

M.O. 571

AIR MINISTRY  
METEOROLOGICAL OFFICE

AVERAGES OF TEMPERATURE  
FOR GREAT BRITAIN AND  
NORTHERN IRELAND

1921-50



LONDON: HER MAJESTY'S STATIONERY OFFICE

1953

TWO SHILLINGS NET

Decimal Index  
551. 524. 2(4 1/2)



M.O. 571

AIR MINISTRY

METEOROLOGICAL OFFICE

AVERAGES OF TEMPERATURE  
FOR GREAT BRITAIN AND  
NORTHERN IRELAND

1921-50

LONDON: HER MAJESTY'S STATIONERY OFFICE

1953

Decimal Index

551. 524. 2(41/2)



AVERAGES OF TEMPERATURE FOR GREAT BRITAIN  
AND NORTHERN IRELAND

1921-50

INTRODUCTION

This publication contains station averages, for each calendar month and for the year, of daily maximum, daily minimum and mean temperature, the latter being computed as the arithmetic mean of the maximum and minimum values.

The averages in Table I refer exclusively to the period 1921-50. Where necessary, values for any missing intervals, in no case exceeding 7 years in all, have been computed to complete a record by reference to the nearest station with comparable values. Thus in a simple case, if on the average the January temperature at station A has been  $0.1^{\circ}\text{F.}$  warmer than at station B during 25 years of overlapping records, then  $0.1^{\circ}\text{F.}$  has been added to each of the January values for station B where the record A is missing to give the probable values for station A. The actual period covered by the observations available at each station is printed at the head of the table. Where values for a few months were missing, these have been computed and this is indicated by an asterisk against the period of the record. Table I gives values for 206 stations.

Table II contains station averages for 15 additional stations. For these the missing records have not been estimated either because of the short record available or because the stations were too isolated to complete the record with any degree of confidence.

The stations fall into two main groups: (a) those which observe extremes for 24 hr. terminating usually at 9h. or 21h.; (b) those which observe day maximum and night minimum. The hours of setting and reading are stated at the head of the table in the case of those in group (a), while those in group (b) are indicated by the words "day" and "night". The terminal hours changed at the stations in the second group thus: in August 1944 the period covered by the maximum readings was changed from 7h.-18h. to 6h.-18h. and in January 1945 to 9h.-21h., while the period covered by the minimum changed at the same dates from 18h.-7h. to 18h.-6h. and then to 21h.-9h.

CONTENTS

	Page
Introduction.....	1
Table I - Monthly averages of maximum, minimum, and mean temperature, 1921-50.....	6
Table II - Monthly averages of maximum, minimum, and mean temperature; direct arithmetic mean for periods as stated.....	32
Index of stations.....	34



Observations. - The thermometers were mostly exposed in Stevenson screens over short grass, the bulbs of the thermometers being approximately 4 ft. above ground level. The height above mean sea level of the site to which the observations refer is given for each station. Where a change of site occurred the height printed generally refers to the site in use in 1950, but where such a change was a major one details are given in an appropriate footnote. At Kew Observatory the thermometers were in a louvered screen on a north wall, the bulbs being 10 ft. above ground. At Aberdeen Observatory, where records ceased at the close of 1947, a similar north-wall screen was in use, but it was 41 ft. above ground level. At Greenwich the thermometers were not shielded from indirect radiation prior to the installation of a Stevenson screen in January 1938, but corrections, based on comparisons made at the Observatory, have been applied to the averages to allow for this. At Camden Square, London, the thermometers were not shielded from indirect radiation before March 1922.

At many stations small changes of site or of hour of observation occurred during the period covered by the averages, but it has not been found possible to take account of such changes except in a few instances. For Oxford the data covering the period 1921-35 have been taken from the published tables for Radcliffe Observatory\*. For Southport corrections based on a direct comparison have been applied to the observations made at Hesketh Park from 1921-30 in computing averages for the site at Bedford Road Park. At Holyhead observation of day maximum and night minimum changed to observation of 24-hr. extremes from July 1941. From this date the observations at Valley have been regarded as a continuation of the earlier record at Holyhead and used to compute the averages. For Kilmarnock the 1950 observations from Springhill House have been regarded as continuous with those from Kay Park. For Plymouth (Mount Batten) the observations at Mount Wise from November 1946 to June 1948 have been regarded as continuous with those from Mount Batten before and after this period.

General Remarks. - The following points should be borne in mind when comparing the averages in Table I.

\* Results of meteorological observations made at the Radcliffe Observatory, Oxford, 54, Oxford, 1926; 55, Oxford, 1932; and 56, Oxford, 1937.

(i) For certain stations the maximum refers to the "day" period and the minimum to the "night" period; for other stations both maximum and minimum refer to 24-hr. periods.

(ii) Amongst stations where 24-hr. extremes are observed the terminal hour is not the same for all.

With regard to (i), the average night minimum is definitely higher than the average 24-hr. minimum, particularly when the 24-hr. minimum is observed at a morning hour such as 9h.; in winter months the difference may approach 2°F. at an inland station. On the other hand the day maximum tends to be lower than the 24-hr. maximum. Data derived from day-maximum and night-minimum observations, therefore, show a distinctly smaller daily range and a rather higher mean temperature than those derived from 24-hr. extremes. The differences are greatest at inland and smallest at coastal stations.

With regard to (ii), the averages of 24-hr. maxima observed in the evening tend to be higher than averages derived from observations made at a morning hour, while average minima show little difference whether observed at 9h. or 21h. though those observed at 7h. tend to be lower. The differences arising in this way are, however, relatively small, and it has therefore not been considered necessary, in preparing this series of averages, to regard a change of terminal hour for 24-hr. extremes as establishing a break in the record.

In Table A averages for the new period are compared with those for earlier 30-year periods at 7 representative stations with long records.

For the year the recent period 1921-50 was warmer than the two earlier periods at each station. There was little difference in the temperatures for the three periods during January, February, May, October and December while the remaining months were warmer during 1921-50. The winter of 1921-50 was somewhat colder, especially in England, than the earlier periods; the spring and autumn somewhat warmer and the summer appreciably warmer.



