	M																				
6	T			11.	- 00		54												20 minutes past three in the morning an earthquake felt all over England - Gardners Chronicle par. Colham by a lady in Mr Rowland Smiths house		
7	W			9.30 11.	29.03 29.71		50 60	59		34		Overcast Lightning	Spitting High wind	SE		56	55				
8	T			9.30 11.	- 72 - 74		62 60	57	60	51		Overcast	Fine Showers	E	0.32	60	52				
9	F			9.30 11.	- 74 - 62		60 61		50	47		Overcast	Fine		0.12				Amaryllis lutea		
10	T			9.30 11.50	- 80 - 75		60 61		59	43		Overcast Cini	Fine	JW	0.13	50	56		Lightning at night 2 morning		
11	S			9.30	- 72 - 44		61 60	56 +	65 +	31 +		Clear Cumuli	Fine	S	0.09	54	53	20	M.H.H. Tuby put on the post & Thermometer of Murray. + Murrays Thermometer & hence forward		
12	M				- 47		60					Cumuli	Fine	SW							
13	T				+ 44 - 47		60 60		62	55		Overcast Cini	Fine	W	0.10	55	54	13			
14	W				30.59 - 73		60 60		59	47		Clear Cumuli	Very fine	W	0.15	50	56	7			
15	T			11.20	29.80		61					Overcast		SW							
16	F				96 30.03		60 60	55	64	46		Clear	Rain	W	0.12	54	52	7			

1863
OctoberDay of the
weekDay with
setsMonth of
Observation

Barometer

Mean
of the
BarometerThermometer
in the VestibuleThermometer
at the hour
of observation

Highest

Lowest

Mean
TemperatureModification
of the
CloudsGeneral
Appearance
of the
WeatherDirection
of the
Wind

Rain

Dry

Wet

Evap.

17

J

30.07

- 20

60

50

65

46

Clear. Cumuli

Very fine

SW

56

54

10

18

S

- 18

- 16

59

58

65

42

Overcast

Fine

SW

51

54

11

19

M

- 20

- 20

60

59

65

53

Overcast

Fair

SW

58

57

12

20

J

- 18

- 27

61

59

63

52

Overcast

mist

SW

0.02

57

56

7

21

W

- 27

- 27

61

57

63

51

Overcast

mist

SW

0.02

56

55

5

22

J

- 23

- 33

61

59

64

40

Overcast

Fair

NW

57

55

23

F

- 36

- 38

59

50

64

42

Clear. Cirrostrati

Fine

NW

56

47

7

24

J

- 39

- 38

55

42

58

34

Overcast. yellow

Fog

NE

39

39

5

25

S

- 18

- 11

55

50

53

49

Clear

Very fine

E

49

46

4

26

M

- 14

- 14

54

44

54

34

M: J. Overcast

Fair

E

43

43

5

27

J

- 10

29.94

55

44

54

36

Overcast

Foggy

E

45

45

28

W

- 83

- 80

54

50

53

44

Overcast

Rain

E

50

49

4

29

J

- 61

- 58

54

57

47

40

Overcast

Rain

SW

0.14

47

46

30

F

9.30

- 57

- 60

54

55

52

42

Overcast

High wind

SW

0.10

52

49

17

31

J

9.30

- 62

- 68

52

55

49

30

Clear. Cumuli

Wind

NW

0.37

48

45

30

55

2.25

Miscellaneous

Observations

relating

to

Animals

Observations

relating

to

Plants

Little rain
Heavy white
dew. Windy
Heavy dew
Windy & raining

heavy dew

Evening
FoggyThick fog in
London

1863

November	Days of the Week	The first 4 sets	Hours of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer at the top of Observation	Highest	Lowest	Mean Temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Sun	Wet	Ways	Miscellaneous Observations relating to animals	Observations relating to plants
1	S		9.30 11.	29.70 - 40		51 51	45	53	31		Clear	Rain at night	NW		44	42	44		
2	M		9.30 11.	- 07 - 61		51 51	44	53	36		Clear. Ciri Cumuli	Overcast Rain Wind	NW	0.94	45	43			
3	T		9.30 11.	- 78 - 86		51 54	45	53	36		Overcast Ciri	Overcast Rain	NW	0.06	44	43	22		
4	W		9.30 11.	30.07 - 20		55 55		59	40		Overcast	Fine	SW	0.17	50	56	25	My 70 th birthday.	
5	T		9.30 11.	- 27 - 37		56 50	57	61	33		Overcast	Ciri Rain	SW	0.02	56	54	23		
6	F		9.30 11.	- 49 - 50		56 54	40	59	35		M: T. Ciri	Fine	SE	0.02	41	40	10	Windows dewed	
7	T		9.30 11.20	- 36 - 32		54 55	50	59	33		Overcast	Spitting	W		40	40	6		
8	S		9.20 11.20	29.96 -		55 55	52	54	47		Overcast	Spitting	W	0.10	51	51	5		
9	M		9.30 11.20	30.30 - 26		53 52	44	53	30		Clear	Fine	N	0.15	43	43	11	Windows dewed	
10	T		9.30 11.20	29.98 - 00		50 49	41	53	23		M: T. Overcast	Fine	N	0.02	40	40	iced	Larkies &c blackened.	
11	W		9.30	- 50		40	40	47	31		Overcast	Fine	W	0.05	40	39		a Myrmelcon formicarius on the outside of the entrance door window	
12	T		8..									Very fine Wind to land	N					Windows. Streams of white frost	
13	F		9.30 11.20	- 35 - 36		47 47	37	40	24		M: T. Ciri	Very fine	NE		35	35	iced	Windows dewed	
14	T		9.30 11.20	- 36 - 36		47 49	40	49	35		Overcast	Fine	W		40	47			
15	S		9.30 11.20	- 34 - 36		49 49	50	52	43		Overcast Ciri	Fine	W		49	47	11		

