

*not official paper*

AIR MINISTRY.  
METEOROLOGICAL OFFICE.  

---

THE BOOK OF NORMALS  
OF  
METEOROLOGICAL ELEMENTS  
FOR THE  
BRITISH ISLES  
FOR PERIODS ENDING 1915.

Section I.—Monthly Normals for Stations  
(1881-1915).

TABLE 1.	Temperature (Max., Min., and Mean)	Fahrenheit Scale.
2.	" " " "	Absolute "
3.	Rainfall.	
4.	Sunshine.	

---

Published by the Authority of the Meteorological Committee.

---



LONDON:  
PRINTED BY HIS MAJESTY'S STATIONERY OFFICE  
And to be purchased from the Meteorological Office, Air Ministry,  
Kingsway, W.C.2, or Exhibition Road, S.W.7.

1919.

Price 2s. net.



# LIST OF SOME OF THE PUBLICATIONS ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

## 1. Hand-books, Text-books, Tables. (8vo)

- (M) Calendar, with Notes and Diary of Operations for the use of Observers. (No. 213.) Issued annually. 1s. Postage 2d.
- The Observer's Handbook. Approved for the use of Meteorological Observers by the Meteorological Office, the Royal Meteorological Society, the Scottish Meteorological Society, and the British Rainfall Organization. (No. 191.) Issued annually. 1919 Edition with which is bound Cloud Forms (*see below*). 4s. 6d.
- The Marine Observer's Handbook. (No. 218.) Second Edition. 1918. 3s. 6d. Postage 4d.
- Barometer Manual for the Use of Seamen. A Text-book of Marine Meteorology. (No. 61.) Ninth Edition 1919 in the Press.
- Manual of Meteorology. Part 4. The Relation of the Wind to the Distribution of Barometric Pressure. By Sir Napier Shaw, Sc.D., F.R.S. (No. 234.) 12s. 6d. Postage 5d.
- The Seaman's Handbook of Meteorology. A companion to the Barometer Manual for the use of Seamen. (No. 215.) Third Edition. 1918. 3s. 6d. Postage 5d.
- The Weather of the British Coasts. (No. 230.) 1918. 4s. 6d. Postage 5d.
- Cloud Forms according to the International Classification. The Definitions and Descriptions approved by the International Meteorological Committee in 1910, with an Atlas of Photographs of Clouds selected from the collection of Mr. G. A. Clarke, of the Observatory, Aberdeen. (No. 233.) 1918. 6d. Postage 2d.
- (M) The Computer's Handbook. (No. 223.)—The following Sections have been issued:—
- Introduction. C.G.S. Units of Measurement in Meteorology, with their Abbreviations and their Equivalents. 1916. 1s. Postage 2d.
- Section I. Computations based on the Physical Properties of Atmospheric Air:—Humidity and Density. 1916. 6d. Postage 2d.
- Section II. Dynamical Meteorology: Calculus of the Upper Air.
- Sub-section I.—The Computation of Wind Components from Observations of Pilot Balloons. 1915-16. 5d. Postage 2d.
- Sub-sections II.-IV.—Computation of Height and Temperature by means of Registering Balloons.—The Dynamics of the Upper Air.—Tables for the Estimation of Geostrophic Winds. 1917. 1s. 3d. Postage 2d.
- Section V. Computations related to the Theory of Probabilities. 1915. 6d. Postage 2d.
- Section V. (Continuation). Tables of Correlation Coefficients from Meteorological Papers. 4s. Postage 2d.
- FORECASTING:—
- The Weather Map. An introduction to Modern Meteorology. (No. 225i. 1918.) (Royal 16mo) 4d. Postage 2d.
- Meteorological Glossary in continuation of the Weather Map. (No. 225ii. 1918.) (Royal 16mo) 1s. Postage 3d.
- (\*) Forecasting Weather.—By W. N. Shaw, Sc.D., F.R.S. Constable & Co., Ltd. 12s. 6d. (Demy 8vo) [Out of print.]

MET 12/1/3/110/5

M.O. 236 (Section I.).

## METEOROLOGICAL OFFICE.

# THE BOOK OF NORMALS

OF

## METEOROLOGICAL ELEMENTS

FOR THE

## BRITISH ISLES

FOR PERIODS ENDING 1915.

### Section I.—Monthly Normals for Stations (1881-1915).

TABLE 1.	Temperature (Max., Min., and Mean)	Fahrenheit Scale.
" 2.	" " " "	Absolute "
" 3.	Rainfall.	"
" 4.	Sunshine.	"

Published by the Authority of the Meteorological Committee.



LONDON:  
PRINTED BY HIS MAJESTY'S STATIONERY OFFICE  
And to be purchased from the Meteorological Office, Exhibition Road,  
London, S.W.7.

1919.

Price 2s. net.



THE BOOK OF NORMALS OF METEOROLOGICAL ELEMENTS  
OF THE BRITISH ISLES FOR PERIODS ENDING 1915.

Section I.—Monthly Normals for Stations.

CONTENTS.

Table 1. Normals of Temperature (Fahr.) ...	p. 3
„ 2. „ „ „ (Abs.) ...	p. 25
„ 3. „ „ Rainfall ...	p. 47
„ 4. „ „ Sunshine ...	p. 71
Notes on Tables ...	p. 84
List of Stations ...	p. 89
Map of Stations ...	to face p. 94

**Note.**—Normals of Temperature, Rainfall and Sunshine have been published hitherto as Appendices to the *Weekly Weather Report*. Similar data have appeared in other publications. It is hoped that the present collection to be issued under the title *The Book of Normals* will prove more generally useful.

The Stations in the present section are arranged in the order :—Scotland N., E., W. England N.E., E., Mid., S.E., N.W., S.W. Ireland N., S. English Channel. Notes on the Tables will be found on p. 84.

Maps showing the Distribution of Temperature, &c., in January and in July for the period 1876–1910 will be found in the Weather Map. It is proposed to issue the complete set for all the months for the period 1881–1915 in Section II. of *The Book of Normals*.

Temperature (Fahrenheit).

3

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881–1915.  
SCOTLAND, N.

SCOTLAND, N.

Station ...	Lerwick.	Deerness.	Stornoway.
Latitude ...	60° 9' N.	58° 56' N.	58° 11' N.
Longitude ...	1° 8' W.	2° 45' W.	6° 22' W.
Above M.S.L. ...	112 ft.	160 ft.	51 ft.
"County" ...	Shetlands.	Orkney.	Hebrides.

	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
January ...	42·6	35·6	39·1	42·4	35·5	39·0	43·7	34·9	39·3
February ...	42·1	34·5	38·3	42·1	34·9	38·5	44·1	34·2	39·2
March ...	42·9	34·4	38·7	43·2	35·2	39·2	45·3	34·4	39·9
April ...	46·0	36·9	41·5	46·8	37·8	42·3	49·5	37·5	43·5
May ...	49·9	40·5	45·2	51·0	41·6	46·3	53·7	41·3	47·5
June ...	53·9	45·0	49·5	55·2	46·1	50·7	58·4	46·4	52·4
July ...	57·0	48·2	52·6	58·0	49·0	53·5	60·2	48·9	54·6
August ...	57·1	48·4	52·8	57·6	49·2	53·4	60·0	49·0	54·5
September ...	54·6	46·5	50·6	55·4	47·3	51·4	57·7	46·2	52·0
October ...	50·1	42·3	46·2	50·6	43·1	46·9	52·2	41·2	46·7
November ...	46·2	38·9	42·6	46·4	39·2	42·8	47·6	38·0	42·8
December ...	43·6	36·6	40·1	43·5	36·5	40·0	44·4	35·4	39·9
Whole Year ...	48·8	40·7	44·8	49·3	41·3	45·3	51·4	40·6	46·0

Station ...	Wick.	Dunrobin.	Glencarron.
Latitude ...	58° 27' N.	57° 59' N.	57° 30' N.
Longitude ...	3° 6' W.	3° 56' W.	5° 14' W.
Above M.S.L. ...	81 ft.	12 ft.	500 ft.
"County" ...	Caithness.	Sutherland.	Ross and Cromarty.

	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
January ...	42·5	33·3	37·9	43·0	33·3	38·2	41·8	32·4	37·1
February ...	42·8	32·8	37·8	43·7	33·2	38·5	42·4	31·7	37·1
March ...	44·9	33·8	39·4	45·8	34·3	40·1	44·3	32·5	38·4
April ...	49·1	36·8	43·0	49·7	37·6	43·7	49·8	35·6	42·7
May ...	53·4	40·8	47·1	54·3	41·9	48·1	55·5	40·4	48·0
June ...	58·0	45·5	51·8	59·0	47·1	53·1	60·9	45·7	53·3
July ...	60·6	48·4	54·5	61·3	49·9	55·6	61·4	48·2	54·8
August ...	60·6	48·2	54·4	61·2	49·7	55·5	60·6	48·3	54·5
September ...	57·8	45·9	51·9	58·4	46·6	52·5	58·1	45·2	51·7
October ...	52·2	41·0	46·6	55·4	41·4	48·4	51·6	39·8	45·7
November ...	46·9	37·0	42·0	47·3	37·0	42·2	45·9	36·1	41·0
December ...	43·6	34·3	39·0	43·6	33·8	38·7	42·6	32·8	37·7
Whole Year ...	51·0	39·8	45·4	51·9	40·5	46·2	51·2	39·1	45·2



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

## SCOTLAND, N. AND E.

MONTHS.	Strathpeffer. 57° 35' N. 4° 32' W. 200 ft. Ross and Cromarty.			Fort Augustus. 57° 8' N. 4° 40' W. 68 ft. Inverness.			Fort William. 56° 49' N. 5° 7' W. 171 ft. Inverness.			Kingussie. 57° 5' N. 4° 2' W. 840 ft. Inverness.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.2	32.4	37.3	42.8	32.6	37.7	43.2	34.6	38.9	40.0	29.8	34.9
F.	42.9	32.2	37.6	43.4	32.0	37.7	43.6	34.0	38.8	41.0	29.9	35.5
M.	45.2	33.6	39.4	46.0	33.4	39.7	46.2	35.0	40.6	43.6	30.9	37.3
A.	51.0	36.9	44.0	51.2	36.5	43.9	51.8	37.8	44.8	49.4	34.1	41.8
M.	56.5	41.7	49.1	56.2	41.2	48.7	57.7	42.5	50.1	56.2	38.9	47.6
J.	62.5	47.1	54.8	61.7	46.8	54.3	63.3	47.9	55.6	62.9	44.9	53.9
J.	63.9	49.9	56.9	63.5	49.8	56.7	64.0	50.4	57.2	63.8	47.6	55.7
A.	63.0	49.4	56.2	62.8	49.6	56.2	62.9	50.3	56.6	62.2	47.2	54.7
S.	59.6	45.9	52.8	59.8	45.6	52.7	59.8	47.1	53.5	58.4	43.1	50.8
O.	52.5	39.9	46.2	53.0	40.4	46.7	53.0	41.9	47.5	50.8	37.4	44.1
N.	46.6	36.3	41.5	46.9	36.7	41.8	47.2	38.1	42.7	44.3	33.5	38.9
D.	42.8	32.4	37.6	43.3	33.1	38.2	44.1	35.2	39.7	40.3	30.0	35.2
Y.	52.4	39.8	46.1	52.5	39.8	46.2	53.1	41.2	47.2	51.1	37.3	44.2
MONTHS.	Nairn. 57° 36' N. 3° 52' W. 82 ft. Nairn.			Gordon Castle. 57° 37' N. 3° 5' W. 101 ft. Elgin or Moray.			Aberdeen*. 57° 10' N. 2° 6' W. 46 ft. Aberdeen.			Braemar. 57° 0' N. 3° 24' W. 1,120 ft. Aberdeen.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.6	31.8	37.2	43.1	33.1	38.1	42.3	33.4	37.9	39.5	29.0	34.3
F.	43.9	31.3	37.6	44.3	32.9	38.6	43.2	33.4	38.3	40.1	28.6	34.4
M.	46.4	32.6	39.5	46.6	33.6	40.1	45.7	34.4	40.1	42.2	29.7	36.0
A.	51.8	35.9	43.9	51.8	36.5	44.2	49.8	37.6	43.7	48.3	33.0	40.7
M.	56.8	40.7	48.8	57.2	40.8	49.0	54.5	41.8	48.2	54.8	37.6	46.2
J.	62.1	46.2	54.2	62.9	46.0	54.5	59.9	47.0	53.5	61.6	43.6	52.6
J.	64.3	49.1	56.7	64.7	48.8	56.8	62.8	50.3	56.6	62.9	46.6	54.8
A.	63.7	48.7	56.2	64.2	48.6	56.4	62.4	49.9	56.2	61.3	45.8	53.6
S.	60.4	44.9	52.7	61.1	45.3	53.2	59.2	46.7	53.0	57.6	42.2	49.9
O.	53.1	39.0	46.1	53.9	40.2	47.1	52.8	41.7	47.3	50.0	37.0	43.5
N.	46.9	35.4	41.2	47.7	36.6	42.2	46.8	37.4	42.1	43.9	32.8	38.4
D.	43.0	32.1	37.6	43.5	33.6	38.6	42.9	34.2	38.6	40.2	29.3	34.8
Y.	52.9	39.0	46.0	53.4	39.7	46.6	51.9	40.7	46.3	50.2	36.3	43.3

\* The thermometers are 41 ft. from the ground.

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

## SCOTLAND, E.

MONTHS.	Crathes. 57° 3' N. 2° 25' W. 140 ft. Kincardine.			Balruddery. 56° 29' N. 3° 8' W. 276 ft. Forfar.			Dundee. 56° 28' N. 2° 56' W. 160 ft. Forfar.			Crieff. 56° 22' N. 3° 50' W. 432 ft. Perth.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.3	30.1	36.2	41.9	32.0	37.0	41.3	32.8	37.1	42.3	31.5	36.9
F.	44.0	30.4	37.2	43.5	31.6	37.6	42.5	32.5	37.5	44.2	31.6	37.9
M.	46.8	31.8	39.3	46.7	32.7	39.7	45.8	33.7	39.8	47.5	32.7	40.1
A.	52.2	34.7	43.5	52.4	35.5	44.0	51.4	36.7	44.1	53.5	35.8	44.7
M.	58.0	39.7	48.9	58.2	40.2	49.2	57.2	41.6	49.4	59.7	40.4	50.1
J.	64.2	45.1	54.7	64.2	45.7	55.0	63.6	47.2	55.4	65.8	46.2	56.0
J.	66.3	48.5	57.4	66.6	48.8	57.7	66.3	50.5	58.4	67.5	49.2	58.4
A.	65.1	47.6	56.4	64.9	47.7	56.3	64.8	49.7	57.3	66.0	48.6	57.3
S.	61.6	43.9	52.8	61.3	44.4	52.9	60.6	46.4	53.5	62.1	45.1	53.6
O.	53.8	38.4	46.1	53.7	39.4	46.6	52.5	40.9	46.7	54.1	39.6	46.9
N.	47.0	33.7	40.4	47.4	35.5	41.5	46.1	36.5	41.3	47.4	35.3	41.4
D.	42.2	30.4	36.3	42.2	32.5	37.4	42.0	33.2	37.6	42.8	32.1	37.5
Y.	53.6	37.9	45.8	53.6	38.8	46.2	52.8	40.1	46.5	54.4	39.0	46.7
MONTHS.	Perth. 56° 24' N. 3° 27' W. 76 ft. Perth.			Blackford Hill, Edinburgh. 55° 55' N. 3° 11' W. 441 ft. Midlothian.			Leith. 55° 58' N. 3° 10' W. 18 ft. Midlothian.			Marchmont. 55° 44' N. 2° 25' W. 498 ft. Berwick.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.2	31.8	37.0	42.2	33.7	38.0	44.0	34.2	39.1	41.4	31.4	36.4
F.	43.6	31.6	37.6	43.0	33.5	38.3	45.2	33.8	39.5	42.7	31.7	37.2
M.	47.0	33.1	40.1	45.2	34.5	39.9	47.7	34.9	41.3	45.5	32.5	39.0
A.	52.9	36.0	44.5	50.1	37.5	43.8	52.6	38.1	45.4	50.8	35.7	43.3
M.	58.8	40.8	49.8	55.0	41.9	48.5	57.3	42.8	50.1	56.3	40.2	48.3
J.	64.9	46.4	55.7	60.8	47.2	54.0	62.9	48.4	55.7	62.0	45.7	53.9
J.	67.1	49.7	58.4	63.5	50.2	56.9	65.8	51.4	58.6	64.5	48.9	56.7
A.	65.7	48.8	57.3	63.1	50.3	56.7	65.4	51.2	58.3	63.9	48.4	56.2
S.	61.5	45.0	53.3	59.1	47.4	53.3	61.8	47.6	54.7	60.1	45.0	52.6
O.	53.7	39.1	46.4	52.5	42.2	47.4	54.8	42.1	48.5	52.3	40.0	46.2
N.	47.1	35.1	41.1	46.7	37.7	42.2	48.5	38.0	43.3	46.2	35.5	40.9
D.	42.9	32.1	37.5	43.2	34.6	38.9	44.8	35.0	39.9	42.0	32.0	37.0
Y.	54.0	39.1	46.6	52.0	40.9	46.5	54.2	41.5	47.9	52.3	38.9	45.6



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

SCOTLAND, E. AND W.

MONTHS.	West Linton. 55° 45' N. 3° 21' W. 770 ft. Peebles.			Poltalloch. 56° 8' N. 5° 30' W. 132 ft. Argyll.			Rothesay. 55° 50' N. 5° 4' W. 90 ft. Bute.			Greenock. 55° 56' N. 4° 46' W. 199 ft. Renfrew.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	39·6	28·7	34·2	43·5	34·4	39·0	43·8	35·2	39·5	43·0	33·8	38·4
F.	40·8	30·0	35·4	44·1	33·8	39·0	44·8	34·9	39·9	43·6	33·5	38·6
M.	43·5	30·2	36·9	46·4	34·6	40·5	47·2	35·4	41·3	45·7	34·5	40·1
A.	49·1	33·5	41·3	52·4	37·5	45·0	52·8	38·1	45·5	51·3	37·8	44·6
M.	55·3	38·0	46·7	58·1	42·5	50·3	58·2	42·5	50·4	57·2	42·3	49·8
J.	61·3	43·6	52·5	63·5	47·8	55·7	64·0	47·6	55·8	63·0	48·0	55·5
J.	63·2	46·7	55·0	64·4	50·6	57·5	65·1	50·2	57·7	64·5	50·7	57·6
A.	61·9	46·0	54·0	63·7	50·1	56·9	64·3	49·9	57·1	63·7	50·6	57·2
S.	58·2	41·9	50·1	60·7	47·2	54·0	61·0	47·1	54·1	60·0	47·5	53·8
O.	50·8	37·3	44·1	54·2	41·5	47·9	54·1	42·2	48·2	53·0	42·0	47·5
N.	44·0	31·8	37·9	48·3	37·8	43·1	48·3	38·9	43·6	47·7	37·7	42·7
D.	40·2	29·4	34·8	44·5	35·2	39·9	44·7	36·1	40·4	44·1	34·7	39·4
Y.	50·7	36·4	43·6	53·6	41·1	47·4	54·0	41·5	47·8	53·1	41·1	47·1
MONTHS.	Paisley. 55° 51' N. 4° 26' W. 106 ft. Renfrew.			Glasgow. 55° 53' N. 4° 18' W. 180 ft. Lanark.			Colmonell. 55° 37' N. 4° 53' W. 170 ft. Ayr.			Kilmarnock. 55° 37' N. 4° 36' W. 90 ft. Ayr.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43·4	34·8	39·1	42·4	34·8	38·6	43·4	34·1	38·8	42·8	32·2	37·5
F.	44·7	34·4	39·6	43·2	35·0	39·1	43·9	33·6	38·8	44·2	32·9	38·6
M.	48·0	35·5	41·8	45·5	35·7	40·6	47·0	34·7	40·9	46·6	33·7	40·2
A.	54·0	38·4	46·2	51·2	38·8	45·0	52·1	37·3	44·7	52·1	36·6	44·4
M.	59·9	43·2	51·6	57·2	43·4	50·3	58·0	41·7	49·9	58·3	41·3	49·8
J.	65·8	48·8	57·3	62·9	48·6	55·8	61·9	47·0	54·5	63·9	46·3	55·1
J.	67·0	51·5	59·3	64·4	51·5	58·0	64·0	49·1	56·6	65·4	48·9	57·2
A.	65·9	51·0	58·5	63·1	51·0	57·1	63·0	49·3	56·2	64·1	48·3	56·2
S.	62·2	47·5	54·9	59·2	47·8	53·5	60·4	46·9	53·7	61·0	44·9	53·0
O.	54·5	42·2	48·4	52·3	42·5	47·4	54·7	41·6	48·2	53·9	39·9	46·9
N.	47·8	38·2	43·0	46·7	38·5	42·6	48·9	37·7	43·3	47·8	35·3	41·6
D.	44·1	35·7	39·9	43·3	35·7	39·5	44·7	34·8	39·8	44·1	33·6	38·9
Y.	54·8	41·8	48·3	52·6	42·0	47·3	53·5	40·7	47·1	53·7	39·5	46·6

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

SCOTLAND, W. AND ENGLAND, N.E.

MONTHS.	Dumfries. 55° 4' N. 3° 36' W. 160 ft. Dumfries.			Cally. 54° 52' N. 4° 12' W. 120 ft. Kirkcudbright.			Douglas. 54° 10' N. 4° 28' W. 277 ft. Isle of Man.			Alnwick Castle. 55° 25' N. 1° 43' W. 210 ft. Northumberland.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42·8	33·1	38·0	42·9	33·7	38·3	44·7	37·0	40·9	42·7	33·4	38·1
F.	44·4	33·1	38·8	44·1	33·3	38·7	44·8	36·5	40·7	43·5	33·4	38·5
M.	47·4	34·1	40·8	47·1	34·1	40·6	46·6	36·6	41·6	46·0	34·6	40·3
A.	53·7	37·1	45·4	52·5	36·6	44·6	51·1	39·3	45·2	50·2	37·4	43·8
M.	59·6	42·1	50·9	58·3	41·3	49·8	56·6	43·5	50·1	55·5	42·0	48·8
J.	65·7	48·0	56·9	63·5	46·7	55·1	61·8	48·5	55·2	61·5	47·5	54·5
J.	67·0	50·9	59·0	65·1	49·0	57·1	63·6	51·3	57·5	64·8	50·8	57·8
A.	65·8	50·1	58·0	63·7	48·4	56·1	63·0	51·2	57·1	64·1	50·3	57·2
S.	62·4	46·1	54·3	60·1	45·4	52·8	60·3	48·6	54·5	60·2	46·9	53·6
O.	54·6	40·9	47·8	53·9	40·4	47·2	54·2	44·0	49·1	53·2	41·9	47·6
N.	47·7	36·8	42·3	47·9	36·5	42·2	49·4	40·6	45·0	47·6	37·4	42·5
D.	43·5	34·0	38·8	44·0	34·3	39·2	46·0	38·0	42·0	43·5	34·2	38·9
Y.	54·6	40·5	47·6	53·6	40·0	46·8	53·5	42·9	48·2	52·7	40·8	46·8
MONTHS.	Cockle Park. 55° 13' N. 1° 41' W. 324 ft. Northumberland.			Tynemouth. 55° 0' N. 1° 27' W. 96 ft. Northumberland.			Durham. 54° 46' N. 1° 35' W. 348 ft. Durham.			Ampleforth. 54° 12' N. 1° 6' W. 348 ft. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41·1	32·4	36·8	43·5	33·6	38·6	42·0	32·2	37·1	41·3	31·3	36·3
F.	42·0	32·2	37·1	44·5	33·7	39·1	43·5	32·3	37·9	43·3	31·9	37·6
M.	44·8	33·2	39·0	46·9	34·4	40·7	46·8	33·3	40·1	46·7	33·1	39·9
A.	49·1	36·2	42·7	50·5	37·7	44·1	52·0	36·1	44·1	52·3	36·4	44·4
M.	54·0	40·7	47·4	54·9	42·4	48·7	57·3	40·8	49·1	58·1	41·3	49·7
J.	59·9	46·1	53·0	60·7	47·8	54·3	64·0	46·6	55·3	64·3	47·0	55·7
J.	63·2	49·6	56·4	64·2	51·3	57·8	67·3	50·2	58·8	66·8	50·2	58·5
A.	62·8	49·1	56·0	64·2	51·1	57·7	66·0	49·7	57·9	65·7	50·2	58·0
S.	59·0	45·7	52·4	60·7	47·8	54·3	61·6	46·3	54·0	61·8	47·1	54·5
O.	52·0	40·8	46·4	54·1	42·4	48·3	53·7	41·0	47·4	53·6	41·0	47·3
N.	46·3	36·7	41·5	48·4	38·1	43·3	47·3	36·7	42·0	47·0	36·8	41·9
D.	42·1	33·3	37·7	44·3	34·7	39·5	42·8	33·3	38·1	42·1	32·7	37·4
Y.	51·4	39·7	45·6	53·1	41·3	47·2	53·7	39·9	46·8	53·6	39·9	46·8



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

ENGLAND, N.E.

MONTHS.	Rounton. 54° 24' N. 1° 18' W. 249 ft. York.			Scarborough. 54° 18' N. 0° 24' W. 100 ft. York.			Whitby 54° 29' N. 0° 37' W. 124 ft. York.			York. 53° 57' N. 1° 5' W. 56 ft. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.0	32.0	37.0	42.9	34.5	38.7	42.4	36.0	39.2	42.9	32.9	37.9
F.	43.6	32.1	37.9	44.2	34.9	39.6	43.3	36.2	39.8	44.7	33.5	39.1
M.	46.9	33.0	40.0	47.2	35.9	41.6	45.8	37.2	41.5	48.5	34.5	41.5
A.	52.0	35.9	44.0	51.0	39.0	45.0	49.8	40.2	45.0	54.2	37.7	46.0
M.	57.2	40.6	48.9	55.8	43.5	49.7	54.5	44.6	49.6	60.4	42.9	51.7
J.	63.4	46.4	54.9	61.9	49.2	55.6	60.4	50.3	55.4	66.5	48.7	57.6
J.	66.4	49.7	58.1	65.8	52.5	59.2	64.3	53.7	59.0	68.9	52.1	60.5
A.	65.5	49.3	57.4	65.4	52.3	58.9	64.2	53.5	58.9	67.9	51.4	59.7
S.	61.4	45.8	53.6	61.9	49.6	55.8	60.8	50.7	55.8	63.7	47.4	55.6
O.	53.8	40.5	47.2	54.6	44.1	49.4	53.9	45.4	49.7	55.3	41.8	48.6
N.	47.3	36.4	41.9	48.6	39.5	44.1	47.7	40.7	44.2	48.4	37.6	43.0
D.	42.9	33.2	38.1	44.0	35.5	39.8	43.5	37.0	40.3	43.8	34.1	39.0
Y.	53.5	39.6	46.6	53.6	42.5	48.1	52.6	43.8	48.2	55.4	41.2	48.3
MONTHS.	Hull. 53° 45' N. 0° 16' W. 12 ft. York.			Spurn Head. 53° 34' N. 0° 7' E. 26 ft.* York.			Fulbeck. 53° 3' N. 0° 37' W. 180 ft. Lincoln.			Lincoln. 53° 14' N. 0° 33' W. 58 ft. Lincoln.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.6	32.7	37.7	42.1	34.7	38.4	41.8	32.4	37.1	42.0	32.2	37.1
F.	44.7	33.1	38.9	43.0	35.1	39.1	44.0	33.1	38.6	44.1	33.3	38.7
M.	48.1	33.9	41.0	45.7	36.3	41.0	48.2	34.6	41.4	48.5	34.5	41.5
A.	53.2	36.9	45.1	49.8	40.0	44.9	54.4	37.9	46.2	54.6	38.0	46.3
M.	59.2	42.0	50.6	55.1	45.0	50.1	61.0	42.7	51.9	61.3	43.3	52.3
J.	65.4	47.6	56.5	60.9	50.6	55.8	67.1	48.3	57.7	67.4	49.2	58.3
J.	68.8	51.4	60.1	65.0	54.3	59.7	70.2	51.7	61.0	70.3	52.3	61.3
A.	68.1	50.7	59.4	65.1	54.4	59.8	68.7	51.6	60.2	68.8	51.8	60.3
S.	63.5	47.2	55.4	61.4	51.7	56.6	64.6	48.0	56.3	64.2	48.3	56.3
O.	55.5	41.8	48.7	54.6	45.9	50.3	55.4	42.3	48.9	55.2	42.4	48.8
N.	48.5	37.2	42.9	48.2	40.8	44.5	48.1	37.4	42.8	48.0	37.4	42.7
D.	43.6	33.8	38.7	43.6	36.4	40.0	43.3	33.8	38.6	43.2	33.7	38.5
Y.	55.1	40.7	47.9	52.9	43.8	48.4	55.6	41.2	48.4	55.6	41.4	48.5

\* For W. Riding see p. 11.

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

ENGLAND, N.E. AND E.

MONTHS.	Rauceby 53° 0' N. 0° 29' W. 124 ft. Lincoln.			Skegness. 53° 9' N. 0° 21' E. 12 ft. Lincoln.			Cromer. 52° 56' N. 1° 17' E. 196 ft. Norfolk.			Geldeston. 52° 28' N. 1° 31' E. 37 ft. Norfolk.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.2	31.4	36.8	42.4	32.7	37.6	42.3	33.4	37.9	43.0	32.9	38.0
F.	44.5	32.4	38.5	43.7	33.8	38.8	43.7	34.1	38.9	44.9	33.4	39.2
M.	48.5	33.7	41.1	46.6	34.9	40.8	46.9	35.5	41.2	48.7	34.4	41.6
A.	54.6	37.1	45.9	50.7	38.0	44.4	51.3	39.3	45.3	53.7	37.7	45.7
M.	60.9	42.4	51.7	56.5	43.6	50.1	57.6	44.1	50.9	60.0	43.1	51.6
J.	66.7	47.9	57.3	62.1	49.1	55.6	62.8	49.5	56.2	65.6	48.7	57.2
J.	69.9	51.3	60.6	65.3	52.7	59.0	66.8	53.2	60.0	69.6	52.2	60.9
A.	68.8	51.0	59.9	65.9	52.2	59.1	66.8	53.4	60.1	69.3	51.5	60.4
S.	64.5	47.4	56.0	62.3	49.7	56.0	63.4	51.2	57.3	65.0	48.5	56.8
O.	55.6	41.5	48.6	54.8	43.4	49.1	55.7	44.8	50.3	57.0	42.9	50.0
N.	48.6	37.1	42.9	48.3	38.2	43.3	48.8	39.7	44.3	49.5	38.2	43.9
D.	43.8	32.7	38.3	43.5	34.6	39.1	44.0	35.1	39.6	44.6	34.4	39.5
Y.	55.7	40.5	48.1	53.5	41.9	47.7	54.2	42.8	48.5	55.9	41.5	48.7
MONTHS.	Little Massingham. 52° 47' N. 0° 39' E. 280 ft. Norfolk.			Norwich. 52° 37' N. 1° 17' E. 93 ft. Norfolk.			Yarmouth. 52° 37' N. 1° 43' E. 17 ft. Norfolk.			Felixstowe. 51° 58' N. 1° 22' E. 10 ft. Suffolk.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41.9	31.9	36.9	41.8	32.9	37.4	41.8	33.7	37.8	42.6	34.1	38.4
F.	44.4	32.6	38.5	43.9	33.6	38.8	42.9	34.0	38.5	43.6	34.4	39.0
M.	48.7	33.8	41.3	48.1	35.2	41.7	45.8	35.4	40.6	47.0	35.7	41.4
A.	54.3	37.3	45.8	53.5	38.4	46.0	50.0	39.8	44.9	51.9	39.6	45.8
M.	60.7	42.5	51.6	60.9	43.8	52.4	55.9	45.2	50.6	58.5	45.0	51.8
J.	66.9	48.2	57.6	66.0	49.4	57.7	62.0	51.1	56.6	64.5	51.0	57.8
J.	70.3	51.4	60.9	69.5	53.1	61.3	66.2	54.7	60.5	68.5	54.5	61.5
A.	69.4	50.9	60.2	68.9	52.5	60.7	66.3	54.2	60.3	68.3	54.5	61.4
S.	64.8	47.4	56.1	64.7	48.7	56.7	62.5	51.5	57.0	64.4	51.5	58.0
O.	56.0	41.9	49.0	55.8	43.2	49.5	55.2	45.3	50.3	56.6	45.7	51.2
N.	48.1	37.0	42.6	48.1	38.0	43.1	48.5	39.6	44.1	49.4	39.8	44.6
D.	43.2	33.5	38.4	43.4	34.2	38.8	43.6	35.2	39.4	44.5	35.8	40.2
Y.	55.7	40.7	48.2	55.4	41.9	48.7	53.4	43.3	48.4	55.0	43.5	49.3



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

## ENGLAND, E.

MONTHS.	Lowestoft. 52° 29' N. 1° 45' E. 83 ft. Suffolk.			Cambridge. 52° 12' N. 0° 8' E. 41 ft. Cambridge.			Woburn. 52° 1' N. 0° 36' W. 291 ft. Bedford.			Bennington. 51° 54' N. 0° 5' W. 406 ft. Hertford.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.6	33.9	38.3	43.3	31.9	37.6	42.3	32.7	37.5	41.9	32.7	37.3
F.	43.8	34.3	39.1	45.9	32.3	39.1	44.3	32.9	38.6	44.0	33.2	38.6
M.	46.9	35.4	41.2	50.3	33.3	41.8	48.3	33.9	41.1	48.2	34.1	41.2
A.	50.9	39.2	45.1	56.6	36.8	46.7	54.7	36.6	45.7	54.6	37.3	46.0
M.	56.3	44.5	50.4	62.9	42.7	52.8	60.9	41.7	51.3	60.9	42.7	51.8
J.	62.1	50.2	56.2	68.5	48.5	58.5	66.6	47.5	57.1	66.8	48.4	57.6
J.	66.7	53.5	60.1	71.7	52.0	61.9	70.0	50.9	60.5	70.5	52.0	61.3
A.	67.0	53.3	60.2	70.8	51.4	61.1	69.2	50.5	59.9	69.4	51.5	60.5
S.	63.4	51.0	57.2	66.3	47.4	56.9	64.5	46.1	55.3	64.7	48.2	56.5
O.	56.3	45.1	50.7	57.2	41.5	49.4	55.6	41.1	48.4	55.7	42.3	49.0
N.	49.4	39.6	44.5	49.6	36.5	43.1	48.4	36.7	42.6	48.1	37.3	42.7
D.	44.5	35.4	40.0	44.6	33.2	38.9	43.8	34.0	38.9	43.4	34.1	38.8
Y.	54.2	42.9	48.6	57.3	40.6	49.0	55.7	40.4	48.1	55.7	41.2	48.5
MONTHS.	Berkhamsted. 51° 46' N. 0° 34' W. 450 ft. Hertford.			Rothamsted. 51° 48' N. 0° 22' W. 424 ft. Hertford.			Clacton. 51° 47' N. 1° 9' E. 54 ft. Essex.			Shoeburyness. 51° 32' N. 0° 47' E. 13 ft. Essex.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41.7	33.3	37.5	42.4	32.0	37.2	41.8	33.9	37.9	42.9	33.7	38.3
F.	43.9	33.4	38.7	44.3	32.6	38.5	42.9	34.4	38.7	44.8	34.4	39.6
M.	47.8	34.4	41.1	48.3	33.8	41.1	46.2	35.8	41.0	48.4	35.8	42.1
A.	54.0	38.0	46.0	54.5	36.9	45.7	50.9	40.2	45.6	54.3	39.5	46.9
M.	61.2	43.2	52.2	60.9	42.6	51.8	57.5	45.5	51.5	60.9	45.1	53.0
J.	67.0	48.6	57.8	66.4	48.3	57.4	63.5	50.9	57.2	66.9	51.3	59.1
J.	70.3	52.2	61.3	69.8	51.7	60.8	67.7	54.7	61.2	70.8	54.7	62.8
A.	69.4	51.5	60.5	68.6	51.1	59.9	67.5	54.9	61.2	70.1	54.7	62.4
S.	64.8	48.2	56.5	64.0	47.3	55.7	63.3	51.6	57.5	65.6	51.1	58.4
O.	55.7	42.5	49.1	55.5	41.7	48.6	55.7	45.7	50.7	57.3	45.4	51.4
N.	48.1	37.4	42.8	48.6	36.7	42.7	48.5	39.7	44.1	49.7	39.7	44.7
D.	43.2	34.6	38.9	44.0	33.7	38.9	43.4	35.8	39.6	44.9	35.9	40.4
Y.	55.6	41.4	48.5	55.6	40.7	48.2	54.1	43.6	48.9	56.4	43.4	49.9

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

## ENGLAND, E. AND MIDLAND COUNTIES.

MONTHS.	Southend. 51° 32' N. 0° 43' E. 90 ft. Essex.			Garforth. 53° 48' N. 1° 22' W. 192 ft. York.			Harrogate 54° 0' N. 1° 33' W. 479 ft. York.			Sheffield. 53° 23' N. 1° 29' W. 429 ft. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41.9	33.6	37.8	42.4	30.4	36.4	41.2	32.2	36.7	42.7	34.2	38.5
F.	44.4	34.2	39.3	44.2	30.9	37.6	42.7	32.6	37.7	44.0	34.6	39.3
M.	48.1	35.5	41.8	47.8	31.8	39.8	46.0	33.7	39.9	47.0	35.4	41.2
A.	54.2	39.8	47.0	53.4	34.1	43.8	51.7	36.6	44.2	52.4	38.7	45.6
M.	60.6	45.4	53.0	59.2	39.5	49.4	57.5	41.3	49.4	58.5	43.5	51.0
J.	66.6	51.2	58.9	65.6	45.0	55.3	63.8	47.2	55.5	64.6	49.1	56.9
J.	70.6	54.7	62.7	68.2	48.4	58.3	66.3	50.5	58.4	67.3	52.7	60.0
A.	70.4	54.7	62.6	66.9	47.8	57.4	65.2	50.3	57.8	66.5	52.2	59.4
S.	65.6	51.6	58.6	62.9	43.9	53.4	60.9	47.0	54.0	62.3	48.9	55.6
O.	57.0	45.7	51.4	54.4	38.7	46.6	52.9	41.5	47.2	54.3	43.5	48.9
N.	49.0	39.5	44.3	47.9	35.0	41.5	46.7	37.1	41.9	48.1	39.2	43.7
D.	43.6	35.3	39.5	43.8	31.8	37.8	42.3	33.5	37.9	44.0	35.5	39.8
Y.	56.0	43.4	49.7	54.7	38.1	46.4	53.1	40.3	46.7	54.3	42.3	48.3
MONTHS.	Belper. 53° 2' N. 1° 29' W. 280 ft. Derby.			Buxton. 53° 16' N. 1° 55' W. 987 ft. Derby.			Bawtry. 53° 27' N. 1° 4' W. 65 ft. Nottingham.			Nottingham. 52° 56' N. 1° 9' W. 82 ft. Nottingham.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41.6	32.2	36.9	40.1	30.5	35.3	42.6	32.2	37.4	42.6	32.6	37.6
F.	43.5	32.7	38.1	41.5	30.7	36.1	45.0	33.1	39.1	44.6	33.2	38.9
M.	47.3	34.0	40.7	44.7	31.6	38.2	49.0	34.1	41.6	48.3	34.3	41.3
A.	53.1	37.6	45.4	50.8	34.9	42.9	55.3	36.9	46.1	54.1	37.8	46.0
M.	59.1	42.9	51.0	57.1	39.9	48.5	61.7	41.7	51.7	60.4	43.2	51.8
J.	65.0	48.5	56.8	63.2	45.5	54.4	67.7	47.8	57.8	66.7	48.8	57.8
J.	67.8	51.9	59.9	65.5	49.2	57.4	70.3	51.0	60.7	69.7	52.2	61.0
A.	66.2	51.3	58.8	64.3	48.5	56.4	69.1	50.4	59.8	68.4	51.2	59.8
S.	62.0	47.4	54.7	60.1	44.5	52.3	64.5	46.3	55.4	64.0	47.4	55.7
O.	53.7	41.5	47.6	52.0	39.4	45.7	55.4	40.7	48.1	55.3	41.7	48.5
N.	47.1	37.0	42.1	45.5	35.2	40.4	48.4	36.8	42.6	48.4	37.1	42.8
D.	42.8	33.5	38.2	41.4	31.7	36.6	43.6	33.2	38.4	44.2	33.9	39.1
Y.	54.1	40.9	47.5	52.2	38.5	45.4	56.1	40.3	48.2	55.6	41.1	48.4



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT) 1881-1915—continued.