Table A. - Comparison of averages of mean temperature for different periods

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Plymouth Hoe													
1901-30	43.5	43.2	44.6	47.9	53.6	57.7	61.1	60.9	58.0	53.0	46.5	44.5	51.2
1906-35	43.6	43.2	44.6	48.0	53.8	58.1	61.3	61.2	58.3	53.1	46.7	44.6	51.4
1921-50	43.6	43.1	45.6	49.1	53.8	58.9	61.5	61.6	58.8	53.5	47.6	44.2	51.8
Eastbourne													
1901-30	41.7	41.3	43.5	46.9	53.2	57.4	61.2	61.5	58.3	52.9	45.9	43.1	50.6
1906-35	41.7	41.3	43.2	47.0	53.4	57.7	61.2	61.9	58.5	53.0	46.1	43.1	50.7
1921-50	41.3	41.1	43.7	48.0	53.3	58.6	62.3	62.5	59.4	53.2	46.5	42.2	51.0
Kew													
1901-30	40.4	40.7	43.2	47.1	54.5	59.0	62.8	61.7	57.3	50.9	43.5	41.4	50.2
1906-35	40.5	40.7	43.1	47.1	54.7	59.5	63.0	62.2	57.5	51.0	43.8	41.5	50.4
1921-50	40.1	40.4	43.8	48.3	54.3	60.2	63.8	62.8	58.3	51.2	44.5	40.8	50.7
Oxford													
1901-30	40.0	40.2	42.9	46.8	53.7	57.9	61.8	60.8	56.7	50.5	43.1	40.7	49.6
1906-35	40.1	40.1	42.8	46.9	53.9	58.3	61.9	61.3	56.9	50.5	43.4	40.8	49.7
1921-50	39.5	40.1	43.6	48.0	53.5	59.1	62.8	62.1	57.9	50.8	44.1	40.3	50.1
Southport													
1901-30	40.1	39.9	42.0	45.7	51.6	56.1	59.7	59.1	55.7	50.1	43.0	40.7	48.7
1906-35	40.2	40.1	42.0	45.9	51.7	56.3	59.8	59.5	55.9	50.2	43.2	40.9	48.8
1921-50	39.6	40.0	42.8	46.9	51.9	57.2	60.7	60.1	56.5	50.5	44.1	40.8	49.3
Morpeth (Cockle Park)													
1901-30	37.8	37.7	39.7	42.9	48.3	53.3	57.0	56.5	52.6	47.3	41.2	38.4	46.1
1906-35	37.9	38.1	39.7	43.1	48.5	53.5	57.3	56.8	52.7	47.5	41.4	38.8	46.3
1921-50	37.6	38.0	40.7	44.0	48.6	54.3	58.2	57.2	53.7	47.9	41.9	38.9	46.7
Aberdeen													
1901-30	38.8	38.9	40.3	43.1	48.0	52.9	56.3	55.9	52.5	47.6	41.9	39.4	46.3
1906-35	39.0	39.3	40.3	43.2	48.0	52.9	56.7	56.2	52.5	47.7	42.2	39.7	46.5
1921-50	38.7	39.3	41.2	44.0	48.1	53.8	57.6	56.7	53.2	48.0	42.7	40.2	47.0

Averages for earlier periods. - Averages have been published for earlier periods as set out below:-

Averages of temperature for the British Isles for periods ending 1935.

Averages of temperature for the British Isles for periods ending 1930.

The book of normals of meteorological elements for the British Isles for periods ending 1915. Section I, Monthly normals for stations (1881-1915), temperature, rainfall, sunshine.

Temperature tables for the British Isles. Daily means for the thirty years 1871 to 1900.

In the first two of these publications the average printed was the direct arithmetic mean of the observations available, no attempt being made to complete or "weight" averages for periods of less than 30 years to the standard period. The present volume continues the plan adopted in these publications of publishing means for thirty years, but owing to the incidence of the Second World War 1939-45 it has not been possible to compute averages at intervals of five years.



# AVERAGES OF TEMPERATURE

TABLE I - Monthly averages of maximum, minimum and mean temperature, 1921-50  
SCOTLAND, NORTH

Station County Latitude Longitude Above M.S.L. Years used	BALTASOUND Shetland Islands 60° 46'N. 0° 51'W. 31 ft. 1921-1947*			LERWICK Shetland Islands 60° 8'N. 1° 11'W. 269 ft. 1921-1950*			STORNOWAY Hebrides 58° 13'N. 6° 20'W. 11 ft.* 1921-1950		
Period covered by readings	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. day	Min. night	Mean
January	43.0	35.1	39.0	41.9	34.5	38.2	43.9	37.1	40.5
February	43.1	34.9	39.0	41.7	34.1	37.9	44.4	36.7	40.5
March	44.7	35.8	40.3	43.1	34.8	39.0	46.6	37.3	42.0
April	47.8	37.9	42.8	46.4	36.7	41.5	49.3	39.2	44.2
May	51.5	41.6	46.6	50.5	40.7	45.6	53.6	42.8	48.2
June	55.2	45.6	50.4	54.3	44.7	49.5	57.7	47.1	52.4
July	59.0	49.6	54.3	57.8	49.1	53.5	60.7	50.7	55.7
August	58.9	49.8	54.3	57.8	49.2	53.5	60.7	50.6	55.6
September	55.7	47.0	51.3	54.8	46.4	50.6	57.4	47.9	52.6
October	50.6	42.6	46.6	49.8	42.0	45.9	52.6	43.7	48.1
November	46.5	38.7	42.6	45.6	38.4	42.0	47.7	40.0	43.8
December	44.3	36.8	40.6	43.2	36.5	39.8	45.0	38.4	41.7
Year	50.0	41.3	45.7	48.9	40.6	44.7	51.6	42.6	47.1
Station County Latitude Longitude Above M.S.L. Years used	WICK Caithness 58° 27'N. 3° 5'W. 119 ft. 1921-1950*			ACHNASHELLACH Ross & Cromarty 57° 29'N. 5° 16'W. 225 ft. 1923-1950*			FORTROSE Ross & Cromarty 57° 35'N. 4° 8'W. 69 ft. 1921-1950		
Period covered by readings	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
January	42.3	35.5	38.9	43.2	32.9	38.0	43.4	34.0	38.7
February	42.9	35.3	39.1	43.9	33.1	38.5	44.3	34.3	39.3
March	44.9	36.2	40.6	47.5	34.6	41.1	47.8	35.9	41.8
April	47.8	38.2	43.0	51.2	37.2	44.2	51.8	39.0	45.4
May	51.4	41.9	46.6	57.8	41.3	49.5	58.6	43.1	49.9
June	56.0	46.0	51.0	61.4	46.3	53.8	61.7	47.8	54.7
July	59.5	50.0	54.8	63.5	50.3	56.9	64.8	51.9	58.3
August	59.1	49.9	54.5	63.0	49.3	56.1	64.0	51.2	57.6
September	56.9	47.3	52.1	59.0	45.8	52.4	60.1	47.6	53.8
October	51.9	43.3	47.6	53.1	41.4	47.2	53.7	42.6	48.1
November	46.7	39.4	43.0	46.9	35.9	41.4	47.4	37.4	42.4
December	43.7	37.3	40.5	44.1	34.0	39.1	44.3	35.3	39.8
Year	50.3	41.7	46.0	42.9	40.2	46.6	53.3	41.7	47.5

\* Values for a few months missing.  
† Height 79 ft. until November 1942.