18 November 3	Days of the Week	Time of day	Hour of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer at the hour of observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the Weather	Direction of the Wind	Rain	Dry	Wet	Wap	Miscellaneous Observations	Observations relating to animals	Observations relating to plants
16	M		9.30	30.30		51	53	54	44		Overcast		W		52	51	0			
			11.	- 27		52														
17	T		9.30	- 27		52	52	56	46		Overcast cum	Windy	JW		53	49	7			
			11.	- 27		53														
18	W		9.30	- 33		53	51	55	37		Clear. cum	Fine	JW		50	48	12			
			11.	- 33		53														
19	T		9.30	- 31		53	53	48	41		Clear cum	Fair	SW		48	47	8			
			11.	- 30		52					M: J.									
20	F		9.30	- 28		51	53	49	37		M: J. Clear cum	Fine	SW		47	45	9			<i>Theridago fragrans</i>
			11.	- 13		52														
21	J		9.30	29.99		53	53	51	42		Clear cum.	Rain & Hail cum High road	SW		52	51	7			
			11.	- 26		53					Cumuli									
22	S		9.30	- 90		52	47	57	40		Clear	Fair	NW	0.12	46	44	14	<i>a discord Halo 8.45 evening</i>		<i>Elms nearly bare of leaves. Linnaea borealis</i>
			11.	- 92		52					Cymoid									
23	M		9.30	- 95		52	48	51	33		Clear. cum.	Very fine	NW		48	47	6			
			11.	30.30		53					Arrostrati									
24	T		9.30	29.98		54	54	55	45		Overcast	Rain	W	0.24	53	53				
			11.	30.02		55						Fair								
25	W		9.30	- 11		55	54	56	49		Overcast cumuli	Fine	S SW	.5	54	53				
			11	- 33		55														
26	T		9.30	- 44		55	52	59	47		Overcast	Foggy	SW		51	51	5			
			11.	- 47		55														
27	F		9.30	- 45		55	50	54	44		Overcast	Foggy	NE		49	48	6			
			11.30	- 45		54							SE							
28	J		9.30	- 41		53	46	50	42		Clear. cumuli	Fine	SE		45	44	5			
			11.20	- 40		53														
29	S		9.30	- 40		49	33	51	27		M: J. Clear	White Frost Fine	SE		33	33		<i>Windows steaming</i>		<i>Trees bare of leaves</i>
			11.15	- 30		48														
30	M		9.30	- 25		47	40	44	26		Overcast	Fair-Fine	SE		39	39	iced	<i>Evening Frost</i>		
			11.30	- 11		47					E. S	Foggy								