## MIDLAND COUNTIES.

MONTHS.	Hodsock. Workshop. 53° 22' N. 1° 5' W. 56 ft. Nottingham.			Belvoir Castle. 52° 54' N. 0° 47' W. 259 ft. Leicester.			Raunds. 52° 22' N. 0° 33' W. 203 ft. Northampton.			Birmingham. 52° 28' N. 1° 56' W. 535 ft. Warwick.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43·0	31·8	37·4	42·2	32·8	37·5	42·8	30·2	36·5	42·0	33·6	37·8
F.	45·4	32·5	39·0	44·1	33·4	38·8	45·8	30·8	38·3	43·7	34·1	38·9
M.	49·4	33·8	41·6	47·9	34·1	41·0	50·4	32·3	41·4	47·1	35·0	41·1
A.	55·1	36·5	45·8	53·8	37·3	45·6	56·7	36·0	46·4	53·2	38·4	45·8
M.	61·1	41·9	51·5	60·1	42·6	51·4	63·0	41·9	52·5	59·8	43·8	51·8
J.	67·0	47·5	57·3	66·1	48·4	57·3	68·9	47·4	58·2	65·5	49·4	57·5
J.	69·8	51·0	60·4	69·5	51·9	60·7	72·5	51·2	61·9	68·4	52·7	60·6
A.	68·7	50·3	59·5	68·1	51·3	59·7	71·3	50·4	60·9	67·0	52·0	59·5
S.	64·4	46·3	55·4	63·6	47·7	55·7	66·9	46·6	56·8	62·5	48·8	55·7
O.	55·9	41·0	48·5	55·0	41·8	48·4	57·0	40·7	48·9	54·0	43·2	48·6
N.	48·9	36·6	42·8	48·0	37·5	42·8	49·0	35·2	42·1	47·6	38·4	43·0
D.	44·1	33·1	38·6	43·7	33·9	38·8	44·0	31·7	37·9	43·2	34·9	39·1
Y.	56·1	40·2	48·2	55·2	41·1	48·2	57·4	39·5	48·5	54·5	42·0	48·3
MONTHS.	Coventry. 52° 25' N. 1° 30' W. 270 ft. Warwick.			Oxford. 51° 46' N. 1° 16' W. 208 ft. Oxford.			Cheadle. 52° 58' N. 1° 57' W. 646 ft. Stafford.			Shrewsbury. 52° 43' N. 2° 45' W. 191 ft. Shropshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43·3	32·5	37·9	43·3	33·5	38·4	41·0	32·0	36·5	44·9	33·3	39·1
F.	45·2	33·3	39·3	45·4	34·0	39·7	42·9	32·6	37·8	45·7	34·0	39·9
M.	49·2	34·6	41·9	49·2	34·9	42·1	46·5	33·7	40·1	49·4	34·8	42·1
A.	55·4	38·0	46·7	55·3	38·6	47·0	52·4	37·0	44·7	55·2	37·7	46·5
M.	62·2	43·2	52·7	61·4	44·2	52·8	58·4	42·3	50·4	61·1	42·5	51·8
J.	67·9	48·8	58·4	67·0	49·9	58·5	64·2	47·9	56·1	66·9	48·2	57·6
J.	70·7	52·3	61·5	70·2	53·5	61·9	66·5	51·2	58·9	69·7	51·5	60·6
A.	69·5	51·4	60·5	69·1	52·6	60·9	65·4	50·4	57·9	67·9	50·9	59·4
S.	64·8	47·9	56·4	64·8	48·4	56·6	61·4	47·2	54·3	63·7	47·0	55·4
O.	55·8	42·3	49·1	56·2	42·5	49·4	53·1	41·5	47·3	55·4	41·7	48·6
N.	49·0	37·4	43·2	49·1	37·9	43·5	46·7	36·9	41·8	49·5	37·3	43·4
D.	44·6	34·0	39·3	44·6	35·1	39·9	42·3	33·2	37·8	46·1	34·7	40·4
Y.	56·5	41·3	48·9	56·3	42·1	49·2	53·4	40·5	47·0	56·3	41·1	48·7

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.

## MIDLAND COUNTIES AND LONDON.

MONTHS.	Wistanstow. 52° 28' N. 2° 50' W. 481 ft. Shropshire.			Hereford. 52° 5' N. 2° 45' W. 291 ft. Hereford.			Ross on Wye. 51° 54' N. 2° 34' W. 213 ft. Hereford.			Cheltenham. 51° 54' N. 2° 3' W. 213 ft. Gloucester.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43·8	32·9	38·4	43·5	32·7	38·1	43·8	33·2	38·5	43·2	33·2	38·2
F.	45·2	33·2	39·2	45·5	33·3	39·4	46·0	33·8	39·9	45·1	33·8	39·5
M.	48·7	33·8	41·3	49·5	34·5	42·0	50·1	35·0	42·6	48·9	34·7	41·8
A.	54·7	36·6	45·7	55·6	37·9	46·8	56·4	38·5	47·5	54·9	38·0	46·5
M.	61·3	41·8	51·6	62·0	42·8	52·4	63·0	43·6	53·3	61·6	43·3	52·5
J.	67·3	47·2	57·3	67·7	48·3	58·0	68·7	49·1	58·9	67·3	49·1	58·2
J.	69·8	50·1	60·0	70·4	51·5	61·0	71·4	52·6	62·0	70·2	52·6	61·4
A.	68·8	49·4	59·1	69·2	50·7	60·0	70·1	51·7	60·9	69·1	51·6	60·4
S.	64·3	45·3	54·8	64·4	46·7	55·6	65·3	47·7	56·5	64·4	47·6	56·0
O.	55·8	40·2	48·0	55·7	41·5	48·6	56·1	42·1	49·1	55·8	42·1	49·0
N.	49·1	36·8	43·0	49·0	37·2	43·1	49·3	37·8	43·6	48·9	37·8	43·4
D.	44·7	33·7	39·2	44·8	34·2	39·5	45·1	34·9	40·0	44·9	35·0	40·0
Y.	56·1	40·1	48·1	56·4	40·9	48·7	57·1	41·7	49·4	56·2	41·6	48·9
MONTHS.	Cirencester. 51° 43' N. 1° 57' W. 446 ft. Gloucester.			Clifton. 51° 27' N. 2° 37' W. 229 ft. Gloucester.			Camden Square.* 51° 33' N. 0° 8' W. 110 ft. London.			Greenwich.* 51° 28' N. 0° 0' W. 149 ft. London.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42·6	31·5	37·1	43·8	35·2	39·5	43·5	34·0	38·8	43·0	34·1	38·5
F.	44·4	32·0	38·2	45·5	35·7	40·6	45·6	34·4	40·0	45·3	34·4	39·8
M.	48·0	33·2	40·6	48·5	36·5	42·5	50·1	35·6	42·9	49·7	35·2	42·5
A.	54·3	36·6	45·5	54·4	40·9	47·7	57·4	39·4	48·4	56·5	38·6	47·6
M.	60·5	42·0	51·3	61·9	46·3	54·1	64·9	45·2	55·1	64·0	44·0	54·0
J.	66·0	47·7	56·9	67·1	52·0	59·6	70·9	51·0	61·0	70·0	49·7	59·9
J.	69·2	51·1	60·2	69·7	55·7	62·7	74·1	54·4	64·3	73·7	53·3	63·5
A.	68·0	49·9	59·0	68·7	55·1	61·9	72·6	53·7	63·2	72·5	52·7	62·6
S.	63·6	46·8	55·2	64·4	51·3	57·9	67·4	49·8	58·6	66·9	49·1	58·0
O.	54·9	41·0	48·0	55·8	44·8	50·3	57·5	43·9	50·7	57·3	43·1	50·2
N.	48·0	36·3	42·2	49·2	40·2	44·7	49·7	38·9	44·3	49·4	38·6	44·0
D.	44·2	32·9	38·6	45·6	36·9	41·3	45·1	35·8	40·5	44·7	35·6	40·2
Y.	55·3	40·1	47·7	56·2	44·2	50·2	58·2	43·0	50·6	57·8	42·4	50·1

\* The thermometers at Camden Square and at the Royal Observatory, Greenwich are shaded from direct sunshine but are not in Stevenson Screens.



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
LONDON AND ENGLAND, S.E.

MONTHS.	Richmond (Kew Obs.). 51° 28' N. 0° 19' W. 18 ft. Surrey.			St. James' Park, Westminster. 51° 30' N. 0° 8' W. 27 ft. London.			Dungeness. 50° 55' N. 0° 58' E. 21 ft. Kent.			Margate. 51° 24' N. 1° 24' E. 51 ft. Kent.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.1	34.6	38.9	44.2	34.9	39.6	43.8	34.7	39.3	43.4	35.0	39.2
F.	45.0	35.1	40.1	45.8	35.5	40.7	44.5	35.2	39.9	44.6	35.6	40.1
M.	48.7	36.0	42.4	49.5	36.6	43.1	47.0	36.4	41.7	47.9	37.0	42.5
A.	55.0	39.5	47.3	55.6	40.7	48.2	51.7	40.5	46.1	52.9	40.8	46.9
M.	61.7	45.0	53.4	62.0	46.2	54.1	57.8	46.1	52.0	59.1	46.1	52.6
J.	67.6	50.8	59.2	67.4	51.9	59.7	62.8	51.7	57.3	64.5	51.6	58.1
J.	71.0	54.3	62.7	71.0	55.3	63.2	66.6	55.1	60.9	69.1	55.1	62.1
A.	69.7	53.5	61.6	70.0	54.9	62.5	67.3	55.5	61.4	68.7	55.4	62.1
S.	64.9	49.3	57.1	65.4	51.0	58.2	64.3	52.0	58.2	64.7	52.9	58.8
O.	56.2	43.5	49.9	57.1	45.2	51.2	57.4	46.0	51.7	57.0	46.5	51.8
N.	49.1	38.8	44.0	50.3	39.7	45.0	50.7	40.7	45.7	50.1	40.9	45.5
D.	44.7	35.9	40.3	45.9	36.7	41.3	46.2	37.1	41.7	45.5	36.7	41.1
Y.	56.4	43.0	49.7	57.0	44.0	50.5	55.0	44.3	49.7	55.6	44.5	50.1
MONTHS.	Tunbridge Wells. 51° 8' N. 0° 16' E. 421 ft. Kent.			Wisley. 51° 17' N. 0° 26' W. 150 ft. Surrey.			Bognor. 50° 47' N. 0° 40' W. 20 ft. Sussex.			Brighton. 50° 49' N. 0° 8' W. 31 ft. Sussex.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.4	32.8	37.6	43.0	33.3	38.2	44.2	35.7	40.0	44.1	35.8	40.0
F.	44.6	33.3	39.0	44.8	33.9	39.4	44.9	36.2	40.6	45.2	36.3	40.8
M.	48.4	35.2	41.8	48.9	34.9	41.9	47.9	37.1	42.5	48.1	37.4	42.8
A.	54.8	38.5	46.7	55.3	38.3	46.8	52.9	40.9	46.9	53.9	41.2	47.6
M.	61.2	43.5	52.4	62.1	43.3	52.7	59.4	45.9	52.7	60.7	46.6	53.7
J.	66.8	49.0	57.9	67.4	48.9	58.2	64.2	51.1	57.7	65.7	52.0	58.9
J.	70.5	52.4	61.5	71.0	52.4	61.7	67.3	54.5	60.9	68.9	55.4	62.2
A.	69.4	52.0	60.7	70.1	51.7	60.9	67.2	54.9	61.1	68.8	55.5	62.2
S.	65.2	48.4	56.8	65.3	47.5	56.4	63.9	51.8	57.9	65.5	52.2	58.9
O.	56.6	43.3	50.0	56.4	42.0	49.2	56.9	46.2	51.6	57.8	46.5	52.2
N.	48.9	37.7	43.3	49.3	37.4	43.4	50.7	41.0	45.9	50.7	41.5	46.1
D.	44.8	35.2	40.0	44.7	35.1	39.9	46.4	37.7	42.1	46.2	37.8	42.0
Y.	56.1	41.8	49.0	56.5	41.6	49.1	55.5	44.4	50.0	56.3	44.9	50.6

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
ENGLAND, S.E.

MONTHS.	Eastbourne. 50° 46' N. 0° 17' E. 35 ft. Sussex.			St. Leonards. 50° 51' N. 0° 33' E. 178 ft. Sussex.			Worthing. 50° 49' N. 0° 22' W. 35 ft. Sussex.			Reading. 51° 26' N. 0° 57' W. 264 ft. Berkshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.6	36.4	40.5	43.6	35.5	39.6	43.9	34.9	39.4	43.2	32.2	37.7
F.	45.5	36.7	41.1	44.5	36.0	40.3	45.2	35.6	40.4	45.3	32.9	39.1
M.	48.0	37.6	42.8	47.5	37.2	42.4	48.2	36.7	42.5	49.1	33.9	41.5
A.	53.0	41.1	47.1	52.8	40.9	46.9	53.6	40.4	47.0	55.6	37.1	46.4
M.	58.9	46.2	52.6	59.1	46.1	52.6	60.2	45.8	53.0	61.7	43.0	52.4
J.	64.0	51.6	57.8	64.2	51.4	57.8	64.8	51.2	58.0	67.0	48.8	57.9
J.	67.1	55.2	61.2	67.5	54.9	61.2	67.8	54.6	61.2	70.5	52.2	61.4
A.	67.7	55.6	61.7	67.7	55.2	61.5	68.0	54.7	61.4	69.6	51.1	60.4
S.	64.4	52.3	58.4	64.4	52.1	58.3	64.9	51.5	58.2	65.3	47.5	56.4
O.	57.6	46.6	52.1	57.1	46.5	51.8	57.5	45.7	51.6	56.3	41.9	49.1
N.	51.4	41.9	46.7	50.3	41.2	45.8	50.7	40.4	45.6	49.2	36.8	43.0
D.	47.2	38.5	42.9	45.8	37.5	41.7	46.0	37.0	41.5	44.7	33.9	39.3
Y.	55.8	45.0	50.4	55.4	44.5	50.0	55.9	44.0	50.0	56.5	40.9	48.7
MONTHS.	Wokingham. 51° 23' N. 0° 48' W. 215 ft. Berkshire.			Bournemouth. 50° 43' N. 1° 53' W. 145 ft. Hampshire.			Graysott. 51° 7' N. 0° 46' W. 661 ft. Hampshire.			Portsmouth. 50° 48' N. 1° 6' W. 11 ft. Hampshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.0	30.3	36.7	44.7	34.8	39.8	42.3	33.1	37.7	44.8	35.4	40.1
F.	45.0	30.7	37.9	46.1	35.2	40.7	43.7	33.3	38.5	46.0	36.0	41.0
M.	49.1	32.1	40.6	49.4	36.1	42.8	47.6	35.1	41.4	49.4	37.1	43.3
A.	55.7	34.7	45.2	55.1	39.3	47.2	54.0	37.7	45.9	55.0	40.6	47.8
M.	62.1	39.8	51.0	61.5	44.5	53.0	60.9	43.4	52.2	61.7	46.2	54.0
J.	67.1	45.9	56.5	66.6	49.9	58.3	64.8	48.2	56.5	66.9	51.7	59.3
J.	70.7	48.9	59.8	69.7	53.3	61.5	68.5	51.9	60.2	70.0	55.2	62.6
A.	69.8	48.1	59.0	69.3	53.1	61.2	67.6	51.6	59.6	69.7	55.4	62.6
S.	65.1	44.3	54.7	65.4	49.4	57.4	63.3	48.5	55.9	65.7	51.7	58.7
O.	56.4	39.3	47.9	57.4	44.4	50.9	55.9	44.1	50.0	58.0	46.0	52.0
N.	49.3	34.4	41.9	50.7	39.4	45.1	47.4	37.0	42.2	51.1	40.9	46.0
D.	44.4	32.5	38.5	46.3	36.9	41.6	43.9	35.4	39.7	46.8	37.7	42.3
Y.	56.5	38.4	47.5	56.9	43.0	50.0	55.0	41.6	48.3	57.1	44.5	50.8



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—*continued*.  
ENGLAND, S.E. AND ENGLAND, N.W.

MONTHS.	Southampton. 50° 55' N. 1° 24' W. 64 ft. Hampshire.			Totland Bay. 50° 41' N. 1° 38' W. 140 ft. Hampshire.			Ventnor. 50° 36' N. 1° 13' W. 59 ft. Hampshire.			Marlborough. 51° 25' N. 1° 44' W. 424 ft. Wiltshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.8	35.3	40.1	44.2	36.4	40.3	45.6	37.7	41.7	42.8	31.9	37.4
F.	46.9	35.7	41.3	45.1	36.4	40.8	46.4	37.8	42.1	44.6	32.4	38.5
M.	50.6	36.6	43.6	47.9	37.4	42.7	49.1	38.7	43.9	48.2	33.3	40.8
A.	56.7	40.3	48.5	53.3	40.8	47.1	54.1	42.0	48.1	54.5	36.3	45.4
M.	63.2	45.7	54.5	59.5	45.6	52.6	60.0	47.0	53.5	61.2	41.3	51.3
J.	68.4	51.2	59.8	64.3	51.2	57.8	64.8	52.3	58.6	66.8	46.7	56.8
J.	71.5	54.6	63.1	66.9	55.1	61.0	67.8	55.8	61.8	69.5	49.8	59.7
A.	70.7	54.1	62.4	67.5	55.8	61.7	68.0	56.4	62.2	68.5	49.0	58.8
S.	66.5	50.2	58.4	64.0	51.8	57.9	64.8	53.9	59.4	64.1	45.0	54.6
O.	58.3	44.6	51.5	57.0	46.6	51.8	58.0	48.5	53.3	55.5	40.3	47.9
N.	51.0	39.7	45.4	50.7	41.8	46.3	51.8	43.4	47.6	48.5	35.9	42.2
D.	46.6	36.9	41.8	46.5	38.6	42.6	47.7	39.9	43.8	44.2	33.3	38.8
Y.	57.9	43.7	50.8	55.6	44.8	50.2	56.5	46.1	51.3	55.7	39.6	47.7
MONTHS.	Salisbury* (Wilton Ho.). 51° 4' N. 1° 51' W. 180 ft. Wiltshire.			Aspatria. 54° 46' N. 3° 13' W. 487 ft. Cumberland.			Newton Rigg. 54° 40' N. 2° 49' W. 559 ft. Cumberland.			Scaleby. 54° 54' N. 2° 52' W. 111 ft. Cumberland.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.3	31.2	37.8	42.6	33.5	38.1	41.9	31.9	36.9	42.7	32.4	37.6
F.	46.6	31.6	39.1	43.8	33.4	38.6	43.0	31.1	37.1	44.3	32.3	38.3
M.	50.6	32.6	41.6	46.5	34.2	40.4	46.4	32.6	39.5	47.3	33.7	40.5
A.	57.5	36.0	46.8	52.4	37.1	44.8	52.0	35.7	43.9	53.4	36.9	45.2
M.	64.8	41.4	53.1	58.1	41.9	50.0	58.9	40.3	49.6	59.4	41.7	50.6
J.	70.1	47.0	58.6	64.3	47.7	56.0	65.4	45.9	55.7	65.5	47.2	56.4
J.	73.4	50.5	62.0	65.6	50.6	58.1	67.6	49.2	58.4	67.0	50.3	58.7
A.	71.9	49.7	60.8	64.9	50.5	57.7	65.4	48.5	57.0	65.9	49.8	57.9
S.	67.1	45.6	56.4	61.9	46.6	54.3	61.8	44.5	53.2	62.3	46.2	54.3
O.	58.2	40.2	49.2	54.0	41.1	47.6	53.7	39.7	46.7	54.5	40.7	47.6
N.	50.7	35.5	43.1	47.5	37.2	42.4	46.6	34.8	40.7	47.5	36.1	41.8
D.	45.9	32.8	39.4	43.5	34.4	39.0	42.4	32.3	37.4	43.5	33.1	38.3
Y.	58.4	39.5	49.0	53.8	40.7	47.3	53.8	38.9	46.4	54.4	40.0	47.2

\* The thermometers at Salisbury were, until recently, exposed on a Glaisher Stand, not in a Stevenson Screen.

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—*continued*.  
ENGLAND, N.W.

MONTHS.	Blackpool. 53° 49' N. 3° 3' W. 66 ft. Lancashire.			Carnforth. 54° 8' N. 2° 44' W. 174 ft. Lancashire.			Southport. 53° 39' N. 2° 59' W. 37 ft. Lancashire.			Stonyhurst. 53° 51' N. 2° 28' W. 375 ft. Lancashire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.0	34.3	38.7	42.7	32.8	37.8	42.7	34.6	38.7	41.8	33.7	37.8
F.	44.0	34.5	39.3	44.3	32.9	38.6	44.3	34.8	39.6	43.1	33.9	38.5
M.	46.7	35.6	41.2	46.9	34.3	40.6	47.0	36.0	41.5	45.9	34.8	40.4
A.	52.2	38.6	45.4	52.7	38.2	45.5	52.4	39.0	45.7	51.5	38.0	44.8
M.	57.9	43.5	50.7	58.9	43.4	51.2	58.4	44.1	51.3	57.8	43.2	50.5
J.	63.5	49.3	56.4	64.5	48.7	56.6	63.6	49.9	56.8	63.8	48.7	56.3
J.	65.5	53.1	59.3	65.9	51.9	58.9	65.4	53.4	59.4	65.5	51.9	58.7
A.	64.8	52.8	58.8	64.8	51.6	58.2	65.0	53.0	59.0	64.2	51.4	57.8
S.	61.9	49.2	55.6	61.8	48.3	55.1	61.9	49.1	55.5	60.6	47.9	54.3
O.	54.9	43.5	49.2	54.6	43.1	48.9	54.8	43.5	49.2	53.0	42.5	47.8
N.	48.7	38.9	43.8	48.2	37.7	43.0	48.3	39.0	43.7	47.0	38.1	42.6
D.	44.5	35.6	40.1	44.0	34.3	39.2	44.3	36.0	40.2	43.2	34.8	39.0
Y.	54.0	42.4	48.2	54.1	41.4	47.8	54.0	42.7	48.4	53.1	41.6	47.4
MONTHS.	Bidston (Liverpool). 53° 24' N. 3° 4' W. 188 ft. Cheshire.			Oldham Road (Manchester). 53° 29' N. 2° 13' W. 190 ft. Lancashire.			Whitworth Park (Manchester). 53° 28' N. 2° 14' W. 124 ft. Lancashire.			Hawarden Bridge. 53° 12' N. 3° 1' W. 22 ft. Cheshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.3	35.3	39.3	43.2	35.8	39.5	43.3	34.8	39.1	44.6	35.1	39.9
F.	44.2	35.6	39.9	44.5	36.2	40.4	45.0	35.1	40.1	46.1	35.0	40.6
M.	46.9	36.9	41.9	47.6	37.4	42.5	48.1	36.4	42.3	48.7	36.7	42.7
A.	52.4	40.2	46.3	53.8	40.4	47.1	54.0	39.5	46.8	54.2	39.9	47.1
M.	58.2	45.3	51.8	60.4	46.1	53.3	60.1	45.1	52.6	59.8	44.9	52.4
J.	63.6	51.0	57.3	66.3	51.8	59.1	66.0	50.7	58.4	65.5	50.5	58.0
J.	65.7	54.2	60.0	68.1	54.9	61.5	68.0	53.6	60.8	67.7	53.6	60.7
A.	65.0	53.9	59.5	66.9	54.2	60.6	67.1	52.7	59.9	67.3	53.3	60.3
S.	61.4	50.7	56.1	63.2	51.1	57.2	63.4	49.3	56.4	63.5	49.3	56.4
O.	54.1	44.8	49.5	55.2	45.7	50.5	55.5	44.0	49.8	56.2	43.8	50.0
N.	48.5	40.2	44.4	48.3	40.1	44.2	48.5	38.7	43.6	50.3	39.2	44.8
D.	44.8	36.8	40.8	44.6	37.3	41.0	44.5	36.2	40.4	46.4	36.6	41.5
Y.	54.0	43.7	48.9	55.2	44.3	49.8	55.3	43.0	49.2	55.9	43.2	49.6



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
ENGLAND, N.W. AND WALES.

MONTHS.	Hoylake. 53° 23' N. 3° 12' W. 30 ft. Cheshire.			Macclesfield. 53° 16' N. 2° 8' W. 500 ft. Cheshire.			Rhyl. 53° 19' N. 3° 29' W. 30 ft. Flint.			Holyhead. 53° 18' N. 4° 39' W. 15 ft. Anglesey.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.4	35.3	39.9	41.5	32.3	36.9	45.6	35.2	40.4	45.2	38.4	41.8
F.	45.7	35.6	40.7	43.2	32.8	38.0	46.3	35.4	40.9	45.4	38.0	41.7
M.	48.3	37.2	42.8	46.5	33.9	40.2	47.8	36.7	42.3	46.9	38.4	42.7
A.	53.6	40.2	46.9	52.5	37.4	45.0	52.5	39.9	46.2	51.2	41.5	46.4
M.	59.4	45.0	52.2	58.3	42.3	50.3	57.9	44.5	51.2	56.0	45.6	50.8
J.	64.8	50.8	57.8	64.6	48.0	56.3	63.6	50.3	57.0	61.0	50.6	55.8
J.	66.4	53.8	60.1	66.9	51.3	59.1	65.3	53.4	59.4	63.3	53.6	58.5
A.	66.2	53.6	59.9	65.7	50.9	58.3	65.0	53.3	59.2	63.4	54.0	58.7
S.	63.2	50.1	56.7	61.9	47.3	54.6	62.3	49.5	55.9	61.0	51.8	56.4
O.	55.9	44.6	50.3	53.6	41.5	47.6	55.8	44.2	50.0	55.1	46.9	51.0
N.	50.2	39.9	45.1	47.0	36.9	42.0	50.5	39.4	45.0	50.2	42.9	46.6
D.	46.0	36.6	41.3	42.8	33.6	38.2	47.4	36.6	42.0	46.9	39.9	43.4
Y.	55.3	43.6	49.5	53.7	40.7	47.2	55.0	43.2	49.1	53.8	45.1	49.5
MONTHS.	Llandudno. 53° 20' N. 3° 50' W. 71 ft. Carnarvon.			Bettws-y-Coed. 53° 7' N. 3° 53' W. 148 ft. Denbigh.			Aberdovey. 52° 33' N. 4° 4' W. 22 ft. Merioneth.			St. Ann's Head. 51° 41' N. 5° 11' W. 19 ft. Pembroke.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.4	37.3	41.4	44.9	34.6	39.8	44.7	38.1	41.4	45.9	39.4	42.7
F.	46.1	37.3	41.7	45.9	34.6	40.3	45.8	38.6	42.2	45.6	38.9	42.3
M.	47.9	38.0	43.0	48.2	35.4	41.8	47.7	39.3	43.5	46.7	39.0	42.9
A.	52.5	41.0	46.8	53.3	38.5	45.9	52.9	42.9	47.9	50.6	42.0	46.3
M.	57.9	45.6	51.8	58.9	43.0	51.0	58.7	47.4	53.1	55.2	46.1	50.7
J.	63.5	51.1	57.3	64.4	48.3	56.4	63.7	53.3	58.5	60.0	51.3	55.7
J.	66.0	54.2	60.1	66.4	51.1	58.8	65.6	56.2	60.9	62.3	54.5	58.4
A.	65.5	54.2	59.9	65.6	51.0	58.3	65.5	56.3	60.9	62.8	55.1	59.0
S.	62.5	51.4	57.0	62.8	46.7	54.8	62.9	53.2	58.1	60.8	52.8	56.8
O.	55.7	46.2	51.0	55.3	41.9	48.6	56.6	47.9	52.3	55.6	48.1	51.9
N.	50.5	41.7	46.1	49.1	37.8	43.5	50.4	42.6	46.5	51.1	43.9	47.5
D.	46.9	38.7	42.8	46.0	35.9	41.0	46.4	40.4	43.4	48.1	41.3	44.7
Y.	55.0	44.7	49.9	55.1	41.6	48.4	55.1	46.4	50.8	53.7	46.0	49.9

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
WALES AND ENGLAND, S.W.

MONTHS.	Gwernyfed Park. 52° 5' N. 3° 15' W. 374 ft. Brecknock.			Llangammarch Wells. 52° 7' N. 3° 32' W. 550 ft. Brecknock.			Cardiff. 51° 28' N. 3° 10' W. 202 ft. Glamorgan.			Bath. 51° 23' N. 2° 21' W. 66 ft. Somerset.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.3	31.8	37.6	43.3	32.6	38.0	43.6	34.1	38.9	44.7	33.8	39.3
F.	45.2	32.1	38.7	44.9	32.2	38.6	45.1	34.9	40.0	46.6	33.9	40.3
M.	48.5	33.5	41.0	47.7	33.1	40.4	48.3	35.6	42.0	49.8	34.8	42.3
A.	54.5	36.6	45.6	53.3	36.0	44.7	53.6	39.5	46.6	55.2	38.7	47.0
M.	61.2	41.3	51.3	59.6	40.2	49.9	60.0	44.6	52.3	61.8	44.1	53.0
J.	66.5	46.5	56.5	64.9	45.9	55.4	65.4	50.2	57.8	66.8	49.8	58.3
J.	69.0	49.7	59.4	68.0	49.1	58.6	67.7	53.2	60.5	69.8	53.2	61.5
A.	68.0	49.1	58.6	66.5	48.8	57.7	67.2	52.8	60.0	69.2	52.2	60.7
S.	63.8	44.9	54.4	62.4	44.4	53.4	63.1	49.1	56.1	65.4	48.0	56.7
O.	55.2	40.2	47.7	55.2	40.3	47.8	55.7	43.9	49.8	57.5	42.3	49.9
N.	48.8	36.1	42.5	47.8	34.8	41.3	49.1	38.3	43.7	50.4	37.4	43.9
D.	44.9	33.3	39.1	45.1	34.0	39.6	45.4	36.3	40.9	46.5	35.1	40.8
Y.	55.7	39.6	47.7	54.9	39.3	47.1	55.4	42.7	49.1	57.0	41.9	49.5
MONTHS.	Weston-super-Mare. 51° 20' N. 2° 59' W. 129 ft. Somerset.			Portland Bill. 50° 32' N. 2° 27' W. 19 ft. Dorset.			Shaftesbury. 51° 1' N. 2° 12' W. 722 ft. Dorset.			Arlington. 51° 8' N. 3° 58' W. 613 ft. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.0	36.3	40.7	45.5	38.7	42.1	41.8	33.4	37.6	43.9	34.4	39.2
F.	46.2	36.5	41.4	45.6	38.5	42.1	43.5	33.6	38.6	44.9	34.3	39.6
M.	49.0	37.6	43.3	47.5	39.1	43.3	46.9	34.7	40.8	47.4	35.1	41.3
A.	54.3	41.4	47.9	51.6	42.3	47.0	53.0	38.3	45.7	52.7	38.5	45.6
M.	60.2	46.5	53.4	56.9	46.8	51.9	59.4	43.4	51.4	58.6	43.2	50.9
J.	65.4	52.0	58.7	61.6	52.2	56.9	64.8	48.7	56.8	63.7	48.5	56.1
J.	67.9	55.6	61.8	64.5	55.8	60.2	67.9	52.4	60.2	65.9	51.6	58.8
A.	67.6	55.2	61.4	65.2	56.5	60.9	67.1	51.9	59.5	65.5	51.5	58.5
S.	64.4	51.5	58.0	62.9	54.1	58.5	63.0	49.1	56.1	62.3	48.6	55.5
O.	57.0	45.9	51.5	56.9	48.8	52.9	54.7	43.6	49.2	55.1	43.6	49.4
N.	50.9	41.1	46.0	51.7	44.3	48.0	48.0	38.6	43.3	49.3	39.0	44.2
D.	46.9	38.0	42.5	48.1	41.2	44.7	43.6	35.0	39.3	45.7	36.2	41.0
Y.	56.2	44.8	50.5	54.8	46.5	50.7	54.5	41.9	48.2	54.6	42.0	48.3



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
ENGLAND, S.W.

MONTHS.	Ashburton. 50° 32' N. 3° 46' W. 583 ft. Devon.			Cullompton. 50° 51' N. 3° 23' W. 202 ft. Devon.			Ilfracombe. 51° 12' N. 4° 8' W. 24 ft. Devon.			Plymouth. 50° 22' N. 4° 8' W. 116 ft. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.7	36.3	41.0	45.2	34.1	39.7	46.9	39.6	43.3	46.7	37.7	42.2
F.	46.8	36.4	41.6	46.6	34.6	40.6	47.1	39.5	43.3	47.3	37.7	42.5
M.	49.8	37.3	43.6	50.0	35.3	42.7	48.6	40.2	44.4	49.7	38.2	44.0
A.	54.8	40.9	47.9	55.8	38.8	47.3	52.8	43.6	48.2	54.5	41.9	48.2
M.	60.4	45.7	53.1	62.2	43.6	52.9	58.0	48.0	53.0	59.9	46.7	53.3
J.	65.5	50.7	58.1	67.5	48.8	58.2	62.9	53.2	58.1	64.7	51.9	58.3
J.	67.1	53.9	60.5	70.2	51.9	61.1	65.4	56.4	60.9	67.4	54.8	61.1
A.	67.9	53.7	60.8	69.4	51.1	60.3	65.6	57.0	61.3	67.1	54.7	60.9
S.	64.3	50.8	57.6	65.4	47.4	56.4	63.1	54.3	58.7	63.9	51.6	57.8
O.	57.4	45.7	51.6	57.3	42.4	49.9	57.1	49.4	53.3	57.4	46.2	51.8
N.	51.3	41.1	46.2	50.6	38.0	44.3	52.1	44.9	48.5	51.8	42.0	46.9
D.	47.3	38.1	42.7	46.8	35.6	41.2	48.8	41.7	45.3	48.6	39.6	44.1
Y.	56.6	44.2	50.4	57.3	41.8	49.6	55.7	47.3	51.5	56.6	45.3	51.0
MONTHS.	Rousdon. 50° 43' N. 3° 0' W. 515 ft. Devon.			Sidmouth. 50° 41' N. 3° 15' W. 147 ft. Devon.			Teignmouth. 50° 33' N. 3° 29' W. 19 ft. Devon.			Torquay. 50° 28' N. 3° 31' W. 12 ft. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.0	35.4	39.7	45.7	36.2	41.0	46.6	37.7	42.2	46.7	37.9	42.3
F.	44.8	35.1	40.0	46.5	36.6	41.6	47.3	37.9	42.6	47.3	38.0	42.7
M.	47.5	36.0	41.8	48.8	37.0	42.9	50.0	38.3	44.2	49.6	38.6	44.1
A.	52.4	39.3	45.9	53.6	40.4	47.0	54.8	41.9	48.4	54.0	42.1	48.1
M.	57.8	44.1	51.0	59.0	45.1	52.1	60.1	46.8	53.5	59.5	46.9	53.2
J.	62.8	49.4	56.1	64.0	50.2	57.1	65.2	52.0	58.6	64.4	52.0	58.2
J.	65.6	52.5	59.1	67.0	53.6	60.3	68.3	55.2	61.8	67.9	55.2	61.6
A.	65.4	52.7	59.1	66.9	53.5	60.2	68.1	55.0	61.6	67.4	55.0	61.2
S.	62.2	49.8	56.0	63.6	50.6	57.1	64.6	51.8	58.2	64.0	52.1	58.1
O.	55.6	44.6	50.1	56.8	45.5	51.2	57.6	46.5	52.1	57.5	47.0	52.3
N.	49.8	40.0	44.9	51.2	40.9	46.1	51.8	42.0	46.9	52.0	42.5	47.3
D.	46.1	36.9	41.5	47.6	38.3	43.0	48.4	39.4	43.9	48.5	39.8	44.2
Y.	54.5	43.0	48.8	55.9	44.0	50.0	56.9	45.4	51.2	56.6	45.6	51.1

For Princetown, see p. 24.

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
ENGLAND, S.W. AND IRELAND, N.

MONTHS.	Woolacombe. 51° 10' N. 4° 12' W. 59 ft. Devon.			Falmouth. 50° 9' N. 5° 4' W. 167 ft. Cornwall.			Newquay. 50° 25' N. 5° 4' W. 189 ft. Cornwall.			Markree Castle. 54° 11' N. 8° 27' W. 122 ft. Sligo.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.3	38.9	42.6	46.9	39.9	43.4	47.0	39.8	43.4	44.9	34.2	39.6
F.	46.7	38.8	42.8	47.1	39.6	43.4	47.3	39.3	43.3	46.3	34.2	40.3
M.	48.8	39.5	44.2	48.7	39.8	44.3	48.4	39.9	44.2	48.7	34.6	41.7
A.	53.0	42.6	47.8	52.6	42.9	47.8	52.2	43.1	47.7	53.6	37.8	45.7
M.	58.3	47.2	52.8	57.7	47.0	52.4	57.1	47.0	52.1	58.5	42.1	50.3
J.	63.1	52.2	57.7	62.8	52.0	57.4	61.6	52.0	56.8	63.2	47.3	55.3
J.	65.2	55.4	60.3	65.8	55.1	60.5	64.5	55.5	60.0	64.7	50.0	57.4
A.	65.8	56.0	60.9	65.4	55.1	60.3	64.9	55.6	60.3	64.2	49.4	56.8
S.	63.5	53.4	58.5	62.1	52.7	57.4	62.6	53.0	57.8	61.4	46.2	53.8
O.	57.1	48.2	52.7	56.3	47.7	52.0	56.9	48.1	52.5	54.9	40.8	47.9
N.	51.8	43.8	47.8	51.6	43.9	47.8	52.0	43.9	48.0	49.3	36.9	43.1
D.	48.4	40.6	44.5	48.8	41.6	45.2	49.2	41.6	45.4	45.6	34.9	40.3
Y.	55.7	46.4	51.1	55.5	46.4	51.0	55.3	46.6	51.0	54.6	40.7	47.7
MONTHS.	Blacksod Point. 54° 6' N. 10° 4' W. 330 ft. Mayo.			Malin Head. 55° 23' N. 7° 24' W. 208 ft. Donegal.			Belfast. 54° 35' N. 5° 56' W. 61 ft. Antrim.			Donaghadee. 54° 38' N. 5° 32' W. 37 ft. Down.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	F.
J.	46.5	38.8	42.7	44.4	37.4	40.9	45.1	34.3	39.7	44.8	36.3	40.6
F.	46.7	38.1	42.4	44.6	37.1	40.9	46.6	34.5	40.6	45.6	36.1	40.9
M.	47.9	38.6	43.3	46.0	37.7	41.9	48.8	35.1	42.0	47.4	36.7	42.1
A.	51.5	41.9	46.7	49.7	40.8	45.3	53.4	39.0	46.2	51.1	40.2	45.7
M.	55.9	45.8	50.9	54.1	45.0	49.6	59.0	43.4	51.2	55.8	44.4	50.1
J.	60.6	50.8	55.7	58.7	49.7	54.2	64.1	49.0	56.6	60.7	49.3	55.0
J.	62.2	53.2	57.7	60.6	52.3	56.5	66.3	51.5	58.9	63.2	51.8	57.5
A.	62.1	53.4	57.8	61.0	52.8	56.9	65.4	51.5	58.5	63.1	51.9	57.5
S.	60.1	51.1	55.6	58.9	50.6	54.8	61.8	48.0	54.9	60.3	49.4	54.9
O.	54.7	46.0	50.4	53.2	45.6	49.4	55.5	42.1	48.8	54.3	44.3	49.3
N.	50.2	42.0	46.1	48.6	41.7	45.2	49.6	36.8	43.2	49.4	40.1	44.8
D.	47.5	39.9	43.7	45.7	38.6	42.2	46.0	35.1	40.6	45.9	37.2	41.6
Y.	53.8	45.0	49.4	52.1	44.1	48.1	55.1	41.7	48.4	53.5	43.1	48.3

For Scilly, see p. 24.



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—*continued*.

## IRELAND, N. AND S.

MONTHS.	Armagh. 54° 21' N. 6° 39' W. 204 ft. Armagh.			Fitzwilliam Square.* 53° 20' N. 6° 15' W. 47 ft. Dublin.			Glasnevin. 53° 23' N. 6° 16' W. 67 ft. Dublin.			Phoenix Park. 53° 22' N. 6° 21' W. 155 ft. Dublin.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.0	34.8	39.4	46.1	37.5	41.8	46.0	35.2	40.6	45.7	34.6	40.2
F.	45.5	34.7	40.1	47.0	37.6	42.3	47.2	35.2	41.2	46.7	34.4	40.6
M.	48.2	35.2	41.7	49.2	38.1	43.7	49.3	35.5	42.4	48.8	34.7	41.8
A.	53.2	38.0	45.6	53.7	41.4	47.6	53.5	38.2	45.9	53.0	37.4	45.2
M.	58.7	42.6	50.7	59.1	46.0	52.6	58.6	42.5	50.6	58.1	41.6	49.9
J.	64.0	47.9	56.0	64.4	51.4	57.9	64.3	48.1	56.2	63.8	46.9	55.4
J.	65.6	50.8	58.2	66.6	54.2	60.4	66.9	51.4	59.2	66.2	50.5	58.4
A.	64.8	50.3	57.6	65.6	53.6	59.6	66.2	50.7	58.5	65.4	49.7	57.6
S.	61.2	47.0	54.1	61.8	50.3	56.1	62.6	47.0	54.8	61.9	46.1	54.0
O.	54.2	41.7	48.0	55.1	44.8	50.0	55.8	41.8	48.8	55.3	41.2	48.3
N.	48.6	37.7	43.2	50.1	40.9	45.5	50.4	38.3	44.4	49.9	37.6	43.8
D.	44.6	35.4	40.0	46.9	38.2	42.6	46.8	35.7	41.3	46.5	35.2	40.9
Y.	54.4	41.3	47.9	55.5	44.5	50.0	55.6	41.6	48.6	55.1	40.8	48.0
MONTHS.	Trinity College. 53° 21' N. 6° 16' W. 12 ft. Dublin.			Birr Castle. 53° 6' N. 7° 55' W. 175 ft. King's Co.			Kilkenny. 52° 39' N. 7° 14' W. 212 ft. Kilkenny.			Waterford. 52° 16' N. 7° 7' W. 20 ft. Waterford.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.8	37.3	42.1	45.2	34.3	39.8	45.4	34.4	39.9	47.0	36.1	41.6
F.	47.6	37.3	42.5	46.7	34.4	40.6	46.9	35.1	41.0	48.0	36.6	42.3
M.	49.6	37.5	43.6	49.2	34.6	41.9	49.3	35.7	42.5	50.0	37.4	43.7
A.	53.5	40.4	47.0	54.2	38.0	46.1	54.2	39.0	46.6	54.7	40.2	47.5
M.	58.7	44.9	51.8	59.8	42.7	51.3	59.7	43.6	51.7	60.0	44.7	52.4
J.	64.0	50.2	57.1	64.9	48.4	56.7	65.0	48.7	56.9	65.3	49.9	57.6
J.	66.8	53.3	60.1	66.3	51.3	58.8	67.1	51.7	59.4	67.7	52.4	60.1
A.	66.1	53.9	60.0	65.4	50.8	58.1	66.1	50.9	58.5	66.7	52.1	59.4
S.	62.5	49.4	56.0	62.1	47.0	54.6	62.5	47.6	55.1	63.2	48.8	56.0
O.	56.0	44.3	50.2	55.0	40.7	47.9	55.4	41.7	48.6	56.7	43.6	50.2
N.	50.9	40.7	45.8	49.3	36.8	43.1	49.8	37.4	43.6	51.0	39.1	45.1
D.	47.6	37.8	42.7	46.1	35.0	40.6	46.4	34.9	40.7	48.2	37.2	42.7
Y.	55.8	43.9	49.9	55.4	41.2	48.3	55.7	41.7	48.7	56.5	43.2	49.9

\* The thermometer screen is in a garden overshadowed by tall houses.

TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—*continued*.

## IRELAND, S. AND ENGLISH CHANNEL.

MONTHS.	Cahir. 52° 22' N. 7° 56' W. 199 ft. Tipperary.			Foynes. 52° 37' N. 9° 7' W. 50 ft. Limerick.			Killarney. 52° 4' N. 9° 30' W. 174 ft. Kerry.			Cahirciveen, Valencia Obs. 51° 56' N. 10° 15' W. 30 ft. Kerry.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.7	35.4	40.6	46.7	37.0	41.9	48.0	37.1	42.6	48.5	40.2	44.4
F.	46.9	35.3	41.1	47.6	37.2	42.4	48.7	37.1	42.9	48.8	39.7	44.3
M.	49.4	36.1	42.8	49.6	37.9	43.8	50.7	37.4	44.1	50.0	39.9	45.0
A.	54.5	38.9	46.7	54.1	40.9	47.5	55.1	40.1	47.6	53.4	42.6	48.0
M.	60.0	43.2	51.6	59.4	45.3	52.4	60.2	44.3	52.3	57.9	46.5	52.2
J.	65.4	48.5	57.0	64.1	50.2	57.2	65.1	49.3	57.2	62.3	51.1	56.7
J.	67.4	51.3	59.4	65.2	53.0	59.1	66.6	52.2	59.4	63.8	53.8	58.8
A.	66.5	51.1	58.8	64.8	52.5	58.7	66.1	52.3	59.2	63.9	53.9	58.9
S.	62.6	48.1	55.4	61.9	49.6	55.8	63.5	49.3	56.4	61.8	51.3	56.6
O.	55.3	41.7	48.5	55.4	44.6	50.0	57.0	43.5	50.3	56.4	46.6	51.5
N.	49.8	37.9	43.9	50.1	40.2	45.2	51.8	39.7	45.8	52.0	42.9	47.5
D.	46.4	35.4	40.9	47.7	38.0	42.9	48.9	38.1	43.5	49.8	41.1	45.5
Y.	55.8	41.9	48.9	55.6	43.9	49.8	56.8	43.4	50.1	55.7	45.8	50.8
MONTHS.	Ballinacurra. 51° 52' N. 8° 10' W. 24 ft. Cork.			Roche's Point. 51° 47' N. 8° 15' W. 32 ft. Cork.			Brooklyn. 49° 27' N. 2° 32' W. 295 ft. Guernsey.			Villa Carey. 49° 27' N. 2° 32' W. 180 ft. Guernsey.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	47.7	37.0	42.4	47.5	39.4	43.5	46.9	40.1	43.5	46.4	40.1	43.3
F.	48.3	37.4	42.9	47.8	39.1	43.5	47.2	39.9	43.6	47.1	40.0	43.6
M.	50.3	37.5	43.9	49.3	39.2	44.3	49.5	40.7	45.1	49.9	40.9	45.4
A.	54.5	40.5	47.5	52.9	42.2	47.6	53.4	43.6	48.5	54.2	44.1	49.2
M.	59.4	44.9	52.2	57.4	46.5	52.0	58.9	47.6	53.3	60.2	48.2	54.2
J.	64.8	49.5	57.2	62.4	51.3	56.9	63.4	52.1	57.8	64.5	52.6	58.6
J.	67.3	52.2	59.8	64.7	53.7	59.2	66.9	55.6	61.3	67.7	56.1	61.9
A.	66.6	52.2	59.4	64.5	53.7	59.1	67.3	56.4	61.9	68.1	56.7	62.4
S.	63.3	49.6	56.5	61.8	51.4	56.6	64.8	54.7	59.8	65.9	54.9	60.4
O.	56.7	44.0	50.4	56.2	46.4	51.3	58.2	50.0	54.1	58.4	49.9	54.2
N.	51.5	39.5	45.5	51.4	42.5	47.0	52.6	45.5	49.1	52.3	45.0	48.7
D.	48.6	37.5	43.1	48.8	40.4	44.6	49.0	42.1	45.6	48.4	41.8	45.1
Y.	56.6	43.5	50.1	55.4	45.5	50.5	56.5	47.4	52.0	56.9	47.5	52.2



TABLE 1.—NORMALS OF TEMPERATURE (FAHRENHEIT), 1881-1915—continued.  
ENGLISH CHANNEL.

MONTHS.	St. Aubin's 49° 12' N. 2° 11' W. 25 ft. Jersey.			St. Louis Obs.* St. Helier's. 49° 12' N. 2° 6' W. 177 ft. Jersey.			St. Mary's. 49° 56' N. 6° 18' W. 131 ft. Scilly.			Princetown.† 50° 33' N. 3° 59' W. 1,359 ft. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46·6	38·6	42·6	45·9	39·7	42·8	49·1	42·3	45·7	41·9	33·3	37·6
F.	47·3	38·7	43·0	46·2	39·4	42·6	48·9	41·7	45·3	42·1	32·9	37·5
M.	49·9	39·9	44·9	49·1	40·6	44·9	49·9	42·0	46·0	44·0	33·7	38·8
A.	54·5	43·7	49·1	54·0	43·9	49·0	52·7	44·5	48·6	49·7	37·2	43·5
M.	60·2	48·1	54·2	59·9	48·0	54·0	56·8	48·2	52·5	55·0	42·1	48·6
J.	64·8	53·0	58·9	64·6	52·7	58·7	61·4	53·0	57·2	59·5	47·4	53·5
J.	68·3	56·4	62·4	68·7	56·1	62·4	64·8	56·2	60·5	62·9	51·1	57·0
A.	68·8	57·1	63·0	68·5	57·4	63·0	65·0	56·6	60·8	61·9	50·9	56·4
S.	66·0	54·6	60·3	65·7	55·0	60·4	62·5	54·7	58·6	58·5	47·7	53·1
O.	59·0	49·1	54·1	58·6	50·5	54·6	57·5	50·1	53·8	52·2	43·1	47·7
N.	53·0	44·3	48·7	52·0	45·0	48·5	53·2	46·3	49·8	46·0	37·0	41·5
D.	48·8	41·1	45·0	48·2	42·1	45·2	50·7	44·0	47·4	43·7	35·2	39·5
Y.	57·3	47·1	52·2	56·8	47·5	52·2	56·0	48·3	52·2	51·4	40·9	41·2

\* 23 years 1894-1916.

† 20 years 1896-1915.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915  
SCOTLAND, N.

Station ...	Lerwick. 60° 9' N. 1° 8' W. 112 ft. = 34 m. Shetland.			Deerness. 58° 56' N. 2° 45' W. 160 ft. = 49 m. Orkney.			Stornoway. 58° 11' N. 6° 22' W. 51 ft. = 16 m. Hebrides.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +
January ...	78·9	75·0	76·9	78·8	74·9	76·9	79·5	74·6	77·1
February ...	78·6	74·4	76·5	78·6	74·6	76·6	79·7	74·2	77·0
March ...	79·1	74·3	76·7	79·2	74·8	77·0	80·4	74·3	77·4
April ...	80·8	75·7	78·3	81·2	76·2	78·7	82·7	76·1	79·4
May ...	82·9	77·7	80·3	83·6	78·3	80·9	85·1	78·2	81·6
June ...	85·2	80·2	82·7	85·9	80·8	83·4	87·7	81·0	84·3
July ...	86·9	82·0	84·4	87·4	82·4	84·9	88·7	82·4	85·6
August ...	86·9	82·1	84·5	87·2	82·6	84·9	88·6	82·4	85·5
September ...	85·6	81·1	83·3	86·0	81·5	83·8	87·3	80·9	84·1
October ...	83·1	78·7	80·9	83·3	79·2	81·3	84·2	78·1	81·2
November ...	80·9	76·8	78·9	81·0	77·0	79·0	81·7	76·3	79·0
December ...	79·4	75·6	77·5	79·4	75·5	77·4	79·9	74·9	77·4
Year ...	82·3	77·8	80·1	82·6	78·2	80·4	83·8	77·8	80·8

Station ...	Wick. 58° 27' N. 3° 6' W. 81 ft. = 25 m. Caithness.			Dunrobin. 57° 59' N. 3° 56' W. 12 ft. = 4 m. Sunderland.			Glencarron. 57° 30' N. 5° 14' W. 500 ft. = 152 m. Ross and Cromarty.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +	<i>a</i> 200 +
January ..	78·8	73·7	76·3	79·1	73·7	76·4	78·4	73·2	75·8
February ...	79·0	73·4	76·2	79·5	73·7	76·6	78·8	72·8	75·8
March ...	80·2	74·0	77·1	80·7	74·3	77·5	79·8	73·3	76·6
April ...	82·5	75·7	79·1	82·8	76·1	79·5	82·9	75·0	78·9
May ...	84·9	77·9	81·4	85·4	78·5	81·9	86·1	77·7	81·9
June ...	87·4	80·5	84·0	88·0	81·4	84·7	89·1	80·6	84·8
July ...	88·9	82·1	85·5	89·3	82·9	86·1	89·3	82·0	85·7
August ...	88·9	82·0	85·4	89·2	82·8	86·0	88·9	82·1	85·5
September ...	87·3	80·7	84·0	87·7	81·1	84·4	87·5	80·3	83·9
October ...	84·2	78·0	81·1	86·0	78·2	82·1	83·9	77·3	80·6
November ...	81·3	75·8	78·6	81·5	75·8	78·7	80·7	75·3	78·0
December ...	79·4	74·3	76·9	79·4	74·0	76·7	78·9	73·4	76·2
Year ...	83·6	77·3	80·4	84·1	77·7	80·9	83·7	76·9	80·3



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## SCOTLAND, N. AND E.

MONTHS.	Strathpeffer. 57° 35' N. 4° 32' W. 200 ft. = 61 m. Ross and Cromarty.			Fort Augustus. 57° 8' N. 4° 40' W. 68 ft. = 21 m. Inverness.			Fort William. 56° 49' N. 5° 7' W. 171 ft. = 51 m. Inverness.			Kingussie. 57° 5' N. 4° 2' W. 840 ft. = 256 m. Inverness.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.7	73.2	75.9	79.0	73.3	76.2	79.2	74.4	76.8	77.4	71.8	74.6
F.	79.1	73.1	76.1	79.3	73.0	76.2	79.4	74.1	76.8	78.0	71.8	74.9
M.	80.3	73.9	77.1	80.8	73.8	77.3	80.9	74.7	77.8	79.4	72.4	75.9
A.	83.6	75.7	79.7	83.7	75.5	79.6	84.0	76.2	80.1	82.7	74.2	78.4
M.	86.6	78.4	82.5	86.4	78.1	82.3	87.3	78.8	83.1	86.4	76.8	81.6
J.	89.9	81.4	85.7	89.5	81.2	85.4	90.4	81.8	86.1	90.2	80.2	85.2
J.	90.7	82.9	86.8	90.5	82.9	86.7	90.8	83.2	87.0	90.7	81.7	86.2
A.	90.2	82.7	86.4	90.1	82.8	86.4	90.2	83.2	86.7	89.8	81.4	85.6
S.	88.3	80.7	84.5	88.4	80.6	84.5	88.4	81.4	84.9	87.7	79.2	83.4
O.	84.4	77.4	80.9	84.7	77.7	81.2	84.7	78.5	81.6	83.4	76.0	79.7
N.	81.1	75.4	78.3	81.3	75.6	78.4	81.4	76.4	78.9	79.8	73.8	76.8
D.	79.0	73.2	76.1	79.3	73.6	76.4	79.7	74.8	77.3	77.6	71.9	74.8
Y.	84.3	77.3	80.8	84.4	77.3	80.9	84.7	78.1	81.4	83.6	75.9	79.8
MONTHS.	Nairn. 57° 36' N. 3° 52' W. 82 ft. = 25 m. Nairn.			Gordon Castle. 57° 37' N. 3° 5' W. 101 ft. = 31 m. Elgin or Moray.			Aberdeen.* 57° 10' N. 2° 6' W. 46 ft. = 14 m. Aberdeen.			Braemar. 57° 0' N. 3° 24' W. 1,120 ft. = 341 m. Aberdeen.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.9	72.9	75.9	79.2	73.6	76.4	78.7	73.8	76.3	77.2	71.3	74.3
F.	79.6	72.6	76.1	79.8	73.5	76.7	79.2	73.8	76.5	77.5	71.1	74.3
M.	81.0	73.3	77.2	81.1	73.9	77.5	80.6	74.3	77.5	78.7	71.7	75.2
A.	84.0	75.2	79.6	84.0	75.5	79.8	82.9	76.1	79.5	82.1	73.6	77.8
M.	86.8	77.8	82.3	87.0	77.9	82.4	85.5	78.4	82.0	85.7	76.1	80.9
J.	89.7	80.9	85.3	90.2	80.8	85.5	88.5	81.3	84.9	89.4	79.4	84.4
J.	90.9	82.5	86.7	91.2	82.3	86.8	90.1	83.2	86.7	90.2	81.1	85.7
A.	90.6	82.3	86.4	90.9	82.2	86.6	89.9	82.9	86.4	89.3	80.7	85.0
S.	88.8	80.2	84.5	89.2	80.4	84.8	88.1	81.2	84.7	87.2	78.7	82.9
O.	84.7	76.9	80.8	85.2	77.6	81.4	84.6	78.4	81.5	83.0	75.8	79.4
N.	81.3	74.9	78.1	81.7	75.6	78.7	81.2	76.0	78.6	79.6	73.4	76.5
D.	79.1	73.1	76.1	79.4	73.9	76.7	79.1	74.2	76.7	77.6	71.5	74.6
Y.	84.6	76.9	80.8	84.9	77.3	81.1	84.1	77.8	80.9	83.1	75.4	79.3

\* The thermometers are 41 ft. from the ground.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## SCOTLAND, E.

MONTHS.	Crathes. 57° 3' N. 2° 25' W. 140 ft. = 43 m. Kincardine.			Balruddery. 56° 29' N. 3° 8' W. 276 ft. = 84 m. Forfar.			Dundee. 56° 28' N. 2° 56' W. 160 ft. = 49 m. Forfar.			Crieff. 56° 22' N. 3° 50' W. 432 ft. = 132 m. Perth.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.7	71.9	75.3	78.5	73.0	75.8	78.2	73.4	75.8	78.7	72.7	75.7
F.	79.7	72.1	75.9	79.4	72.8	76.1	78.8	73.3	76.1	79.8	72.8	76.3
M.	81.2	72.9	77.1	81.2	73.4	77.3	80.7	73.9	77.3	81.6	73.4	77.5
A.	84.2	74.5	79.4	84.3	74.9	79.6	83.8	75.6	79.7	84.9	75.1	80.0
M.	87.4	77.3	82.4	87.6	77.6	82.6	87.0	78.3	82.7	88.4	77.7	83.1
J.	90.9	80.3	85.6	90.9	80.6	85.8	90.6	81.4	86.0	91.8	80.9	86.3
J.	92.1	82.2	87.1	92.2	82.3	87.3	92.1	83.3	87.7	92.7	82.6	87.7
A.	91.4	81.7	86.6	91.3	81.7	86.5	91.2	82.8	87.0	91.9	82.2	87.1
S.	89.4	79.6	84.5	89.3	79.9	84.6	88.9	81.0	84.9	89.7	80.3	85.0
O.	85.1	76.6	80.8	85.1	77.1	81.1	84.4	77.9	81.2	85.3	77.2	81.3
N.	81.3	73.9	77.6	81.6	74.9	78.3	80.8	75.5	78.2	81.6	74.8	78.2
D.	78.7	72.1	75.4	78.7	73.3	76.0	78.6	73.7	76.1	79.0	73.1	76.1
Y.	85.0	76.3	80.7	85.0	76.8	80.9	84.6	77.5	81.1	85.4	76.9	81.2
MONTHS.	Perth. 56° 24' N. 3° 27' W. 76 ft. = 23 m. Perth.			Edinburgh. 55° 57' N. 3° 11' W. 441 ft. = 134 m. Midlothian.			Leith. 55° 59' N. 3° 13' W. 30 ft. = 9 m. Midlothian.			Marchmont. 55° 44' N. 2° 25' W. 498 ft. = 152 m. Berwick.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.7	72.9	75.8	78.7	73.9	76.3	79.7	74.2	76.9	78.2	72.7	75.4
F.	79.4	72.8	76.1	79.1	73.8	76.5	80.3	74.0	77.2	78.9	72.8	75.9
M.	81.3	73.6	77.5	80.3	74.4	77.4	81.7	74.6	78.2	80.5	73.3	76.9
A.	84.6	75.2	79.9	83.1	76.1	79.6	84.4	76.4	80.4	83.4	75.1	79.3
M.	87.9	77.9	82.9	85.8	78.5	82.2	87.1	79.0	83.1	86.5	77.6	82.1
J.	91.3	81.0	86.2	89.0	81.4	85.2	90.2	82.1	86.2	89.7	80.6	85.2
J.	92.5	82.8	87.7	90.5	83.1	86.8	91.8	83.8	87.8	91.1	82.4	86.7
A.	91.7	82.3	87.1	90.3	83.2	86.7	91.6	83.7	87.6	90.7	82.1	86.4
S.	89.4	80.2	84.8	88.1	81.5	84.8	89.6	81.7	85.6	88.6	80.2	84.4
O.	85.1	76.9	81.0	84.4	78.7	81.5	85.7	78.6	82.2	84.3	77.4	80.9
N.	81.4	74.7	78.1	81.2	76.2	78.7	82.2	76.3	79.3	80.9	74.9	77.9
D.	79.1	73.1	76.1	79.2	74.4	76.8	80.1	74.7	77.4	78.6	73.0	75.8
Y.	85.2	76.9	81.1	84.1	77.9	81.0	85.3	78.3	81.8	84.3	76.8	80.6



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
SCOTLAND, E. AND W.

MONTHS.	West Linton. 55° 45' N. 3° 21' W. 770 ft. = 235 m. Peebles.			Poltalloch. 56° 8' N. 5° 30' W. 132 ft. = 40 m. Argyll.			Rothsay. 55° 50' N. 5° 4' W. 90 ft. = 27 m. Bute.			Greenock. 55° 56' N. 4° 46' W. 199 ft. = 61 m. Renfrew.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	77.2	71.2	74.2	79.4	74.3	76.9	79.6	74.8	77.2	79.1	74.0	76.6
F.	77.9	71.9	74.9	79.7	74.0	76.9	80.1	74.6	77.4	79.4	73.8	76.6
M.	79.4	72.0	75.7	81.0	74.4	77.7	81.4	74.9	78.2	80.6	74.4	77.5
A.	82.5	73.8	78.2	84.3	76.1	80.2	84.6	76.4	80.5	83.7	76.2	80.0
M.	85.9	76.3	81.1	87.5	78.8	83.2	87.6	78.8	83.2	87.0	78.7	82.9
J.	89.3	79.4	84.4	90.5	81.8	86.2	90.8	81.7	86.2	90.2	81.9	86.1
J.	90.3	81.2	85.8	91.0	83.3	87.2	91.4	83.1	87.3	91.1	83.4	87.2
A.	89.6	80.8	85.2	90.6	83.1	86.8	90.9	82.9	86.9	90.6	83.3	87.0
S.	87.6	78.5	83.1	88.9	81.4	85.2	89.1	81.4	85.3	88.6	81.6	85.1
O.	83.4	75.9	79.7	85.3	78.3	81.8	85.3	78.7	82.0	84.7	78.6	81.6
N.	79.7	72.9	76.3	82.1	76.2	79.2	82.1	76.8	79.4	81.7	76.2	78.9
D.	77.6	71.6	74.6	79.9	74.8	77.4	80.1	75.3	77.7	79.7	74.5	77.1
Y.	83.4	75.4	79.4	85.0	78.1	81.6	85.2	78.3	81.8	84.7	78.1	81.4
MONTHS.	Paisley. 55° 51' N. 4° 26' W. 106 ft. = 32 m. Renfrew.			Glasgow. 55° 53' N. 4° 18' W. 180 ft. = 55 m. Lanark.			Colmonell. 55° 8' N. 4° 36' W. 170 ft. = 52 m. Ayr.			Kilmarnock. 55° 37' N. 4° 36' W. 90 ft. = 27 m. Ayr.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	79.3	74.6	76.9	78.8	74.6	76.7	79.3	74.2	76.8	79.0	73.1	76.1
F.	80.1	74.3	77.2	79.2	74.7	76.9	79.6	73.9	76.8	79.8	73.5	76.7
M.	81.9	74.9	78.4	80.5	75.1	77.8	81.3	74.5	77.9	81.1	73.9	77.5
A.	85.2	76.6	80.9	83.7	76.8	80.2	84.2	75.9	80.1	84.2	75.6	79.9
M.	88.5	79.2	83.9	87.0	79.3	83.2	87.4	78.4	82.9	87.6	78.2	82.9
J.	91.8	82.3	87.1	90.2	82.2	86.2	89.6	81.3	85.5	90.7	80.9	85.8
J.	92.4	83.8	88.1	90.8	83.8	87.3	90.8	82.5	86.7	91.6	82.4	87.0
A.	91.8	83.6	87.7	90.3	83.6	86.9	90.2	82.6	86.4	90.8	82.1	86.4
S.	89.8	81.6	85.7	88.1	81.8	84.9	88.8	81.3	85.1	89.1	80.2	84.7
O.	85.5	78.7	82.1	84.3	78.8	81.6	85.6	78.3	82.0	85.2	77.4	81.3
N.	81.8	76.4	79.1	81.2	76.6	78.9	82.4	76.2	79.3	81.8	74.8	78.3
D.	79.7	75.1	77.4	79.3	75.1	77.2	80.1	74.6	77.3	79.7	73.9	76.8
Y.	85.7	78.4	82.1	84.4	78.6	81.5	84.9	77.8	81.4	85.1	77.2	81.1

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
SCOTLAND, W. AND ENGLAND, N.E.

MONTHS.	Dumfries. 55° 4' N. 3° 36' W. 160 ft. = 49 m. Dumfries.			Cally. 54° 52' N. 4° 12' W. 120 ft. = 37 m. Kirkcudbright.			Douglas. 54° 10' N. 4° 28' W. 277 ft. = 84 m. Isle of Man.			Alnwick Castle. 55° 25' N. 1° 43' W. 210 ft. = 64 m. Northumberland.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	79.0	73.6	76.3	79.1	73.9	76.5	80.1	75.8	77.9	78.9	73.8	76.4
F.	79.9	73.6	76.8	79.7	73.7	76.7	80.1	75.5	77.8	79.4	73.8	76.6
M.	81.6	74.2	77.9	81.4	74.2	77.8	81.1	75.6	78.3	80.8	74.4	77.6
A.	85.1	75.8	80.4	84.4	75.6	80.0	83.6	77.1	80.3	83.1	76.0	79.6
M.	88.3	78.6	83.5	87.6	78.2	82.9	86.7	79.4	83.1	86.1	78.6	82.3
J.	91.7	81.9	86.8	90.5	81.2	85.8	89.6	82.2	85.9	89.4	81.6	85.5
J.	92.4	83.5	88.0	91.4	82.4	86.9	90.6	83.7	87.2	91.2	83.4	87.3
A.	91.8	83.1	87.4	90.6	82.1	86.4	90.2	83.7	86.9	90.8	83.2	87.0
S.	89.9	80.8	85.4	88.6	80.4	84.5	88.7	82.2	85.5	88.7	81.3	85.0
O.	85.6	77.9	81.8	85.2	77.7	81.4	85.3	79.7	82.5	84.8	78.5	81.7
N.	81.7	75.7	78.7	81.8	75.5	78.7	82.7	77.8	80.2	81.7	76.0	78.8
D.	79.4	74.1	76.8	79.7	74.3	77.0	80.8	76.3	78.6	79.4	74.2	76.8
Y.	85.6	77.7	81.7	85.0	77.4	81.2	84.9	79.1	82.0	84.5	77.9	81.2
MONTHS.	Cockle Park. 55° 13' N. 1° 4' W. 324 ft. = 99 m. Northumberland.			Tynemouth. 55° 0' N. 1° 27' W. 96 ft. = 29 m. Northumberland.			Durham. 54° 46' N. 1° 35' W. 336 ft. = 102 m. Durham.			Ampleforth. 54° 12' N. 1° 6' W. 348 ft. = 106 m. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	78.1	73.2	75.7	79.4	73.9	76.7	78.6	73.1	75.8	78.2	72.6	75.4
F.	78.6	73.1	75.8	79.9	73.9	76.9	79.4	73.2	76.3	79.3	72.9	76.1
M.	80.1	73.7	76.9	81.3	74.3	77.8	81.2	73.7	77.5	81.2	73.6	77.4
A.	82.5	75.3	78.9	83.3	76.2	79.7	84.1	75.3	79.7	84.3	75.4	79.9
M.	85.2	77.8	81.5	85.7	78.8	82.3	87.1	77.9	82.5	87.5	78.2	82.8
J.	88.5	80.8	84.7	88.9	81.8	85.4	90.8	81.1	85.9	90.9	81.3	86.2
J.	90.3	82.8	86.6	90.9	83.7	87.3	92.6	83.1	87.9	92.3	83.1	87.7
A.	90.1	82.5	86.3	90.9	83.6	87.3	91.9	82.8	87.4	91.7	83.1	87.4
S.	88.0	80.6	84.3	88.9	81.8	85.4	89.4	80.9	85.2	89.6	81.4	85.5
O.	84.1	77.9	81.0	85.3	78.8	82.1	85.1	78.0	81.6	85.0	78.0	81.5
N.	80.9	75.6	78.3	82.1	76.4	79.3	81.5	75.6	78.6	81.3	75.7	78.5
D.	78.6	73.7	76.2	79.8	74.5	77.2	79.0	73.7	76.4	78.6	73.4	76.0
Y.	83.8	77.3	80.6	84.7	78.2	81.4	85.1	77.4	81.2	85.0	77.4	81.2



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, N.E.

MONTHS.	Rounton. 54° 24' N. 1° 18' W. 249 ft. = 76 m. York.			Scarborough. 54° 18' N. 0° 24' W. 100 ft. = 30 m. York.			Whitby. 54° 29' N. 0° 37' W. 124 ft. = 38 m. York.			York. 53° 57' N. 1° 5' W. 56 ft. = 17 m. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78·6	73·0	75·8	79·1	74·4	76·7	78·8	75·2	77·0	79·1	73·5	76·3
F.	79·4	73·1	76·3	79·8	74·6	77·2	79·3	75·3	77·3	80·1	73·8	76·9
M.	81·3	73·6	77·4	81·4	75·2	78·3	80·7	75·9	78·3	82·2	74·4	78·3
A.	84·1	75·2	79·7	83·6	76·9	80·2	82·9	77·6	80·2	85·3	76·2	80·8
M.	87·0	77·8	82·4	86·2	79·4	82·8	85·5	80·0	82·8	88·8	79·1	83·9
J.	90·4	81·0	85·7	89·6	82·6	86·1	88·8	83·2	86·0	92·2	82·3	87·2
J.	92·1	82·8	87·5	91·8	84·4	88·1	90·9	85·1	88·0	93·5	84·2	88·8
A.	91·6	82·6	87·1	91·6	84·3	87·9	90·9	84·9	87·9	92·9	83·8	88·4
S.	89·3	80·7	85·0	89·6	82·8	86·2	89·0	83·4	86·2	90·6	81·6	86·1
O.	85·1	77·7	81·4	85·6	79·7	82·7	85·2	80·4	82·8	85·9	78·4	82·2
N.	81·5	75·4	78·5	82·2	77·2	79·7	81·7	77·8	79·8	82·1	76·1	79·1
D.	79·1	73·7	76·4	79·7	74·9	77·3	79·4	75·8	77·6	79·6	74·2	76·9
Y.	84·9	77·2	81·1	85·0	78·8	81·9	84·4	79·6	82·0	86·0	78·1	82·1
MONTHS.	Hull. 53° 45' N. 0° 16' W. 12 ft. = 4 m. York.			Spurn Head. 53° 34' N. 0° 7' E. 26 ft. = 8 m. York.*			Fulbeck. 53° 3' N. 0° 37' W. 180 ft. = 55 m. Lincoln.			Lincoln. 53° 14' N. 0° 33' W. 58 ft. = 18 m. Lincoln.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78·9	73·4	76·2	78·6	74·5	76·6	78·4	73·2	75·8	78·6	73·1	75·8
F.	80·1	73·6	76·8	79·1	74·7	76·9	79·7	73·6	76·7	79·7	73·7	76·7
M.	81·9	74·1	78·0	80·6	75·4	78·0	82·0	74·4	78·2	82·2	74·4	78·3
A.	84·8	75·7	80·3	82·9	77·4	80·2	85·4	76·3	80·9	85·6	76·3	80·9
M.	88·1	78·6	83·3	85·8	80·2	83·1	89·1	78·9	84·0	89·3	79·3	84·3
J.	91·6	81·7	86·6	89·1	83·3	86·2	92·5	82·1	87·3	92·7	82·6	87·6
J.	93·4	83·8	88·6	91·3	85·4	88·4	94·2	83·9	89·1	94·3	84·3	89·3
A.	93·1	83·4	88·2	91·4	85·4	88·4	93·4	83·9	88·7	93·4	84·0	88·7
S.	90·5	81·4	86·0	89·3	83·9	86·7	91·1	81·9	86·5	90·9	82·1	86·5
O.	86·1	78·4	82·3	85·6	80·7	83·2	86·0	78·7	82·4	85·9	78·8	82·3
N.	82·2	75·9	79·1	82·0	77·9	79·9	81·9	76·0	79·0	81·9	76·0	78·9
D.	79·4	74·0	76·7	79·4	75·4	77·4	79·3	74·0	76·7	79·2	73·9	76·6
Y.	85·8	77·8	81·8	84·6	79·6	82·1	86·1	78·1	82·1	86·1	78·2	82·2

\* For W. Riding, see p. 33.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, N.E. AND E.

MONTHS.	Rauceby. 53° 0' N. 0° 29' W. 124 ft. = 38 m. Lincoln.			Skegness. 53° 9' N. 0° 21' E. 12 ft. = 4 m. Lincoln.			Cromer. 52° 56' N. 1° 17' E. 196 ft. = 60 m. Norfolk.			Geldeston. 52° 28' N. 1° 31' E. 37 ft. = 11 m. Norfolk.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78·7	72·7	75·7	78·8	73·4	76·1	78·7	73·8	76·3	79·1	73·5	76·3
F.	79·9	73·2	76·6	79·5	74·0	76·8	79·5	74·2	76·8	80·2	73·8	77·0
M.	82·2	73·9	78·1	81·1	74·6	77·9	81·3	74·9	78·1	82·3	74·3	78·3
A.	85·6	75·8	80·7	83·4	76·3	79·9	83·7	77·1	80·4	85·1	76·2	80·6
M.	89·1	78·8	83·9	86·6	79·4	83·0	87·2	79·7	83·5	88·6	79·2	83·9
J.	92·3	81·8	87·1	89·7	82·5	86·1	90·1	82·7	86·4	91·7	82·3	87·0
J.	94·1	83·7	88·9	91·5	84·5	88·0	92·3	84·8	88·6	93·9	84·2	89·1
A.	93·4	83·6	88·5	91·8	84·2	88·0	92·3	84·9	88·6	93·7	83·8	88·8
S.	91·1	81·6	86·3	89·8	82·8	86·3	90·4	83·7	87·1	91·3	82·2	86·8
O.	86·1	78·3	82·2	85·7	79·3	82·5	86·2	80·1	83·2	86·9	79·1	83·0
N.	82·2	75·8	79·0	82·1	76·4	79·3	82·3	77·3	79·8	82·7	76·4	79·6
D.	79·6	73·4	76·5	79·4	74·4	76·9	79·7	74·7	77·2	80·0	74·3	77·2
Y.	86·2	77·7	81·9	84·9	78·5	81·7	85·3	79·0	82·2	86·3	78·3	82·3
MONTHS.	Little Massingham. 52° 47' N. 0° 39' E. 280 ft. = 85 m. Norfolk.			Norwich. 52° 37' N. 1° 17' E. 93 ft. = 28 m. Norfolk.			Yarmouth. 52° 37' N. 1° 43' E. 17 ft. = 5 m. Norfolk.			Felixstowe. 51° 58' N. 1° 22' E. 10 ft. = 3 m. Suffolk.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78·5	72·9	75·7	78·4	73·5	76·0	78·4	73·9	76·2	78·9	74·2	76·6
F.	79·9	73·3	76·6	79·6	73·9	76·8	79·1	74·1	76·6	79·4	74·3	76·9
M.	82·2	74·0	78·1	81·9	74·8	78·4	80·7	74·9	77·8	81·3	75·1	78·2
A.	85·4	75·9	80·7	84·9	76·6	80·8	83·0	77·3	80·2	84·1	77·2	80·7
M.	88·9	78·8	83·9	89·1	79·6	84·3	86·3	80·3	83·3	87·7	80·2	84·0
J.	92·4	82·0	87·2	91·9	82·7	87·3	89·7	83·6	86·7	91·1	83·6	87·3
J.	94·3	83·8	89·1	93·8	84·7	89·3	92·0	85·6	88·8	93·3	85·5	89·4
A.	93·8	83·5	88·7	93·5	84·4	88·9	92·1	85·3	88·7	93·2	85·5	89·3
S.	91·2	81·6	86·4	91·2	82·3	86·7	89·9	83·8	86·9	91·0	83·8	87·4
O.	86·3	78·5	82·4	86·2	79·2	82·7	85·9	80·4	83·2	86·7	80·6	83·7
N.	81·9	75·8	78·9	81·9	76·3	79·1	82·2	77·2	79·7	82·7	77·3	80·0
D.	79·2	73·8	76·5	79·3	74·2	76·8	79·4	74·8	77·1	79·9	75·1	77·5
Y.	86·2	77·8	82·0	86·0	78·5	82·3	84·9	79·3	82·1	85·8	79·4	82·6



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 181-1915—continued.

ENGLAND, E.

MONTHS.	Lowestoft. 52° 29' N. 1° 45' E. 83 ft. = 25 m. Suffolk.			Cambridge. 52° 12' N. 0° 8' E. 41 ft. = 13 m. Cambridge.			W. burn. 52° 1' N. 0° 36' W. 291 ft. = 89 m. Bedford.			Bennington. 51° 54' N. 0° 5' W. 406 ft. = 124 m. Hertford.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	78.9	74.1	76.5	79.3	72.9	76.1	78.7	73.4	76.1	78.5	73.4	75.9
F.	79.6	74.3	76.9	80.7	73.2	76.9	79.8	73.5	76.7	79.7	73.7	76.7
M.	81.3	74.9	78.1	83.2	73.7	78.4	82.1	74.1	78.1	82.0	74.2	78.1
A.	83.5	77.0	80.3	86.7	75.7	81.2	85.6	75.6	80.6	85.6	75.9	80.8
M.	86.5	79.9	83.2	90.2	78.9	84.6	89.1	78.4	83.7	89.1	78.9	84.0
J.	89.7	83.1	86.4	93.3	82.2	87.7	92.2	81.6	86.9	92.3	82.1	87.2
J.	92.3	84.9	88.6	95.1	84.1	89.6	94.1	83.5	88.8	94.4	84.1	89.3
A.	92.4	84.8	88.6	94.6	83.8	89.2	93.7	83.3	88.5	93.8	83.8	88.8
S.	90.4	83.6	87.0	92.1	81.6	86.8	91.1	80.8	85.9	91.2	82.0	86.6
O.	86.5	80.3	83.4	87.0	78.3	82.7	86.1	78.1	82.1	86.2	78.7	82.4
N.	82.7	77.2	79.9	82.8	75.5	79.2	82.1	75.6	78.9	81.9	75.9	78.9
D.	79.9	74.9	77.4	80.0	73.7	76.8	79.6	74.1	76.8	79.3	74.2	76.8
Y.	85.3	79.1	82.2	87.1	77.8	82.4	86.2	77.7	81.9	86.2	78.1	82.2
MONTHS.	Berkhamsted. 51° 46' N. 0° 34' W. 450 ft. = 137 m. Hertford.			Rothamsted. 51° 48' N. 0° 22' W. 424 ft. = 129 m. Hertford.			Clacton. 51° 47' N. 1° 9' E. 54 ft. = 16 m. Essex.			Shoeburyness. 51° 32' N. 0° 47' E. 13 ft. = 4 m. Essex.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	78.4	73.7	76.1	78.8	73.0	75.9	78.4	74.1	76.3	79.1	73.9	76.5
F.	79.6	73.8	76.7	79.8	73.3	76.6	79.1	74.3	76.7	80.1	74.3	77.2
M.	81.8	74.3	78.1	82.1	74.0	78.1	80.9	75.1	78.0	82.1	75.1	78.6
A.	85.2	76.3	80.8	85.5	75.7	80.6	83.5	77.6	80.6	85.4	77.2	81.3
M.	89.2	79.2	84.2	89.1	78.9	84.0	87.2	80.5	83.8	89.1	80.3	84.7
J.	92.4	82.2	87.3	92.1	82.1	87.1	90.5	83.5	87.0	92.4	83.7	88.1
J.	94.3	84.2	89.3	94.0	83.9	89.0	92.8	85.6	89.2	94.6	85.6	90.1
A.	93.8	83.8	88.8	93.3	83.6	88.5	92.7	85.7	89.2	94.2	85.6	89.9
S.	91.2	82.0	86.6	90.8	81.5	86.2	90.4	83.9	87.2	91.7	83.6	87.7
O.	86.2	78.8	82.5	86.1	78.4	82.2	86.2	80.6	83.4	87.1	80.4	83.8
N.	81.9	76.0	79.0	82.2	75.6	78.9	82.2	77.3	79.7	82.8	77.3	80.1
D.	79.2	74.4	76.8	79.7	73.9	76.8	79.3	75.1	77.2	80.2	75.2	77.7
Y.	86.1	78.2	82.2	86.1	77.8	82.0	85.3	79.4	82.4	86.6	79.3	82.9

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

ENGLAND, E. AND MIDLAND COUNTIES.

MONTHS.	Southend. 51° 32' N. 0° 43' E. 90 ft. = 27 m. Essex.			Garforth. 53° 48' N. 1° 22' W. 192 ft. = 59 m. York.			Harrogate. 54° 0' N. 1° 33' W. 479 ft. = 146 m. York.			Sheffield. 53° 23' N. 1° 29' W. 429 ft. = 131 m. York.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	78.5	73.9	76.2	78.8	72.1	75.4	78.1	73.1	75.6	78.9	74.2	76.6
F.	79.9	74.2	77.1	79.8	72.4	76.1	78.9	73.3	76.1	79.7	74.4	77.1
M.	81.9	74.9	78.4	81.8	72.9	77.3	80.8	73.9	77.4	81.3	74.9	78.1
A.	85.3	77.3	81.3	84.9	74.2	79.6	83.9	75.6	79.8	84.3	76.7	80.5
M.	88.9	80.4	84.7	88.1	77.2	82.7	87.2	78.2	82.7	87.7	79.4	83.6
J.	92.2	83.7	87.9	91.7	80.2	85.9	90.7	81.4	86.1	91.1	82.5	86.8
J.	94.4	85.6	90.0	93.1	82.1	87.6	92.1	83.3	87.7	92.6	84.5	88.6
A.	94.3	85.6	90.0	92.4	81.8	87.1	91.4	83.2	87.3	92.2	84.2	88.2
S.	91.7	83.9	87.8	90.2	79.6	84.9	89.1	81.3	85.2	89.8	82.4	86.1
O.	86.9	80.6	83.8	85.4	76.7	81.1	84.6	78.3	81.4	85.4	79.4	82.4
N.	82.4	77.2	79.8	81.8	74.7	78.3	81.2	75.8	78.5	81.9	77.0	79.5
D.	79.4	74.8	77.1	79.6	72.9	76.2	78.7	73.8	76.3	79.7	74.9	77.3
Y.	86.3	79.3	82.8	85.6	76.4	81.0	84.7	77.6	81.2	85.4	78.7	82.1
MONTHS.	Belper. 53° 2' N. 1° 29' W. 280 ft. = 85 m. Derby.			Buxton. 53° 16' N. 1° 55' W. 987 ft. = 301 m. Derby.			Bawtry. 53° 27' N. 1° 4' W. 65 ft. = 20 m. Nottingham.			Nottingham. 52° 56' N. 1° 9' W. 82 ft. = 25 m. Nottingham.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Min.	Max.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	78.3	73.1	75.7	77.5	72.2	74.8	78.9	73.1	76.0	78.9	73.3	76.1
F.	79.4	73.4	76.4	78.3	72.3	75.3	80.2	73.6	76.9	80.0	73.7	76.8
M.	81.5	74.1	77.8	80.1	72.8	76.4	82.4	74.2	78.3	82.1	74.3	78.2
A.	84.7	76.1	80.4	83.4	74.6	79.0	85.9	75.7	80.8	85.3	76.2	80.8
M.	88.1	79.1	83.6	86.9	77.4	82.2	89.5	78.4	83.9	88.8	79.2	84.0
J.	91.3	82.2	86.8	90.3	80.5	85.4	92.8	81.8	87.3	92.3	82.3	87.3
J.	92.9	84.1	88.5	91.6	82.6	87.1	94.3	83.6	88.9	93.9	84.2	89.1
A.	92.0	83.7	87.9	90.9	82.2	86.6	93.6	83.2	88.4	93.2	83.7	88.4
S.	89.7	81.6	85.6	88.6	79.9	84.3	91.1	80.9	86.0	90.8	81.6	86.2
O.	85.1	78.3	81.7	84.1	77.1	80.6	86.0	77.8	81.9	85.9	78.4	82.2
N.	81.4	75.8	78.6	80.5	74.8	77.7	82.1	75.7	78.9	82.1	75.8	79.0
D.	79.0	73.8	76.4	78.2	72.8	75.5	79.4	73.7	76.6	79.8	74.1	76.9
Y.	85.3	77.9	81.6	84.2	76.6	80.4	86.4	77.6	82.0	86.1	78.1	82.1



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## MIDLAND COUNTIES.