† See Introduction.

# AVERAGES OF TEMPERATURE

TABLE I - Monthly averages of maximum, minimum and mean temperature, 1921-50  
SCOTLAND, NORTH AND EAST

Station County Latitude Longitude Above M.S.L. Years used	FORT AUGUSTUS Inverness-shire 57° 8'N. 4° 40'W. 68 ft. 1921-1947*			INVERNESS Inverness-shire 57° 26'N. 4° 13'W. 242 ft. 1926-1950†			GORDON CASTLE Morayshire 57° 37'N. 3° 5'W. 104 ft. 1921-1950			BANFF Banffshire 57° 40'N. 2° 31'W. 130 ft. 1926-1950†		
Period covered by readings	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
J.	43.0	32.5	37.8	42.6	33.8	38.2	43.2	33.4	38.3	42.3	34.1	38.2
F.	44.4	33.1	38.7	43.5	33.8	38.7	44.5	33.7	39.1	43.2	34.8	39.0
M.	47.9	34.5	41.2	46.7	35.5	41.1	48.1	35.0	41.6	46.5	36.3	41.4
A.	51.4	37.4	44.4	50.3	38.1	44.2	51.8	37.8	44.8	50.1	39.1	44.5
M.	56.3	41.7	49.0	55.4	42.1	48.8	57.3	42.1	49.7	54.7	43.2	49.9
J.	61.7	46.9	54.3	60.7	47.0	53.8	62.4	47.0	54.7	59.9	48.0	53.9
J.	64.0	51.0	57.5	63.4	51.4	57.4	65.5	51.3	58.4	63.5	52.1	57.8
A.	63.8	50.4	57.1	62.8	50.8	56.8	64.9	50.2	57.6	62.8	51.3	57.1
S.	59.6	46.3	52.9	58.6	47.3	52.9	60.6	46.8	53.7	59.3	48.4	53.9
O.	53.2	41.5	47.3	52.5	42.2	47.4	54.2	41.5	47.8	53.1	43.5	48.3
N.	47.0	35.9	41.4	46.6	37.1	41.8	47.3	37.0	42.2	46.8	38.4	42.6
D.	44.0	34.0	39.0	43.7	35.2	39.5	44.1	34.6	39.4	43.7	35.8	39.8
Y.	53.0	40.4	46.7	52.2	41.2	46.7	53.7	40.9	47.3	52.2	42.1	47.1
Station County Latitude Longitude Above M.S.L. Years used	ABERDEEN Aberdeenshire 57° 10'N. 2° 6'W. 79 ft. 1921-1947†			BALMORAL Aberdeenshire 57° 2'N. 3° 12'W. 927 ft. 1921-1950			BRAEMAR Aberdeenshire 57° 0'N. 3° 24'W. 1,111 ft. 1921-1950			CRAIBSTONE Aberdeenshire 57° 11'N. 2° 12'W. 300 ft. 1925-1950†		
Period covered by readings	Max. 0-24	Min. 0-24	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
J.	42.7	34.7	38.7	39.8	28.4	34.1	39.4	28.5	33.9	41.7	32.6	37.1
F.	43.3	35.2	39.3	40.6	29.1	34.9	40.3	28.7	34.5	42.4	33.1	37.8
M.	45.9	36.4	41.2	44.6	30.4	37.5	44.5	30.1	37.3	45.9	34.6	40.2
A.	49.2	38.8	44.0	48.8	33.7	41.2	48.4	33.6	41.0	49.4	37.0	43.2
M.	53.4	42.8	48.1	55.2	37.4	46.3	55.1	37.5	46.3	54.4	40.8	47.6
J.	59.6	47.9	53.8	61.4	42.9	52.1	61.2	42.8	52.0	60.3	45.4	52.9
J.	63.0	52.2	57.6	63.9	47.4	55.6	63.7	47.5	55.6	63.5	49.8	56.6
A.	62.1	51.3	56.7	62.9	45.9	54.4	62.2	46.1	54.2	62.8	49.2	56.0
S.	58.7	47.8	53.2	58.1	42.6	50.4	57.6	42.3	49.9	59.1	46.1	52.6
O.	52.7	43.3	48.0	51.0	37.5	44.3	50.7	37.6	44.1	52.6	41.5	47.0
N.	46.9	38.5	42.7	44.0	32.2	38.1	43.6	32.3	38.0	46.1	36.7	42.4
D.	44.1	36.3	40.2	41.0	30.3	35.7	40.7	30.4	35.5	42.8	34.4	38.6
Y.	51.8	42.1	47.0	50.9	36.5	43.7	50.6	36.5	43.5	51.7	40.1	45.9