1.94

1863

December	Day of the week	Time of day	Time of day	Barometer	Mean of the Barometer	Thermometer in the vestibule	Thermometer in the room of observation	Highest	Lowest	Mean temperature	Modification of the clouds	General appearance of the weather	Direction of the wind	Rain	Dry	Wet	Evap	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
1	T	9.30	11.	29.95	- 67	47	45	45	29		Overcast	Foggy Windy High wind & Rain	SE		44	44				
2	W	9.30	11.	- 67	- 64	50	50	52	37		Overcast Cirro cumuli	High wind & Rain very high wind	S	.56	50	49				
3	T	9.30	11.	- 64	30.11	50	45	54	36		Clear	Very high wind	NW	.54	45	43	.38			
4	F	9.30	11.	- 44	- 41	46	39	46			Clear	Fine	NW		39	38	73	Windows closed in the Library		
5	T	9.30	11.	- 28	- 20	48	50	51	37		Overcast	Fair	W		49	40				
6	S	9.30	11.	- 33	- 44	50	40	53	35		Clear	Very fine	W	0.04	40	39	10	Windows closed		
7	M	9.30	11.	- 48	- 47	50	50	50	38		Overcast Cirri	Fine	W	.08	49	48				Heliborus niger
8	T	9.30	11.	- 30	- 16	51	49	53	44		Cirri	Spitting	JW		48	47	15			
9	W	9.30	11.20	- 14	- 21	53	51	53	40		Overcast	Rain	JW	0.4	50	50	8			
10	T	9.30	11.20	- 30	- 30	50	42	53	33		Clear	Fair	NW	.10	42	40		Windows threatening		
11	F	9.30	11.20	- 34	- 25	50	44	44	40		Overcast Cirri	Fair	NW		47	46	10			
12	T	9.30	11.20	- 25	- 34	51	51	52	44		Clear Cumuli	Fine	NW		50	49	17	Heard alder shot guns 9.30		Dandelion
13	S	9.30	11.20	- 50	- 50	51	37	55	33		Clear Cumuli	Fine	NW		39	37	.5	Windows closed		
14	M	9.30	11.20	- 55	- 55	50	42	48	34		Clear Cumuli M.S.	Very fine	NW		42	42	.3	Windows closed Heavy dew		
15	T	9.30	11.20	- 49	- 29	50	45	52	34		Overcast	Foggy Fair	N	0.1	45	45				
16	W	9.30	11.20	- 04	29.94	50			34		Clear Cirri Cirro cumuli	Fair Wind	SW		49	48	.7			

1863	December	Days of the Week	Sun rises & sets	Moon age	Height of Observation	Barometer	Mean of the Barometer	Thermometer in the Vestibule	Thermometer at the hour of Observation	Highest	Lowest	Mean temperature	Modification of the Clouds	General appearance of the weather	Direction of the Wind	Rain	Dry	Wet	Thaw	Miscellaneous Observations	Observations relating to Animals	Observations relating to Plants
17	T		9.30 11.20	30.00 - 30	40 40	45 51	34		Overcast Am	Fair	N		45 43 17		7.30 Two explosions heard N windows closed							
18	F		9.30	- 54	46	35 51	20		Cirrostrate	Fine	NE		35 34 6									
19	T		11.20	30.54	47																	
20	S		9.30	- 50	47 47	43 49	26		Overcast Cini	Fair	W		42 40 7									
21	M		9.30 11.20	- 34 - 30	47 48		37		Overcast	Fine Rain	W	.3	45 45									
22	T		11.20	- 33	46				Overcast	Rain	NE											
23	W		9.30 11.20	- 19 - 16	44 46	41 50	22		Cirrostrate	Clear Cini	NW	.2	40 39 iced		Windows closed							
24	T		9.30 11.20	- 30 - 34	46 47	46 50	30		Cirrostrate	Fine	W		45 44 15								Gathered Dec. 21 Anemones crimson. red white & purple Erica herbacea Fusilago fragrans Saururus Eranthis hyemalis Helleborus niger Muscetoe M & F	
25	F		9.30 11.20	- 36 - 25	47 49	46 50	40		Clear	Fine	W		44 42 8									
26	T		9.30 11.20	- 14 - 06	48 50	51 51	28		Overcast	Fine	SW		49 49 7									
27	S		9.30 11.20	- 06 - 32	50 47	43 53	22		Clear Am	Fine	NW		43 41 0								Mercurialis perennis Primrose Polyanthus 2- Fragaria Polygala chamabuxus	
28	M		9.30 11.20	- 39 - 24	45 45	34 44	25		Overcast White frost	Fine	NW		32 32 iced		Windows streaming							
29	T		9.30 11.20	- 29 - 18	47 48	50 50	32		Overcast	Fair	NW										Pyrus japonica red, white arabis white & purple	
30	W		9.30 11.30	- 24 - 16	48 47	41 53	30		Clear Cumuli	Fine	NE		41 40 15								Verbena Rose bud a white Crucifera Hysimum Peroffkianum	
31	T		9.30	- 30	46	35 47	24		h. 1. Overcast White Frost	Foggy			37 37 iced		Windows streaming							

Gathered Dec. 31
 Anemones crimson.
 red white & purple
 Erica herbacea
 Fuschia fragrans
 Laurestinus
 Eranthis hyemalis
 Helleborus niger
 Muscettos M & F
 Mercurialis perennis
 Primrose
 Polygonus 2-
 Fragaria
 Polygala chamaebuxus
 Pyrus japonica red. white
 Arabis white & purple
 Poa annua - Rose bud
 a white Crucifera
 Hysimum Peroffskianum

Jan ⁴	2.65.	3
Feb	.60	10
March	55	10
April	44.	9
May	1.66	11
June	3.10	15
July	.94.	3
Aug	2.12	14
Sept.	2.87.	15
Oct.	2.25	15
Nov.	1.94.	12
Dec	1.42.	9

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