MONTHS.	Hodsock. 53° 22' N. 1° 5' W. 56 ft. = 17 m. Nottingham.			Belvoir Castle. 52° 54' N. 0° 47' W. 259 ft. = 79 m. Leicester.			Raunds. 52° 22' N. 0° 33' W. 203 ft. = 62 m. Northampton.			Birmingham. 52° 28' N. 1° 56' W. 535 ft. = 163 m. Warwick.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+
J.	79.1	72.9	76.0	78.7	73.4	76.1	79.0	72.0	75.5	78.6	73.9	76.2
F.	80.4	73.3	76.9	79.7	73.8	76.8	80.7	72.3	76.5	79.5	74.2	76.8
M.	82.7	74.0	78.3	81.8	74.2	78.0	83.2	73.2	78.2	81.4	74.7	78.1
A.	85.8	75.5	80.7	85.1	75.9	80.5	86.7	75.2	81.0	84.8	76.6	80.7
M.	89.2	78.5	83.8	88.6	78.9	83.8	90.2	78.5	84.4	88.4	79.6	84.0
J.	92.4	81.6	87.0	91.9	82.1	87.0	93.5	81.6	87.6	91.6	82.7	87.2
J.	94.0	83.6	88.8	93.8	84.1	88.9	95.5	83.7	89.6	93.2	84.5	88.9
A.	93.4	83.2	88.3	93.1	83.7	88.4	94.8	83.2	89.0	92.4	84.1	88.3
S.	91.0	80.9	86.0	90.6	81.7	86.2	92.4	81.1	86.8	89.9	82.3	86.1
O.	86.3	78.0	82.2	85.8	78.4	82.1	86.9	77.8	82.4	85.2	79.2	82.2
N.	82.4	75.6	79.0	81.9	76.1	79.0	82.4	74.8	78.6	81.7	76.6	79.1
D.	79.7	73.6	76.7	79.5	74.1	76.8	79.7	72.8	76.3	79.2	74.6	76.9
Y.	86.4	77.6	82.0	85.9	78.1	82.0	87.1	77.2	82.2	85.5	78.6	82.1
MONTHS.	Coventry. 52° 25' N. 1° 30' W. 270 ft. = 82 m. Warwick.			Oxford. 51° 46' N. 1° 16' W. 208 ft. = 63 m. Oxford.			Cheadle. 52° 58' N. 1° 57' W. 646 ft. = 197 m. Stafford.			Shrewsbury. 52° 43' N. 2° 45' W. 191 ft. = 58 m. Shropshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+
J.	79.3	73.3	76.3	79.3	73.8	76.6	78.0	73.0	75.5	80.2	73.7	76.9
F.	80.3	73.7	77.0	80.4	74.1	77.3	79.1	73.3	76.2	80.6	74.1	77.4
M.	82.6	74.4	78.5	82.6	74.6	78.6	81.1	73.9	77.5	82.7	74.6	78.6
A.	86.0	76.3	81.2	85.9	76.7	81.3	84.3	75.8	80.1	85.9	76.2	81.1
M.	89.8	79.2	84.5	89.3	79.8	84.6	87.7	78.7	83.2	89.2	78.8	84.0
J.	92.9	82.3	87.6	92.4	82.9	87.7	90.9	81.8	86.4	92.4	82.0	87.2
J.	94.5	84.3	89.4	94.2	84.9	89.6	92.2	83.7	87.9	93.9	83.8	88.9
A.	93.8	83.8	88.8	93.6	84.4	89.0	91.6	83.2	87.4	92.9	83.5	88.2
S.	91.2	81.8	86.5	91.2	82.1	86.7	89.3	81.4	85.4	90.6	81.3	86.0
O.	86.2	78.7	82.5	86.4	78.8	82.6	84.7	78.3	81.5	86.0	78.4	82.2
N.	82.4	76.0	79.2	82.5	76.3	79.4	81.2	75.7	78.4	82.7	75.9	79.3
D.	80.0	74.1	77.1	80.0	74.7	77.4	78.7	73.7	76.2	80.8	74.5	77.7
Y.	86.6	78.2	82.4	86.5	78.6	82.6	84.9	77.7	81.3	86.5	78.1	82.3

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## MIDLAND COUNTIES AND LONDON.

MONTHS.	Wistanstow. 52° 28' N. 2° 50' W. 481 ft. = 147 m. Shropshire.			Hereford. 52° 5' N. 2° 45' W. 291 ft. = 89 m. Hereford.			Ross. 51° 55' N. 2° 34' W. 213 ft. = 65 m. Hereford.			Cheltenham. 51° 54' N. 2° 3' W. 213 ft. = 65 m. Gloucester.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+
J.	79.6	73.5	76.6	79.4	73.4	76.4	79.6	73.7	76.6	79.2	73.7	76.4
F.	80.3	73.7	77.0	80.5	73.7	77.1	80.8	74.0	77.4	80.3	74.0	77.2
M.	82.3	74.0	78.2	82.7	74.4	78.6	83.1	74.7	78.9	82.4	74.5	78.5
A.	85.6	75.6	80.6	86.1	76.3	81.2	86.6	76.6	81.6	85.7	76.3	81.0
M.	89.3	78.4	83.9	89.7	79.0	84.3	90.2	79.4	84.8	89.4	79.3	84.4
J.	92.6	81.4	87.0	92.8	82.1	87.4	93.4	82.5	87.9	92.6	82.5	87.6
J.	94.0	83.1	88.6	94.3	83.8	89.1	94.9	84.4	89.7	94.2	84.4	89.3
A.	93.4	82.7	88.1	93.7	83.4	88.6	94.2	83.9	89.1	93.6	83.9	88.8
S.	90.9	80.4	85.7	91.0	81.2	86.1	91.5	81.7	86.6	91.0	81.7	86.3
O.	86.2	77.6	81.9	86.2	78.3	82.2	86.4	78.6	82.5	86.2	78.6	82.4
N.	82.5	75.7	79.1	82.4	75.9	79.2	82.6	76.2	79.4	82.4	76.2	79.3
D.	80.1	73.9	77.0	80.1	74.2	77.2	80.3	74.6	77.4	80.2	74.7	77.4
Y.	86.4	77.5	81.9	86.6	77.9	82.3	86.9	78.4	82.7	86.4	78.3	82.4
MONTHS.	Cirencester. 51° 43' N. 1° 57' W. 446 ft. = 136 m. Gloucester.			Clifton. 51° 27' N. 2° 37' W. 229 ft. = 70 m. Gloucester.			Camden Square.* 51° 33' N. 0° 8' W. 110 ft. = 34 m. London.			Greenwich. 51° 28' N. 0° 0' W. 149 ft. = 45 m. London.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+	<i>a</i> 200+
J.	78.9	72.7	75.8	79.6	74.8	77.2	79.4	74.1	76.8	79.1	74.2	76.6
F.	79.9	73.0	76.4	80.5	75.1	77.8	80.6	74.3	77.4	80.4	74.3	77.3
M.	81.9	73.7	77.8	82.2	75.5	78.8	83.1	75.0	79.1	82.8	74.8	78.8
A.	85.4	75.6	80.5	85.4	77.9	81.7	87.1	77.1	82.1	86.6	76.7	81.7
M.	88.8	78.6	83.7	89.6	80.9	85.3	91.3	80.3	85.8	90.8	79.7	85.2
J.	91.9	81.7	86.8	92.5	84.1	88.3	94.6	83.6	89.1	94.1	82.8	88.5
J.	93.7	83.6	88.7	93.9	86.2	90.1	96.4	85.4	90.9	96.2	84.8	90.5
A.	93.0	82.9	88.0	93.4	85.8	89.6	95.6	85.1	90.3	95.5	84.5	90.0
S.	90.6	81.2	85.9	91.0	83.7	87.4	92.7	82.9	87.8	92.4	82.5	87.4
O.	85.7	78.0	81.9	86.2	80.1	83.2	87.2	79.6	83.4	87.1	79.2	83.1
N.	81.9	75.4	78.7	82.6	77.6	80.1	82.8	76.8	79.8	82.7	76.7	79.7
D.	79.8	73.5	76.7	80.6	75.7	78.2	80.3	75.1	77.7	80.1	75.0	77.6
Y.	85.9	77.5	81.7	86.4	79.8	83.1	87.6	79.1	83.3	87.3	78.8	83.1

\* The thermometers at Camden Square and at the Royal Observatory, Greenwich, are exposed on Glaisher stands, not in Stevenson screens.



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## LONDON AND ENGLAND, S.E.

MONTHS.	Richmond (Kew Observatory). 51° 28' N. 0° 19' W. 18 ft. = 5 m. London.			St. James's Park. 51° 30' N. 0° 8' W. 27 ft. = 8 m. London.			Dungeness. 50° 55' N. 0° 58' E. 21 ft. = 6 m. Kent.			Margate. 51° 24' N. 1° 24' E. 51 ft. = 16 m. Kent.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	79.2	74.4	76.8	79.8	74.6	77.2	79.6	74.5	77.1	79.3	74.7	77.0
F.	80.2	74.7	77.5	80.7	74.9	77.8	79.9	74.8	77.4	80.0	75.0	77.5
M.	82.3	75.2	78.8	82.7	75.6	79.2	81.3	75.4	78.4	81.8	75.8	78.8
A.	85.8	77.2	81.5	86.1	77.8	82.0	83.9	77.7	80.8	84.6	77.9	81.3
M.	89.5	80.2	84.9	89.7	80.9	85.3	87.3	80.8	84.1	88.1	80.8	84.4
J.	92.8	83.4	88.1	92.7	84.1	88.4	90.1	83.9	87.0	91.1	83.9	87.5
J.	94.7	85.4	90.1	94.7	85.9	90.3	92.2	85.8	89.0	93.6	85.8	89.7
A.	93.9	84.9	89.4	94.1	85.7	89.9	92.6	86.1	89.3	93.4	86.0	89.7
S.	91.3	82.6	86.9	91.6	83.6	87.6	90.9	84.1	87.5	91.2	84.6	87.9
O.	86.4	79.4	82.9	86.9	80.3	83.6	87.1	80.8	83.9	86.9	81.1	84.0
N.	82.5	76.8	79.7	83.2	77.3	80.2	83.4	77.8	80.6	83.1	77.9	80.5
D.	80.1	75.2	77.6	80.7	75.6	78.2	80.9	75.8	78.4	80.5	75.6	78.1
Y.	86.6	79.1	82.8	86.9	79.7	83.3	85.8	79.8	82.8	86.1	79.9	83.0
MONTHS.	Tunbridge Wells. 51° 8' N. 0° 16' E. 421 ft. = 128 m. Kent.			Wisley. 51° 17' N. 0° 26' W. 150 ft. = 46 m. Surrey.			Bognor. 50° 47' N. 0° 40' W. 20 ft. = 6 m. Sussex.			Brighton. 50° 49' N. 0° 8' W. 31 ft. = 9 m. Sussex.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.8	73.4	76.1	79.1	73.7	76.4	79.8	75.1	77.4	79.7	75.1	77.4
F.	80.0	73.7	76.9	80.1	74.1	77.1	80.2	75.3	77.8	80.3	75.4	77.9
M.	82.1	74.8	78.4	82.4	74.6	78.5	81.8	75.8	78.8	81.9	76.0	79.0
A.	85.7	76.6	81.2	85.9	76.5	81.2	84.6	77.9	81.3	85.2	78.1	81.7
M.	89.2	79.4	84.3	89.7	79.3	84.5	88.2	80.7	84.5	88.9	81.1	85.1
J.	92.3	82.4	87.4	92.7	82.4	87.6	90.9	83.6	87.3	91.7	84.1	87.9
J.	94.4	84.3	89.4	94.7	84.3	89.5	92.6	85.5	89.1	93.5	86.0	89.8
A.	93.8	84.1	88.9	94.2	83.9	89.1	92.6	85.7	89.2	93.4	86.1	89.8
S.	91.4	82.1	86.8	91.5	81.6	86.6	90.7	84.0	87.4	91.6	84.2	87.9
O.	86.7	79.3	83.0	86.6	78.6	82.6	86.8	80.9	83.9	87.3	81.1	84.2
N.	82.4	76.2	79.3	82.6	76.0	79.3	83.4	78.0	80.7	83.4	78.3	80.8
D.	80.1	74.8	77.4	80.1	74.7	77.4	81.0	76.2	78.6	80.9	76.2	78.6
Y.	86.4	78.4	82.4	86.6	78.3	82.5	86.1	79.9	83.0	86.5	80.2	83.3

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

## ENGLAND, S.E.

MONTHS.	Eastbourne. 50° 46' N. 0° 17' E. 35 ft. = 11 m. Sussex.			St. Leonards. 50° 51' N. 0° 33' E. 178 ft. = 54 m. Sussex.			Worthing. 50° 49' N. 0° 22' W. 35 ft. = 11 m. Sussex.			Reading. 51° 26' N. 0° 57' W. 264 ft. = 80 m. Berkshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.0	75.4	77.7	79.4	74.9	77.2	79.6	74.6	77.1	79.2	73.1	76.2
F.	80.5	75.6	78.1	79.9	75.2	77.6	80.3	75.0	77.7	80.4	73.5	76.9
M.	81.9	76.1	79.0	81.6	75.9	78.8	82.0	75.6	78.8	82.5	74.1	78.3
A.	84.7	78.1	81.4	84.6	77.9	81.3	85.0	77.7	81.3	86.1	75.8	81.0
M.	87.9	80.9	84.4	88.1	80.8	84.4	88.7	80.7	84.7	89.5	79.1	84.3
J.	90.8	83.9	87.3	90.9	83.8	87.3	91.2	83.7	87.4	92.4	82.3	87.4
J.	92.5	85.9	89.2	92.7	85.7	89.2	92.9	85.6	89.2	94.4	84.2	89.3
A.	92.8	86.1	89.5	92.8	85.9	89.4	93.0	85.6	89.3	93.9	83.6	88.8
S.	91.0	84.3	87.7	91.0	84.2	87.6	91.3	83.8	87.6	91.5	81.6	86.6
O.	87.2	81.1	84.2	86.9	81.1	84.0	87.2	80.6	83.9	86.5	78.5	82.5
N.	83.8	78.5	81.2	83.2	78.1	80.7	83.4	77.7	80.6	82.6	75.7	79.1
D.	81.4	76.6	79.0	80.7	76.1	78.4	80.8	75.8	78.3	80.1	74.1	77.1
Y.	86.2	80.2	83.2	86.0	79.9	83.0	86.3	79.7	83.0	86.6	77.9	82.3
MONTHS.	Wokingham. 51° 23' N. 0° 48' W. 215 ft. = 66 m. Berkshire.			Bournemouth. 50° 43' N. 1° 53' W. 145 ft. = 44 m. Hampshire.			Grayshott. 51° 7' N. 0° 46' W. 661 ft. = 201 m. Hampshire.			Portsmouth. 50° 48' N. 1° 6' W. 11 ft. = 3 m. Hampshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	79.1	72.1	75.6	80.1	74.6	77.3	78.7	73.6	76.2	80.1	74.9	77.5
F.	80.2	72.3	76.3	80.8	74.8	77.8	79.5	73.7	76.6	80.8	75.2	78.0
M.	82.5	73.1	77.8	82.7	75.3	79.0	81.7	74.7	78.2	82.7	75.8	79.3
A.	86.2	74.5	80.3	85.8	77.1	81.4	85.2	76.2	80.7	85.8	77.8	81.8
M.	89.7	77.4	83.6	89.4	79.9	84.7	89.1	79.3	84.2	89.5	80.9	85.2
J.	92.5	80.7	86.6	92.2	82.9	87.6	91.2	82.0	86.6	92.4	83.9	88.2
J.	94.5	82.4	88.4	93.9	84.8	89.4	93.3	84.1	88.7	94.1	85.9	90.0
A.	94.0	81.9	88.0	93.7	84.7	89.2	92.8	83.9	88.3	93.9	86.0	90.0
S.	91.4	79.8	85.6	91.6	82.7	87.1	90.4	82.2	86.3	91.7	83.9	87.8
O.	86.6	77.1	81.8	87.1	79.9	83.5	86.3	79.7	83.0	87.4	80.8	84.1
N.	82.6	74.3	78.5	83.4	77.1	80.3	81.6	75.8	78.7	83.6	77.9	80.8
D.	79.9	73.3	76.6	80.9	75.7	78.3	79.6	74.9	77.3	81.2	76.2	78.7
Y.	86.6	76.6	81.6	86.8	79.1	83.0	85.8	78.3	82.1	86.9	79.9	83.4



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, S.E. AND ENGLAND, N.W.

MONTHS.	Southampton. 50° 55' N. 1° 24' W. 64 ft. = 20 m. Hampshire.			Totland Bay. 50° 41' N. 1° 33' W. 140 ft. = 43 m. Isle of Wight.			Ventnor. 50° 36' N. 1° 13' W. 59 ft. = 18 m. Hampshire.			Marlborough. 51° 25' N. 1° 44' W. 424 ft. = 129 m. Wiltshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.1	74.8	77.5	79.8	75.4	77.6	80.6	76.2	78.4	79.0	72.9	76.0
F.	81.3	75.1	78.2	80.3	75.4	77.9	81.0	76.2	78.6	80.0	73.2	76.6
M.	83.3	75.6	79.4	81.8	76.0	78.9	82.5	76.7	79.6	82.0	73.7	77.9
A.	86.7	77.6	82.2	84.8	77.9	81.4	85.3	78.6	81.9	85.5	75.4	80.4
M.	90.3	80.6	85.5	88.3	80.6	84.4	88.6	81.3	84.9	89.2	78.2	83.7
J.	93.2	83.7	88.4	90.9	83.7	87.3	91.2	84.3	87.8	92.3	81.2	86.8
J.	94.9	85.6	90.3	92.4	85.8	89.1	92.9	86.2	89.6	93.8	82.9	88.4
A.	94.5	85.3	89.9	92.7	86.2	89.5	93.0	86.6	89.8	93.3	82.4	87.9
S.	92.2	83.1	87.7	90.8	84.0	87.4	91.2	85.2	88.2	90.8	80.2	85.5
O.	87.6	80.0	83.8	86.9	81.1	84.0	87.4	82.2	84.8	86.1	77.6	81.8
N.	83.6	77.3	80.4	83.4	78.4	80.9	84.0	79.3	81.7	82.2	75.2	78.7
D.	81.1	75.7	78.4	81.1	76.7	78.9	81.7	77.4	79.6	79.8	73.7	76.8
Y.	87.4	79.5	83.4	86.1	80.1	83.1	86.6	80.8	83.7	86.2	77.2	81.7
MONTHS.	Salisbury* (Wilton Ho). 51° 4' N. 1° 51' W. 180 ft. = 55 m. Wiltshire.			Aspatria. 54° 46' N. 3° 13' W. 487 ft. = 148 m. Cumberland.			Newton Rigg. 54° 40' N. 3° 49' W. 559 ft. = 170 m. Cumberland.			Scaleby. 54° 54' N. 2° 52' W. 111 ft. = 34 m. Cumberland.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	79.8	72.6	76.2	78.9	73.8	76.4	78.5	72.9	75.7	78.9	73.2	76.1
F.	81.1	72.8	76.9	79.6	73.8	76.7	79.1	72.5	75.8	79.8	73.2	76.5
M.	83.3	73.3	78.3	81.1	74.2	77.7	81.0	73.3	77.2	81.5	73.9	77.7
A.	87.2	75.2	81.2	84.3	75.8	80.1	84.1	75.1	79.6	84.9	75.7	80.3
M.	91.2	78.2	84.7	87.5	78.5	83.0	87.9	77.6	82.8	88.2	78.4	83.3
J.	94.2	81.3	87.8	90.9	81.7	86.3	91.6	80.7	86.2	91.6	81.4	86.5
J.	96.0	83.3	89.7	91.7	83.3	87.5	92.8	82.6	87.7	92.4	83.2	87.8
A.	95.2	82.8	89.0	91.3	83.3	87.3	91.6	82.2	86.9	91.8	82.9	87.4
S.	92.5	80.6	86.6	89.6	81.1	85.4	89.6	79.9	84.8	89.8	80.9	85.4
O.	87.6	77.6	82.6	85.2	78.1	81.7	85.1	77.3	81.2	85.5	77.8	81.7
N.	83.4	74.9	79.2	81.6	75.9	78.8	81.1	74.6	77.8	81.6	75.3	78.4
D.	80.7	73.4	77.1	79.4	74.3	76.9	78.8	73.2	76.0	79.4	73.6	76.5
Y.	87.7	77.2	82.4	85.1	77.8	81.5	85.1	76.8	81.0	85.4	77.4	81.4

\* The thermometers at Salisbury were, until 1907, exposed on a Glaisher Stand, not in a Stevenson Screen.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, N.W.

MONTHS.	Blackpool. 53° 49' N. 3° 3' W. 66 ft. = 20 m. Lancashire.			Carnforth. 54° 8' N. 2° 44' W. 174 ft. = 53 m. Lancashire.			Southport. 53° 39' N. 2° 59' W. 37 ft. = 11 m. Lancashire.			Stonyhurst. 53° 51' N. 2° 28' W. 375 ft. = 114 m. Lancashire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	79.1	74.3	76.7	78.9	73.4	76.2	78.9	74.4	76.7	78.4	73.9	76.2
F.	79.7	74.4	77.1	79.8	73.5	76.7	79.8	74.6	77.2	79.1	74.1	76.6
M.	81.2	75.0	78.1	81.3	74.3	77.8	81.3	75.2	78.3	80.7	74.6	77.7
A.	84.2	76.7	80.4	84.5	76.4	80.5	84.3	76.9	80.6	83.8	76.3	80.1
M.	87.4	79.4	83.4	87.9	79.3	83.6	87.7	79.7	83.7	87.3	79.2	83.3
J.	90.5	82.6	86.6	91.1	82.3	86.7	90.6	82.9	86.8	90.7	82.3	86.5
J.	91.6	84.7	88.2	91.8	84.1	87.9	91.6	84.9	88.2	91.6	84.1	87.8
A.	91.2	84.6	87.9	91.2	83.9	87.6	91.3	84.7	88.0	90.9	83.8	87.3
S.	89.6	82.6	86.1	89.6	82.1	85.8	89.6	82.5	86.1	88.9	81.8	85.4
O.	85.7	79.4	82.6	85.6	79.2	82.4	85.7	79.4	82.6	84.7	78.8	81.8
N.	82.3	76.8	79.6	82.0	76.2	79.1	82.1	76.9	79.5	81.3	76.4	78.9
D.	79.9	75.0	77.5	79.7	74.3	77.0	79.8	75.2	77.5	79.2	74.6	76.9
Y.	85.2	78.8	82.0	85.3	78.2	81.8	85.2	78.9	82.1	84.7	78.3	81.5
MONTHS.	Bidston, Liverpool* 53° 24' N. 3° 4' W. 188 ft. = 57 m. Cheshire.			Oldham Road, Manchester. 53° 29' N. 2° 13' W. 190 ft. = 58 m. Lancashire.			Whitworth Park, Manchester. 53° 28' N. 2° 14' W. 124 ft. = 38 m. Lancashire.			Hawarden Bridge. 53° 12' N. 3° 1' W. 22 ft. = 7 m. Cheshire.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	79.3	74.8	77.1	79.2	75.1	77.2	79.3	74.6	76.9	80.0	74.7	77.4
F.	79.8	75.0	77.4	79.9	75.3	77.6	80.2	74.7	77.5	80.8	74.7	77.8
M.	81.3	75.7	78.5	81.7	76.0	78.8	81.9	75.4	78.7	82.3	75.6	78.9
A.	84.3	77.6	80.9	85.1	77.7	81.4	85.2	77.2	81.2	85.3	77.4	81.4
M.	87.6	80.4	84.0	88.8	80.8	84.8	88.6	80.3	84.4	88.4	80.2	84.3
J.	90.6	83.6	87.1	92.1	84.0	88.1	91.9	83.4	87.7	91.6	83.3	87.4
J.	91.7	85.3	88.5	93.1	85.7	89.4	93.0	85.0	89.0	92.8	84.9	88.9
A.	91.3	85.2	88.3	92.4	85.3	88.9	92.5	84.5	88.5	92.6	84.8	88.7
S.	89.3	83.4	86.4	90.3	83.6	87.0	90.4	82.6	86.5	90.5	82.6	86.6
O.	85.3	80.1	82.7	85.9	80.6	83.3	86.1	79.7	82.9	86.4	79.6	83.0
N.	82.2	77.6	79.9	82.1	77.5	79.8	82.2	76.7	79.4	83.2	77.0	80.1
D.	80.1	75.7	77.9	80.0	75.9	78.0	79.9	75.3	77.6	81.0	75.6	78.3
Y.	85.2	79.5	82.4	85.9	79.8	82.9	85.9	79.1	82.5	86.3	79.2	82.8



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, N.W. AND WALES.

MONTHS.	Hoylake. 53° 23' N. 3° 12' W. 30 ft. = 9 m. Cheshire.			Macclesfield. 53° 16' N. 2° 8' W. 500 ft. = 152 m. Cheshire.			Rhyl. 53° 19' N. 3° 29' W. 30 ft. = 9 m. Flint.			Holyhead. 53° 18' N. 4° 39' W. 15 ft. = 5 m. Anglesey.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	79.9	74.8	77.4	78.3	73.2	75.7	80.6	74.8	77.7	80.3	76.6	78.4
F.	80.6	75.0	77.8	79.2	73.4	76.3	80.9	74.9	77.9	80.4	76.3	78.4
M.	82.1	75.9	79.0	81.1	74.1	77.6	81.8	75.6	78.7	81.3	76.6	78.9
A.	85.0	77.6	81.3	84.4	76.0	80.2	84.4	77.4	80.9	83.7	78.3	81.0
M.	88.2	80.2	84.2	87.6	78.7	83.2	87.4	79.9	83.7	86.3	80.6	83.4
J.	91.2	83.4	87.3	91.1	81.9	86.5	90.6	83.2	86.9	89.1	83.3	86.2
J.	92.1	85.1	88.6	92.4	83.7	88.1	91.5	84.9	88.2	90.4	85.0	87.7
A.	92.0	85.0	88.5	91.7	83.5	87.6	91.3	84.8	88.1	90.4	85.2	87.8
S.	90.3	83.1	86.7	89.6	81.5	85.6	89.8	82.7	86.3	89.1	84.0	86.6
O.	86.3	80.0	83.2	85.0	78.3	81.7	86.2	79.8	83.0	85.8	81.3	83.6
N.	83.1	77.4	80.3	81.3	75.7	78.5	83.3	77.1	80.2	83.1	79.1	81.1
D.	80.8	75.6	78.2	79.0	73.9	76.4	81.6	75.6	78.6	81.3	77.4	79.3
Y.	85.9	79.4	82.7	85.1	77.8	81.4	85.8	79.2	82.5	85.1	80.3	82.7
MONTHS.	Llandudno. 53° 20' N. 3° 50' W. 71 ft. = 22 m. Carnarvon.			Bettws-y-Coed. 53° 7' N. 3° 53' W. 148 ft. = 45 m. Denbigh.			Aberdovey. 52° 33' N. 4° 4' W. 22 ft. = 7 m. Merioneth.			St. Ann's Head. 51° 41' N. 5° 11' W. 149 ft. = 45 m. Pembroke.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	80.4	75.9	78.2	80.2	74.4	77.3	80.1	76.4	78.2	80.7	77.1	78.9
F.	80.8	75.9	78.4	80.7	74.4	77.6	80.7	76.7	78.7	80.6	76.8	78.7
M.	81.8	76.3	79.1	82.0	74.9	78.4	81.7	77.1	79.4	81.2	76.9	79.1
A.	84.4	78.0	81.2	84.8	76.6	80.7	84.6	79.1	81.8	83.3	78.6	80.9
M.	87.4	80.6	84.0	87.9	79.1	83.5	87.8	81.6	84.7	85.9	80.8	83.4
J.	90.5	83.6	87.1	91.0	82.1	86.6	90.6	84.8	87.7	88.6	83.7	86.2
J.	91.9	85.3	88.6	92.1	83.6	87.9	91.7	86.4	89.1	89.8	85.5	87.7
A.	91.6	85.3	88.5	91.7	83.6	87.6	91.6	86.5	89.1	90.1	85.8	88.0
S.	89.9	83.8	86.9	90.1	81.2	85.7	90.2	84.8	87.5	89.0	84.6	86.8
O.	86.2	80.9	83.6	85.9	78.5	82.2	86.7	81.8	84.3	86.1	81.9	84.1
N.	83.3	78.4	80.8	82.5	76.2	79.4	83.2	78.9	81.1	83.6	79.6	81.6
D.	81.3	76.7	79.0	80.8	75.2	78.0	81.0	77.7	79.3	81.9	78.2	80.1
Y.	85.8	80.1	82.9	85.8	78.3	82.1	85.8	81.0	83.4	84.9	80.8	82.9

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
WALES AND ENGLAND S.W.

MONTHS.	Gwernyfed Park. 52° 5' N. 3° 15' W. 374 ft. = 114 m. Brecknock.			Llangamarch Wells. 52° 7' N. 3° 32' W. 550 ft. = 168 m. Brecknock.			Cardiff. 51° 28' N. 3° 10' W. 202 ft. = 62 m. Glamorgan.			Bath. 51° 23' N. 2° 21' W. 66 ft. = 20 m. Somerset.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	79.3	72.9	76.1	79.3	73.3	76.3	79.4	74.2	76.8	80.1	74.0	77.1
F.	80.3	73.1	76.7	80.2	73.1	76.7	80.3	74.6	77.4	81.1	74.1	77.6
M.	82.2	73.8	78.0	81.7	73.6	77.7	82.1	75.0	78.6	82.9	74.6	78.7
A.	85.5	75.6	80.6	84.8	75.2	80.0	85.0	77.2	81.1	85.9	76.7	81.3
M.	89.2	78.2	83.7	88.3	77.6	82.9	88.6	80.0	84.3	89.6	79.7	84.7
J.	92.2	81.1	86.6	91.3	80.7	86.0	91.6	83.1	87.3	92.3	82.9	87.6
J.	93.6	82.8	88.2	93.0	82.5	87.8	92.8	84.8	88.8	94.0	84.8	89.4
A.	93.0	82.5	87.8	92.2	82.3	87.3	92.6	84.6	88.6	93.7	84.2	88.9
S.	90.7	80.2	85.4	89.9	79.9	84.9	90.3	82.5	86.4	91.6	81.9	86.7
O.	85.9	77.6	81.7	85.9	77.6	81.8	86.2	79.6	82.9	87.2	78.7	82.9
N.	82.3	75.3	78.8	81.8	74.6	78.2	82.5	76.5	79.5	83.2	76.0	79.6
D.	80.2	73.7	76.9	80.3	74.1	77.2	80.4	75.4	77.9	81.1	74.7	77.9
Y.	86.2	77.2	81.7	85.7	77.1	81.4	86.0	78.9	82.5	86.9	78.5	82.7
MONTHS.	Weston-Super-Mare. 51° 20' N. 2° 59' W. 29 ft. = 9 m. Somerset.			Portland Bill. 50° 32' N. 2° 27' W. 19 ft. = 6 m. Dorset.			Shaftesbury. 51° 1' N. 2° 12' W. 722 ft. = 220 m. Dorset.			Arlington. 51° 8' N. 3° 58' W. 613 ft. = 187 m. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+	200+
J.	80.2	75.4	77.8	80.5	76.7	78.6	78.4	73.8	76.1	79.6	74.3	77.0
F.	80.9	75.5	78.2	80.6	76.6	78.6	79.4	73.9	76.7	80.2	74.3	77.2
M.	82.4	76.1	79.3	81.6	76.9	79.3	81.3	74.5	77.9	81.6	74.7	78.2
A.	85.4	78.2	81.8	83.9	78.7	81.3	84.7	76.5	80.6	84.5	76.6	80.6
M.	88.7	81.1	84.9	86.8	81.2	84.0	88.2	79.3	83.8	87.8	79.2	83.5
J.	91.6	84.1	87.8	89.4	84.2	86.8	91.2	82.3	86.8	90.6	82.2	86.4
J.	92.9	86.1	89.5	91.1	86.2	88.7	92.9	84.3	88.6	91.8	83.9	87.9
A.	92.8	85.9	89.3	91.4	86.6	89.0	92.5	84.1	88.3	91.6	83.8	87.7
S.	91.0	83.8	87.4	90.2	85.3	87.7	90.2	82.5	86.4	89.8	82.2	86.0
O.	86.9	80.7	83.8	86.8	82.3	84.6	85.6	79.4	82.5	85.8	79.4	82.6
N.	83.5	78.1	80.8	83.9	79.8	81.9	81.9	76.7	79.3	82.6	76.9	79.8
D.	81.3	76.3	78.8	81.9	78.1	80.0	79.4	74.7	77.1	80.6	75.3	78.0
Y.	86.4	80.1	83.3	85.7	81.1	83.4	85.5	78.5	82.0	85.6	78.6	82.1



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, S.W.

MONTHS.	Ashburton. 50° 32' N. 3° 46' W. 583 ft. = 178 m. Devon.			Cullompton. 50° 51' N. 3° 23' W. 202 ft. = 62 m. Devon.			Ilfracombe. 51° 12' N. 4° 8' W. 24 ft. = 7 m. Devon.			Plymouth. 50° 22' N. 4° 8' W. 116 ft. = 35 m. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.6	75.4	78.0	80.3	74.2	77.3	81.3	77.2	79.3	81.2	76.2	78.7
F.	81.2	75.4	78.3	81.1	74.4	77.8	81.4	77.2	79.3	81.5	76.2	78.8
M.	82.9	75.9	79.4	83.0	74.8	78.9	82.2	77.6	79.9	82.8	76.4	79.6
A.	85.7	77.9	81.8	86.2	76.8	81.5	84.6	79.4	82.0	85.5	78.5	82.0
M.	88.8	80.6	84.7	89.8	79.4	84.6	87.4	81.9	84.7	88.5	81.2	84.8
J.	91.6	83.4	87.5	92.7	82.3	87.5	90.2	84.8	87.5	91.2	84.1	87.6
J.	92.5	85.2	88.8	94.2	84.1	89.2	91.6	86.6	89.1	92.7	85.7	89.2
A.	92.9	85.1	89.0	93.8	83.6	88.7	91.7	86.9	89.3	92.5	85.6	89.1
S.	90.9	83.4	87.2	91.6	81.6	86.6	90.3	85.4	87.8	90.7	83.9	87.3
O.	87.1	80.6	83.9	87.1	78.8	82.9	86.9	82.7	84.8	87.1	80.9	84.0
N.	83.7	78.1	80.9	83.3	76.3	79.8	84.2	80.2	82.2	84.0	78.6	81.3
D.	81.5	76.4	78.9	81.2	75.0	78.1	82.3	78.4	80.4	82.2	77.2	79.7
Y.	86.7	79.8	83.2	87.1	78.4	82.8	86.2	81.5	83.8	86.7	80.4	83.6
MONTHS.	Princetown. 50° 39' N. 3° 59' W. 1359 ft. = 415 m. Devon.*			Rousdon. 50° 43' N. 3° 0' W. 515 ft. = 157 m. Devon.			Sidmouth. 50° 41' N. 3° 15' W. 147 ft. = 45 m. Devon.			Teignmouth. 50° 33' N. 3° 27' W. 19 ft. = 6 m. Devon.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	78.5	73.7	76.1	79.7	74.9	77.3	80.6	75.3	78.0	81.1	76.2	78.7
F.	78.6	73.5	76.1	80.1	74.7	77.4	81.1	75.6	78.3	81.5	76.3	78.9
M.	79.7	73.9	76.8	81.6	75.2	78.4	82.3	75.8	79.1	83.0	76.5	79.8
A.	82.8	75.9	79.4	84.3	77.1	80.7	85.0	77.7	81.3	85.7	78.5	82.1
M.	85.8	78.6	82.2	87.3	79.7	83.5	88.0	80.3	84.2	88.6	81.2	84.9
J.	88.3	81.6	84.9	90.1	82.7	86.4	90.8	83.1	86.9	91.4	84.1	87.8
J.	90.2	83.6	86.9	91.7	84.4	88.1	92.4	85.0	88.7	93.2	85.9	89.6
A.	89.6	83.5	86.6	91.6	84.5	88.1	92.4	84.9	88.7	93.1	85.8	89.4
S.	87.7	81.7	84.7	89.8	82.9	86.3	90.6	83.3	86.9	91.1	84.0	87.6
O.	84.2	79.2	81.7	86.1	80.0	83.1	86.8	80.5	83.7	87.2	81.1	84.2
N.	80.8	75.8	78.3	82.9	77.4	80.2	83.7	77.9	80.8	84.0	78.6	81.3
D.	79.5	74.8	77.2	80.8	75.7	78.3	81.7	76.5	79.1	82.1	77.1	79.6
Y.	83.8	77.9	78.1	85.5	79.1	82.3	86.3	79.7	83.0	86.8	80.4	83.6

\* 20 years, 1896-1915.

For Scilly see p. 46.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLAND, S.W. AND IRELAND, N.

MONTHS.	Torquay. 50° 28' N. 3° 31' W. 12 ft. = 4 m. Devon.			Woolacombe. 51° 10' N. 4° 12' W. 59 ft. = 18 m. Devon.			Falmouth. 59° 9' N. 5° 4' W. 167 ft. = 51 m. Cornwall.			Newquay. 50° 25' N. 5° 4' W. 189 ft. = 58 m. Cornwall.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	81.2	76.3	78.7	80.9	76.8	78.9	81.3	77.4	79.3	81.3	77.3	79.3
F.	81.5	76.3	78.9	81.2	76.8	79.0	81.4	77.2	79.3	81.5	77.1	79.3
M.	82.8	76.7	79.7	82.3	77.2	79.8	82.3	77.3	79.8	82.1	77.4	79.8
A.	85.2	78.6	81.9	84.7	78.9	81.8	84.4	79.1	81.8	84.2	79.2	81.7
M.	88.3	81.3	84.8	87.6	81.4	84.5	87.3	81.3	84.3	86.9	81.3	84.1
J.	91.0	84.1	87.6	90.3	84.2	87.3	90.1	84.1	87.1	89.4	84.1	86.8
J.	92.9	85.9	89.4	91.4	86.0	88.7	91.8	85.8	88.8	91.1	86.1	88.6
A.	92.7	85.8	89.2	91.8	86.3	89.1	91.6	85.8	88.7	91.3	86.1	88.7
S.	90.8	84.2	87.5	90.5	84.9	87.7	89.7	84.5	87.1	90.0	84.7	87.3
O.	87.2	81.3	84.3	86.9	82.0	84.5	86.5	81.7	84.1	86.8	81.9	84.4
N.	84.1	78.8	81.5	84.0	79.6	81.8	83.9	79.6	81.8	84.1	79.6	81.9
D.	82.2	77.3	79.8	82.1	77.8	79.9	82.3	78.3	80.3	82.6	78.3	80.4
Y.	86.7	80.6	83.6	86.2	81.0	83.6	86.1	81.0	83.6	85.9	81.1	83.5
MONTHS.	Markree Castle. 54° 11' N. 8° 27' W. 122 ft. = 37 m. Sligo.			Blacksod Point. 54° 6' N. 10° 4' W. 330 ft. = 101 m. Mayo.			Malin Head. 55° 23' N. 7° 24' W. 208 ft. = 63 m. Donegal.			Belfast. 54° 35' N. 5° 56' W. 61 ft. = 19 m. Antrim.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.2	74.2	77.2	81.1	76.8	78.9	79.9	76.0	77.9	80.3	74.3	77.3
F.	80.9	74.2	77.6	81.2	76.4	78.8	80.1	75.8	77.9	81.1	74.4	77.8
M.	82.3	74.4	78.4	81.8	76.7	79.3	80.8	76.2	78.5	82.3	74.7	78.5
A.	85.0	76.2	80.6	83.8	78.5	81.2	82.8	77.9	80.4	84.9	76.9	80.9
M.	87.7	78.6	83.2	86.3	80.7	83.5	85.3	80.2	82.8	88.0	79.3	83.7
J.	90.3	81.5	85.9	88.9	83.4	86.2	87.8	82.8	85.3	90.8	82.4	86.6
J.	91.2	83.0	87.1	89.8	84.8	87.3	88.9	84.3	86.6	92.1	83.8	87.9
A.	90.9	82.7	86.8	89.7	84.9	87.3	89.1	84.6	86.8	91.6	83.8	87.7
S.	89.3	80.9	85.1	88.6	83.6	86.1	87.9	83.3	85.6	89.6	81.9	85.7
O.	85.7	77.9	81.8	85.6	80.8	83.2	84.8	80.6	82.7	86.1	78.6	82.3
N.	82.6	75.7	79.2	83.1	78.6	80.8	82.2	78.4	80.3	82.8	75.7	79.2
D.	80.6	74.6	77.6	81.6	77.4	79.5	80.6	76.7	78.7	80.8	74.7	77.8
Y.	85.6	77.8	81.7	85.1	80.2	82.7	84.2	79.7	81.9	85.8	78.4	82.1



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

IRELAND, N. AND S.