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50

SCOTLAND, EAST

	LOGIE COLDSTONE Aberdeenshire 57° 8'N. 2° 55'W. 608 ft. 1921-40*; 1946-50†			ARBROATH Angus 56° 35'N. 2° 35'W. 93 ft. 1921-1946†			DUNDEE Angus 56° 28'N. 2° 56'W. 147 ft. 1921-1950			KETTINS Angus 56° 32'N. 3° 14'W. 218 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.
J.	41.3	29.7	35.5	43.3	32.8	38.0	42.3	32.6	37.5	41.9	30.8	36.3
F.	42.2	30.4	36.3	44.5	33.6	39.1	43.5	33.5	38.5	43.3	31.9	37.6
M.	46.4	31.8	39.1	47.7	35.0	41.3	47.4	35.1	41.2	47.4	33.7	40.6
A.	50.7	35.1	42.9	41.9	37.7	44.8	51.9	37.8	44.8	52.1	36.6	44.3
M.	56.7	38.7	47.7	56.0	41.4	48.7	57.2	41.6	49.4	57.8	40.7	49.2
J.	62.9	44.4	53.6	61.6	46.3	53.9	63.8	46.8	55.3	63.9	45.9	54.9
J.	65.3	49.8	57.1	64.9	50.6	57.8	66.9	51.1	59.0	66.4	50.3	58.3
A.	63.9	47.2	55.6	64.1	50.1	57.1	65.6	50.4	57.9	64.8	49.3	57.1
S.	59.6	43.5	51.6	60.7	46.7	53.7	61.5	46.5	54.0	60.7	45.3	53.0
O.	52.6	38.6	45.6	54.4	41.8	48.1	54.5	41.4	47.9	53.6	40.2	46.9
N.	45.4	33.4	39.4	48.0	36.5	42.2	47.2	36.3	41.7	46.3	34.4	40.3
D.	42.5	31.2	36.9	44.2	34.4	39.3	43.9	34.2	39.0	42.8	32.3	37.5
Y.	52.5	37.7	45.1	53.4	40.6	47.0	53.8	40.6	47.2	53.4	39.3	46.3
	PERTH Perthshire 56° 24'N. 3° 27'W. 77 ft. 1921-1950			CUPAR Fife 56° 19'N. 3° 1'W. 210 ft. 1921-1950			KIRKCALDY Fife 56° 8'N. 3° 10'W. 137 ft. 1921-1950*			LEUCHARS Fife 56° 23'N. 2° 53'W. 33 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.
J.	42.7	31.6	37.2	42.6	32.3	37.5	43.4	33.1	38.2	42.3	33.9	38.1
F.	44.2	32.5	38.4	43.8	32.9	38.4	44.4	33.9	39.1	43.9	34.4	39.1
M.	48.4	34.5	41.5	47.6	34.9	41.3	47.8	35.6	41.7	47.6	35.6	41.6
A.	53.3	37.7	45.5	52.0	37.8	44.9	52.1	38.5	45.3	51.8	38.1	45.0
M.	59.3	41.8	50.6	57.0	41.9	49.4	57.0	42.5	49.8	56.1	42.0	49.1
J.	65.4	47.3	56.3	63.5	47.0	55.2	63.6	48.0	55.8	62.5	47.0	54.8
J.	67.8	51.5	59.7	66.3	51.4	58.8	66.6	51.9	59.2	65.7	51.3	58.5
A.	65.7	50.5	58.1	65.1	50.5	57.8	65.2	51.0	58.1	64.8	50.4	57.6
S.	62.0	46.3	54.2	60.8	47.0	53.9	61.3	47.5	54.4	61.0	47.0	54.0
O.	54.7	41.1	47.9	53.9	41.8	47.8	54.7	42.6	48.7	54.3	42.5	48.4
N.	47.3	35.0	41.2	47.1	35.8	41.1	47.7	36.5	42.1	47.2	37.3	42.2
D.	43.9	33.1	38.5	43.7	33.8	38.7	44.3	34.4	39.4	43.3	35.5	39.4
Y.	54.6	40.2	47.4	53.6	40.6	47.1	54.0	41.3	47.7	53.4	41.2	47.3

\* Values for a few months missing.  
† 9-9 from June 1, 1938.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50

SCOTLAND, EAST

	ST. ANDREWS Fife 56° 20'N. 2° 47'W. 13 ft. 1926-1950*			BOGHALL Midlothian 55° 52'N. 3° 12'W. 639 ft. 1925-1950*			EDINBURGH (BLACKFORD HILL) Midlothian 55° 55'N. 3° 11'W. 441 ft. 1921-1950			NORTH BERWICK East Lothian 56° 3'N. 2° 43'W. 118 ft. 1923-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.
J.	43.3	33.2	38.2	41.7	32.7	37.2	42.7	34.6	38.7	43.4	33.7	38.5
F.	44.2	33.9	39.0	42.1	33.1	37.6	43.2	34.5	38.8	44.0	34.2	39.1
M.	47.5	35.3	41.4	45.7	34.8	40.2	46.6	36.1	41.3	47.8	35.8	41.8
A.	51.4	38.3	44.8	49.9	37.2	43.6	50.4	38.6	44.5	52.1	38.5	45.3
M.	55.7	42.3	49.0	55.7	41.3	48.5	55.4	42.9	49.1	56.7	42.4	49.5
J.	62.4	47.2	54.8	61.9	46.4	54.2	61.8	48.1	54.9	62.7	47.2	54.9
J.	65.6	51.3	58.5	64.5	50.5	57.5	64.9	52.1	58.5	66.1	51.2	58.7
A.	64.4	50.7	57.6	63.1	49.7	56.4	63.6	51.6	57.6	64.9	50.6	57.8
S.	60.9	47.3	54.1	59.3	46.5	52.9	59.8	48.4	54.1	61.5	47.8	54.6
O.	54.4	42.5	48.5	52.5	41.9	47.2	53.2	43.6	48.4	54.6	42.9	48.8
N.	47.7	36.7	42.2	46.1	36.8	41.4	47.0	38.5	42.8	47.9	37.7	42.8
D.	44.4	35.0	39.7	42.9	34.5	38.7	43.9	36.2	40.1	44.6	35.5	40.1
Y.	53.5	41.1	47.3	52.1	40.5	46.3	52.7	42.1	47.4	53.9	41.5	47.7
	MARCHEMONT Berwickshire 55° 44'N. 2° 25'W. 498 ft. 1921-1950*			WEST LINTON Peeblesshire 55° 45'N. 3° 21'W. 820 ft. 1921-1950			KELSO Roxburghshire 55° 36'N. 2° 25'W. 195 ft. 1921-1950			WOLFELEE Roxburghshire 55° 23'N. 2° 39'W. 537 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.	OF.
J.	41.9	31.7	36.8	40.8	29.8	35.3	42.4	31.5	36.9	41.1	30.6	35.9
F.	42.8	32.1	37.4	41.6	30.7	36.1	43.9	32.1	38.0	42.3	30.9	36.6
M.	47.1	34.0	40.5	45.9	31.9	38.9	48.5	33.8	41.1	46.9	32.2	39.6
A.	51.0	36.7	43.9	50.0	34.5	42.2	52.7	36.9	44.8	51.4	35.2	43.3
M.	56.8	40.9	48.8	56.1	38.6	47.3	58.3	41.4	49.8	57.6	39.4	48.5
J.	62.8	46.1	54.5	62.1	43.9	53.0	64.1	46.7	55.4	63.2	44.7	53.9
J.	65.7	50.2	58.0	64.4	48.1	56.2	66.9	50.6	58.7	65.3	48.9	57.1
A.	64.7	49.5	57.1	63.3	47.1	55.2	65.7	49.4	57.5	63.8	47.7	55.8
S.	60.3	45.9	53.1	58.8	43.4	51.1	61.2	45.9	53.5	59.4	44.2	51.8
O.	53.4	40.9	47.1	52.1	38.8	45.4	54.6	40.6	47.6	52.7	39.1	45.9
N.	46.6	35.7	41.1	45.3	33.7	39.5	47.2	35.0	41.1	45.8	34.0	39.9
D.	42.9	33.4	38.2	41.9	31.8	36.8	43.6	33.1	38.4	42.1	32.1	37.1
Y.	53.0	39.8	46.4	51.8	37.7	44.8	54.1	39.8	46.9	52.6	38.3	45.4

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
SCOTLAND, WEST

	ARDTORNISH Argyllshire 56° 34'N. 5° 45'W. 48 ft. 1921-1945*			GLENBRANTER Argyllshire 56° 8'N. 5° 3'W. 120 ft. 1926-1950†			ROTHESAY Buteshire 55° 50'N. 5° 2'W. 200 ft. 1921-1950			CARDROSS Dumbartonshire 55° 58'N. 4° 38'W. 130 ft. 1921-1947*		
	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean
	21-21	21-21		9-9	9-9		21-21	21-21		9-9	9-9	
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.6	34.0	39.3	43.4	33.0	38.2	43.9	35.9	39.9	43.3	33.0	38.2
F.	45.0	34.2	39.6	44.4	33.0	38.7	44.0	35.5	39.7	44.2	33.5	38.8
M.	48.9	35.3	42.1	48.4	34.4	41.4	47.2	36.9	42.1	47.8	35.0	41.4
A.	52.6	37.8	45.2	52.7	37.0	44.9	51.1	39.0	45.1	52.1	37.2	44.7
M.	59.2	41.5	50.4	59.3	40.6	50.0	58.9	43.1	50.0	58.4	41.4	49.9
J.	63.4	46.4	54.9	63.4	45.7	54.5	61.6	47.8	54.7	62.9	46.6	54.7
J.	65.5	49.4	57.4	65.1	50.0	57.6	63.6	50.9	57.3	65.3	50.7	58.0
A.	65.1	49.4	57.2	64.5	49.4	57.0	63.0	51.2	57.1	64.7	50.1	57.4
S.	61.1	45.7	53.4	60.4	45.5	53.0	59.4	48.3	53.9	60.2	46.8	53.5
O.	55.0	40.8	47.9	53.9	41.3	47.6	53.3	44.1	48.7	54.1	41.8	47.9
N.	48.9	37.1	43.0	47.5	35.7	41.6	47.9	39.6	43.7	47.8	36.3	42.1
D.	45.3	35.4	40.3	44.6	34.3	39.4	45.1	37.3	41.2	44.3	34.4	39.4
Y.	54.5	40.6	47.6	54.0	40.0	47.0	53.1	42.5	47.8	53.8	40.6	47.2
	HELENSBURGH Dumbartonshire 56° 1'N. 4° 43'W. 293 ft. 1921-1950			STIRLING Stirlingshire 56° 7'N. 3° 56'W. 151 ft. 1921-1950*			GREENOCK Renfrewshire 55° 56'N. 4° 46'W. 199 ft. 1921-1950			PAISLEY Renfrewshire 55° 51'N. 4° 28'W. 106 ft. 1921-1950		
	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean
	9-9	9-9		9-9	9-9		9-9	9-9		21-21	21-21	
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.9	33.5	38.2	42.8	33.3	38.1	43.5	35.6	39.6	43.2	35.2	39.2
F.	43.8	33.7	38.7	44.3	34.3	39.3	43.8	35.7	39.8	44.4	35.5	39.9
M.	47.4	35.3	41.4	48.2	36.1	42.1	47.2	37.3	42.2	48.5	37.0	42.7
A.	52.0	38.0	45.0	52.9	39.0	45.9	51.5	40.0	45.7	53.2	39.6	46.4
M.	58.3	42.2	50.2	58.6	43.1	50.8	57.8	44.1	51.0	59.4	44.0	51.7
J.	63.2	47.6	55.4	64.6	48.5	56.5	62.8	49.4	56.1	64.8	49.2	57.0
J.	65.5	51.6	58.5	66.8	52.3	59.6	64.9	53.1	59.0	66.8	53.1	60.0
A.	64.5	50.8	57.7	65.4	51.8	58.6	63.9	52.8	58.3	65.7	52.5	59.1
S.	60.3	47.3	53.8	60.8	47.9	54.4	59.9	49.5	54.7	61.0	48.8	54.9
O.	53.8	42.7	48.3	53.8	42.9	48.4	53.5	44.8	49.2	54.3	44.0	49.1
N.	47.7	37.1	42.4	47.2	37.1	42.1	47.7	39.4	43.5	47.5	38.6	43.1
D.	44.4	35.1	39.8	44.2	35.1	39.6	44.8	37.4	41.1	44.4	36.5	40.5
Y.	53.6	41.3	47.5	54.1	41.8	48.0	53.5	43.3	48.4	54.5	42.8	48.6