MONTHS.	Donaghadee. 54° 33' N. 5° 32' W. 37 ft. = 11 m. Down.			Armagh. 54° 21' N. 6° 39' W. 204 ft. = 62 m. Armagh.			Fitzwilliam Square.* 53° 20' N. 6° 15' W. 47 ft. = 14 m. Dublin.			Glasnevin. 53° 23' N. 6° 16' W. 67 ft. = 20 m. Dublin.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.1	75.4	77.8	79.7	74.6	77.1	80.8	76.1	78.4	80.8	74.8	77.8
F.	80.6	75.4	77.9	80.5	74.5	77.5	81.3	76.1	78.7	81.4	74.8	78.1
M.	81.6	75.6	78.6	82.0	74.8	78.4	82.6	76.4	79.5	82.6	74.9	78.8
A.	83.6	77.6	80.6	84.8	76.3	80.6	85.1	78.2	81.7	84.9	76.4	80.7
M.	86.2	79.9	83.1	87.8	78.9	83.4	88.1	80.8	84.4	87.8	78.8	83.3
J.	88.9	82.6	85.8	90.8	81.8	86.3	91.0	83.8	87.4	90.9	81.9	86.4
J.	90.3	84.0	87.2	91.7	83.4	87.6	92.2	85.3	88.8	92.4	83.8	88.1
A.	90.3	84.1	87.2	91.2	83.2	87.2	91.7	85.0	88.3	92.0	83.4	87.7
S.	88.7	82.7	85.7	89.2	81.3	85.3	89.6	83.2	86.4	90.0	81.3	85.7
O.	85.4	79.8	82.6	85.3	78.4	81.9	85.8	80.1	83.0	86.2	78.4	82.3
N.	82.7	77.5	80.1	82.2	76.2	79.2	83.1	77.9	80.5	83.2	76.5	79.9
D.	80.7	75.9	78.3	80.0	74.9	77.4	81.3	76.4	78.9	81.2	75.1	78.2
Y.	84.9	79.2	82.1	85.4	78.2	81.8	86.1	79.9	83.0	86.1	78.3	82.2
MONTHS.	Phoenix Park. 53° 22' N. 6° 21' W. 155 ft. = 47 m. Dublin.			Trinity College. 53° 21' N. 6° 16' W. 12 ft. = 4 m. Dublin.			Birr Castle. 53° 6' N. 7° 55' W. 175 ft. = 53 m. King's Co.			Kilkenny. 52° 39' N. 7° 14' W. 212 ft. = 65 m. Kilkenny.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	80.6	74.4	77.5	81.2	75.9	78.6	80.3	74.3	77.3	80.4	74.3	77.4
F.	81.2	74.3	77.8	81.7	75.9	78.8	81.2	74.3	77.8	81.3	74.7	78.0
M.	82.3	74.5	78.4	82.8	76.1	79.4	82.6	74.4	78.5	82.6	75.1	78.8
A.	84.7	76.0	80.3	84.9	77.7	81.3	85.3	76.3	80.8	85.3	76.9	81.1
M.	87.5	78.3	82.9	87.8	80.2	84.0	88.4	78.9	83.7	88.4	79.4	83.9
J.	90.7	81.3	86.0	90.8	83.1	86.9	91.3	82.1	86.7	91.3	82.3	86.8
J.	92.0	83.3	87.7	92.3	84.8	88.6	92.1	83.7	87.9	92.5	83.9	88.2
A.	91.6	82.8	87.2	91.9	85.2	88.6	91.6	83.4	87.5	91.9	83.5	87.7
S.	89.6	80.8	85.2	89.9	82.7	86.3	89.7	81.3	85.6	89.9	81.7	85.8
O.	85.9	78.1	82.0	86.3	79.8	83.1	85.8	77.8	81.8	86.0	78.4	82.2
N.	82.9	76.1	79.5	83.5	77.8	80.7	82.6	75.7	79.2	82.9	76.0	79.4
D.	81.1	74.8	77.9	81.7	76.2	78.9	80.8	74.7	77.8	81.0	74.6	77.8
Y.	85.8	77.9	81.9	86.2	79.6	82.9	86.0	78.1	82.1	86.2	78.4	82.3

\* The thermometer screen is in a garden overshadowed by tall houses.

TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.

IRELAND, N. AND ENGLISH CHANNEL.

MONTHS.	Waterford. 52° 16' N. 7° 7' W. 20 ft. = 6 m. Waterford.			Cahir. 52° 22' N. 7° 56' W. 199 ft. = 61 m. Tipperary.			Foynes. 52° 37' N. 9° 7' W. 50 ft. = 15 m. Limerick.			Killarney. 52° 4' N. 9° 30' W. 174 ft. = 53 m. Kerry.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	81.3	75.3	78.3	80.6	74.9	77.8	81.2	75.8	78.5	81.9	75.8	78.9
F.	81.9	75.6	78.7	81.3	74.8	78.1	81.7	75.9	78.8	82.3	75.8	79.1
M.	83.0	76.0	79.5	82.7	75.3	79.0	82.8	76.3	79.6	83.4	76.0	79.7
A.	85.6	77.6	81.6	85.5	76.8	81.2	85.3	77.9	81.6	85.8	77.5	81.7
M.	88.6	80.1	84.3	88.6	79.2	83.9	88.2	80.4	84.3	88.7	79.8	84.3
J.	91.5	82.9	87.2	91.6	82.2	86.9	90.8	83.1	87.0	91.4	82.6	87.0
J.	92.8	84.3	88.6	92.7	83.7	88.2	91.4	84.7	88.1	92.2	84.2	88.2
A.	92.3	84.2	88.2	92.2	83.6	87.9	91.2	84.4	87.8	91.9	84.3	88.1
S.	90.3	82.3	86.3	90.0	81.9	86.0	89.6	82.8	86.2	90.5	82.6	86.6
O.	86.7	79.4	83.1	85.9	78.4	82.2	86.0	80.0	83.0	86.9	79.4	83.2
N.	83.6	76.9	80.3	82.9	76.3	79.6	83.1	77.6	80.3	84.0	77.3	80.7
D.	82.0	75.9	78.9	81.0	74.9	77.9	81.7	76.3	79.1	82.4	76.4	79.4
Y.	86.6	79.2	82.9	86.2	78.5	82.4	86.1	79.6	82.9	86.8	79.3	83.1
MONTHS.	Cahiriveen (Valencia Obs.). 51° 56' N. 10° 15' W. 30 ft. = 9 m. Kerry.			Ballinacurra. 51° 52' N. 8° 10' W. 24 ft. = 7 m. Cork.			Roche's Point. 51° 47' N. 8° 15' W. 32 ft. = 10 m. Cork.			Brooklyn. 49° 27' N. 2° 31' W. 295 ft. = 90 m. Guernsey.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	82.2	77.6	79.9	81.7	75.8	78.8	81.6	77.1	79.4	81.3	77.5	79.4
F.	82.3	77.3	79.8	82.1	76.0	79.1	81.8	76.9	79.4	81.4	77.4	79.4
M.	83.0	77.4	80.2	83.2	76.1	79.6	82.6	77.0	79.8	82.7	77.8	80.3
A.	84.9	78.9	81.9	85.5	77.7	81.6	84.6	78.7	81.7	84.9	79.4	82.2
M.	87.4	81.1	84.2	88.2	80.2	84.2	87.1	81.1	84.1	87.9	81.7	84.8
J.	89.8	83.6	86.7	91.2	82.7	87.0	89.9	83.7	86.8	90.4	84.2	87.3
J.	90.7	85.1	87.9	92.6	84.2	88.4	91.2	85.1	88.1	92.4	86.1	89.3
A.	90.7	85.2	87.9	92.2	84.2	88.2	91.1	85.1	88.1	92.6	86.6	89.6
S.	89.6	83.7	86.7	90.4	82.8	86.6	89.6	83.8	86.7	91.2	85.6	88.4
O.	86.6	81.1	83.8	86.7	79.7	83.2	86.4	81.0	83.7	87.6	83.0	85.3
N.	84.1	79.1	81.6	83.8	77.2	80.5	83.8	78.8	81.3	84.4	80.5	82.5
D.	82.9	78.1	80.5	82.2	76.1	79.2	82.3	77.7	80.0	82.4	78.6	80.5
Y.	86.2	80.7	83.4	86.7	79.4	83.1	86.0	80.5	83.3	86.6	81.6	84.1



TABLE 2.—NORMALS OF TEMPERATURE (ABSOLUTE) 1881-1915—continued.  
ENGLISH CHANNEL.

MONTHS.	Villa Carey. 49° 27' N. 2° 32' W. 180 ft. = 55 m. Guernsey.			St. Aubin's. 49° 12' N. 2° 11' W. 25 ft. = 8 m. Jersey.			St. Louis Obs.* St. Helier's. 49° 12' N. 2° 6' W. 177 ft. = 54 m. Jersey.			St. Mary's. 49° 56' N. 6° 18' W. 131 ft. = 40 m. Scilly.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +	200 +
J.	81·0	77·5	79·3	81·1	76·7	78·9	80·7	77·3	79·0	82·5	78·7	80·6
F.	81·4	77·4	79·4	81·5	76·7	79·1	80·9	77·1	78·9	82·4	78·4	80·4
M.	82·9	77·9	80·4	82·9	77·4	80·2	82·5	77·8	80·2	82·9	78·6	80·8
A.	85·3	79·7	82·5	85·5	79·5	82·5	85·2	79·6	82·4	84·5	79·9	82·2
M.	88·7	82·0	85·3	88·7	81·9	85·3	88·5	81·9	85·2	86·8	82·0	84·4
J.	91·1	84·4	87·8	91·2	84·7	87·9	91·1	84·5	87·8	89·3	84·7	87·0
J.	92·8	86·4	89·6	93·2	86·6	89·9	93·4	86·4	89·9	91·2	86·4	88·8
A.	93·1	86·7	89·9	93·4	86·9	90·2	93·3	87·1	90·2	91·3	86·7	89·0
S.	91·8	85·7	88·8	91·9	85·6	88·7	91·7	85·8	88·8	89·9	85·6	87·8
O.	87·7	82·9	85·3	88·0	82·5	85·3	87·8	83·3	85·6	87·2	83·1	85·1
N.	84·3	80·2	82·3	84·7	79·8	82·3	84·1	80·2	82·2	84·8	80·9	82·9
D.	82·1	78·4	80·3	82·3	78·1	80·2	82·0	78·6	80·3	83·4	79·7	81·6
Y.	86·8	81·6	84·2	87·1	81·4	84·2	86·8	81·6	84·2	86·3	82·1	84·2

\* 23 years 1894-1916.

## CORRIGENDA.

The following tables, etc., to be substituted as indicated :—

Table 1, p. 4.			Table 2, p. 26.			Table 3, p. 59.			Table 5c, p. 107.		
Aberdeen*. 57° 10' N. 2° 6' W. 46 ft. Aberdeen.			Aberdeen*. 57° 10' N. 2° 6' W. 46 ft. Aberdeen.			Clifton. 51° 27' N. 2° 37' W. 229 ft. Gloucester.			Ireland. (South), District 10.		
Max.	Min.	Mean.	Max.	Min.	Mean.	Total.	Total.	Days.	No. of wks., etc., Dist. 10.		
°F.	°F.	°F.	<i>a</i>	<i>a</i>	<i>a</i>	in.	mm.				
42·3	33·2	37·8	78·7	73·7	76·2	2·84	72	16	40	Oct. 1	74
43·4	33·1	38·3	79·3	73·6	76·5	2·36	60	14	41	8	61
46·0	34·3	40·2	80·8	74·3	77·6	2·52	64	14	42	15	60
									43	22	46
50·2	37·5	43·9	83·1	76·1	79·6	2·15	55	13	44	29	45
54·9	41·7	48·3	85·7	78·4	82·1	2·10	53	13			
60·2	47·0	53·6	88·7	81·3	85·0	2·48	63	13			
63·1	50·2	56·7	90·3	83·1	86·7	2·83	72	13	45	Nov. 5	42
62·7	49·8	56·3	90·1	82·9	86·5	3·49	89	15	46	12	32
59·5	46·6	53·1	88·3	81·1	84·7	2·35	60	12	47	19	28
									48	26	27
53·0	41·6	47·3	84·7	78·3	81·5	3·77	96	16			
46·9	37·2	42·1	81·3	75·9	78·6	3·15	80	17			
42·9	34·0	38·5	79·1	74·1	76·6	3·83	97	19			
52·1	40·5	46·3	84·2	77·7	80·9	33·87	861	175			

\* The thermometers to which the table refers are in the Stevenson Screen.

Note.—The temperature tables for Aberdeen, as published originally, were not derived from homogeneous data.

Table 1, p. 24.—Princetown. Mean Temp. for Year, 46·2° F.

Table 2, p. 42. " " " " " 280·9a.

Table 3, p. 57.—Belper. Rainfall for March, 2·35 in.

Table 4, p. 73.—Hull. Delete whole table (see p. 121).

Table 4, p. 79.—Southport. Height (50 ft. + 17 ft.).

List of Stations, p. 91, } Greenwich. { Years of Sunshine, 20.  
No. 104. } { Weighted with 105.



## CORRIGENDA TO SECTION I, OF THE BOOK OF NORMALS,

(See explanation on page 157).

TABLE 3.—NORMALS OF RAINFALL (1881-1915). *Revised Values.*

MONTHS.	p. 49, No. 19. Crathes, Kincardine.		p. 50, No. 26. Edinburgh University, Midlothian.		p. 52, No. 41. Kilmarnock, Ayr.		p. 53, No. 52. Rounton, York, N. Riding.		p. 54, No. 61. Skegness, Lincoln.		p. 54, No. 62. Cromer, Norfolk.		p. 55, No. 67. Felixstowe, Suffolk.	
	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
J.	2'64	67	1'83	47	3'41	86	1'75	44	1'73	44	1'48	38	1'52	39
F.	2'54	65	1'65	42	2'87	73	1'43	36	1'53	39	1'23	31	1'32	33
M.	2'80	71	1'90	48	2'80	71	1'85	47	1'66	42	1'46	37	1'60	41
A.	2'09	53	1'46	37	2'06	52	1'63	41	1'34	34	1'15	29	1'28	32
M.	2'52	64	2'01	51	2'31	59	1'99	51	1'70	43	1'40	36	1'50	38
J.	1'78	45	1'92	49	2'20	56	2'21	56	1'80	46	1'59	40	1'88	48
J.	2'93	74	2'79	71	3'11	79	2'81	71	2'18	55	2'00	51	1'98	50
A.	3'03	77	3'26	83	3'92	100	2'82	72	2'44	62	2'00	51	1'96	50
S.	2'36	60	1'98	50	3'06	78	1'77	45	1'81	46	1'69	43	1'74	44
O.	3'50	89	2'72	69	3'51	89	2'91	74	2'74	70	2'54	64	2'37	60
N.	3'34	85	2'28	58	3'77	96	2'23	57	2'16	55	2'04	52	2'11	54
D.	3'60	91	2'23	56	4'27	108	2'21	56	2'20	56	2'02	51	2'12	54
Y.	33'13	841	26'03	661	37'29	947	25'61	650	23'29	592	20'60	523	21'38	543

MONTHS.	p. 55, No. 73. Berkham- sted, Hertford.		p. 56, No. 77. Southend, Essex.		p. 56, No. 79. Harrogate, York, W. Riding.		p. 56, No. 80. Sheffield, York, W. Riding.		p. 57, No. 83. Nottingham. Nottingham.		p. 57, No. 89. Raunds, Northampton.		p. 58, No. 91. Coventry, Warwick.	
	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.	Total.
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
J.	2'34	59	1'36	35	2'50	66	2'76	70	1'74	44	1'76	45	2'06	52
F.	2'22	56	1'26	32	2'18	55	2'37	60	1'45	37	1'47	37	1'75	45
M.	2'26	57	1'43	36	2'32	59	2'39	61	1'59	40	1'68	43	1'86	47
A.	1'81	46	1'19	30	2'00	51	1'95	49	1'34	34	1'46	37	1'68	43
M.	1'98	50	1'35	34	2'18	55	2'28	58	1'80	46	1'87	47	2'00	51
J.	2'33	59	1'73	44	2'43	62	2'27	58	1'85	47	1'88	48	2'14	54
J.	2'46	62	1'84	47	2'75	70	2'50	64	2'28	58	2'29	58	2'36	60
A.	2'54	65	1'71	43	2'95	75	2'58	65	2'40	61	2'42	62	2'67	68
S.	2'11	54	1'54	39	2'00	51	1'87	47	1'56	40	1'73	44	1'82	46
O.	3'57	91	2'33	59	3'43	87	3'22	82	2'39	61	2'50	63	2'77	71
N.	2'90	74	2'07	53	2'75	70	2'82	72	1'81	46	2'10	53	2'30	58
D.	3'29	84	1'84	47	3'00	76	3'40	86	2'30	58	2'32	59	2'60	66
Y.	29'81	757	19'65	499	30'58	777	30'41	772	22'51	572	23'48	596	26'01	661

\* Berkhamsted (Anglefield) 51° 45' N. 0° 35' W. 450 ft.  
The references at the head of the column are to Section I of the Book of Normals.



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

## SCOTLAND, N.

Station ...			Lerwick.			Deerness.			Stornoway.		
Latitude ...			60° 9' N.			58° 56' N.			58° 11' N.		
Longitude ...			1° 8' W.			2° 45' W.			6° 22' W.		
Above M.S.L. ...			112 ft.			160 ft.			51 ft.		
"County" ...			Shet'lands.			Orkneys.			Hebrides.		
			Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
			in.	mm.		in.	mm.		in.	mm.	
January ...	...	...	4.26	108	27	3.45	88	21	5.17	131	25
February ...	...	...	3.16	80	23	3.01	77	18	4.46	113	22
March ...	...	...	3.14	80	25	2.81	71	20	4.10	104	24
April ...	...	...	2.28	58	19	2.07	53	16	3.03	77	19
May ...	...	...	2.09	53	18	1.99	51	14	2.56	65	19
June ...	...	...	1.78	45	15	1.84	47	13	2.32	59	17
July ...	...	...	2.29	58	17	2.57	65	14	3.03	77	21
August ...	...	...	3.01	76	20	2.87	73	17	3.97	101	22
September ...	...	...	3.01	76	20	2.90	74	18	3.95	100	21
October ...	...	...	3.95	100	24	3.79	96	21	5.18	132	23
November ...	...	...	4.25	108	25	3.93	100	20	5.83	148	24
December ...	...	...	4.79	122	27	4.19	106	23	6.25	159	26
Whole Year ...	...	...	38.01	964	260	35.42	901	215	49.85	1,266	263
Station ...			Wick.			Dunrobin.			Glencarron.		
Latitude ...			58° 27' N.			57° 59' N.			57° 30' N.		
Longitude ...			3° 6' W.			3° 56' W.			5° 14' W.		
Above M.S.L. ...			81 ft.			12 ft.			500 ft.		
"County" ...			Caithness.			Sutherland.			Ross and Cromarty.		
			Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
			in.	mm.		in.	mm.		in.	mm.	
January ...	...	...	2.46	62	21	2.75	70	14	10.07	256	23
February ...	...	...	2.27	58	19	2.54	65	13	7.36	187	20
March ...	...	...	2.27	58	21	2.63	67	16	7.57	192	23
April ...	...	...	1.99	51	18	2.13	54	12	5.99	152	20
May ...	...	...	2.07	53	18	2.27	58	13	4.52	115	20
June ...	...	...	1.80	46	16	1.92	49	12	4.14	105	18
July ...	...	...	2.63	67	18	2.86	73	14	5.35	136	21
August ...	...	...	2.75	70	21	2.71	69	15	6.94	176	23
September ...	...	...	2.50	64	19	2.41	61	13	7.55	192	20
October ...	...	...	2.96	75	21	2.89	73	15	8.32	211	22
November ...	...	...	3.14	80	20	3.32	84	16	9.48	241	23
December ...	...	...	3.08	78	22	3.22	82	16	10.46	266	24
Whole Year ...	...	...	29.92	762	234	31.65	805	169	87.75	2,229	257



TABLE 3.—NORMALS OF RAINFALL (1881-1915).—continued.

## SCOTLAND, N. AND E.

MONTHS.	Strathpeffer. 57° 35' N. 4° 32' W. 200 ft. Ross and Cromarty.			Fort Augustus. 57° 8' N. 4° 40' W. 68 ft. Inverness.			Fort William. 56° 49' N. 5° 7' W. 171 ft. Inverness.			Glenquoich. 57° 4' N. 5° 15' W. 569 ft. Inverness.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3'13	80	19	5'40	137	21	9'58	243	23	13'75	349	—
F.	2'69	68	17	4'19	106	18	7'42	189	19	10'34	263	—
M.	2'62	67	19	3'64	93	19	6'60	168	20	9'72	247	—
A.	1'95	50	16	2'56	65	17	4'43	113	18	6'49	165	—
M.	1'83	47	17	2'38	61	17	3'86	98	18	5'47	139	—
J.	1'82	46	14	2'03	52	15	3'50	89	15	4'91	125	—
J.	2'60	66	18	2'80	71	17	4'85	123	20	6'42	163	—
A.	2'60	66	19	3'47	88	19	6'14	156	22	8'21	209	—
S.	2'21	56	17	3'40	86	17	6'28	160	19	8'64	219	—
O.	2'57	65	19	3'94	100	20	7'03	179	21	10'00	254	—
N.	3'04	77	19	4'58	116	21	8'07	205	21	12'14	308	—
D.	3'48	88	20	5'81	148	22	10'08	256	24	14'66	372	—
Y.	30'54	776	214	44'20	1,123	223	77'84	1,979	240	110'75	2,813	—
MONTHS.	Inverness. 57° 28' N. 4° 13' W. 98 ft. Inverness.			Nairn. 57° 36' N. 3° 52' W. 82 ft. Nairn.			Gordon Castle. 57° 37' N. 3° 5' W. 101 ft. Elgin or Moray.			Aberdeen. 57° 10' N. 2° 6' W. 46 ft. Aberdeen.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'48	63	—	1'99	51	18	2'02	51	16	2'18	55	18
F.	2'18	55	—	1'80	46	17	1'92	49	15	2'05	52	17
M.	3'13	54	—	1'87	48	19	2'32	59	18	2'41	61	20
A.	1'59	40	—	1'50	38	16	1'75	45	15	1'87	48	17
M.	1'81	46	—	1'80	46	17	2'12	54	15	2'33	59	17
J.	1'87	47	—	1'76	45	15	2'04	52	14	1'71	43	15
J.	2'55	65	—	2'68	68	18	3'20	81	17	2'81	71	17
A.	2'49	63	—	2'41	61	19	3'17	81	18	2'74	70	18
S.	2'29	58	—	2'20	56	17	2'50	64	15	2'22	56	17
O.	2'38	60	—	2'35	60	19	3'16	80	19	3'00	76	20
N.	2'50	64	—	2'36	60	19	2'88	73	17	2'95	75	19
D.	2'60	66	—	2'22	56	19	2'69	68	17	3'22	82	19
Y.	26'87	681	—	24'94	635	213	29'77	757	196	29'49	748	214

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

## SCOTLAND, E.

MONTHS.	Balmoral. 57° 2' N. 3° 12' W. 930 ft. Aberdeen.			Braemar 57° 0' N. 3° 24' W. 1,120 ft. Aberdeen.			Logie Coldstone. 57° 8' N. 2° 55' W. 608 ft. Aberdeen.			Crathes. 57° 3' N. 2° 25' W. 140 ft. Kincardine.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'69	68	—	3'08	78	18	2'21	56	—	2'94	75	16
F.	2'66	68	—	2'73	69	15	2'08	53	—	2'76	70	16
M.	2'95	75	—	2'93	74	18	2'60	66	—	2'90	74	19
A.	2'25	57	—	2'31	59	16	2'01	51	—	2'03	52	15
M.	2'42	61	—	2'39	61	16	2'49	63	—	2'64	67	16
J.	1'95	50	—	1'91	49	14	1'95	50	—	1'55	39	12
J.	2'65	67	—	2'56	65	17	2'96	75	—	2'83	72	17
A.	3'44	80	—	3'36	85	19	3'17	81	—	2'79	71	17
S.	2'37	60	—	2'52	64	15	2'33	59	—	2'24	57	15
O.	3'60	91	—	3'75	95	20	3'24	82	—	3'72	95	19
N.	3'68	93	—	3'89	99	18	3'07	78	—	3'43	87	18
D.	3'29	84	—	3'57	91	19	2'81	71	—	4'07	103	19
Y.	33'65	854	—	35'00	889	205	30'92	785	—	33'90	862	199
MONTHS.	Balruddery. 56° 29' N. 3° 8' W. 276 ft. Forfar.			Dundee. 56° 22' N. 2° 56' W. 160 ft. Forfar.			Crieff. 56° 22' N. 3° 50' W. 432 ft. Perth.			Perth. 56° 24' N. 3° 27' W. 76 ft. Perth.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'07	53	17	1'95	50	17	4'03	102	19	2'51	64	14
F.	2'12	54	12	1'88	48	14	3'52	89	16	2'27	58	13
M.	2'40	61	15	2'06	52	16	3'20	81	17	2'49	63	15
A.	1'79	46	12	1'70	43	13	2'19	56	14	1'78	45	12
M.	2'12	54	13	2'09	53	14	2'49	63	15	2'22	56	14
J.	1'93	49	12	1'80	46	13	2'64	67	13	1'97	50	12
J.	3'04	77	15	2'74	70	15	2'97	75	15	2'89	73	15
A.	3'47	88	17	3'38	86	17	4'21	107	17	3'37	86	16
S.	2'20	56	13	2'08	53	14	2'86	73	14	2'23	57	13
O.	2'92	74	16	2'66	68	17	3'93	100	18	2'95	75	16
N.	2'72	69	15	2'44	62	16	4'34	110	19	2'88	73	15
D.	2'99	76	17	2'66	68	17	4'48	114	20	3'23	82	17
Y.	29'77	757	174	27'44	699	183	40'86	1037	197	30'79	782	172



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

SCOTLAND, E. AND W.

MONTHS.	Stronvar. 56° 23' N. 4° 15' W. 422 ft. Perth.			Blackford Hill, Edinburgh. 55° 55' N. 3° 11' W. 441 ft. Midlothian.			Edinburgh Univer- sity, Edinburgh. 55° 55' N. 3° 11' W. 227 ft. Midlothian.			Leith. 55° 59' N. 3° 13' W. 30 ft. Midlothian.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	8.48	215	—	1.76	45	—	1.68	43	17	1.66	42	15
F.	7.11	181	—	1.56	40	—	1.59	40	15	1.42	36	14
M.	6.18	157	—	1.77	45	—	1.87	47	17	1.75	44	17
A.	4.47	114	—	1.37	35	—	1.42	36	16	1.29	33	14
M.	4.04	103	—	1.75	45	—	1.98	50	14	1.83	46	14
J.	3.83	97	—	1.93	49	—	1.88	48	15	1.73	44	13
J.	4.31	109	—	2.61	66	—	2.69	68	14	2.55	65	16
A.	6.09	155	—	2.92	74	—	3.06	78	16	2.94	75	17
S.	5.32	135	—	1.83	47	—	1.95	50	13	1.76	45	13
O.	6.83	173	—	2.58	66	—	2.60	66	17	2.41	61	17
N.	8.00	203	—	2.16	55	—	2.12	54	16	1.95	50	15
D.	9.58	243	—	2.16	55	—	2.16	55	19	2.00	51	17
Y.	74.24	1885	—	24.40	622	—	25.00	635	189	23.29	592	182
MONTHS.	Marchmont. 55° 44' N. 2° 25' W. 498 ft. Berwick.			Kelso. 55° 38' N. 2° 25' W. 195 ft. Roxburgh.			Wolfelee. 55° 23' N. 2° 39' W. 537 ft. Roxburgh.			Poltalloch. 56° 8' N. 5° 30' W. 132 ft. Argyll.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.25	57	16	1.75	44	—	3.20	81	—	5.02	128	20
F.	2.08	53	15	1.70	43	—	3.26	83	—	4.19	106	18
M.	2.65	67	18	1.95	50	—	3.35	85	—	3.81	97	19
A.	2.02	51	15	1.57	40	—	2.26	57	—	2.93	74	15
M.	2.47	63	15	1.93	49	—	2.34	59	—	2.89	73	15
J.	2.31	59	13	2.11	54	—	2.34	59	—	2.99	76	14
J.	3.05	78	15	2.63	67	—	3.08	78	—	4.09	104	18
A.	3.31	84	17	2.95	75	—	3.34	85	—	4.90	125	20
S.	2.41	61	15	1.90	48	—	2.57	65	—	4.56	116	18
O.	3.82	97	19	2.91	74	—	3.84	98	—	4.95	126	19
N.	3.00	76	18	2.31	59	—	3.87	98	—	5.57	142	20
D.	2.81	71	18	2.32	59	—	4.18	106	—	6.33	161	21
Y.	32.18	817	194	26.03	662	—	37.63	954	—	52.23	1328	217

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

SCOTLAND, W.

MONTHS.	Mull Quinish. 56° 34' N. 6° 13' W. 35 ft. Argyll.			Islay Eallabus. 55° 47' N. 6° 15' W. 68 ft. Argyll.			Rothesay. 55° 50' N. 5° 4' W. 90 ft. Bute.			Buchlyvie. 56° 7' N. 4° 18' W. 118 ft. Stirling.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	5.60	142	—	4.68	119	—	4.50	114	21	5.25	133	—
F.	4.74	120	—	4.19	106	—	4.00	102	19	4.48	114	—
M.	4.43	112	—	3.82	97	—	3.59	91	19	3.82	97	—
A.	3.30	84	—	2.87	73	—	2.98	76	17	3.02	77	—
M.	3.06	78	—	2.65	67	—	3.03	77	17	3.06	78	—
J.	2.97	75	—	2.62	66	—	3.07	78	15	3.01	76	—
J.	4.05	103	—	3.41	87	—	3.96	101	19	3.66	93	—
A.	4.91	125	—	4.36	111	—	4.87	124	20	4.97	126	—
S.	4.79	122	—	4.18	106	—	4.05	103	17	3.90	99	—
O.	5.60	142	—	4.77	121	—	4.41	112	20	4.33	110	—
N.	6.17	157	—	5.38	137	—	5.07	129	21	4.89	124	—
D.	7.13	181	—	5.93	151	—	5.45	138	23	5.91	150	—
Y.	56.75	1,441	—	48.86	1,241	—	48.98	1,245	228	50.30	1,277	—
MONTHS.	Greenock. 55° 56' N. 4° 46' W. 199 ft. Renfrew.			Paisley. 55° 51' N. 4° 26' W. 106 ft. Renfrew.			Glasgow Observatory. 55° 53' N. 4° 18' W. 180 ft. Lanark.			Colmonell. 55° 8' N. 4° 53' W. 170 ft. Ayr.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	6.84	174	21	3.99	101	21	3.27	83	19	4.33	110	—
F.	5.62	143	18	3.51	89	17	2.88	73	16	3.86	98	—
M.	4.93	125	18	3.18	81	18	2.67	68	17	3.38	86	—
A.	3.64	92	16	2.32	59	16	2.08	53	14	2.53	64	—
M.	3.45	88	16	2.49	63	16	2.59	66	15	2.56	65	—
J.	3.30	84	15	2.48	63	15	2.52	64	14	2.53	64	—
J.	3.92	100	17	2.86	73	16	3.09	79	17	3.15	80	—
A.	5.44	138	19	3.91	99	19	3.91	99	18	4.00	102	—
S.	4.75	121	17	3.01	76	16	2.98	76	16	3.47	88	—
O.	5.38	137	19	3.74	95	19	3.40	86	17	4.45	113	—
N.	6.42	163	19	4.18	106	19	3.64	93	18	4.99	127	—
D.	7.89	200	22	5.05	128	22	4.15	105	21	5.58	142	—
Y.	61.58	1,565	217	40.72	1,033	214	37.18	945	202	44.83	1,139	—



TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
SCOTLAND, W., AND ENGLAND, N.E.

MONTHS.	Kilmarnock. 55° 37' N. 4° 36' W. 90 ft. Ayr.			Drumlanrig. 55° 18' N. 3° 48' W. 191 ft. Dumfries.			Dumfries. 55° 4' N. 3° 36' W. 160 ft. Dumfries.			Cally. 54° 52' N. 4° 12' W. 120 ft. Kirkcudbright.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3·56	90	19	4·13	105	—	3·03	77	18	4·41	112	18
F.	3·06	78	16	3·82	97	—	3·08	78	16	4·00	102	16
M.	2·81	71	16	3·73	95	—	2·82	72	16	3·82	97	16
A.	2·21	56	14	2·46	62	—	2·22	56	14	2·97	75	14
M.	2·47	63	14	2·62	67	—	2·59	66	15	3·20	81	14
J.	2·31	59	13	2·46	62	—	2·39	61	13	2·94	75	13
J.	3·25	83	17	3·42	87	—	3·08	78	16	3·56	90	15
A.	4·20	107	18	4·23	107	—	3·81	97	17	4·62	117	17
S.	3·23	82	16	2·95	75	—	2·55	65	14	3·83	97	14
O.	3·48	88	16	4·31	109	—	3·72	95	17	4·73	120	16
N.	3·78	96	18	4·19	106	—	3·47	88	17	5·19	132	18
D.	4·12	105	21	5·25	133	—	4·03	102	20	5·54	141	19
Y.	38·48	978	198	43·57	1,105	—	36·79	935	193	48·81	1,239	190
MONTHS.	Cargen. 55° 2' N. 3° 37' W. 85 ft. Kirkcudbright.			Douglas. 54° 10' N. 4° 28' W. 277 ft. Isle of Man.			Alnwick Castle. 55° 25' N. 1° 41' W. 210 ft. Northumberland.			Cockle Park. 55° 13' N. 1° 41' W. 324 ft. Northumberland.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3·99	101	—	3·39	86	20	2·29	58	17	2·24	57	19
F.	3·88	99	—	3·27	83	18	1·93	49	16	1·81	46	17
M.	3·61	92	—	2·97	75	18	2·53	64	17	2·40	61	18
A.	2·67	68	—	2·47	63	16	1·82	46	15	1·75	45	17
M.	3·01	76	—	2·53	64	15	2·34	59	14	2·35	60	15
J.	2·78	71	—	2·47	63	13	2·18	55	12	2·26	57	13
J.	3·24	82	—	3·06	78	14	2·62	67	15	2·57	65	15
A.	4·40	112	—	3·89	99	17	3·10	79	17	2·97	75	17
S.	2·94	75	—	3·30	84	14	2·24	57	15	2·15	55	15
O.	4·36	111	—	4·62	117	19	3·62	92	18	3·36	85	18
N.	4·52	115	—	4·78	121	19	3·12	79	18	2·68	68	19
D.	5·41	137	—	5·01	127	21	3·00	76	18	2·73	69	19
Y.	44·81	1,139	—	41·76	1,060	204	30·79	781	192	29·27	743	202

TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
ENGLAND, N.E.

MONTHS.	Tynemouth. 55° 0' N. 1° 27' W. 96 ft. Northumberland.			Durham. 54° 46' N. 1° 35' W. 336 ft. Durham.			Ampleforth. 54° 12' N. 1° 6' W. 348 ft. York, N. Riding.			Rounton. 54° 24' N. 1° 18' W. 249 ft. York, N. Riding.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1·63	41	15	1·64	42	16	1·90	48	13	1·62	41	16
F.	1·37	35	14	1·33	34	15	1·83	46	13	1·57	40	16
M.	1·81	46	16	1·83	47	17	2·06	52	15	1·63	41	17
A.	1·42	36	15	1·56	40	15	1·86	47	14	1·72	44	15
M.	1·99	51	14	1·94	49	15	2·09	53	14	2·06	52	16
J.	1·98	50	13	1·90	48	13	2·06	52	11	2·40	61	14
J.	2·40	61	14	2·69	68	15	2·59	66	14	2·99	76	16
A.	2·75	70	16	2·48	63	16	3·17	81	16	2·81	71	18
S.	1·80	46	13	1·74	44	14	1·81	46	14	1·77	45	14
O.	3·01	76	17	3·16	80	19	3·23	82	19	2·87	73	19
N.	2·13	54	16	2·28	58	17	2·62	67	17	2·26	57	19
D.	2·18	55	16	2·05	52	17	2·63	67	17	2·19	56	17
Y.	24·47	621	179	24·60	625	189	27·85	707	177	25·89	657	197
MONTHS.	Scarborough. 54° 18' N. 0° 24' W. 100 ft. York, N. Riding.			Whitby. 54° 29' N. 0° 37' W. 124 ft. York, N. Riding.			York. 53° 57' N. 1° 5' W. 56 ft. York, N. Riding.			Hull. 53° 45' N. 0° 16' W. 12 ft. Yorks, E. Riding.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·00	51	18	1·84	47	—	1·77	45	17	1·80	46	17
F.	1·68	43	16	1·61	41	—	1·51	38	15	1·66	42	15
M.	1·80	46	17	1·85	47	—	1·68	43	16	1·82	46	17
A.	1·56	40	14	1·49	38	—	1·60	41	14	1·56	40	15
M.	1·91	49	14	1·89	48	—	1·99	51	14	1·93	49	14
J.	1·84	47	12	1·89	48	—	2·07	53	13	2·06	52	12
J.	2·43	62	14	2·38	61	—	2·52	64	14	2·34	59	14
A.	2·78	71	16	2·44	62	—	2·52	64	16	2·91	74	15
S.	1·79	46	13	1·71	43	—	1·63	41	13	1·72	44	13
O.	3·13	80	19	2·90	74	—	2·69	68	18	2·98	76	18
N.	2·47	63	19	2·40	61	—	2·09	53	18	2·19	56	17
D.	2·38	61	18	2·33	59	—	2·24	57	18	2·41	61	18
Y.	25·77	659	190	24·73	629	—	24·31	618	186	25·38	645	185



TABLE 3.—NO MALES OF RAINFALL (1881-1915).  
ENGLAND, N.E. AND E.

MONTHS.	Spurn Head. 53° 34' N. 0° 7' E. 26 ft. York, E. Riding.			Fulbeck. 53° 3' N. 0° 37' W. 180 ft. Lincoln.			Lincoln. 53° 14' N. 0° 33' W. 58 ft. Lincoln.			Rauceby. 53° 0' N. 0° 29' W. 124 ft. Lincoln.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1'36	35	15	1'69	43	16	1'68	43	15	1'88	48	15
F.	1'21	31	14	1'50	38	14	1'45	37	13	1'78	45	14
M.	1'40	36	15	1'72	44	18	1'55	39	14	1'70	43	16
A.	1'12	28	13	1'46	37	14	1'39	35	12	1'63	41	13
M.	1'55	39	12	1'99	51	14	1'87	48	12	2'02	51	11
J.	1'53	39	12	1'92	49	12	2'03	52	11	1'91	49	10
J.	1'78	45	12	2'40	61	14	2'22	56	12	2'46	63	13
A.	2'11	54	14	2'66	68	16	2'46	63	14	2'62	67	14
S.	1'42	36	12	1'67	42	12	1'54	39	10	1'82	46	12
O.	2'40	61	17	2'50	64	17	2'55	65	16	2'83	72	17
N.	1'85	47	16	1'94	49	18	1'88	48	15	2'14	54	17
D.	1'99	51	16	2'33	59	18	2'19	56	15	2'45	62	16
Y.	19'72	502	168	23'78	605	183	22'81	581	159	25'24	641	168
MONTHS.	Skegness. 53° 9' N. 0° 21' E. 12 ft. Lincoln.			Cromer. 52° 56' N. 1° 17' E. 196 ft. Norfolk.			Geldeston. 52° 28' N. 1° 31' E. 37 ft. Norfolk.			Little Massingham. 52° 47' N. 0° 39' E. 280 ft. Norfolk.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1'61	41	18	1'57	40	24	1'66	42	18	2'12	54	19
F.	1'40	36	14	1'24	32	19	1'37	35	16	1'75	45	16
M.	1'77	45	17	1'47	37	19	1'72	44	17	2'06	52	17
A.	1'35	34	13	1'20	31	16	1'47	37	15	1'63	41	15
M.	1'58	40	12	1'53	39	15	1'77	45	13	1'95	50	13
J.	1'86	47	13	1'79	46	17	1'80	46	11	2'29	58	13
J.	2'16	55	14	2'47	63	18	2'33	59	13	2'72	69	15
A.	2'26	57	16	2'10	53	18	2'16	55	14	2'84	72	15
S.	1'55	39	12	1'64	42	17	1'93	49	14	2'22	56	14
O.	2'73	69	19	2'70	69	21	2'82	72	19	3'06	78	20
N.	1'95	50	19	2'09	53	23	2'33	59	19	2'68	68	19
D.	2'29	58	19	1'97	50	22	2'30	58	19	2'70	69	21
Y.	22'51	571	186	21'77	555	229	23'66	601	188	28'02	712	197

TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
ENGLAND, E.