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
SCOTLAND, WEST

	RENFREW Renfrewshire 55° 52'N. 4° 26'W. 29 ft. 1921-1950			DUNGAVAL Lanarkshire 55° 37'N. 4° 8'W. 798 ft. 1921-1948*			COLMONELL Ayrshire 55° 37'N. 4° 57'W. 170 ft. 1921-1950			KILMARNOCK (KAY PARK) Ayrshire 55° 37'N. 4° 29'W. 130 ft.†† 1921-1950		
	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean
	day	night		9-9	9-9		9-9	9-9		9-9	9-9	
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.5	34.3	38.4	40.4	31.5	35.9	44.7	34.7	39.7	43.7	33.6	38.7
F.	44.0	34.6	39.3	41.1	31.3	36.2	45.1	34.5	39.8	45.1	34.0	39.6
M.	48.2	35.6	41.9	44.9	32.9	38.9	48.7	35.9	42.3	49.3	35.4	42.4
A.	52.6	38.2	45.4	49.2	35.3	42.2	52.5	38.6	45.6	53.4	38.1	45.7
M.	58.7	42.2	50.4	55.8	39.3	47.6	58.3	42.2	50.3	59.9	42.3	51.1
J.	63.8	47.5	55.6	60.6	44.6	52.6	62.3	47.6	55.0	64.7	47.6	56.2
J.	66.0	51.6	58.8	62.6	48.7	55.6	64.6	51.7	58.1	66.7	51.9	59.3
A.	65.3	50.8	58.0	62.1	48.0	55.0	63.6	51.2	57.4	66.2	51.0	58.6
S.	61.0	47.1	54.0	57.7	44.4	51.1	61.1	48.0	54.5	61.9	47.2	54.6
O.	54.2	42.6	48.4	51.1	39.9	45.5	55.3	43.4	49.3	55.1	42.5	48.8
N.	47.0	37.1	42.0	44.9	34.9	39.9	49.2	38.0	43.6	48.5	36.4	42.5
D.	43.5	35.6	39.6	41.4	32.9	37.2	45.7	38.1	40.9	44.7	34.6	39.6
Y.	53.9	41.4	47.7	51.0	38.6	44.8	54.2	41.8	48.0	54.9	41.2	48.1
	TURNBERRY Ayrshire 55° 19'N. 4° 50'W. 63 ft. 1921-1950*			DUMFRIES Dumfriesshire 55° 3'N. 3° 36'W. 140 ft. 1921-1950			ESKDALEMUIR OBSERVATORY Dumfriesshire 55° 19'N. 3° 12'W. 794 ft. 1921-1950			RUTHWELL Dumfriesshire 55° 0'N. 3° 26'W. 67 ft. 1921-1950		
	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean
	9-9	9-9		21-21	21-21		0-24	0-24		21-21	21-21	
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.9	35.9	40.4	43.1	33.4	38.3	40.2	30.7	35.5	43.0	32.2	37.6
F.	45.1	35.8	40.4	44.1	33.8	38.9	41.1	30.5	35.8	44.3	32.6	38.5
M.	48.8	37.3	43.0	48.3	35.0	41.7	45.4	31.4	38.4	48.9	34.2	41.6
A.	52.3	40.0	46.2	52.3	38.1	45.2	50.0	34.1	42.0	53.5	36.9	45.2
M.	57.9	43.6	50.7	58.5	42.5	50.5	56.4	38.4	47.4	60.2	41.6	50.9
J.	61.7	48.7	55.2	63.6	49.0	55.8	61.4	43.8	52.6	65.2	46.9	56.1
J.	64.1	52.9	58.5	65.9	51.9	58.9	63.6	48.2	55.9	67.2	51.1	59.1
A.	63.3	52.5	57.9	65.2	51.1	58.1	62.7	47.3	55.0	66.5	50.3	58.4
S.	60.9	49.5	55.2	61.0	47.3	54.2	58.3	43.4	50.9	62.4	46.4	54.4
O.	55.0	45.3	50.1	54.6	42.3	48.4	51.7	39.1	45.4	55.6	41.1	48.3
N.	49.4	39.9	44.6	47.8	36.8	42.3	45.0	34.1	39.5	48.1	35.7	41.9
D.	45.9	37.9	41.9	44.1	34.7	39.4	41.4	32.2	36.8	43.9	33.5	38.7
Y.	54.1	43.3	48.7	54.0	41.2	47.6	51.4	37.8	44.6	54.9	40.2	47.6

\* Values for a few months missing.

† See Introduction.

†† Record for 1950 from Springhill House, 115 ft.  
§ 9-9 from August 1, 1937.



## AVERAGES OF TEMPERATURE

TABLE I - Monthly averages of maximum, minimum and mean temperature, 1921-50

## ISLE OF MAN AND ENGLAND, NORTH-EAST

	DOUGLAS Isle of Man 54° 10'N. 4° 28'W. 284 ft. 1926-1950†			BELLINGHAM Northumberland 55° 13'N. 2° 18'W. 849 ft. 1921-1950*			BERWICK-ON-TWEED Northumberland 55° 46'N. 2° 0'W. 76 ft. 1924-1950†			MORPETH (COCKLE PARK) Northumberland 55° 13'N. 1° 41'W. 325 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.8	37.6	41.2	40.2	30.1	35.1	43.6	34.1	38.8	42.3	32.9	37.6
F.	44.4	36.9	40.6	41.2	30.3	35.8	43.9	34.7	39.3	43.0	33.0	38.0
M.	46.9	38.3	42.6	45.9	32.3	39.1	46.9	36.3	41.6	47.1	34.2	40.7
A.	50.6	40.5	45.5	50.6	35.1	42.8	50.3	38.9	44.6	51.1	37.0	44.0
M.	56.0	44.8	50.4	57.4	39.3	48.3	53.6	42.9	48.2	56.3	40.9	48.6
J.	60.6	49.6	55.1	62.9	44.7	53.8	60.2	47.9	54.0	62.7	45.9	54.3
J.	62.9	52.9	57.9	65.2	48.8	57.0	63.7	52.0	57.9	66.0	50.4	58.2
A.	62.9	53.2	58.1	63.7	48.2	55.9	62.9	51.3	57.1	64.9	49.6	57.2
S.	59.7	50.7	55.2	59.2	44.8	52.0	59.7	48.1	53.9	60.9	46.4	53.7
O.	54.6	46.5	50.5	52.3	39.7	46.0	54.2	43.2	48.7	54.4	41.5	47.9
N.	49.1	41.5	45.3	45.1	34.4	39.7	47.9	38.1	43.0	47.0	36.8	41.9
D.	46.2	39.4	42.8	41.2	31.9	36.5	44.9	36.0	40.4	43.5	34.4	38.9
Y.	53.2	44.3	48.8	52.1	38.3	45.2	52.6	41.9	47.3	53.3	40.2	46.7
	TYNEMOUTH Northumberland 55° 1'N. 1° 25'W. 108 ft. 1921-1950			CHOPWELLWOOD Durham 54° 55'N. 1° 47'W. 446 ft. 1921-1950*			DURHAM Durham 54° 46'N. 1° 35'W. 336 ft. 1921-1950			HOUGHALL Durham 54° 45'N. 1° 35'W. 160 ft. 1926-1950†		
	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.2	36.7	39.9	42.8	31.6	37.2	42.8	32.7	37.7	43.7	31.4	37.6
F.	43.9	36.7	40.3	43.7	32.0	37.9	43.6	33.0	38.3	44.6	32.3	38.4
M.	47.1	37.9	42.5	48.3	33.4	40.9	48.1	34.4	41.3	49.1	33.9	41.5
A.	50.3	40.6	45.4	52.6	36.5	44.6	52.4	37.5	44.9	53.4	37.2	45.3
M.	53.9	44.5	49.2	58.3	40.5	49.4	57.9	41.4	49.7	58.6	41.1	49.9
J.	60.4	49.9	55.1	64.5	45.9	55.3	64.3	46.8	55.6	65.2	46.6	55.9
J.	64.3	54.0	59.1	67.3	50.2	58.7	67.8	51.2	59.5	68.5	50.9	59.7
A.	63.7	53.6	58.6	66.4	49.6	58.0	66.6	50.5	58.5	67.5	50.0	58.8
S.	60.6	50.8	55.7	61.9	46.2	54.0	62.1	47.0	54.6	63.2	46.5	54.9
O.	54.8	46.1	50.5	55.0	41.0	48.0	55.3	41.9	48.6	56.2	41.3	48.7
N.	48.0	41.0	44.5	47.9	35.8	41.9	47.7	37.0	42.4	48.6	36.0	42.3
D.	44.3	38.4	41.3	43.9	33.3	38.6	43.9	34.3	39.1	44.7	33.3	39.0
Y.	52.9	44.2	48.5	54.4	39.7	47.0	54.4	40.6	47.5	55.3	40.0	47.7

\* Values for a few months missing.

† See Introduction.

## AVERAGES OF TEMPERATURE

TABLE I - Monthly averages of maximum, minimum and mean temperature, 1921-50

## ENGLAND, NORTH EAST

	USHAW Durham 54° 47'N. 1° 39'W. 594 ft. 1921-1950*			AMPLEFORTH Yorkshire, N.R. 54° 12'N. 1° 5'W. 313 ft. 1921-1950*			SCARBOROUGH Yorkshire, N.R. 54° 17'N. 0° 24'W. 118 ft. 1926-1950†			YORK Yorkshire, N.R. 53° 57'N. 1° 5'W. 57 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	41.9	32.4	37.2	42.4	32.6	37.5	44.3	35.4	39.9	43.4	34.4	38.9
F.	42.6	32.9	37.8	43.3	33.0	38.1	45.4	36.0	40.7	44.6	34.7	39.6
M.	47.1	34.8	41.0	48.0	34.8	41.4	49.1	37.7	43.4	49.4	36.2	42.8
A.	51.5	37.9	44.7	52.6	38.2	45.4	53.1	40.8	46.9	54.3	39.7	47.0
M.	57.0	42.0	49.5	58.6	42.6	50.6	57.1	44.7	50.9	60.6	44.0	52.3
J.	63.3	47.4	55.4	64.4	48.0	56.2	63.6	50.3	57.0	66.5	49.6	58.1
J.	66.5	51.6	59.1	67.8	52.2	60.0	67.3	54.4	60.9	70.0	53.9	61.9
A.	65.6	50.9	58.3	66.6	51.3	59.0	66.9	54.2	60.5	68.6	53.0	60.8
S.	61.3	47.6	54.4	62.3	48.3	55.3	63.4	51.2	57.3	64.0	49.5	56.7
O.	54.0	42.5	48.3	55.1	42.7	48.9	56.5	46.0	51.3	56.3	43.8	50.1
N.	46.6	37.0	41.8	47.5	37.3	42.4	49.2	40.3	44.8	48.3	38.4	43.4
D.	42.9	34.4	38.6	43.4	34.2	38.8	45.4	37.2	41.3	44.3	35.6	39.9
Y.	53.4	40.9	47.2	54.3	41.3	47.8	55.1	44.0	49.6	55.8	42.7	49.3
	HULL Yorkshire, E.R. 53° 45'N. 0° 16'W. 8 ft. 1921-1950			SPURN HEAD Yorkshire, E.R. 53° 35'N. 0° 7'E. 29 ft. 1921-1950			CRANWELL Lincolnshire 53° 2'N. 0° 30'W. 203 ft. 1921-1950*			CLEETHORPES Lincolnshire 53° 33'N. 0° 1'W. 23 ft. 1925-1950†		
	Max. 21-21	Min. 21-21	Mean	Max. day	Min. night	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.7	35.2	39.4	42.4	36.5	39.4	42.4	33.8	38.1	43.6	34.1	38.8
F.	44.9	35.3	40.1	43.0	36.3	39.7	43.9	33.6	38.8	44.6	34.6	39.6
M.	49.0	36.7	42.9	46.8	37.6	42.2	49.4	34.9	42.1	48.8	36.4	42.6
A.	54.3	40.3	47.3	51.1	41.2	46.2	54.4	38.4	46.4	53.3	40.2	46.7
M.	59.7	44.5	52.1	56.1	45.5	50.8	60.5	42.7	51.6	57.7	44.6	51.1
J.	66.2	50.1	58.1	62.3	51.1	56.7	66.6	48.4	57.5	64.2	50.2	57.2
J.	70.2	54.4	62.3	66.8	55.4	61.1	70.2	52.6	61.4	68.5	54.1	61.3
A.	69.2	53.8	61.5	66.5	55.4	60.9	69.3	52.0	60.6	67.7	53.8	60.7
S.	64.7	50.5	57.6	62.9	52.9	57.9	64.5	48.9	56.7	64.0	50.7	57.4
O.	57.1	44.7	50.9	56.0	47.5	51.8	56.5	43.2	49.8	56.7	45.1	50.9
N.	48.7	39.4	44.0	48.2	41.8	45.0	47.9	38.0	42.9	48.9	39.0	43.9
D.	44.5	36.3	40.4	43.6	38.2	40.9	42.9	35.0	39.0	44.3	35.5	39.9
Y.	56.0	43.4	49.7	53.8	44.9	49.4	55.7	41.8	48.8	55.2	43.2	49.2

\* Values for a few months missing.  
§ 9-9 from January 1, 1942.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, NORTH-EAST AND EAST