MONTHS.	Norwich. 52° 37' N. 1° 17' E. 93 ft. Norfolk.			Yarmouth. 52° 37' N. 1° 43' E. 17 ft. Norfolk.			Felixstowe. 51° 58' N. 1° 22' E. 10 ft. Suffolk.			Lowestoft. 52° 29' N. 1° 45' E. 83 ft. Suffolk.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1'96	50	20	1'74	44	18	1'57	40	16	1'67	42	16
F.	1'64	42	15	1'49	38	15	1'32	34	14	1'40	36	14
M.	1'91	49	17	1'75	44	17	1'56	40	16	1'61	41	15
A.	1'71	43	17	1'49	38	14	1'33	34	12	1'48	38	13
M.	1'93	49	13	1'73	44	13	1'50	38	12	1'61	41	12
J.	1'93	49	14	1'77	45	12	2'06	52	12	1'81	46	11
J.	2'59	66	14	2'34	59	13	2'32	59	13	2'27	58	12
A.	2'37	60	15	2'47	63	14	1'70	43	14	2'20	56	13
S.	2'14	54	15	1'96	50	13	1'81	46	11	1'96	50	12
O.	3'12	79	19	2'93	74	18	2'75	70	16	2'79	71	17
N.	2'57	65	21	2'41	61	18	2'18	55	16	2'35	60	16
D.	2'61	66	21	2'44	62	18	2'15	55	17	2'33	59	17
Y.	26'48	672	201	24'52	622	183	22'25	566	169	23'48	598	168
MONTHS.	Cambridge. 52° 12' N. 0° 8' E. 41 ft. Cambridge.			Woburn. 50° 1' N. 0° 36' W. 291 ft. Bedford.			Bennington. 51° 54' N. 0° 5' W. 406 ft. Hertford.			Berkhamsted. 51° 45' N. 0° 34' W. 450 ft. Hertford.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1'50	38	15	1'71	43	16	1'82	46	18	2'33	59	17
F.	1'28	33	13	1'46	37	13	1'59	40	15	2'17	55	14
M.	1'47	37	14	1'76	45	14	1'81	46	16	2'23	57	16
A.	1'36	35	13	1'50	38	14	1'53	39	14	1'81	46	14
M.	1'76	45	13	1'92	49	13	1'89	48	14	1'99	51	13
J.	2'11	54	12	1'99	51	13	2'06	52	12	2'28	58	12
J.	2'16	55	13	2'35	60	13	2'44	62	14	2'29	58	14
A.	2'35	60	14	2'25	57	15	2'42	61	15	2'53	64	15
S.	1'61	41	11	1'91	49	13	1'82	46	13	1'95	50	12
O.	2'36	60	15	2'71	69	17	2'72	69	18	3'43	87	16
N.	1'93	49	14	2'29	58	15	2'37	60	18	2'92	74	15
D.	1'93	49	16	2'37	60	17	2'48	63	19	3'23	82	19
Y.	21'82	556	163	24'22	616	173	24'95	632	186	29'16	741	177



TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
ENGLAND, E., AND MIDLAND COUNTIES.

MONTHS.	Rothamsted. 51° 48' N. 0° 22' W. 424 ft. Hertford.			Clacton. 51° 47' N. 1° 9' E. 54 ft. Essex.			Shoeburyness. 51° 32' N. 0° 47' E. 13 ft. Essex.			Southend. 51° 32' N. 0° 43' E. 90 ft. Essex.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.03	52	19	1.34	34	14	1.29	33	14	1.42	36	11
F.	1.87	48	16	1.25	32	12	1.17	30	12	1.29	33	10
M.	2.02	51	17	1.44	37	13	1.29	33	13	1.50	38	11
A.	1.61	41	14	1.28	33	11	1.15	29	11	1.25	32	11
M.	1.91	49	14	1.34	34	11	1.24	32	11	1.42	36	11
J.	2.19	56	13	1.58	40	10	1.68	43	10	1.84	47	10
J.	2.25	57	14	1.92	49	11	1.74	44	10	1.94	49	10
A.	2.49	63	15	1.86	47	14	1.69	43	12	1.80	46	11
S.	1.91	49	14	1.64	42	9	1.59	40	10	1.64	42	8
O.	3.09	79	19	1.91	49	14	2.25	57	16	2.42	62	12
N.	2.57	65	19	1.86	47	15	2.03	52	15	2.14	54	13
D.	2.79	71	20	1.77	45	15	1.75	44	15	1.86	47	13
Y.	26.73	681	194	19.19	489	149	18.87	480	149	20.52	522	131
MONTHS.	Garforth. 53° 48' N. 1° 22' W. 192 ft. York, W. Riding.			Harrogate. 54° 0' N. 1° 33' W. 479 ft. York, W. Riding.			Sheffield. 53° 23' N. 1° 29' W. 429 ft. York., W. Riding.			Wakefield. 53° 41' N. 1° 30' W. 124 ft. York., W. Riding.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		m.	mm.		in.	mm.		in.	mm.	
J.	1.81	46	16	2.44	62	18	2.78	71	17	1.92	49	15
F.	1.69	43	15	2.09	53	16	2.40	61	15	1.71	43	13
M.	1.78	45	18	2.26	57	16	2.48	63	17	1.80	46	15
A.	1.73	44	14	1.84	47	15	2.03	52	14	1.68	43	13
M.	2.16	55	15	2.14	54	15	2.31	59	13	1.97	50	12
J.	2.01	51	13	2.39	61	12	2.29	58	12	2.15	55	11
J.	2.48	63	15	2.69	68	14	2.53	64	14	2.53	64	13
A.	2.58	66	16	2.87	73	17	2.68	68	15	2.60	66	15
S.	1.50	38	14	1.92	49	14	1.94	49	13	1.60	41	11
O.	3.00	76	20	3.35	85	19	3.32	84	17	2.87	73	15
N.	2.18	55	18	2.70	69	19	2.90	74	17	2.12	54	16
D.	2.37	60	17	2.92	74	19	3.48	88	18	2.43	62	16
Y.	25.29	642	191	29.61	752	194	31.14	791	182	25.38	646	165

TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
MIDLAND COUNTIES.

MONTHS.	Belper. 53° 2' N. 1° 29' W. 280 ft. Derby.			Buxton. 53° 16' N. 1° 55' W. 987 ft. Derby.			Bawtry. 53° 27' N. 1° 4' W. 65 ft. Nottingham.			Nottingham. 52° 56' N. 1° 9' W. 82 ft. Nottingham.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.50	63	17	4.47	114	19	1.63	41	15	1.81	46	19
F.	2.19	56	15	3.75	95	18	1.43	36	13	1.55	39	18
M.	3.35	60	15	4.13	105	19	1.57	40	14	1.65	42	16
A.	1.92	49	14	2.94	75	16	1.41	36	13	1.43	36	15
M.	2.22	56	13	3.10	79	16	1.81	46	13	1.89	48	15
J.	2.37	60	12	3.22	82	14	1.84	47	12	1.93	49	13
J.	2.66	68	14	3.93	100	16	2.27	58	13	2.38	61	15
A.	3.00	76	15	4.38	111	19	2.35	60	14	2.49	63	16
S.	1.99	50	13	3.24	82	15	1.50	38	12	1.65	42	14
O.	3.23	82	17	4.91	125	19	2.51	64	16	2.49	63	19
N.	2.84	72	17	4.68	119	19	1.90	48	16	1.88	48	19
D.	3.29	84	18	5.67	144	21	2.19	56	16	2.39	61	20
Y.	30.56	776	180	48.42	1,231	211	22.41	570	167	23.54	598	199
MONTHS.	Strelley. 52° 58' N. 1° 15' W. 377 ft. Nottingham.			Hodsock (Workshop). 53° 22' N. 1° 5' W. 56 ft. Nottingham.			Belvoir Castle. 52° 54' N. 0° 47' W. 259 ft. Leicester.			Raunds. 52° 22' N. 0° 33' W. 203 ft. Northampton.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.11	54	—	1.77	45	—	1.77	45	19	1.53	39	14
F.	1.73	44	—	1.54	39	—	1.67	42	16	1.43	36	11
M.	1.83	47	—	1.69	43	—	1.81	46	18	1.67	42	15
A.	1.61	41	—	1.47	37	—	1.53	39	16	1.36	35	13
M.	2.01	51	—	1.99	51	—	2.11	54	15	2.32	59	13
J.	2.19	56	—	1.98	50	—	1.91	49	12	1.85	47	12
J.	2.47	63	—	2.27	58	—	2.43	62	15	2.50	64	12
A.	2.73	69	—	2.45	62	—	2.62	67	17	2.70	69	15
S.	1.78	45	—	1.52	39	—	1.87	48	15	1.49	38	11
O.	2.83	72	—	2.63	67	—	2.70	69	20	2.50	64	16
N.	2.24	57	—	1.96	50	—	2.23	57	22	2.07	53	15
D.	2.72	69	—	2.36	60	—	2.46	63	20	2.37	60	16
Y.	26.25	668	—	23.63	601	—	25.11	641	205	23.79	606	163



TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
MIDLAND COUNTIES.

MONTHS.	Birmingham. 52° 28' N. 1° 56' W. 535 ft. Warwick.			Coventry. 52° 25' N. 1° 30' W. 270 ft. Warwick.			Oxford. 51° 46' N. 1° 16' W. 208 ft. Oxford.			Cheadle. 52° 58' N. 1° 57' W. 646 ft. Stafford.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.02	51	14	2.01	51	17	1.81	46	15	2.57	65	18
F.	1.69	43	13	1.69	43	14	1.64	42	14	2.01	51	15
M.	1.91	49	14	1.78	45	17	1.65	42	14	2.35	60	16
A.	1.74	44	13	1.60	41	15	1.60	41	13	1.99	51	14
M.	2.14	54	14	1.98	50	15	1.87	48	13	2.15	55	14
J.	2.32	59	12	2.08	53	12	2.24	57	12	2.59	66	13
J.	2.32	59	14	2.28	58	14	2.37	60	14	2.90	74	15
A.	2.71	69	16	2.52	64	16	2.28	58	14	3.47	88	17
S.	1.79	46	12	1.81	46	13	1.71	43	11	2.38	61	13
O.	2.78	71	17	2.69	68	18	2.89	73	16	3.23	82	18
N.	2.38	61	15	2.25	57	17	2.30	58	15	2.93	74	17
D.	2.69	68	16	2.52	64	19	2.46	63	17	3.26	83	19
Y.	26.49	674	170	25.21	640	187	24.82	631	168	31.83	810	189
MONTHS.	Shrewsbury. 52° 43' N. 2° 45' W. 191 ft. Shropshire.			Wistanstow. 52° 28' N. 2° 50' W. 481 ft. Shropshire.			Hereford. 52° 5' N. 2° 45' W. 291 ft. Hereford.			Ross on Wye. 51° 55' N. 2° 34' W. 213 ft. Hereford.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1.70	43	13	2.32	59	16	2.10	53	16	2.42	62	17
F.	1.38	35	13	2.15	55	14	1.96	50	14	2.01	51	14
M.	1.56	40	14	2.13	54	16	1.86	47	15	2.03	52	15
A.	1.45	37	13	1.96	50	13	1.74	44	14	1.89	48	15
M.	1.66	42	14	2.34	59	13	2.08	53	13	2.13	54	14
J.	2.06	52	12	2.28	58	12	2.04	52	12	2.15	55	14
J.	1.85	47	13	2.37	60	13	2.17	55	13	2.25	57	15
A.	2.96	75	16	3.01	77	15	2.49	63	15	2.57	65	17
S.	1.45	37	12	1.92	49	13	1.74	44	12	2.02	51	14
O.	2.70	69	16	3.20	81	17	2.93	74	18	3.28	83	19
N.	2.13	54	15	2.93	74	17	2.39	61	16	2.53	64	16
D.	2.17	55	15	3.30	84	17	2.84	72	18	2.97	76	18
Y.	23.07	586	166	29.91	760	176	26.34	668	176	28.25	718	188

TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
MIDLAND COUNTIES AND ENGLAND, S.E.

MONTHS.	Cheltenham. 51° 54' N. 2° 3' W. 213 ft. Gloucester.			Cirencester. 51° 43' N. 1° 57' W. 446 ft. Gloucester.			Clifton. 51° 27' N. 2° 37' W. 229 ft. Gloucester.			Camden Square. 51° 33' N. 0° 8' W. 110 ft. London.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2.09	53	17	2.38	61	16	3.18	81	16	1.86	47	15
F.	1.92	49	15	2.09	53	14	2.96	75	14	1.67	42	13
M.	1.91	49	15	2.16	55	15	2.72	69	14	1.83	47	14
A.	1.71	43	13	1.76	45	13	2.73	69	13	1.54	39	13
M.	1.86	47	13	2.03	52	13	2.51	64	13	1.76	45	13
J.	2.23	57	13	2.37	60	13	2.88	73	13	2.02	51	12
J.	2.37	60	14	2.54	65	13	3.21	82	13	2.38	61	12
A.	2.64	67	15	2.88	73	15	4.30	109	15	2.21	56	14
S.	1.84	47	12	2.09	53	12	3.17	81	12	1.82	46	11
O.	2.75	70	18	3.21	82	17	4.44	113	16	2.63	67	15
N.	2.44	62	16	2.83	72	16	3.68	94	17	2.36	60	15
D.	2.71	69	18	3.10	79	18	4.02	102	19	2.39	61	16
Y.	26.47	673	179	29.44	750	175	39.80	1,012	175	24.47	622	163
MONTHS.	Greenwich. 51° 28' N. 0° 0'. 149 ft. London.			Richmond (Kew Observatory). 51° 28' N. 0° 19' W. 18 ft. London.			St. James's Park, Westminster. 51° 30' N. 0° 8' W. 27 ft. London.			Broadstairs. 51° 21' N. 1° 26' E. 140 ft. Kent.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1.69	43	15	1.76	45	16	1.62	41	14	1.83	47	19
F.	1.57	40	14	1.54	39	13	1.46	37	13	1.59	40	15
M.	1.73	44	15	1.69	43	14	1.63	41	14	1.77	45	17
A.	1.47	37	12	1.45	37	13	1.37	35	12	1.43	36	13
M.	1.73	44	13	1.72	44	12	1.61	41	13	1.77	45	12
J.	2.02	51	11	2.15	55	12	1.90	48	12	1.72	44	10
J.	2.24	57	13	2.17	55	12	2.19	56	13	2.23	57	13
A.	2.19	56	13	2.24	57	13	2.27	58	13	2.16	55	13
S.	1.79	45	11	1.87	48	12	1.65	42	11	1.95	50	11
O.	2.53	64	15	2.70	69	17	2.41	61	15	3.29	84	17
N.	2.28	58	15	2.22	56	16	2.11	54	15	2.57	65	16
D.	2.26	57	16	2.29	58	17	2.14	54	16	2.51	64	18
Y.	23.50	596	163	23.80	606	167	22.36	568	161	24.82	632	174



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, S.E.

MONTHS.	Dungeness. 50° 55' N. 0° 58' E. 21 ft. Kent.			Margate. 51° 24' N. 1° 24' E. 51 ft. Kent.			Sevenoaks. 51° 16' N. 0° 12' E. 509 ft. Kent.			Tunbridge Wells. 51° 8' N. 0° 16' E. 421 ft. Kent.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1·90	48	16	1·66	42	16	2·37	60	—	2·52	64	17
F.	1·60	41	15	1·38	35	14	2·18	55	—	2·32	59	15
M.	1·76	45	15	1·59	40	15	2·37	60	—	2·48	63	15
A.	1·36	35	13	1·35	34	13	1·89	48	—	1·78	45	13
M.	1·30	33	11	1·38	40	11	1·80	46	—	1·84	47	12
J.	1·56	40	11	1·75	45	10	2·30	58	—	2·09	53	12
J.	1·81	46	12	1·98	50	12	2·44	62	—	2·20	56	12
A.	1·98	50	13	1·93	49	13	2·44	62	—	2·33	59	13
S.	2·05	52	13	1·97	50	12	2·29	58	—	2·25	57	12
O.	3·52	89	17	2·92	74	17	3·61	92	—	3·81	97	17
N.	2·75	70	16	2·41	61	16	3·25	83	—	3·44	87	17
D.	2·77	70	17	2·28	58	17	3·10	79	—	3·43	87	18
Y.	24·36	619	169	22·80	578	166	30·04	763	—	30·49	774	173
MONTHS.	Wisley. 51° 17' N. 0° 26' W. 150 ft. Surrey.			Bognor. 50° 47' N. 0° 40' W. 20 ft. Sussex.			Brighton. 50° 49' N. 0° 8' W. 31 ft. Sussex.			Eastbourne. 50° 46' N. 0° 17' E. 35 ft. Sussex.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	1·76	45	16	2·30	58	15	2·35	60	16	2·63	67	16
F.	1·74	44	13	1·91	49	14	1·95	50	14	2·22	56	14
M.	1·92	49	14	1·87	48	13	2·01	51	15	2·26	57	14
A.	1·47	37	13	1·43	36	12	1·58	40	12	1·82	46	12
M.	1·54	39	12	1·56	40	12	1·64	42	11	1·66	42	11
J.	1·79	46	13	1·63	41	11	1·77	45	11	1·84	47	11
J.	1·90	48	10	1·86	47	11	2·07	53	11	2·19	56	11
A.	2·09	53	12	2·05	52	13	2·22	56	13	2·48	63	13
S.	2·09	53	12	2·07	53	12	2·05	52	11	2·50	64	13
O.	3·14	80	15	3·47	88	19	3·79	96	16	4·15	105	17
N.	2·20	56	15	2·92	74	17	3·17	81	16	3·50	89	16
D.	2·51	64	17	2·86	73	18	3·09	79	17	3·49	89	19
Y.	24·15	614	162	25·93	659	167	27·69	705	163	30·74	781	167

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, S.E.

MONTHS.	St. Leonards. 50° 51' N. 0° 33' E. 178 ft. Sussex.			Worthing. 50° 49' N. 0° 22' W. 35 ft. Sussex.			Reading. 51° 26' N. 0° 57' W. 264 ft. Berkshire.			Bournemouth. 50° 43' N. 1° 53' W. 145 ft. Hampshire.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·29	58	18	2·33	59	15	1·90	48	15	2·49	63	16
F.	2·01	51	16	1·98	50	14	1·64	42	13	2·27	58	15
M.	2·14	54	16	1·92	49	14	1·71	43	13	2·30	58	14
A.	1·64	42	13	1·56	40	12	1·46	37	12	1·75	45	13
M.	1·56	40	12	1·65	42	11	1·65	42	12	1·69	43	11
J.	1·79	46	11	1·75	44	11	1·95	50	10	1·96	50	11
J.	2·21	56	12	2·04	52	11	2·03	52	12	2·18	55	13
A.	2·38	60	14	2·26	57	13	2·09	53	13	2·45	62	14
S.	2·33	59	13	2·14	54	11	1·70	43	11	2·12	54	12
O.	3·78	96	18	3·62	92	16	2·98	76	15	4·65	118	19
N.	3·16	80	17	3·20	81	15	2·30	58	12	3·35	85	16
D.	3·08	78	19	3·01	77	17	2·59	66	15	3·70	94	18
Y.	28·37	720	179	27·46	697	160	24·00	610	153	30·91	785	172
MONTHS.	Grayshott. 51° 7' N. 0° 46' W. 661 ft. Hampshire.			Portsmouth. 50° 48' N. 1° 6' W. 11 ft. Hampshire.			Southampton. 50° 55' N. 1° 24' W. 64 ft. Hampshire.			Totland Bay. 50° 41' N. 1° 33' W. 140 ft. Isle of Wight.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·96	75	18	2·39	61	15	2·67	68	16	2·32	59	16
F.	2·77	70	18	2·03	52	14	2·30	58	14	2·02	51	13
M.	2·63	67	17	1·99	51	14	2·28	58	15	2·09	53	14
A.	1·93	49	14	1·57	40	12	1·85	47	13	1·64	42	12
M.	2·14	54	14	1·68	43	11	2·00	51	13	1·73	44	10
J.	2·41	61	13	1·80	46	11	2·01	51	12	1·85	47	10
J.	2·75	70	14	2·04	52	12	2·28	58	13	1·92	49	12
A.	2·81	71	15	2·23	57	13	2·62	67	15	2·24	57	12
S.	2·54	65	12	2·17	55	11	2·18	55	12	2·23	57	12
O.	4·23	107	20	3·70	94	16	3·94	100	17	4·09	104	18
N.	3·51	89	20	3·03	77	16	3·14	80	16	3·13	80	16
D.	3·96	101	22	3·12	79	18	3·66	93	18	3·23	82	17
Y.	34·64	879	197	27·75	707	163	30·93	786	174	28·49	725	162



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, S.E., AND ENGLAND, N.W.

MONTHS.	Ventnor. 50° 36' N. 1° 13' W. 59 ft. Hampshire.			Marlborough. 51° 25' N. 1° 44' W. 424 ft. Wiltshire.			Salisbury (Wilton H.). 51° 4' N. 1° 51' W. 180 ft. Wiltshire.			Aspatia. 54° 46' N. 3° 13' W. 487 ft. Cumberland.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'57	65	15	2'53	64	18	2'94	75	20	3'11	79	17
F.	2'10	53	14	2'44	62	15	2'77	70	17	3'05	78	15
M.	2'05	52	15	2'50	64	16	2'59	66	17	3'14	80	16
A.	1'68	43	13	1'95	50	14	2'17	55	14	2'22	56	12
M.	1'70	43	12	1'99	51	14	2'06	52	13	2'48	63	14
J.	1'83	47	11	2'40	61	13	2'19	56	13	2'57	65	14
J.	2'02	51	11	2'42	62	15	2'33	59	14	3'49	89	15
A.	1'99	51	13	2'64	67	15	2'72	69	16	4'27	109	16
S.	2'48	63	12	2'10	53	12	2'14	54	13	3'26	83	13
O.	3'93	100	17	3'50	89	18	4'00	102	19	4'18	106	16
N.	3'21	82	16	3'11	79	17	3'47	88	18	4'19	106	17
D.	3'30	84	17	3'52	89	19	4'19	106	21	4'41	112	18
Y.	28'86	734	166	31'10	791	186	33'57	852	195	40'37	1,026	183
MONTHS.	Newton Rigg. 54° 40' N. 2° 49' W. 559 ft. Cumberland.			Scaleby. 54° 54' N. 2° 52' W. 111 ft. Cumberland.			Seathwaite. 54° 30' N. 3° 10' W. 422 ft. Cumberland.			Blackpool. 53° 49' N. 3° 3' W. 66 ft. Lancashire.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3'13	80	20	2'48	63	19	13'28	337	—	2'73	69	18
F.	3'23	82	16	2'23	57	17	11'87	301	—	2'24	57	16
M.	2'84	72	19	2'45	62	19	11'15	283	—	2'38	60	16
A.	2'09	53	14	1'95	50	16	7'42	189	—	1'88	48	14
M.	2'41	61	16	2'39	61	16	7'37	187	—	2'18	55	14
J.	2'15	55	13	2'52	64	14	6'52	166	—	2'18	55	13
J.	2'87	73	17	3'27	83	18	8'46	215	—	2'92	74	15
A.	3'55	90	19	4'11	104	19	11'57	294	—	3'59	91	17
S.	2'73	69	14	2'70	69	16	9'92	252	—	2'85	72	14
O.	3'79	96	18	3'34	85	19	12'00	305	—	3'72	95	18
N.	3'32	84	17	3'00	76	20	13'58	345	—	3'47	88	18
D.	4'31	110	20	3'21	81	21	16'34	415	—	3'28	83	20
Y.	36'42	925	203	33'65	855	214	129'48	3,289	—	33'42	847	193

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, N.W.

MONTHS.	Carnforth. 54° 8' N. 2° 44' W. 174 ft. Lancashire.			Southport. 53° 39' N. 2° 59' W. 37 ft. Lancashire.			Stonyhurst. 53° 51' N. 2° 28' W. 375 ft. Lancashire.			Bidston, Liverpool. 53° 24' N. 3° 4' W. 188 ft. Lancashire.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3'19	81	20	2'55	65	17	4'28	109	20	2'12	54	17
F.	2'71	69	16	2'10	53	16	3'35	85	17	1'68	43	16
M.	2'83	72	17	2'23	57	15	3'69	94	18	1'90	48	17
A.	2'10	53	15	1'85	47	14	2'71	69	15	1'63	41	14
M.	2'52	64	14	2'09	53	14	2'85	72	15	1'90	48	15
J.	2'56	65	14	2'17	55	12	3'07	78	14	2'20	56	13
J.	3'33	85	17	2'86	73	15	3'87	98	17	2'59	66	15
A.	4'86	123	18	3'48	88	17	5'06	129	19	3'08	78	17
S.	3'25	83	15	2'75	70	14	3'82	97	15	2'41	61	15
O.	4'05	103	17	3'54	90	17	4'49	114	18	3'27	83	18
N.	3'82	97	17	3'14	80	18	4'51	115	18	2'50	64	18
D.	3'99	101	19	3'23	82	20	4'85	123	20	2'65	67	19
Y.	39'21	996	199	31'99	813	189	46'55	1,183	206	27'93	709	194
MONTHS.	Whitworth Park, Manchester. 53° 28' N. 2° 14' W. 124 ft. Lancashire.			Oldham Road, Manchester. 53° 29' N. 2° 13' W. 190 ft. Lancashire.			Hawarden Bridge. 53° 12' N. 3° 1' W. 22 ft. Cheshire.			Hoylake. 53° 23' N. 3° 12' W. 30 ft. Cheshire.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'51	64	18	2'87	73	18	1'79	46	16	2'28	58	17
F.	1'92	49	16	2'21	56	17	1'43	36	14	1'70	43	15
M.	2'26	57	17	2'58	66	17	1'63	41	16	1'85	47	17
A.	1'92	49	15	1'95	50	15	1'28	33	13	1'61	41	13
M.	2'12	54	17	2'42	62	15	1'79	46	14	1'89	48	14
J.	2'64	67	13	2'67	68	14	1'96	50	12	2'09	53	12
J.	3'30	84	16	3'21	82	15	2'26	57	13	2'45	62	13
A.	3'45	88	17	3'69	94	17	2'89	73	15	2'92	74	17
S.	2'38	60	13	2'65	67	14	1'86	47	14	2'42	62	13
O.	3'30	84	17	3'50	89	17	2'93	74	18	3'33	85	17
N.	2'64	67	17	2'96	75	18	2'23	57	16	2'75	70	18
D.	3'24	82	18	3'55	90	19	2'30	58	17	2'82	72	19
Y.	31'68	805	194	34'26	872	196	24'35	618	178	28'11	715	185



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, N.W., AND ENGLAND, S.W.

MONTHS.	Macclesfield. 53° 16' N. 2° 8' W. 500 ft. Cheshire.			Rhyl. 53° 19' N. 3° 29' W. 30 ft. Flint.			Holyhead. 53° 18' N. 4° 39' W. 15 ft. Anglesey.			Llandudno. 53° 20' N. 3° 50' W. 71 ft. Carnarvon.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'72	69	18	1'76	45	16	2'91	74	19	2'58	66	17
F.	2'16	55	15	1'46	37	16	2'44	62	17	2'08	53	16
M.	2'65	67	17	1'71	43	15	2'62	67	18	2'17	55	16
A.	2'08	53	14	1'44	37	14	2'08	53	14	1'81	46	14
M.	2'36	60	15	1'66	42	15	1'96	50	14	1'90	48	14
J.	2'76	70	14	1'92	49	14	2'15	55	13	2'03	52	13
J.	3'27	83	16	2'22	56	14	2'61	66	16	2'39	61	15
A.	3'80	96	18	2'70	69	17	3'18	81	17	3'02	77	16
S.	2'53	64	14	2'08	53	13	2'68	68	15	2'28	58	14
O.	3'38	86	18	3'24	82	18	3'99	101	19	3'59	91	18
N.	2'95	75	17	2'39	61	18	4'14	105	19	3'09	79	18
D.	3'45	88	18	2'50	64	19	4'16	106	26	3'10	79	19
Y.	34'11	866	94	25'08	638	189	34'92	888	201	30'04	765	190
MONTHS.	Gogerddan (near Aberystwyth) 52° 26' N. 4° 1' W. 83 ft. Cardigan.			St. Ann's Head. 51° 41' N. 5° 11' W. 149 ft. Pembroke.			Gwernyfed Park. 52° 5' N. 3° 15' W. 374 ft. Brecknock.			Llangammarch Wells. 52° 7' N. 3° 32' W. 550 ft. Brecknock.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	4'09	104	—	3'31	84	20	2'56	65	—	4'83	123	20
F.	3'17	81	—	2'66	68	17	2'28	58	—	4'14	105	19
M.	3'47	88	—	2'58	66	17	2'35	60	—	4'93	125	21
A.	2'61	66	—	1'95	50	15	1'95	50	—	3'22	82	18
M.	2'64	67	—	1'91	49	14	2'06	52	—	2'58	66	16
J.	3'11	79	—	1'98	50	13	2'38	61	—	2'99	76	15
J.	3'86	98	—	2'47	63	14	2'51	64	—	3'03	77	14
A.	4'87	124	—	3'15	80	16	2'82	72	—	4'65	118	19
S.	3'64	92	—	2'73	69	14	2'05	52	—	2'90	74	15
O.	5'28	134	—	4'19	106	19	3'72	95	—	5'26	134	20
N.	4'72	120	—	3'80	97	20	3'06	78	—	4'60	117	19
D.	5'03	128	—	4'52	115	22	3'74	95	—	6'55	166	24
Y.	46'49	1,181	—	35'25	897	201	31'48	802	—	49'68	1,263	220

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, S.W.

MONTHS.	Cardiff. 51° 28' N. 3° 10' W. 202 ft. Glamorgan			Bath. 51° 23' N. 2° 21' W. 66 ft. Somerset.			Weston-super-Mare. 51° 20' N. 2° 59' W. 29 ft. Somerset.			Portland Bill. 50° 32' N. 2° 27' W. 19 ft. Dorset.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3'69	94	19	2'38	61	15	2'35	60	16	2'26	57	16
F.	2'94	75	16	2'10	53	14	1'86	47	13	1'93	49	13
M.	3'15	80	16	2'21	56	14	2'04	52	14	2'02	51	15
A.	2'50	64	15	2'02	51	13	1'85	47	12	1'58	40	13
M.	2'45	62	14	1'89	48	12	1'91	47	13	1'59	40	11
J.	2'51	64	13	2'28	58	11	2'19	56	11	1'33	34	10
J.	3'08	78	15	2'47	63	14	2'35	60	13	1'74	44	11
A.	4'23	107	17	2'83	72	15	3'25	83	15	2'12	54	12
S.	3'05	78	14	2'05	52	11	2'20	56	12	1'88	48	12
O.	4'75	121	18	3'25	83	16	3'50	89	16	3'68	94	17
N.	4'05	103	18	2'85	72	16	2'78	71	15	2'58	66	14
D.	5'01	127	21	3'47	88	17	3'28	83	17	2'94	75	19
Y.	41'41	1,053	196	29'80	757	168	29'56	751	167	25'65	652	163
MONTHS.	Shaftesbury. 51° 1' N. 2° 12' W. 722 ft. Dorset.			Arlington. 51° 8' N. 3° 58' W. 613 ft. Devon.			Ashburton. 50° 32' N. 3° 46' W. 583 ft. Devon.			Cullompton. 50° 51' N. 3° 23' W. 202 ft. Devon.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2'60	66	17	4'82	122	20	5'09	129	—	3'24	82	19
F.	2'31	59	14	3'91	99	17	4'74	120	—	2'79	71	16
M.	2'35	60	16	4'00	102	18	4'46	113	—	2'74	70	16
A.	2'13	54	14	3'06	78	15	3'05	78	—	2'27	58	15
M.	2'11	54	13	2'88	73	15	2'68	68	—	2'16	55	14
J.	2'32	59	12	3'29	84	15	2'56	65	—	2'12	54	13
J.	2'57	65	14	3'89	99	17	3'05	77	—	2'69	68	14
A.	2'91	74	15	5'12	130	18	3'74	95	—	3'05	78	16
S.	2'43	62	13	4'07	103	16	3'11	79	—	2'25	57	13
O.	3'90	99	17	6'38	162	20	6'05	154	—	4'13	105	19
N.	3'23	82	16	5'75	146	20	5'67	144	—	3'44	87	19
D.	3'62	92	19	6'60	168	21	7'52	191	—	4'39	112	21
Y.	32'48	826	180	53'77	1366	212	51'72	1313	—	35'27	897	195



TABLE 3.—NORMALS OF RAINFALL. (1881-1915).

ENGLAND, S.W.

MONTHS.	Ilfracombe. 51° 12' N. 4° 8' W. 24 ft. Devon.			Plymouth. 50° 22' N. 4° 8' W. 116 ft. Devon.			Princetown. 50° 33' N. 3° 59' W. 1,359 ft. Devon.			Rousdon. 50° 43' N. 3° 0' W. 515 ft. Devon.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3·17	81	18	3·31	84	19	7·39	188	—	2·91	74	16
F.	2·65	67	15	2·90	74	15	8·02	204	—	2·54	65	14
M.	2·77	70	16	2·89	73	16	7·74	196	—	2·54	65	15
A.	2·01	51	14	2·21	56	14	5·39	137	—	2·11	54	14
M.	1·98	50	14	2·06	52	13	4·33	110	—	1·98	50	12
J.	2·08	53	12	2·11	54	12	4·21	107	—	2·06	52	12
J.	2·45	62	15	2·78	71	14	4·57	116	—	2·63	67	13
A.	3·46	88	17	2·97	76	15	6·95	176	—	2·78	71	15
S.	2·59	66	14	2·45	62	14	4·58	116	—	2·40	61	12
O.	4·40	112	18	3·93	100	18	8·18	208	—	3·97	101	18
N.	3·76	96	18	3·61	92	18	6·92	176	—	3·40	86	16
D.	4·65	118	20	4·97	126	22	13·18	335	—	4·17	106	20
Y.	35·97	914	191	36·19	920	190	81·46	2,069	—	33·49	852	177
MONTHS.	Sidmouth. 50° 41' N. 3° 15' W. 147 ft. Devon.			Teignmouth. 50° 33' N. 3° 29' W. 19 ft. Devon.			Torquay. 50° 33' N. 3° 31' W. 12 ft. Devon.			Woolacombe. 51° 10' N. 4° 12' W. 59 ft. Devon.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·86	73	18	2·91	74	16	3·07	78	16	2·47	63	19
F.	2·50	64	16	2·61	66	13	2·76	70	14	2·25	57	16
M.	2·44	62	17	2·60	66	14	2·77	70	15	2·24	57	17
A.	2·13	54	15	2·00	51	12	2·00	51	12	1·72	44	13
M.	1·96	50	14	1·83	47	12	1·89	48	12	1·62	41	14
J.	2·10	53	13	1·96	50	11	1·90	48	12	1·78	45	13
J.	2·51	64	15	2·38	61	12	2·15	55	13	2·46	63	15
A.	2·81	71	16	2·28	58	12	2·47	63	13	2·98	76	16
S.	2·30	58	14	1·99	51	11	2·04	52	12	2·43	62	14
O.	3·72	95	19	3·84	98	17	4·05	103	18	3·98	101	18
N.	3·12	79	18	3·13	80	15	3·47	88	16	3·27	83	19
D.	3·93	100	21	4·03	102	19	4·47	114	19	3·93	100	21
Y.	32·38	823	196	31·56	804	164	33·04	840	172	31·13	792	195

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

ENGLAND, S.W., AND IRELAND, N.

MONTHS.	Falmouth. 50° 9' N. 5° 4' W. 167 ft. Cornwall.			Newquay. 50° 25' N. 5° 4' W. 189 ft. Cornwall.			Markree Castle. 54° 11' N. 8° 27' W. 122 ft. Sligo.			Ennisce Ho. (near Crossmolina). 54° 4' N. 9° 16' W. 67 ft. Mayo.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	4·21	107	20	3·05	78	20	3·90	99	22	5·24	133	—
F.	3·70	94	17	2·55	65	17	3·43	87	19	4·46	113	—
M.	3·46	88	18	2·43	62	17	3·39	86	21	4·52	115	—
A.	2·64	67	15	2·01	51	14	2·64	67	18	3·14	80	—
M.	2·21	56	14	1·64	42	14	2·74	70	18	3·25	82	—
J.	2·31	59	13	2·00	51	12	2·94	75	17	3·00	76	—
J.	2·84	72	15	2·32	59	14	3·44	87	21	3·64	92	—
A.	3·25	83	16	2·58	66	14	4·32	110	22	4·51	115	—
S.	2·91	74	15	2·68	68	14	3·39	86	19	3·92	100	—
O.	4·96	126	21	3·99	101	19	4·06	103	20	5·18	132	—
N.	4·80	122	20	3·63	92	20	4·23	107	22	5·86	149	—
D.	6·27	159	23	4·34	110	23	4·79	122	25	6·55	166	—
Y.	43·56	1,107	207	33·22	845	198	43·27	1,099	244	53·27	1,353	—
MONTHS.	Blacksod Pt. 54° 6' N. 10° 4' W. 350 ft. Mayo.			Gardenfield Ho. (near Tuarn). 53° 32' N. 8° 53' W. 148 ft. Galway.			Malin Head. 55° 23' N. 7° 24' W. 208 ft. Donegal.			Convoy House. (near Raphoe). 54° 51' N. 7° 41' W. 143 ft. Donegal.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	5·09	129	25	4·09	104	—	2·61	66	22	4·27	108	—
F.	4·06	103	22	3·55	90	—	2·41	61	19	3·69	94	—
M.	4·10	104	23	3·44	87	—	2·32	59	21	3·92	99	—
A.	2·90	74	20	2·59	66	—	1·97	50	19	2·86	73	—
M.	2·82	72	19	2·87	73	—	1·98	50	17	2·84	72	—
J.	2·79	71	17	2·72	69	—	2·14	54	16	2·96	75	—
J.	3·15	80	21	3·43	87	—	2·84	72	19	3·54	90	—
A.	4·58	116	22	4·45	113	—	3·52	90	21	4·56	116	—
S.	3·88	99	19	3·33	85	—	2·62	67	17	3·41	87	—
O.	4·99	127	23	3·97	101	—	2·95	75	20	4·12	105	—
N.	5·21	132	24	4·57	116	—	3·28	83	21	4·93	125	—
D.	6·12	155	26	5·07	129	—	3·35	85	24	5·49	139	—
Y.	49·69	1,262	261	44·08	1,120	—	31·99	812	236	46·59	1,183	—



TABLE 3.—NORMALS OF RAINFALL (1881-1915).

## IRELAND, N. AND S.

MONTHS.	Belfast. 54° 35' N. 5° 56' W. 61 ft. Antrim.			Donaghadee. 54° 38' N. 5° 32' W. 37 ft. Down.			Edenfel (near Omagh). 54° 36' N. 7° 18' W. 273 ft. Tyrone.			Armagh. 54° 21' N. 6° 39' W. 204 ft. Armagh.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·86	73	22	2·53	64	20	3·54	90	—	2·52	64	19
F.	2·47	63	18	2·30	58	18	2·98	76	—	2·22	56	17
M.	2·55	65	20	2·19	56	19	3·14	80	—	2·35	60	19
A.	2·23	57	18	2·00	51	16	2·63	67	—	2·10	53	17
M.	2·31	59	17	2·27	58	16	2·59	66	—	2·38	61	16
J.	2·48	63	16	2·33	59	14	2·82	72	—	2·52	64	16
J.	2·97	75	18	2·80	71	17	3·40	86	—	2·89	73	18
A.	3·69	94	20	3·32	84	19	4·27	108	—	3·62	92	19
S.	2·56	65	17	2·39	61	16	3·05	77	—	2·46	63	16
O.	3·29	84	19	2·88	73	18	3·67	93	—	2·72	69	18
N.	3·37	86	21	3·04	77	19	3·80	97	—	2·84	72	19
D.	3·68	94	25	3·17	81	21	4·23	107	—	3·13	80	21
Y.	34·46	878	231	31·22	793	213	40·12	1,019	—	31·75	807	215
MONTHS.	Greenore. 54° 1' N. 6° 8' W. 13 ft. Louth.			Belvidere (near Mullingar). 53° 29' N. 7° 22' W. 360 ft. Westmeath.			Dublin City (Fitzwilliam Sq.). 53° 20' N. 6° 15' W. 47 ft. Dublin.			Glasnevin. 53° 23' N. 6° 16' W. 67 ft. Dublin.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·51	64	—	3·21	81	—	2·29	58	18	2·32	59	17
F.	2·31	59	—	2·78	71	—	1·89	48	16	1·88	48	15
M.	2·30	58	—	2·70	69	—	1·94	49	17	1·97	50	16
A.	2·18	55	—	2·37	60	—	1·90	48	16	1·91	49	15
M.	2·30	58	—	2·45	62	—	2·05	52	15	2·10	53	14
J.	2·47	63	—	2·60	66	—	1·95	50	14	2·00	51	13
J.	2·85	72	—	3·18	81	—	2·56	65	17	2·58	66	15
A.	3·51	89	—	4·17	106	—	3·04	77	17	3·22	82	17
S.	2·32	59	—	2·67	68	—	1·92	49	14	2·00	51	13
O.	2·83	72	—	3·12	79	—	2·68	68	18	2·71	69	17
N.	3·06	78	—	3·41	87	—	2·67	68	17	2·72	69	16
D.	3·27	83	—	3·68	93	—	2·48	63	19	2·54	65	17
Y.	31·91	810	—	36·34	923	—	27·37	695	198	27·95	712	185

TABLE 3.—NORMALS OF RAINFALL (1881-1915).

## IRELAND, S.

MONTHS.	Phoenix Park. 53° 22' N. 6° 21' W. 155 ft. Dublin.			Trinity College. 53° 21' N. 6° 16' W. 12 ft. Dublin.			Birr Castle. 53° 6' N. 7° 55' W. 175 ft. King's Co.			Kilkenny. 52° 39' N. 7° 14' W. 212 ft. Kilkenny.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	2·27	58	21	2·18	55	16	2·83	72	20	3·20	81	19
F.	1·79	46	18	1·75	44	13	2·29	58	17	2·54	65	15
M.	1·95	50	19	1·84	47	14	2·40	61	18	2·29	58	17
A.	1·81	46	17	1·85	47	14	2·15	55	16	2·18	55	16
M.	2·08	53	16	1·93	49	12	2·23	57	16	2·21	56	15
J.	1·98	50	15	1·83	47	11	2·31	59	15	2·43	62	14
J.	2·68	68	18	2·44	62	15	2·95	75	17	2·82	72	15
A.	3·17	81	19	2·90	74	16	3·81	97	19	3·48	88	17
S.	1·91	49	16	1·86	47	13	2·29	58	15	2·31	59	13
O.	2·64	67	19	2·51	64	16	2·91	74	18	3·15	80	18
N.	2·82	72	19	2·61	66	15	3·10	79	19	3·08	78	18
D.	2·54	65	21	2·35	60	17	3·29	84	21	3·46	88	21
Y.	27·64	705	218	26·05	662	172	32·56	829	211	33·15	842	198
MONTHS.	Courtown Ho. (near Gorey). 52° 40' N. 6° 13' W. 53 ft. Wexford.			Waterford. 52° 16' N. 7° 7' W. 20 ft. Waterford.			Foynes. 52° 37' N. 9° 7' W. 50 ft. Limerick.			Killarney. 52° 4' N. 9° 30' W. 174 ft. Kerry.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3·12	79	—	3·64	93	18	3·78	96	20	5·92	150	21
F.	2·81	71	—	3·22	82	15	3·19	81	18	5·22	133	19
M.	2·31	59	—	2·72	69	16	2·95	75	18	4·71	120	20
A.	2·19	55	—	2·50	64	14	2·44	62	16	3·31	84	18
M.	2·22	56	—	2·30	58	13	2·33	59	16	3·06	78	17
J.	2·43	62	—	2·62	67	12	2·58	66	15	2·91	74	15
J.	2·94	75	—	3·18	81	14	3·08	78	18	3·32	84	19
A.	3·33	85	—	3·79	96	16	3·86	98	20	4·42	112	20
S.	2·47	63	—	2·73	69	13	2·79	71	17	3·58	91	17
O.	3·54	90	—	3·92	100	16	3·71	94	19	5·37	136	21
N.	3·49	89	—	3·70	94	17	3·99	101	21	5·61	143	21
D.	3·82	97	—	4·58	116	20	4·73	120	23	7·28	185	23
Y.	34·67	881	—	38·90	989	184	39·43	1,001	221	54·71	1,390	231



TABLE 3.—NORMALS OF RAINFALL (1881-1915).  
IRELAND, S., AND ENGLISH CHANNEL.

MONTHS.	Cahirciveen, (Valencia Obs.). 51° 56' N. 10° 15' W. 30 ft. Kerry.			Ballinacurra. 51° 52' N. 8° 10' W. 24 ft. Cork.			Roche's Point. 51° 47' N. 8° 15' W. 32 ft. Cork.			Brooklyn. 49° 27' N. 2° 31' W. 295 ft. Guernsey.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	5.49	139	24	3.98	101	16	4.15	105	21	3.30	84	21
F.	5.20	132	21	3.74	95	14	3.70	94	18	2.75	70	18
M.	4.54	115	21	2.84	72	12	3.01	76	18	2.72	69	19
A.	3.67	93	19	2.59	66	11	2.68	68	16	2.22	56	15
M.	3.17	81	18	2.37	60	11	2.43	62	15	1.85	47	13
J.	3.20	81	17	2.61	66	10	2.67	68	14	2.07	53	12
J.	3.78	96	21	2.79	71	13	2.88	73	15	2.20	56	13
A.	4.79	122	22	3.72	95	13	3.78	96	18	2.61	66	14
S.	4.14	105	18	2.52	64	11	2.97	75	16	2.81	71	15
O.	5.57	142	22	4.06	103	13	4.09	104	19	4.78	121	21
N.	5.46	139	23	4.01	102	14	4.20	107	19	4.55	116	21
D.	6.64	169	26	5.13	130	20	5.32	135	23	4.61	117	22
Y.	55.65	1,414	252	40.36	1,025	158	41.88	1,063	212	36.47	926	204
MONTHS.	Villa Carey. 49° 27' N. 2° 32' W. 180 ft. Guernsey.			St. Aubins. 49° 12' N. 2° 11' W. 25 ft. Jersey.			St. Louis Obs., St. Heliers. 49° 12' N. 2° 6' W. 183 ft. Jersey.			St. Mary's. 49° 56' N. 6° 18' W. 131 ft. Scilly.		
	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.	Total.	Total.	Days.
	in.	mm.		in.	mm.		in.	mm.		in.	mm.	
J.	3.11	79	20	2.94	75	20	2.62	67	—	2.98	76	21
F.	2.68	68	16	2.44	62	17	2.36	60	—	2.57	65	17
M.	2.61	66	18	2.51	64	18	2.43	62	—	2.45	62	18
A.	2.07	53	14	1.94	49	15	1.80	46	—	1.91	49	15
M.	1.75	44	13	1.82	46	13	1.62	41	—	1.67	42	13
J.	1.86	47	11	2.11	54	12	1.92	49	—	1.71	43	13
J.	2.14	54	12	2.10	53	13	1.74	44	—	2.22	56	15
A.	2.45	62	14	2.44	62	14	2.24	57	—	2.62	67	16
S.	2.70	69	14	2.41	61	14	2.42	62	—	2.45	62	15
O.	4.68	119	21	4.55	116	20	3.62	92	—	3.66	93	21
N.	4.42	112	21	4.08	104	21	3.64	92	—	3.27	83	20
D.	4.50	114	21	4.15	105	22	3.96	101	—	4.36	111	23
Y.	34.97	887	195	33.49	851	199	30.37	773	—	31.87	809	207

TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915).  
SCOTLAND, N. AND E.

Station ... Latitude ... Longitude ... Above M.S.L. "County" ...	Deerness. 58° 56' N. 2° 45' W. 160 ft. + 8 ft. Orkney.			Stornoway. 58° 11' N. 6° 22' W. 51 ft. + 8 ft. Hebrides.			Strathpeffer. 57° 35' N. 4° 32' W. 200 ft. + 40 ft. Ross and Cromarty.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
January ...	6.97	0.97	14	7.15	0.90	13	7.27	1.13	16
February ...	9.16	1.91	21	9.24	2.06	22	9.31	2.23	24
March ...	11.72	3.19	27	11.73	3.39	29	11.74	3.29	28
April ...	14.36	4.87	34	14.31	5.13	36	14.24	4.50	32
May ...	16.80	5.74	34	16.63	6.16	37	16.51	5.32	32
June ...	18.23	5.30	29	17.99	5.93	33	17.82	5.23	29
July ...	17.58	4.45	25	17.37	4.68	27	17.24	4.35	25
August ...	15.39	3.87	25	15.29	4.29	28	15.21	4.00	26
September ...	12.83	3.50	27	12.81	3.83	30	12.79	3.67	29
October ...	10.20	2.45	24	10.25	2.77	27	10.29	2.77	27
November ...	7.72	1.20	16	7.87	1.43	18	7.97	1.47	18
December ...	6.24	0.65	10	6.45	0.74	11	6.60	0.84	13
Whole Year ...	12.28	3.18	26	12.27	3.45	28	12.26	3.24	26
Station ... Latitude ... Longitude ... Above M.S.L. "County" ...	Fort Augustus. 57° 8' N. 4° 40' W. 68 ft. + 5 ft.* Inverness.			Aberdeen. 57° 10' N. 2° 6' W. 46 ft. + 68 ft. Aberdeen.			Crathes. 57° 3' N. 2° 25' W. 140 ft. + 12 ft. Kincardine.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
January ...	7.37	0.61	8	7.37	1.55	21	7.39	1.77	24
February ...	9.36	1.56	17	9.36	2.59	28	9.37	2.80	30
March ...	11.74	2.65	23	11.74	3.77	32	11.74	3.58	30
April ...	14.20	3.80	27	14.20	5.27	37	14.19	5.03	35
May ...	16.43	4.35	26	16.43	6.03	37	16.41	5.52	34
June ...	17.70	4.60	26	17.70	6.13	35	17.68	5.93	34
July ...	17.13	3.55	21	17.13	5.13	30	17.12	4.97	29
August ...	15.15	3.23	21	15.15	4.84	32	15.14	4.42	29
September ...	12.77	3.07	24	12.77	4.13	32	12.77	3.83	30
October ...	10.33	2.13	21	10.33	3.06	30	10.34	2.97	29
November ...	8.05	0.87	11	8.05	1.83	23	8.06	1.83	23
December ...	6.71	0.39	6	6.71	1.16	17	6.73	1.13	17
Whole Year ...	12.26	2.56	21	12.26	3.80	31	12.26	3.65	30

\* 5 ft. till 1900 then 100 ft.



TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—continued.

## SCOTLAND E. AND ENGLAND N.E.

MONTHS.	Balruddery. 56° 29' N. 3° 8' W. 276 ft. + 90 ft. Forfar.			Blackford Hill, Edinburgh 55° 55' N. 3° 11' W. 441 ft. + 5 ft.* Midlothian.			Marchmont. 55° 44' N. 2° 25' W. 498 ft. + 4 ft. Berwick.			Douglas. 51° 10' N. 4° 28' W. 277 ft. + 8 ft. Isle of Man.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7'50	1'68	22	7'61	1'58	21	7'65	1'35	18	7'92	1'58	20
F.	9'43	2'62	28	9'49	2'77	29	9'50	2'38	25	9'65	2'55	26
M.	11'75	3'77	32	11'75	3'68	31	11'76	3'45	29	11'77	4'32	37
A.	14'14	4'90	35	14'10	4'60	33	14'09	4'83	34	13'97	6'10	44
M.	16'31	5'77	35	16'20	5'58	35	16'15	5'65	35	15'91	7'16	45
J.	17'53	6'23	35	17'39	6'13	35	17'35	6'23	36	17'00	7'27	43
J.	16'98	5'48	32	16'86	5'39	32	16'83	5'42	32	16'51	6'52	39
A.	15'07	4'84	32	15'00	4'84	32	14'98	4'77	32	14'80	5'74	39
S.	12'75	3'97	31	12'74	4'00	31	12'73	4'03	32	12'69	4'93	39
O.	10'37	2'90	28	10'40	3'19	31	10'42	2'68	25	10'51	3'23	31
N.	8'16	2'37	29	8'25	2'03	25	8'28	1'70	21	8'55	2'13	25
D.	6'87	1'29	19	7'00	1'39	20	7'03	1'10	16	7'37	1'29	18
Y.	12'25	3'82	31	12'25	3'77	31	12'25	3'64	30	12'23	4'41	36
MONTHS.	Cockle Park. 55° 13' N. 1° 41' W. 324 ft. + 4 ft. Northumberland.			Durham. 54° 46' N. 1° 35' W. 336 ft. + 25 ft. Durham.			Scarborough. 54° 18' N. 0° 24' W. 100 ft. + 60 ft. York, N. Riding.			Whitby. 54° 29' N. 0° 37' W. 124 ft. + 5 ft. York, N. Riding.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	17'75	1'65	22	7'83	1'45	19	7'90	1'42	18	7'87	1'61	20
F.	9'56	2'77	29	9'60	2'38	25	9'64	2'38	25	9'63	2'59	27
M.	11'76	4'06	35	11'77	3'65	31	11'77	3'87	33	11'77	4'13	35
A.	14'05	4'87	35	14'01	4'63	33	13'98	5'20	37	13'99	5'40	39
M.	16'08	5'87	37	16'00	5'35	33	15'94	6'19	39	15'96	6'13	38
J.	17'22	5'87	34	17'12	5'70	33	17'03	5'77	34	17'06	5'87	34
J.	16'71	5'42	33	16'63	5'26	32	16'54	5'58	34	16'57	5'65	34
A.	14'91	5'13	35	14'87	4'77	32	14'82	5'32	36	14'84	5'29	36
S.	12'72	4'37	35	12'70	4'00	31	12'69	4'57	36	12'69	4'70	38
O.	10'45	3'06	30	10'48	2'77	26	10'50	3'10	30	10'49	3'23	31
N.	8'36	2'13	26	8'43	1'83	22	8'49	1'70	20	8'47	1'77	21
D.	7'16	1'48	21	7'25	1'32	18	7'34	1'06	14	7'31	1'26	17
Y.	12'24	3'89	32	12'24	3'60	29	12'23	3'85	31	12'23	3'97	32

\* 5 ft. in Summer and 30 ft. in Winter.  
For Glasgow see p. 79.

TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—continued.

## ENGLAND, N.E. AND E.

MONTHS.	York. 53° 57' N. 1° 5' W. 56 ft. + 49 ft. York, N. Riding.			Hull. 53° 45' N. 0° 16' W. 12 ft. + 36 ft. York, E. Riding.			Rauceby. 53° 0' N. 0° 29' W. 124 ft. + 12 ft. Lincoln.			Skegness. 53° 9' N. 0° 21' E. 12 ft. + 34 ft. Lincoln.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7'95	0'97	12	8'00	0'55	7	8'11	1'61	20	8'09	1'77	22
F.	9'67	1'99	21	9'69	1'45	15	9'76	2'80	29	9'75	2'91	30
M.	11'77	3'26	28	11'78	2'58	22	11'78	3'94	33	11'78	4'26	36
A.	13'96	4'60	33	13'94	3'60	26	13'89	5'50	40	13'90	5'77	42
M.	15'89	5'48	35	15'85	4'42	28	15'74	6'55	42	15'76	6'77	43
J.	16'96	5'83	34	16'91	4'33	26	16'76	6'50	39	16'79	7'00	42
J.	16'48	5'48	33	16'43	4'48	28	16'30	6'48	40	16'33	6'81	42
A.	14'79	4'87	33	14'76	4'10	28	14'68	6'00	41	14'70	6'23	42
S.	12'69	4'17	33	12'68	3'33	26	12'66	4'93	39	12'66	5'23	41
O.	10'52	2'65	25	10'54	2'13	20	10'58	3'32	31	10'57	3'58	34
N.	8'53	1'43	17	8'57	1'10	13	8'67	1'93	22	8'65	2'27	26
D.	7'40	0'77	10	7'45	0'39	5	7'59	1'29	17	7'56	1'65	22
Y.	12'23	3'46	28	12'23	2'71	22	12'22	4'24	35	12'22	4'53	37
MONTHS.	Cromer. 52° 56' N. 1° 17' E. 196 ft. + 5 ft. Norfolk.			Geldeston. 52° 28' N. 1° 31' E. 37 ft. + 25 ft. Norfolk.			Little Massingham. 52° 47' N. 0° 39' E. 280 ft. + 18 ft. Norfolk.			Felixstowe. 51° 58' N. 1° 22' E. 10 ft. + 35 ft. Suffolk.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8'12	1'77	22	8'19	1'77	22	8'14	1'52	19	8'26	2'00	24
F.	9'77	2'84	29	9'81	2'62	27	9'78	2'45	25	9'85	3'09	31
M.	11'78	4'16	35	11'79	4'00	34	11'79	3'68	31	11'79	4'42	38
A.	13'88	5'73	41	13'85	5'60	40	13'87	5'37	39	13'82	6'27	45
M.	15'73	6'61	42	15'66	6'97	45	15'71	6'55	42	15'60	7'81	50
J.	16'75	6'47	39	16'66	6'90	41	16'73	6'47	39	16'57	7'70	46
J.	16'29	6'58	40	16'22	6'71	41	16'27	6'26	39	16'13	7'65	47
A.	14'67	6'03	41	14'63	6'06	41	14'66	5'77	39	14'59	7'10	49
S.	12'66	5'07	40	12'65	5'20	41	12'66	4'80	38	12'64	6'13	49
O.	10'58	3'42	32	10'61	3'45	33	10'59	3'13	29	10'63	3'97	37
N.	8'68	2'03	23	8'73	2'13	24	8'69	1'87	21	8'80	2'50	28
D.	7'60	1'48	19	7'68	1'48	19	7'62	1'23	16	7'77	1'71	22
Y.	12'22	4'36	36	12'22	4'42	36	12'22	4'10	34	12'22	5'04	41



TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—*continued*.

## ENGLAND, E.

MONTHS.	Lowestoft. 52° 29' N. 1° 45' E. 83 ft. + 19 ft. Suffolk.			Cambridge. 52° 12' N. 0° 8' E. 41 ft. + 19 ft. Cambridge.			Apsley Guise. 52° 1' N. 0° 38' W. 410 ft. + 30 ft. Bedford.			Berkhamsted. 51° 46' N. 0° 34' W. 450 ft. + 14 ft. Hertford.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·19	1·87	23	8·23	1·71	21	8·26	1·68	20	8·30	1·55	19
F.	9·81	2·80	29	9·83	2·66	27	9·85	2·41	24	9·86	2·48	25
M.	11·79	4·39	37	11·79	3·90	33	11·79	3·61	31	11·80	3·65	31
A.	13·85	6·13	44	13·83	5·53	40	13·82	5·03	36	13·80	5·37	39
M.	15·66	7·39	47	15·62	6·52	42	15·60	5·97	38	15·56	6·39	41
J.	16·66	7·23	43	16·60	6·70	40	16·57	6·00	36	16·52	6·60	40
J.	16·22	7·26	45	16·16	6·52	40	16·13	5·87	36	16·09	6·52	41
A.	14·63	6·74	46	14·61	6·06	41	14·59	5·81	40	14·56	5·94	41
S.	12·65	5·73	45	12·65	5·03	40	12·64	4·73	37	12·63	5·07	40
O.	10·61	3·65	34	10·62	3·35	32	10·63	3·10	29	10·65	3·00	28
N.	8·73	2·27	26	8·77	2·07	24	8·80	1·97	22	8·83	2·10	24
D.	7·68	1·45	19	7·74	1·29	17	7·77	1·32	17	7·82	1·19	15
Y.	12·22	4·75	39	12·22	4·29	35	12·22	3·96	32	12·21	4·16	34
MONTHS.	Rothamsted. 51° 48' N. 0° 22' W. 424 ft. + 9 ft. Hertford.			Clacton. 51° 47' N. 1° 9' E. 54 ft. + 40 ft. Essex.			Southend. 51° 32' N. 0° 43' E. 90 ft. + 5 ft. Essex.			Garforth. 53° 48' N. 1° 22' W. 192 ft. + 5 ft. York, W. Riding.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·30	1·71	21	8·30	1·87	23	8·33	2·00	24	8·00	0·94	12
F.	9·86	2·48	25	9·86	2·94	30	9·88	2·62	27	9·69	2·13	22
M.	11·80	3·71	31	11·80	4·23	37	11·80	3·58	30	11·78	3·42	29
A.	13·80	5·30	38	13·80	6·03	44	13·79	5·57	40	13·94	4·97	36
M.	15·56	6·39	41	15·56	7·52	48	15·53	7·13	46	15·85	5·65	36
J.	16·52	6·60	40	16·52	7·33	44	16·48	7·13	43	16·91	5·90	35
J.	16·09	6·58	41	16·09	7·00	43	16·06	7·10	44	16·43	5·48	33
A.	14·56	5·97	41	14·56	6·87	47	14·54	6·68	46	14·76	4·68	32
S.	12·63	5·03	40	12·63	5·87	46	12·63	5·23	41	12·68	3·87	30
O.	10·65	3·26	31	10·65	3·61	34	10·66	3·61	34	10·54	2·48	24
N.	8·83	2·17	25	8·83	2·33	26	8·86	2·20	25	8·57	1·37	16
D.	7·82	1·35	17	7·82	1·52	19	7·85	1·48	19	7·45	0·77	10
Y.	12·21	4·22	35	12·21	4·77	39	12·21	4·54	37	12·23	3·47	28

TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—*continued*.

## MIDLAND COUNTIES.

MONTHS.	Harrogate. 54° 0' N. 1° 33' W. 479 ft. + 13 ft. York, W. Riding.			Sheffield. 53° 23' N. 1° 29' W. 429 ft. + 48 ft. York, W. Riding.			Nottingham. 52° 56' N. 1° 9' W. 82 ft. + 33 ft. Nottingham.			Strelley. 52° 58' N. 1° 15' W. 377 ft. + 25 ft. Nottingham.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7·95	1·61	20	8·06	1·32	16	8·12	1·10	14	8·11	1·16	14
F.	9·67	2·52	26	9·73	2·27	23	9·77	2·06	21	9·76	2·02	21
M.	11·77	3·81	32	11·78	3·29	28	11·78	3·39	29	11·78	3·32	28
A.	13·96	5·23	37	13·91	4·70	34	13·88	4·97	36	13·89	4·73	34
M.	15·89	5·74	36	15·79	5·48	35	15·73	5·87	37	15·74	5·55	35
J.	16·96	6·53	39	16·83	5·70	34	16·75	5·87	35	16·76	5·50	33
J.	16·48	5·84	35	16·36	5·81	36	16·29	5·71	35	16·30	5·29	32
A.	14·79	5·16	35	14·72	5·13	35	14·67	5·42	37	14·68	4·84	33
S.	12·69	4·40	35	12·67	4·00	32	12·66	4·20	33	12·66	4·23	33
O.	10·52	2·87	27	10·56	2·68	25	10·58	2·68	25	10·58	2·71	26
N.	8·53	1·83	21	8·62	1·67	19	8·68	1·37	16	8·67	1·57	18
D.	7·40	1·29	17	7·53	1·16	15	7·60	0·90	12	7·59	0·90	12
Y.	12·23	3·91	32	12·23	3·61	30	12·22	3·63	30	12·22	3·49	29
MONTHS.	Hodsock, Worksop. 53° 22' N. 1° 5' W. 56 ft. + 50 ft. Nottingham.			Belvoir Castle. 52° 54' N. 0° 47' W. 259 ft. + 27 ft. Leicester.			Birmingham. 52° 28' N. 1° 30' W. 535 ft. + 100 ft. Warwick.			Coventry. 52° 25' N. 1° 30' W. 270 ft. + 11 ft. Warwick.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·06	1·19	15	8·12	1·74	21	8·19	1·10	13	8·20	1·10	13
F.	9·73	2·06	21	9·77	2·62	27	9·81	1·77	18	9·81	2·16	22
M.	11·78	3·29	28	11·78	3·58	30	11·79	2·74	23	11·79	3·45	29
A.	13·91	4·57	33	13·88	5·50	40	13·85	4·03	29	13·84	5·00	36
M.	15·79	5·42	34	15·73	6·55	42	15·66	4·90	31	15·65	5·84	37
J.	16·83	5·53	33	16·75	6·37	38	16·66	5·00	30	16·64	6·27	38
J.	16·36	5·19	32	16·29	6·23	38	16·22	4·81	30	16·20	6·00	37
A.	14·72	4·71	32	14·67	6·00	41	14·63	4·65	32	14·63	5·52	38
S.	12·67	4·03	32	12·66	4·83	38	12·65	3·70	29	12·65	4·40	35
O.	10·56	2·61	25	10·58	3·35	32	10·61	2·23	21	10·62	2·77	26
N.	8·62	1·57	18	8·68	2·23	26	8·73	1·33	15	8·74	1·53	18
D.	7·53	0·94	12	7·60	1·45	19	7·68	0·94	12	7·70	0·87	11
Y.	12·23	3·43	28	12·22	4·21	34	12·22	3·11	25	12·22	3·75	31



TABLE 4.—NORMAL DAILY SUNSHINE (1881—1915)—*continued*.

MIDLAND COUNTIES AND ENGLAND, S.E.

MONTHS.	Oxford. 51° 46' N. 1° 16' W. 208 ft. + 100 ft. Oxford.			Cirencester. 51° 43' N. 1° 57' W. 446 ft. + 10 ft. Gloucester.			Bunhill Row. 51° 31' N. 0° 5' W. 80 ft. + 80 ft. London.			Tottenham. 51° 36' N. 0° 5' W. 51 ft. + 65 ft. London.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.30	1.65	20	8.30	1.58	19	8.33	0.48	6	8.32	1.32	16
F.	9.86	2.45	25	9.86	2.59	26	9.88	1.13	11	9.87	1.90	19
M.	11.80	3.58	30	11.80	3.74	32	11.80	2.32	20	11.80	3.32	28
A.	13.80	5.23	38	13.80	5.37	39	13.79	4.27	31	13.79	5.26	38
M.	15.56	6.26	40	15.56	6.45	41	15.53	5.74	37	15.54	6.62	43
J.	16.52	6.50	39	16.52	6.47	39	16.48	6.00	36	16.50	6.83	41
J.	16.09	6.35	39	16.09	6.29	39	16.06	5.81	36	16.07	6.62	41
A.	14.56	5.94	40	14.56	5.84	40	14.54	5.32	37	14.54	6.10	42
S.	12.63	4.93	39	12.63	4.80	38	12.63	3.97	31	12.63	4.76	38
O.	10.65	3.19	30	10.65	3.10	29	10.66	2.06	19	10.65	2.71	25
N.	8.83	2.00	23	8.83	1.91	22	8.86	0.77	9	8.85	1.66	19
D.	7.82	1.39	18	7.82	1.26	16	7.85	0.26	3	7.84	1.00	13
Y.	12.21	4.13	34	12.21	4.13	34	12.21	3.19	26	12.21	4.02	33
MONTHS.	Greenwich. 51° 28' N. 0° 0' W. 149 ft. + 50 ft. London.			Richmond (Kew Obs.). 51° 28' N. 0° 19' W. 18 ft. + 44 ft. Surrey.			Westminster. 51° 30' N. 0° 8' W. 27 ft. + 80 ft. London.			Broadstairs. 51° 21' N. 1° 26' E. 140 ft. + 60 ft. Kent.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.33	1.24	15	8.33	1.39	17	8.33	0.68	8	8.36	1.94	23
F.	9.88	2.04	21	9.88	2.13	22	9.88	1.35	14	9.90	2.94	30
M.	11.80	3.40	29	11.80	3.39	29	11.80	2.39	20	11.80	4.23	36
A.	13.79	5.02	36	13.79	5.23	38	13.79	4.30	31	13.77	6.07	44
M.	15.53	6.47	42	15.53	6.48	42	15.53	5.61	36	15.51	7.45	48
J.	16.48	6.70	41	16.48	6.57	40	16.48	5.80	35	16.45	7.33	45
J.	16.06	6.50	40	16.06	6.48	40	16.06	5.84	36	16.03	7.26	45
A.	14.54	6.20	43	14.54	6.03	41	14.54	5.48	38	14.52	6.84	47
S.	12.63	4.95	39	12.63	4.83	38	12.63	4.23	33	12.63	5.67	45
O.	10.66	3.12	29	10.66	2.97	28	10.66	2.26	21	10.67	3.74	35
N.	8.86	1.72	19	8.86	1.73	20	8.86	1.00	11	8.88	2.20	25
D.	7.85	1.05	14	7.85	1.19	17	7.85	0.52	7	7.88	1.68	21
Y.	12.21	4.05	33	12.21	4.04	33	12.21	3.30	27	12.21	4.79	39

TABLE 4.—NORMAL DAILY SUNSHINE (1881—1915)—*continued*.

ENGLAND, S.E.

MONTHS.	Margate. 51° 24' N. 1° 24' E. 51 ft. + 60 ft. Kent.			Ramsgate. 51° 20' N. 1° 25' E. 70 ft. + 50 ft. Kent.			Tunbridge Wells. 51° 8' N. 0° 16' E. 421 ft. + 78 ft. Kent.			Wisley. 51° 17' N. 0° 26' W. 150 ft. + 7 ft. Surrey.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.35	1.65	20	8.36	1.94	23	8.39	1.71	20	8.36	1.71	20
F.	9.89	2.59	26	9.90	2.80	28	9.91	2.55	26	9.90	2.27	23
M.	11.80	4.03	34	11.80	4.35	37	11.80	4.00	34	11.80	3.68	31
A.	13.78	5.67	41	13.77	6.17	45	13.76	5.67	41	13.77	5.33	39
M.	15.52	6.71	43	15.51	7.48	48	15.48	6.87	44	15.51	6.65	43
J.	16.46	6.53	40	16.45	7.43	45	16.32	6.87	42	16.45	6.93	42
J.	16.04	6.55	41	16.03	7.19	45	16.00	6.87	43	16.03	6.74	42
A.	14.53	6.16	42	14.52	6.77	47	14.50	6.45	44	14.52	6.23	43
S.	12.63	5.33	42	12.63	5.57	44	12.62	5.43	43	12.63	5.07	40
O.	10.67	3.42	32	10.67	3.81	36	10.68	3.55	33	10.67	3.23	30
N.	8.87	1.93	22	8.88	2.20	25	8.90	2.30	26	8.88	1.90	21
D.	7.87	1.39	18	7.88	1.65	21	7.91	1.35	17	7.88	1.35	17
Y.	12.21	4.34	36	12.21	4.79	39	12.21	4.48	37	12.21	4.27	35
MONTHS.	Bognor. 50° 47' N. 0° 40' W. 20 ft. + 61 ft. Sussex.			Brighton. 50° 49' N. 0° 8' W. 31 ft. + 82 ft. Sussex.			Eastbourne. 50° 46' N. 0° 17' E. 35 ft. + 100 ft. Sussex.			St. Leonards. 50° 51' N. 0° 33' E. 178 ft. + 40 ft. Sussex.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.44	2.06	24	8.44	1.87	22	8.44	1.90	23	8.44	2.00	24
F.	9.94	3.33	34	9.94	2.87	29	9.94	2.91	29	9.94	2.98	30
M.	11.81	4.65	39	11.81	4.26	36	11.81	4.35	37	11.81	4.35	37
A.	13.74	6.20	45	13.74	5.93	43	13.74	6.10	44	13.74	6.07	44
M.	15.44	7.48	48	15.44	7.42	48	15.44	7.55	49	15.44	7.61	49
J.	16.36	7.57	46	16.36	7.43	45	16.36	7.60	46	16.36	7.57	46
J.	15.95	7.52	47	15.95	7.45	47	15.95	7.68	48	15.95	7.61	48
A.	14.47	7.35	51	14.47	6.87	47	14.47	6.84	47	14.47	6.84	47
S.	12.61	5.80	46	12.61	5.63	45	12.61	5.77	46	12.61	5.77	46
O.	10.69	4.03	38	10.69	3.74	35	10.69	3.68	34	10.69	3.81	36
N.	8.94	2.60	29	8.94	2.50	28	8.94	2.47	28	8.94	2.50	28
D.	7.96	1.81	23	7.96	1.61	20	7.96	1.65	21	7.96	1.77	22
Y.	12.20	5.01	41	12.20	4.81	39	12.20	4.88	40	12.20	4.92	40



TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—*continued*.

## ENGLAND, S.E.

MONTHS.	Westbourne. 50° 52' N. 0° 55' W. 30 ft. + 6 ft. Sussex.			Worthing. 50° 49' N. 0° 22' W. 35 ft. + 60 ft. Sussex.			Bournemouth. 50° 43' N. 1° 53' W. 145 ft. + 45 ft. Hampshire.			Grayshott. 51° 7' N. 0° 46' W. 661 ft. + 26 ft. Hampshire.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.44	1.68	20	8.44	2.03	23	8.46	2.06	24	8.39	1.81	22
F.	9.94	2.91	29	9.94	3.12	31	9.95	3.09	31	9.91	2.80	28
M.	11.81	4.45	38	11.81	4.55	38	11.81	4.52	38	11.80	3.90	33
A.	13.74	6.23	45	13.74	6.07	44	13.73	6.03	44	13.76	5.77	42
M.	15.44	7.55	49	15.44	7.52	49	15.42	7.52	49	15.48	6.71	43
J.	16.36	7.67	47	16.36	7.73	47	16.33	7.37	45	16.32	7.13	44
J.	15.95	7.42	46	15.95	7.55	47	15.93	7.39	46	16.00	6.94	43
A.	14.47	7.00	48	14.47	6.97	48	14.46	7.00	48	14.50	6.32	44
S.	12.61	5.80	46	12.61	5.87	47	12.61	5.57	44	12.62	5.30	42
O.	10.69	3.68	34	10.69	3.87	36	10.70	3.87	36	10.68	3.61	34
N.	8.94	1.97	22	8.94	2.60	29	8.96	2.60	29	8.90	2.30	26
D.	7.96	1.39	17	7.96	1.77	22	7.99	1.90	24	7.91	1.58	20
Y.	12.20	4.82	40	12.20	4.98	41	12.20	4.92	40	12.20	4.52	37
MONTHS.	Southampton. 50° 55' N. 1° 24' W. 64 ft. + 124 ft. Hampshire.			Totland Bay. 50° 41' N. 1° 33' W. 140 ft. + 44 ft. Hampshire.			Ventnor. 50° 36' N. 1° 13' W. 59 ft. + 6 ft. Hampshire.			Marlborough. 51° 25' N. 1° 44' W. 424 ft. + 50 ft. Wiltshire.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.42	1.71	20	8.31	2.06	25	8.32	1.94	23	8.35	1.39	17
F.	9.93	2.73	27	9.87	3.09	31	9.88	3.05	31	9.89	2.13	22
M.	11.80	4.03	34	11.80	4.35	37	11.80	4.61	39	11.80	3.32	28
A.	13.75	5.80	42	13.80	5.90	43	13.80	6.07	44	13.78	4.83	35
M.	15.45	7.00	45	15.55	7.45	48	15.54	7.23	47	15.52	5.97	38
J.	16.38	7.07	43	16.51	7.53	46	16.50	7.10	43	16.46	6.13	37
J.	15.97	7.06	44	16.08	7.68	48	16.07	7.32	46	16.04	6.03	38
A.	14.48	6.61	46	14.55	6.74	46	14.55	6.68	46	14.53	5.58	38
S.	12.62	5.47	43	12.63	5.33	42	12.63	5.60	44	12.63	4.50	36
O.	10.68	3.48	33	10.65	3.84	36	10.65	3.71	35	10.67	2.97	28
N.	8.93	2.20	25	8.84	2.60	29	8.85	2.57	29	8.87	1.77	20
D.	7.94	1.55	20	7.83	1.81	23	7.84	1.71	22	7.87	1.16	15
Y.	12.21	4.57	38	12.21	4.88	40	12.21	4.81	39	12.21	3.82	31

TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—*continued*.

## SCOTLAND W. AND ENGLAND N.W.

MONTHS.	Glasgow. 55° 53' N. 4° 18' W. 108 ft. + 24 ft. Lanark.			Aspatia. 54° 46' N. 3° 13' W. 487 ft. + 40 ft. Cumberland.			Newton Rigg. 54° 40' N. 2° 49' W. 559 ft. + 8 ft. Cumberland.			Blackpool. 53° 49' N. 3° 3' W. 66 ft. + 25 ft. Lancashire.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7.61	0.71	9	7.83	1.45	19	7.84	1.29	16	7.98	1.55	19
F.	9.49	1.56	16	9.60	2.38	25	9.61	2.23	23	9.79	2.62	27
M.	11.75	2.74	23	11.77	3.74	32	11.77	3.52	30	11.78	4.16	35
A.	14.10	4.23	30	14.01	5.17	37	14.00	5.13	37	13.94	5.83	42
M.	16.20	5.19	32	16.00	6.10	38	15.99	6.26	39	15.86	7.13	45
J.	17.39	5.43	31	17.12	6.83	40	17.10	6.87	40	16.92	7.43	44
J.	16.86	4.71	28	16.63	5.81	35	16.61	5.84	35	16.45	6.71	41
A.	15.00	4.16	28	14.87	5.00	34	14.86	4.97	33	14.77	5.84	40
S.	12.74	3.33	26	12.70	4.63	36	12.70	4.37	34	12.68	4.87	38
O.	10.40	2.13	20	10.48	3.26	31	10.48	2.77	26	10.54	3.19	30
N.	8.25	0.93	11	8.43	1.97	23	8.44	1.70	20	8.56	1.87	22
D.	7.00	0.48	7	7.25	1.06	15	7.27	1.03	14	7.47	1.23	16
Y.	12.25	2.97	24	12.24	3.95	32	12.24	3.84	31	12.23	4.38	36
MONTHS.	Carnforth. 54° 8' N. 2° 44' W. 174 ft. + 10 ft. Lancashire.			Southport. 53° 39' N. 2° 59' W. 37 ft. + 17 ft. Lancashire.			Stonyhurst. 53° 51' N. 2° 25' W. 375 ft. + 5 ft. Lancashire.			Whitworth Park, Manchester. 53° 28' N. 2° 14' W. 124 ft. + 11 ft. Lancashire.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7.93	1.29	16	8.01	1.55	19	7.98	1.06	13	7.87	0.58	7
F.	9.96	2.30	23	9.70	2.55	26	9.79	2.09	21	9.63	1.42	15
M.	11.77	3.74	32	11.78	3.97	34	11.78	3.39	29	11.77	2.35	20
A.	13.97	5.37	38	13.93	5.67	41	13.94	5.00	36	13.99	3.90	28
M.	15.91	6.42	40	15.84	6.94	44	15.86	6.03	38	15.96	5.00	31
J.	16.99	7.10	42	16.89	7.23	43	16.92	6.17	36	17.06	5.43	32
J.	16.51	6.00	36	16.42	6.55	40	16.45	5.65	34	16.57	5.03	30
A.	14.80	5.16	35	14.75	5.74	39	14.77	4.87	33	14.84	4.16	28
S.	12.69	4.60	36	12.68	4.70	37	12.68	4.23	33	12.69	3.57	28
O.	10.51	3.10	29	10.54	3.06	29	10.54	2.71	26	10.49	2.06	20
N.	8.51	1.67	20	8.58	1.80	21	8.56	1.57	18	8.47	0.67	8
D.	7.37	0.87	12	7.47	1.23	16	7.47	0.81	11	7.31	0.42	6
Y.	12.23	3.97	32	12.23	4.26	35	12.23	3.64	30	12.23	2.89	24



TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—continued.

ENGLAND, N.W., AND N. &amp; S. WALES.

MONTHS.	Oldham Road, Manchester. 53° 29' N. 2° 13' W. 190 ft. + 5 ft. Lancashire.			Hoylake. 53° 23' N. 3° 12' W. 30 ft. + 60 ft. Cheshire.			Rhyl. 53° 19' N. 3° 29' W. 20 ft. + 12 ft. Flint.			Llandudno. 53° 20' N. 3° 50' W. 71 ft. + 10 ft. Carnarvon.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·04	0·45	6	8·06	1·68	21	8·06	2·10	26	8·06	1·84	23
F.	9·72	1·28	13	9·73	2·41	25	9·73	2·77	28	9·73	2·48	26
M.	11·78	2·58	22	11·78	3·71	31	11·78	4·32	37	11·78	4·00	34
A.	13·92	4·33	31	13·91	5·43	39	13·91	5·87	42	13·91	5·77	41
M.	15·81	5·13	32	15·79	6·35	40	15·79	7·10	45	15·79	6·94	44
J.	16·86	5·70	34	16·83	6·73	40	16·83	7·07	42	16·83	7·20	43
J.	16·39	4·65	28	16·36	6·23	38	16·36	6·52	40	16·36	6·39	39
A.	14·73	3·97	27	14·72	5·52	37	14·72	5·90	40	14·72	5·77	39
S.	12·67	3·63	29	12·67	4·53	36	12·67	4·97	39	12·67	4·93	39
O.	10·55	2·16	20	10·56	2·97	28	10·56	3·39	32	10·56	3·35	32
N.	8·60	0·53	6	8·62	1·93	22	8·62	2·20	26	8·62	2·07	24
D.	7·50	0·23	3	7·53	1·29	17	7·53	1·55	21	7·53	1·29	17
Y.	12·23	2·89	24	12·23	4·07	34	12·23	4·49	37	12·23	4·34	35
MONTH.	Aberdovey. 52° 33' N. 4° 4' W. 22 ft. + 5 ft. Merioneth.			Aberystwyth. 52° 25' N. 4° 4' W. 59 ft. + 5 ft. Cardigan.			Haverfordwest. 51° 48' N. 4° 58' W. 250 ft. + 5 ft. Pembroke.			St. Anne's Head. 51° 41' N. 5° 11' W. 149 ft. + 5 ft. Pembroke.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·19	1·87	23	8·20	1·87	23	8·30	1·71	21	8·30	1·71	21
F.	9·81	2·62	27	9·81	2·52	26	9·86	2·59	26	9·86	2·70	27
M.	11·79	4·00	34	11·79	3·77	32	11·80	4·03	34	11·80	4·19	36
A.	13·85	5·60	40	13·84	5·43	39	13·80	5·70	41	13·80	5·93	42
M.	15·66	6·55	42	15·65	6·29	40	15·56	6·94	45	15·56	6·97	45
J.	16·66	6·63	40	16·64	6·43	39	16·52	7·63	46	16·52	7·27	44
J.	16·22	6·03	37	16·20	5·94	37	16·09	6·84	42	16·09	6·68	42
A.	14·63	5·71	39	14·63	5·58	38	14·56	6·00	41	14·56	6·16	42
S.	12·65	5·20	41	12·65	5·07	40	12·63	5·07	40	12·63	5·00	40
O.	10·61	3·39	32	10·62	3·45	32	10·65	3·19	30	10·65	3·29	31
N.	8·73	2·27	26	8·74	2·20	25	8·83	2·30	26	8·83	2·17	25
D.	7·68	1·23	16	7·70	1·13	15	7·82	1·45	19	7·82	1·35	17
Y.	12·22	4·26	35	12·22	4·15	34	12·21	4·46	36	12·21	4·46	36

TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—continued.

S. WALES AND ENGLAND, S.W.

MONTHS.	Tenby. 51° 41' N. 4° 42' W. 64 ft. + 40 ft. Pembroke.			Llangammarch Wells. 52° 7' N. 3° 32' W. 550 ft. + 4 ft. Brecknock.			Port Talbot. 51° 34' N. 3° 45' W. 179 ft. + 5 ft. Glamorgan.			Bath. 51° 23' N. 2° 21' W. 66 ft. + 13 ft. Somerset.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·30	1·90	23	8·24	1·16	14	8·33	1·68	20	8·35	1·52	18
F.	9·86	2·77	28	9·84	2·20	22	9·88	2·52	26	9·89	2·62	27
M.	11·80	4·35	37	11·79	3·06	26	11·80	3·71	31	11·80	3·94	33
A.	13·80	6·00	43	13·84	4·97	36	13·79	5·17	37	13·78	5·33	39
M.	15·56	7·16	46	15·62	5·58	36	15·53	6·48	42	15·52	6·84	44
J.	16·52	7·70	47	16·60	5·83	35	16·48	6·33	38	16·46	6·73	41
J.	16·09	7·10	44	16·16	5·61	35	16·06	5·74	36	16·04	6·77	42
A.	14·56	6·42	44	14·60	4·90	34	14·54	5·29	36	14·53	6·26	43
S.	12·63	5·20	41	12·64	4·47	35	12·63	4·83	38	12·63	5·07	40
O.	10·65	3·42	32	10·63	2·48	23	10·66	3·03	28	10·67	3·29	31
N.	8·83	2·37	27	8·78	1·70	19	8·86	2·23	25	8·87	2·13	24
D.	7·82	1·55	20	7·74	0·77	10	7·85	1·42	18	7·87	1·35	17
Y.	12·21	4·67	38	12·22	3·57	29	12·21	4·04	33	12·21	4·33	35
MONTHS.	Cullompton. 50° 51' N. 3° 23' W. 202 ft. + 42 ft. Devon.			Plymouth. 50° 22' N. 4° 8' W. 116 ft. + 11 ft. Devon.			Rousdon. 50° 43' N. 3° 0' W. 515 ft. + 3 ft. Devon.			Salcombe. 50° 14' N. 3° 46' W. 39 ft. + 5 ft. Devon.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8·44	1·52	18	8·50	1·71	20	8·46	2·10	25	8·51	1·94	23
F.	9·94	2·45	25	9·98	2·80	28	9·95	3·23	32	9·98	3·05	31
M.	11·81	3·84	33	11·81	4·29	36	11·81	4·35	37	11·81	4·58	39
A.	13·74	5·23	38	13·71	5·83	43	13·73	5·60	41	13·71	5·97	44
M.	15·44	6·35	41	15·37	7·00	46	15·42	7·06	46	15·36	7·29	47
J.	16·36	6·47	40	16·27	7·03	43	16·33	7·10	43	16·26	7·67	47
J.	15·95	6·06	38	15·88	6·84	43	15·93	6·84	43	15·86	7·39	47
A.	14·47	5·81	40	14·43	6·39	44	14·46	6·23	43	14·42	6·97	48
S.	12·61	4·83	38	12·61	5·33	42	12·61	5·37	43	12·61	5·50	44
O.	10·69	2·94	27	10·71	3·52	32	10·70	3·61	34	10·71	3·65	34
N.	8·94	1·97	22	8·99	2·33	26	8·96	2·73	30	8·90	2·43	27
D.	7·96	1·23	15	8·04	1·58	20	7·99	1·77	22	8·05	1·81	22
Y.	12·20	4·06	33	12·20	4·56	37	12·20	4·67	38	12·20	4·86	40



TABLE 4.—NORMAL DAILY SUNSHINE (1881-1915)—*continued*.

ENGLAND, S.W., AND IRELAND, N. &amp; S.

MONTHS.	Torquay. 50° 28' N. 3° 31' W. 12 ft. + 8 ft. Devon.			Woolacombe. 51° 10' N. 4° 12' W. 59 ft. + 6 ft. Devon.			Falmouth. 50° 25' N. 5° 4' W. 167 ft. + 34 ft. Cornwall.			Newquay. 50° 25' N. 5° 4' W. 189 ft. + 15 ft. Cornwall.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.48	1.97	23	8.39	1.81	21	8.53	1.87	22	8.49	1.81	21
F.	9.96	3.12	31	9.91	2.80	28	9.99	2.98	30	9.97	2.80	28
M.	11.81	4.48	38	11.80	4.32	36	11.81	4.45	38	11.81	4.32	37
A.	13.72	6.07	44	13.76	5.93	43	13.70	6.13	45	13.71	5.87	43
M.	15.39	7.42	48	15.48	6.97	45	15.35	7.45	48	15.38	7.10	46
J.	16.30	7.43	46	16.32	7.43	46	16.24	7.37	45	16.28	7.17	44
J.	15.90	7.35	46	16.00	6.55	41	15.84	7.26	46	15.89	6.77	43
A.	14.42	6.74	47	14.50	6.06	42	14.41	6.81	47	14.44	6.48	45
S.	12.61	5.27	42	12.62	5.20	41	12.60	5.43	43	12.61	5.37	43
O.	10.71	3.48	33	10.68	3.42	32	10.72	3.74	35	10.71	3.71	35
N.	8.98	2.43	27	8.90	2.33	26	9.01	2.53	28	8.99	2.50	28
D.	8.02	1.94	24	7.91	1.58	20	8.07	1.77	22	8.03	1.61	21
Y.	12.20	4.82	40	12.21	4.54	37	12.20	4.82	39	12.20	4.63	38
MONTHS.	Markree Castle. 54° 11' N. 8° 27' W. 112 ft. + 16 ft. Sligo.			Armagh. 54° 21' N. 6° 39' W. 204 ft. + 50 ft. Armagh.			Phoenix Park, Dublin. 53° 22' N. 6° 21' W. 155 ft. + 40 ft. Dublin.			Trinity College, Dublin. 53° 21' N. 6° 16' W. 12 ft. + 15 ft. Dublin.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	7.93	1.35	17	7.90	1.42	18	8.06	1.84	23	8.06	1.23	15
F.	9.96	2.20	22	9.64	2.23	23	9.73	2.62	27	9.73	2.02	21
M.	11.77	3.42	29	11.77	3.35	29	11.78	3.97	34	11.78	3.52	30
A.	13.97	4.97	36	13.98	4.90	35	13.91	5.50	40	13.91	4.90	35
M.	15.91	5.87	37	15.94	5.84	37	15.79	6.61	42	15.79	6.23	39
J.	16.99	5.53	33	17.03	5.60	33	16.83	6.30	37	16.83	6.17	37
J.	16.51	4.39	27	16.54	4.71	28	16.36	5.48	33	16.36	5.32	33
A.	14.80	4.23	29	14.82	4.29	29	14.72	5.23	36	14.72	5.10	35
S.	12.69	3.70	29	12.69	3.97	31	12.67	4.63	37	12.67	4.30	34
O.	10.51	2.84	27	10.50	2.87	27	10.56	3.35	32	10.56	2.90	27
N.	8.51	1.87	22	8.49	2.00	24	8.62	2.37	28	8.62	1.57	18
D.	7.37	1.06	14	7.34	1.19	16	7.53	1.55	21	7.53	0.97	13
Y.	12.23	3.46	28	12.23	3.54	29	12.23	4.13	34	12.23	3.69	30

TABLE 4.—NORMAL DAILY SUNSHINE. (1881-1915)—*continued*.

IRELAND, S. AND ENGLISH CHANNEL.

MONTHS.	Birr Castle. 53° 6' N. 7° 55' W. 175 ft. + 48 ft. King's Co.			Limerick (Mungret College). 52° 38' N. 8° 41' W. 55 ft. + Limerick.			Cahiriveen, Valencia Obs. 51° 56' N. 10° 15' W. 30 ft. + 42 ft. Kerry.			Ballinacurra. 51° 52' N. 8° 10' W. 24 ft. + 4 ft. Cork.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.10	1.61	20	8.16	1.77	22	8.26	1.55	19	8.30	1.84	22
F.	9.75	2.41	25	9.79	2.60	27	9.85	2.48	25	9.86	2.77	28
M.	11.78	3.55	30	11.79	3.84	33	11.79	3.97	34	11.80	4.45	38
A.	13.89	5.13	37	13.86	5.10	37	13.82	5.33	39	13.80	5.60	41
M.	15.75	5.87	37	15.69	6.52	42	15.60	6.55	42	15.56	6.68	43
J.	16.77	5.47	33	16.70	5.93	36	16.57	6.27	38	16.52	6.37	39
J.	16.31	4.65	28	16.25	5.04	31	16.13	5.13	32	16.03	5.77	36
A.	14.69	4.58	31	14.65	4.77	33	14.59	5.00	34	14.56	4.90	34
S.	12.66	4.20	33	12.66	4.33	34	12.64	4.43	35	12.63	4.40	35
O.	10.58	3.16	30	10.60	3.03	29	10.63	3.26	31	10.65	3.16	30
N.	8.66	2.13	25	8.71	2.02	23	8.80	2.17	25	8.83	2.03	23
D.	7.58	1.39	18	7.65	1.51	20	7.77	1.32	17	7.82	1.39	18
Y.	12.22	3.68	30	12.22	3.89	32	12.22	3.96	32	12.21	4.12	34
MONTHS.	Brooklyn. 49° 27' N. 2° 31' W. 295 ft. + 22 ft. Guernsey.			Villa Carey. 49° 27' N. 2° 32' W. 180 ft. + 45 ft. Guernsey.			Fort Regent, St. Helier's. 49° 11' N. 2° 6' W. 25 ft. + 5 ft. Jersey.			St. Mary's. 49° 56' N. 6° 18' W. 131 ft. + 15 ft. Scilly.		
	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.	Length of Day.	Bright Sun- shine.	Per cent.
	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%	hr.	hr.	%
J.	8.62	2.00	23	8.62	1.94	23	8.66	2.19	25	8.56	1.94	23
F.	10.04	3.05	30	10.04	3.05	30	10.06	3.30	33	10.00	2.98	30
M.	11.82	4.77	40	11.82	4.81	41	11.82	4.74	40	11.81	4.55	39
A.	13.66	6.37	47	13.66	6.37	47	13.64	6.47	47	13.69	6.13	45
M.	15.27	8.10	53	15.27	8.00	53	15.23	7.81	51	15.32	7.45	49
J.	16.13	8.13	50	16.13	8.07	50	16.07	7.90	49	16.21	7.57	47
J.	15.75	8.13	52	15.75	8.06	51	15.71	7.94	51	15.81	6.94	44
A.	14.35	7.81	55	14.35	7.87	55	14.33	7.74	53	14.40	6.94	48
S.	12.59	6.10	48	12.59	6.20	49	12.59	6.20	49	12.60	5.50	44
O.	10.76	4.06	38	10.76	4.16	39	10.76	4.06	38	10.73	3.84	36
N.	9.09	2.30	25	9.09	2.27	25	9.13	2.53	28	9.04	2.43	27
D.	8.17	1.84	23	8.17	1.71	21	8.21	1.87	23	8.10	1.77	22
Y.	12.19	5.23	43	12.19	5.22	43	12.19	5.24	43	12.20	4.84	40



## NOTES ON THE TABLES.

The preceding pages, forming Section I of the *Book of Normals of Meteorological Elements for the British Isles*, contain monthly and annual average of temperature, rainfall and sunshine for the period of 35 years ending 1915. This section may be regarded as the successor of Appendix IV of the Weekly Weather Report, 1913, which gave for temperature and rain the corresponding figures for the 35 years ending 1910 and for sunshine for the 30 years to the same date. The year 1881 now taken as the starting point for the three elements is convenient because the Campbell-Stokes Sunshine Recorder was coming into use at that date. By cutting out the five years 1876-1880 the number of stations with unbroken records of temperature is considerably increased.

The use of the word "normal" implies that the averages used are for a period of such length that they will form a satisfactory basis of reference, though it is not to be supposed that the effects of chance in the selection of the particular group of years has been eliminated. There is a theoretical advantage in the choice of 35 years for taking the average as there is some evidence for the recurrence of weather in Brückner's 35-year\* cycle and it is convenient that any departure from normal which has that period should be eliminated.

In the case of temperature actual comparison of results obtained by averaging over different periods shows that there may be a variation of as much as 1° F. in the monthly means. For example, at Oxford the mean maximum and mean minimum for the period 1871-1900 (*Temperature Tables for the British Islands*, p. 94) were 43·7° and 34·0° in December, whereas for 1881-1915 the corresponding figures are 44·6° and 35·1°. For other months the differences at this station are much smaller, however.

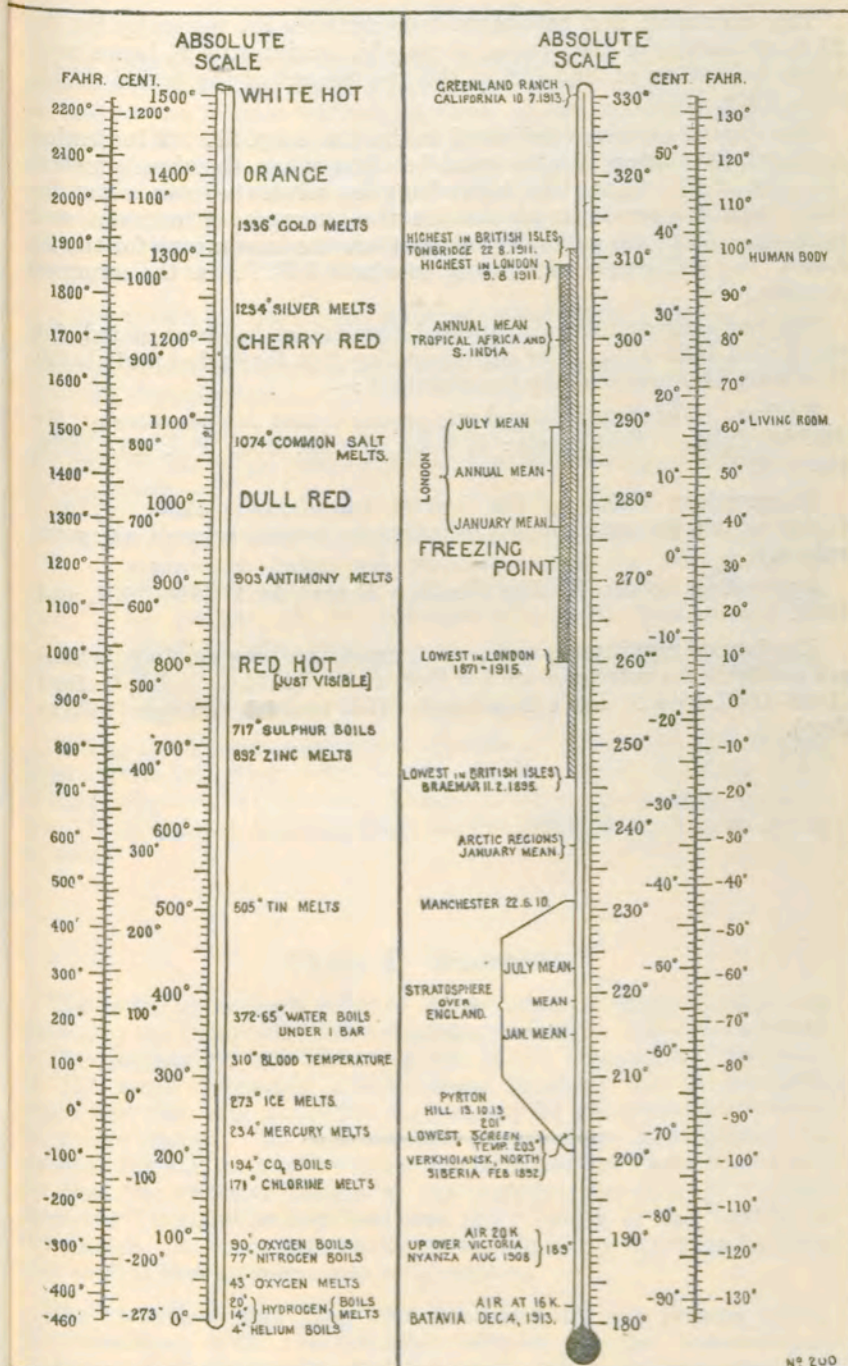
In the tables the geographical position of each station is given. In cases where the station has moved the height entered is usually that of its last position. In Tables 1-3 the height refers to the site of the rain gauge and is estimated from Mean Sea Level, the necessary correction, a deduction of 7 ft., being applied to measurements from the Irish ordnance datum. The term "county" is interpreted freely as in the cases of Hebrides, Manchester and Scilly. The order in which the stations are arranged is that of the Monthly Weather Report:—Scotland, Isle of Man, England (Eastern Districts, Midlands, Western Districts), Ireland, Channel Islands.

## Tables 1 and 2.—Temperatures.

In Table 1, temperature is expressed in degrees Fahrenheit. In Table 2 the same data are set out in terms of the Absolute or Kelvin Scale, which is reckoned from the Absolute Zero, and on which the Freezing Point of water is 273a, whilst the degree is equal to that of the Centigrade Scale. Conversion tables are printed in the *Computer's Handbook*. The scales are compared in the diagram on p. 85.

The thermometers are in most cases in Stevenson Screens in the open but at the observatories at Richmond (Kew Observatory), Cahirciveen (Valencia Observatory), Aberdeen, Falmouth and Glasgow the readings refer to louvered screens on north walls; that at Aberdeen is 41 ft. above ground, the others at 10 ft. or less. At Greenwich and Camden Square, London, the thermometers are in the shade but not shielded from indirect radiation, and the same remark applied to the exposure at Wilton House, Salisbury, up to 1907.

\* Klimaschwankung seit 1700. Vienna, 1890.



TEMPERATURE SCALES IN PHYSICS AND METEOROLOGY.



The maximum and minimum temperatures are generally for the 24 hours ending at 21h., but at telegraphic stations the 24 hours were taken as ending at 8h. during the greater part of the period (at 7h. since July, 1908).

The type of station is indicated in the list on p. 89. T indicating a telegraphic station, N a "normal" station when the thermometers were set at 21h. A an "auxiliary" station when they were set at 9h. The mean temperatures shown are the averages of maxima and minima. These are generally higher than the true means for the 24 hours, the difference amounting to about 0.3° F. in the summer months.

The temperature normals collected here are, as has been stated, for the period 1881-1915. For corresponding data for earlier periods the following publications may be consulted:—

Buchan. *The mean atmospheric pressure and temperature of the British Isles*. (Edinburgh: J. Scot, Meteor. Soc., Vol. XI., 1898, pp. 3-42.)

*Temperature Tables of the British Islands, 1871-1900*. (These tables contain the extreme temperatures on record as well as mean values.)

Appendices to the *Weekly Weather Report*, 1891, 1896, 1901, and 1906.

The longest continuous series of temperature observations which are available for reference are for Greenwich (1774 to date), Oxford (1828-1836, 1854 to date), Edinburgh (1769 to date), Armagh (1833 to date).

### Table 3.—Rainfall.

The rainfall measurements refer generally to 8-inch or 5-inch gauges with the rims about 1 ft. above ground. For the M.O. Observatories the records utilised are those of the Beckly autographic gauges. As to exposure, it may be noted that at some of the coast stations the gauges are near the tops of cliffs where wind eddies reduce the amount of rain intercepted by the gauge. The effect is that the recorded amounts for the winter months are too small. The places to which this remark applies are:—Cromer, Blacksod Pt., Donaghadee, Malin Head, Portland Bill and St. Ann's Head.

A day of rain has been taken as one on which even .01 inch (.2mm.) was recorded. The number of raindays is not available for certain stations for which the other data have been furnished by the British Rainfall Organization.

The normals set out here are for the period 1881-1915. For earlier periods the following publications of the Meteorological Office may be consulted:—

1. *Rainfall Tables of the British Islands, 1866-1890* (No. 114), containing individual monthly values for 366 places for 1866-1880 and for 492 places for 1881-1890. [The maps, by Buchan, in Bartholomew's Atlas of Meteorology are based on these tables.]
2. Appendices to the *Weekly Weather Report*, 1891, 1896, 1901, 1906 and 1913.

Among the longest continuous records of rainfall in the British Isles are the following:—Greenwich (1815 to date), Spalding (1829 to date), Exeter (1817 to date), Kendal (1788 to date), Mull of Kintyre (1813 to date), Markree Observatory (1835 to date), Armagh (1836 to date).

### Table 4.—Sunshine.

The sunshine normals refer to the duration of bright sunshine as shewn by the Campbell-Stokes sunshine-recorder. The rules adopted in interpreting the records are given in the Observer's Handbook. In the most favourable circumstances sunshine can be recorded when the sun is 3° above the horizon, say 20 minutes after sunrise or before sunset; but this implies a very clear atmosphere. In general, for half an hour at either end of a fine day there is no trace. So that the effective length of the possible duration of "bright sunshine" is about an hour less than the "length of day" given in the Tables. At some stations the restriction of the exposure by hills, etc., should also be taken into consideration.

The "length of day" has been computed for the present tables. In accordance with the principle adopted in the International Meteorological Tables the day has been taken as beginning and ending when the centre of the sun is apparently on the horizon, due allowance being made for refraction. In estimating the "possible" with which duration of sunshine has been compared in M.O. publications hitherto, the correction for refraction was ignored and the time the upper edge of the sun passed the horizon was utilised.



The new "length of day" averages 12.2 hr. whereas the old "possible" averaged 12.1 hr. The data given in the present table will be utilised in the Monthly and Weekly Weather Reports for 1920.

The height of the sunshine recorder is given as the sum of two figures, the first being the height of the ground above Mean Sea Level, the second that of the recorder above ground.

### Weighting of incomplete data.

At certain stations the actual observations do not cover the whole period of 35 years. In those cases the number of years of the record, which in each case runs up to 1915, is given in the list on p. 89. The averages for these stations have been "weighted" to render them comparable with those for stations for which complete data are available. In a few cases in which satisfactory comparisons could not be made the averages quoted are the unweighted ones for the years over which the records extend.

For details of the method by which the "weights" applied to the temperature tables have been arrived at reference should be made to the Supplement to *Temperature Tables of the British Isles* (No. 154, 1902).

The "weights" applied in the case of rainfall have been arrived at by comparing the observed fall with that for a corresponding period at a neighbouring station, possessing records for 35 years, it being assumed that, in the long run, the ratio of the amounts recorded at the two stations is constant. (See Hann, *Lehrbuch der Meteorologie* Ed. 1906, p. 243.) Sunshine has been similarly dealt with.

### LIST OF STATIONS

giving the lengths of the local records available and also the stations used for weighting the incomplete records.

STATION.	Type of Station.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.
		Years.	Weighted with.	Years.	Weighted with.	Years.	Weighted with.	
SCOTLAND, N.								
Lerwick ... ..	T	35	—	35	—	—	—	Sumburgh Head '81-'11. Lerwick '11-'15.
Deerness ... ..	N	35	—	35	—	35	—	Sandwick '81-'85. Swanbister '86-'90. Deerness '91-'15.
Stornoway ... ..	T	35	—	35	—	35	—	
Wick ... ..	T	35	—	35	—	—	—	
Dunrobin ... ..	N	35	—	35	—	—	—	
Glencarron ... ..	N	30	unw.	31	unw.	—	—	
Strathpeffer ... ..	N	30	unw.	30	13	26	15 and 3	
Fort Augustus ... ..	N	30	unw.	32	unw.	28	3, 39 and 15.	
Fort William... ..	N	30	unw.	35	—	—	—	
Glenquoich ... ..	A	—	—	35	—	—	—	
Inverness ... ..	N	—	—	35	—	—	—	
Kingussie ... ..	N	20	17	—	—	—	—	
SCOTLAND, E.								
Nairn ... ..	T	35	—	35	—	—	—	
Gordon Castle ... ..	N	35	—	35	—	—	—	
Aberdeen ... ..	N	35	—	35	—	35	—	King's College. N. wall screen at 41 ft.
Balmoral ... ..	A	—	—	35	—	—	—	
Braemar ... ..	N	35	—	35	—	—	—	
Logie Coldstone ... ..	N	—	—	35	—	—	—	
Crathes ... ..	A	14	15	15	15	12	15	
Balruddery ... ..	N	15	21	15	21	15	15	
Dundee ... ..	N	35	—	35	—	—	—	E. Necropolis.
Crieff ... ..	N	35	—	35	—	—	—	
Perth ... ..	N	35	—	35	—	—	—	
Stronvar ... ..	A	—	—	35	—	—	—	
Blackford Hill, Edinburgh.	N	20	27	20	27	15	28	
Edinburgh University	N	—	—	35	—	—	—	
Leith ... ..	T	35	—	35	—	—	—	
Marchmont ... ..	N	35	—	35	—	35	—	
W. Linton ... ..	A	8	28	—	—	—	—	
Kelso ... ..	A	—	—	35	—	—	—	
Wolfelee ... ..	N	—	—	35	—	—	—	
SCOTLAND, W.								
Islay Eallabus ... ..	R	—	—	35	—	—	—	
Mull Quinish ... ..	R	—	—	35	—	—	—	
Poltalloch ... ..	N	35	—	35	—	—	—	
Rothsay ... ..	N	35	—	35	—	—	—	
Bucklyvie ... ..	N	—	—	35	—	—	—	
Greenock ... ..	A	35	—	35	—	—	—	
Paisley ... ..	N	30	unw.	35	—	—	—	
Glasgow ... ..	N	35	—	35	—	35	—	N. wall screen.
Colmonell ... ..	A	8	44	35	—	—	—	



No.	STATION.	Type of Station.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.
			Years.	Weighted with.	Years.	Weighted with.	Years.	Weighted with.	
SCOTLAND, W.—cont.									
41	Kilmarnock ... ..	A	8	39	14	39	—	—	
42	Drumlanrig ... ..	N	—	—	35	—	—	—	
43	Dumfries ... ..	N	35	—	35	—	—	—	
44	Cally ... ..	N	35	—	35	—	—	—	
45	Cargen ... ..	N	—	—	35	—	—	—	
ISLE OF MAN.									
46	Douglas ... ..	N	35	—	35	—	35	—	Crankbourne '81-'0 Cemetery '08
ENGLAND, N.E.									
47	Alnwick Castle ... ..	A	35	—	35	—	—	—	
48	Cockle Park ... ..	N	18	47	31	47	18	50 and 28	
49	Tynemouth ... ..	T	35	—	35	—	—	—	N. Shields, urban roundings, pre station is on c
50	Durham ... ..	N	35	—	35	—	35	—	
51	Ampleforth ... ..	A	12	55	12	55	—	—	
52	Rounton ... ..	N	33	50	15	55	—	—	
53	Scarborough ... ..	N	35	—	35	—	17	50 and 55	
54	Whitby ... ..	N	28	53	35	—	11	50	
55	York ... ..	N	35	—	35	—	35	—	
56	Hull ... ..	N	35	—	35	—	12	55	
57	Spurn Head ... ..	T	35	—	35	—	—	—	
58	Fulbeck ... ..	A	15	85	25	59	—	—	
59	Lincoln ... ..	A	28	85	35	—	—	—	
60	Rauceby ... ..	A	13	85	35	—	13	87	
61	Skegness ... ..	A	12	57	12	57	12	64	
ENGLAND, E.									
62	Cromer ... ..	A	13	66	15	66	13	64	
63	Geldeston ... ..	N	35	—	35	—	35	—	
64	L. Massingham ... ..	A	35	—	35	—	35	—	Hillington '81-'12 L.M. '12
65	Norwich ... ..	A	13	66	35	—	—	—	
66	Yarmouth ... ..	T	35	—	35	—	—	—	
67	Felixstowe ... ..	A	17	68	15	66	11	63	
68	Lowestoft ... ..	N	35	—	35	—	16	63	
69	Cambridge ... ..	N	35	—	35	—	35	—	Observatory '81-'0 Botanic Gardens '0 Near Woburn.
70	Aspley Guise... ..	A	—	—	—	—	35	—	
71	Woburn ... ..	A	17	74	17	74	—	—	
72	Bennington ... ..	N	31	74	30	74	—	—	
73	Berkhamsted... ..	A	30	74	35	—	10	69	Rosemount. N.E. of valley.
74	Rothamsted ... ..	A	35	—	35	—	25	69	
75	Clacton-on-Sea ... ..	T	15	66	15	76	11	63	
76	Shoeburyness ... ..	A	28	104	35	—	—	—	
77	Southend ... ..	A	10	104	35	—	10	104	

No.	STATION.	Type of Station.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.
			Years.	Weighted with.	Years.	Weighted with.	Years.	Weighted with.	
MIDLAND COUNTIES.									
78	Garforth ... ..	N	12	55	10	55	12	55	Hesley Hall.  Edgbaston. Radcliffe Observatory.  Stokesay '81-'10. Wistanstow '11-'15. Belmont Priory.
79	Harrogate ... ..	A	30	55	35	—	15	55 and 137	
80	Sheffield ... ..	N	30	87	35	—	18	87	
81	Wakefield ... ..	A	—	—	35	—	—	—	
82	Belper ... ..	A	35	—	35	—	—	—	
83	Buxton ... ..	N	35	—	35	—	—	—	
84	Bawtry ... ..	A	35	—	35	—	—	—	
85	Nottingham ... ..	T	35	—	35	—	12	87	
86	Strelley ... ..	A	—	—	35	—	35	—	
87	Hodsock, Worksop ...	N	35	—	35	—	35	—	
88	Belvoir Castle ... ..	N	20	85	35	—	10	87	
89	Raunds ... ..	A	9	69	10	69	—	—	
90	Birmingham ... ..	N	29	85	35	—	29	92	
91	Coventry ... ..	A	22	85	35	—	10	92	
92	Oxford ... ..	N	35	—	35	—	35	—	
93	Cheadle ... ..	A	35	—	35	—	—	—	
94	Shrewsbury ... ..	N	12	85	12	90	—	—	
95	Wistanstow ... ..	N	13	96	35	—	—	—	
96	Hereford ... ..	A	35	—	35	—	—	—	
97	Ross-on-Wye ... ..	N	35	—	35	—	—	—	
98	Cheltenham ... ..	A	35	—	35	—	—	—	
99	Cirencester ... ..	A	35	—	35	—	35	—	
100	Clifton ... ..	A	23	128	35	—	—	—	
ENGLAND, S.E.									
London District.									
101	Camden Square ... ..	N	35	—	35	—	—	—	N. wall screen.
102	Tottenham ... ..	N	—	—	—	—	9	105	
103	Bunhill Row... ..	A	—	—	—	—	35	—	
104	Greenwich ... ..	N	35	—	35	—	35	—	
105	Richmond (Kew Observatory).	N	35	—	35	—	35	—	
106	Westminster ... ..	A	—	—	—	—	33	105	
107	St. James's Park ... ..	A	11	101	11	101	—	—	
108	Broadstairs ... ..	A	—	—	12	109	15	117	
109	Dungeness ... ..	T	35	—	31	109	—	—	
	Margate ... ..	A	35	—	35	—	24	63 and 117	
110	Ramsgate ... ..	A	—	—	—	—	12	117	
111	Sevenoaks ... ..	A	—	—	32	105	—	—	
112	Tunbridge Wells ... ..	A	25	unw.	35	—	23	105	
113	Wisley ... ..	A	12	105	11	105	12	105	
114	Bognor ... ..	A	18	119	18	119	11	125	
115	Brighton ... ..	A	35	—	35	—	26	125 and 117	
116	Eastbourne ... ..	N	35	—	35	—	30	117	
117	St. Leonards ... ..	N	35	—	35	—	35	—	
118	Westbourne ... ..	A	—	—	—	—	10	125	
119	Worthing ... ..	A	35	—	35	—	17	117 and 125	
120	Reading ... ..	N	12	92	23	92	—	—	Leighton Park.
121	Wokingham ... ..	A	35	—	—	—	—	—	
122	Bournemouth ... ..	A	15	124	10	125	12	125	
123	Grayshott ... ..	A	15	unw.	15	124	15	125	
124	Portsmouth ... ..	A	35	—	35	—	—	—	
125	Southampton ... ..	N	35	—	35	—	35	—	



No.	STATION.	Type of Station.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.
			Years.	Weighted with.	Years.	Weighted with.	Years.	Weighted with.	
ISLE OF WIGHT.									
126	Totland Bay ...	A	27	125	35	—	14	125	
127	Ventnor ...	A	35	—	35	—	19	125	
128	Marlborough...	A	35	—	35	—	35	—	
129	Wilton Ho. (Salisbury).	N	35	—	35	—	—	—	
ENGLAND, N.W.									
130	Aspatia ...	N	15	137	24	44	14	46	
131	Newton Rigg ...	N	16	50	25	137	26	137	Newton Reigny '81-'03 Newton Rigg '04-'15
132	Scaleby ...	A	35	—	35	—	—	—	
133	Seathwaite ...	R	—	—	35	—	—	—	
134	Blackpool ...	A	35	—	35	—	15	136	In Borrowdale.
135	Carnforth ...	A	11	134	11	137	10	137	
136	Southport ...	N	35	—	35	—	20	137	
137	Stonyhurst ...	N	35	—	35	—	35	—	N. wall screen '81-'14 Stevenson '12-'15
138	Liverpool (Bidston)...	N	35	—	35	—	—	—	
139	Manchester (Whitworth Park).	N	12	138	12	140	12	137	
140	Manchester (Oldham Road).	N	12	138	35	—	10	137	
141	Hawarden Bridge ...	A	15	138	25	138	—	—	
142	Hoylake ...	A	17	138	17	138	18	46	
143	Macclesfield ...	A	35	—	35	—	—	—	
NORTH WALES.									
144	Rhyl ...	A	11	146	30	146	14	46	
145	Holyhead ...	T	35	—	35	—	—	—	
146	Llandudno ...	N	35	—	35	—	18	46	Newsite 1916. Height now 16 ft. above M.S.L.
147	Bettws-y-Coed ...	N	12	146	—	—	—	—	
148	Aberdovey ...	A	10	151	—	—	11	151	
SOUTH WALES.									
149	Aberystwyth ...	A	—	—	—	—	10	151	
150	Aberystwyth Goggedan	R	—	—	35	—	—	—	
151	St. Ann's Head ...	T	35	—	35	—	35	—	
152	Haverfordwest ...	A	—	—	—	—	14	151	
153	Tenby ...	A	—	—	—	—	17	151	
154	Gwernyfed Park ...	A	22	96	26	96	—	—	
155	Llangammarch Wells	A	20	unw.	20	unw.	10	unw.	
156	Cardiff ...	N	12	151	35	—	—	—	
157	Port Talbot ...	A	—	—	—	—	13	151	
ENGLAND, S.W.									
158	Bath ...	A	17	92	35	—	16	92	
159	Weston-super-Mare...	A	35	—	35	—	—	—	
160	Portland Bill...	T	16	165 and 127	16	171	—	—	

No.	STATION.	Type of Station.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.
			Years.	Weighted with.	Years.	Weighted with.	Years.	Weighted with.	
ENGLAND, S.W. (cont.).									
161	Shaftesbury ... ..	A	21	125	35	—	—	—	
162	Arlington ... ..	A	35	—	35	—	—	—	
163	Ashburton ... ..	A	35	—	35	—	—	—	
164	Cullompton ... ..	A	35	—	35	—	35	—	
165	Ilfracombe ... ..	A	35	—	35	—	—	—	
166	Plymouth ... ..	N	35	—	35	—	35	—	
167	Princetown ... ..	A	20	unw.	20	unw.	—	—	
168	Rowsdon ... ..	A	20	166	35	—	10	164	
169	Salcombe ... ..	A	—	—	—	—	10	166	
170	Sidmouth ... ..	A	35	—	35	—	—	—	
171	Teignmouth ... ..	A	35	—	35	—	—	—	
172	Torquay ... ..	A	35	—	35	—	16	166	
173	Woolacombe ... ..	N	20	162	20	162	20	151	
174	Falmouth ... ..	N	35	—	35	—	35	—	
175	Newquay ... ..	A	23	174	23	174	24	174	
IRELAND, N.									
176	Markree Castle ...	N	35	—	35	—	35	—	
177	Enniscroe Ho., near Crossmolina.	R	—	—	35	—	—	—	
178	Blacksod Pt. ...	T	30	unw.	30	unw.	—	—	
179	Gardenfield Ho., near Tuarn.	R	—	—	35	—	—	—	
180	Malin Hd. ...	T	30	unw.	30	unw.	—	—	
181	Convoy Ho., near Raphoe.	R	—	—	35	—	—	—	
182	Belfast ...	A	10	183	35	—	—	—	
183	Donaghadee ...	T	35	—	35	—	—	—	
184	Edenfield, near Omagh	R	—	—	35	—	—	—	
185	Armagh ...	N	35	—	35	—	35	—	
186	Greenore, Louth ...	R	—	—	35	—	—	—	
187	Belvidere, near Mullingar.	R	—	—	35	—	—	—	
IRELAND, S.									
188	Dublin City (Fitzw. Square).	N	35	—	35	—	—	—	
189	Dublin (Glasnevin)...	N	35	—	35	—	—	—	
190	Dublin (Phoenix Park).	N	35	—	35	—	35	—	
191	Dublin (Trinity Coll.)	N	12	188	12	188	12	90	
192	Birr Castle ...	T	35	—	35	—	35	—	Parsonstown.
193	Limerick (Mungret Coll.).	N	—	—	—	—	10	192	
194	Kilkenny ...	A	31	192	35	—	—	—	
195	Courtown Ho., near Gorey.	R	—	—	35	—	—	—	
196	Waterford ...	A	13	202	35	—	—	—	Rocklands.
197	Cahir ...	A	9	194	—	—	—	—	
198	Foynes ...	A	32	200	35	—	—	—	
199	Killarney ...	A	35	—	35	—	—	—	



No.	STATION.	TEMP.		RAINFALL.		SUNSHINE.		NOTES.	
		Type of Station.	Years.	Weighted with.	Years.	Weighted with.	Years.		Weighted with.
IRELAND, S.—cont.									
200	Cahirciveen (Val. Obs.)	N	35	—	35	—	35	—	Valencia Island '81-'92 Cahirciveen '92-'15
201	Ballinacurra ...	A	11	202	11	202	11	200	
202	Roches Point ...	T	35	—	35	—	—	—	
ENGLISH CHANNEL.									
203	Villa Carey (Guernsey)	A	15	204	10	204	11	206	
204	Brooklyn (Guernsey)	N	35	—	35	—	11	206	
205	St. Aubins (Jersey) ...	T	35	—	—	—	—	—	
206	Fort Regent (Jersey)	A	—	—	—	—	35	—	
207	St. Louis Obs. (Jersey)	N	23	unw.	23	unw.	—	—	
208	St. Mary's (Scilly) ...	T	35	—	35	—	35	—	

## 2. Reports of Investigations in Meteorology and Geophysics.

### (M) Geophysical Memoirs. (4to):—

#### VOL. I. :—

- Volume I containing Nos. 1-10, complete with title page, table of contents, and index, unstitched. 7s. Postage 9d.  
 No. 2. The Free Atmosphere in the Region of the British Isles. Second Report by W. H. Dines, F.R.S., with a Preface by W. N. Shaw, Sc.D., F.R.S., Director. (No. 210b. 1912.) 1s. Postage 3d.  
 No. 5. The International Kite and Balloon Ascents, by Ernest Gold, M.A., Superintendent of Statistics. (No. 210e. 1913.) 1s. 6d. Postage 5d.  
 No. 6. The Free Atmosphere in the Region of the British Isles. Third Report by W. H. Dines, F.R.S. (210f. 1914.) 3d. Postage 2d.

#### VOL. II. :—

- No. 11. The South Wales Tornado of October 27, 1913. (No. 220a. 1915.) 6d. Postage 2d.  
 No. 12. The Travel of Circular Depressions. By Sir Napier Shaw, F.R.S., Director. (No. 220b. 1917.) 9d. Postage 3d.  
 No. 13. The Characteristics of the Free Atmosphere. By W. H. Dines, F.R.S. (No. 220c. 1919.) 2s. Postage 2d.  
 No. 14. Soundings with Pilot Balloons in the Isles of Scilly, November and December, 1911. By Captain C. J. P. Cave and J. S. Dines, M.A. (No. 220d.) [In the Press.]  
 No. 15. The Climate and Weather of the Falkland Islands and South Georgia. By C. E. P. Brooks, M.Sc. (No. 220e.) [In the Press.]  
 No. 16. Aids to Forecasting: Types of Pressure Distribution, with Notes and Tables for the Fourteen Years 1905-18. By E. Gold, F.R.S. (No. 220f.) [In the Press.]

### (M) Professional Notes (8vo):—

- No. 1. On the Inter-relation of Wind Direction and Cloud Amount at Richmond (Kew Observatory). By Lt. David Brunt, R.E. (No. 232a. 1918.) 3d. Postage 1d.  
 No. 2. Notes on Examples of Katabatic Wind in the Valley of the Upper Thames at the Aerological Observatory of the Meteorological Office at Benson, Oxon. By E. V. Newnham, B.Sc. (No. 232b. 1918.) 3d. Postage 1d.  
 No. 3. Incidence of Fog in London, January 31st, 1918. By C. E. P. Brooks, M.Sc. (No. 232c. 1918.) 3d. Postage 1d.  
 No. 4. Upper Air Temperatures at Martlesham Heath, February 1917 to January 1918. By W. F. Stacey, Lieutenant, King's Own Royal Lancaster Regiment. (No. 232d. 1919.) Postage 1d.  
 No. 5. On the Use of the Normal Curve of Errors in Classifying Observations in Meteorology. By Captain E. H. Chapman, R.E. (No. 232e. 1919.) 6d. Postage 1d.  
 No. 6. The Variation of Wind Velocity with Height. By Captain E. H. Chapman, R.E. (No. 232f. 1919.) 1s. Postage 2d.  
 No. 7. The Climate of North-West Russia. (No. 232g. 1919.) 1s 6d. Postage 2d.