	SKEGNESS Lincolnshire 53° 9'N. 0° 21'E. 15 ft. 1926-1950†			CROMER Norfolk 52° 56'N. 1° 17'E. 178 ft. 1926-1950†			YARMOUTH (GORLESTON) Norfolk 52° 35'N. 1° 43'E. 5 ft. 1921-1950			HUNSTANTON Norfolk 52° 57'N. 0° 29'E. 100 ft. 1924-1950*†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Mean 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.1	33.9	38.5	44.1	34.6	39.3	43.4	36.3	39.9	43.5	34.5	39.0
F.	44.0	34.4	39.2	44.6	34.7	39.7	44.0	36.1	40.0	44.1	34.8	39.4
M.	47.7	36.2	42.0	49.1	36.9	43.0	47.3	37.3	42.3	49.2	36.9	43.0
A.	52.3	40.1	46.2	53.4	40.4	46.9	51.6	41.4	46.5	53.8	41.0	47.4
M.	56.8	44.8	50.8	58.6	44.9	51.7	56.6	46.2	51.4	59.2	45.3	52.3
J.	63.4	50.3	56.8	65.2	50.4	57.8	62.9	51.6	57.3	65.6	51.0	58.3
J.	67.6	54.4	61.0	69.5	54.5	62.0	67.4	55.6	61.5	69.6	55.1	62.3
A.	67.2	54.0	60.6	68.8	54.4	61.6	67.7	55.7	61.7	69.0	54.7	61.8
S.	63.7	51.0	57.3	65.0	52.0	58.5	64.4	52.9	58.7	64.9	51.7	58.3
O.	56.4	45.2	50.8	57.5	46.1	51.8	57.3	47.4	52.3	57.0	45.7	51.3
N.	48.7	38.9	43.8	49.5	40.0	44.7	49.3	41.4	45.3	48.9	39.7	44.3
D.	44.0	35.7	39.8	44.9	36.3	40.6	44.2	37.6	40.9	44.3	36.0	40.1
Y.	54.6	43.2	48.9	55.8	43.8	49.8	54.7	44.9	49.8	55.8	43.9	49.8
	NORWICH Norfolk 52° 37'N. 1° 17'E. 110 ft. 1921-1947†			SPROWSTON Norfolk 52° 40'N. 1° 20'E. 93 ft. 1925-1950*†			BUNGAY Suffolk 52° 25'N. 1° 23'E. 79 ft. 1921-1948†			FELIXSTOWE Suffolk 51° 57'N. 1° 20'E. 10 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.5	33.6	38.6	43.6	33.6	38.6	43.2	33.3	38.2	43.1	35.9	39.5
F.	44.6	33.9	39.3	44.4	33.8	39.1	44.2	33.5	38.9	44.1	35.4	39.7
M.	50.2	35.6	42.9	49.3	35.4	42.3	49.7	35.1	42.4	47.7	37.1	42.5
A.	55.1	39.6	47.3	54.3	39.2	46.7	55.3	39.2	47.2	53.0	41.2	47.1
M.	61.9	44.5	53.2	60.4	43.5	51.9	62.2	43.7	52.9	58.8	46.0	52.4
J.	67.6	49.9	58.7	66.4	49.0	57.7	67.9	49.2	58.5	65.4	52.3	58.8
J.	71.7	54.0	62.8	70.6	53.1	61.9	71.8	53.4	62.6	69.6	56.1	62.9
A.	70.6	53.5	62.1	69.9	52.8	61.3	71.1	53.2	62.1	69.5	56.3	62.9
S.	66.0	50.2	58.1	65.4	49.9	57.6	66.2	50.0	58.1	65.5	53.2	59.4
O.	57.8	44.0	50.9	57.7	43.8	50.8	57.7	43.6	50.7	57.7	47.7	52.7
N.	49.0	38.3	43.7	49.1	38.3	43.7	48.7	38.1	43.4	49.3	41.4	45.3
D.	44.0	34.7	39.3	44.3	35.1	39.7	43.8	34.3	39.1	43.9	37.5	40.7
Y.	56.8	42.6	49.7	56.3	42.3	49.3	56.8	42.2	49.5	55.6	45.0	50.3

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, EAST

	LOWESTOFT Suffolk 52° 29'N. 1° 45'E. 82 ft. 1926-1950*†			CAMBRIDGE (BOTANIC GARDEN) Cambridgeshire 52° 12'N. 0° 8'E. 41 ft. 1921-1950*			LUTON Bedfordshire 51° 54'N. 0° 25'W. 381 ft. 1921-1950			WOBURN Bedfordshire 52° 1'N. 0° 35'W. 291 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.4	34.4	38.9	44.3	33.5	38.9	43.5	33.2	38.4	43.5	33.0	38.3
F.	44.2	34.5	39.3	45.7	33.4	39.5	44.1	33.3	38.7	44.3	33.0	38.7
M.	47.9	36.2	42.1	51.1	34.6	42.9	49.6	34.6	42.1	49.6	34.4	42.0
A.	52.9	40.3	46.6	56.2	38.7	47.5	54.5	38.4	46.5	54.7	38.2	46.4
M.	58.0	45.1	51.5	62.7	43.5	53.1	61.2	43.0	52.1	61.1	42.8	52.0
J.	64.6	50.4	57.5	68.4	49.1	58.8	66.9	48.5	57.7	66.8	48.2	57.5
J.	68.8	54.5	61.6	72.1	53.1	62.6	70.5	52.8	61.7	70.4	52.4	61.4
A.	68.9	54.5	61.7	71.3	52.3	61.8	69.8	52.2	61.0	69.6	51.8	60.7
S.	65.0	51.8	58.4	66.5	48.8	57.6	65.2	48.7	56.9	64.7	48.4	56.7
O.	57.5	45.9	51.7	58.2	42.6	50.4	56.9	42.8	49.8	56.7	42.3	49.5
N.	49.5	39.7	44.6	49.5	37.6	43.5	48.5	37.5	43.0	48.5	37.1	42.8
D.	44.3	35.7	40.0	44.5	34.5	39.5	43.9	34.2	39.0	44.0	34.0	39.0
Y.	55.4	43.6	49.5	57.6	41.8	49.7	56.2	41.6	48.9	56.2	41.3	48.7
	ROTHAMSTED Hertfordshire 51° 48'N. 0° 22'W. 420 ft. 1921-1950			ST. ALBANS Hertfordshire 51° 48'N. 0° 18'W. 272 ft. 1924-1950†			DOVERCOURT Essex 51° 57'N. 1° 16'E. 47 ft. 1925-1950†			HALSTEAD Essex 51° 57'N. 0° 38'E. 140 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.6	33.0	37.8	43.6	32.5	38.1	43.7	34.9	39.3	44.0	33.1	38.6
F.	43.4	33.2	38.3	44.7	32.9	38.8	44.5	35.2	39.9	45.4	33.6	39.5
M.	48.8	34.8	41.8	50.1	34.3	42.2	48.6	37.1	42.8	51.3	35.0	43.1
A.	53.7	38.6	46.2	55.2	38.0	46.6	53.8	41.1	47.5	56.9	38.9	47.9
M.	60.4	43.2	51.8	61.8	42.7	52.3	59.8	46.1	52.9	63.6	43.6	53.6
J.	65.9	48.9	57.4	67.4	48.4	57.9	66.0	51.9	59.0	69.3	49.1	59.2
J.	69.4	52.9	61.2	71.0	52.3	61.7	69.9	55.8	62.9	72.9	53.2	63.0
A.	68.7	52.4	60.5	70.3	51.7	61.0	69.7	55.8	62.7	72.2	52.5	62.3
S.	63.9	49.2	56.6	65.5	48.4	57.0	65.5	52.5	59.0	67.2	49.0	58.1
O.	55.9	43.2	49.5	57.2	42.3	49.8	57.8	46.5	52.2	58.7	42.9	50.8
N.	47.7	37.2	42.5	48.6	36.7	42.8	49.5	40.3	44.9	49.6	37.1	43.4
D.	43.1	34.0	38.6	44.2	33.6	38.9	44.3	36.3	40.3	44.4	34.2	39.3
Y.	55.3	41.7	48.5	56.7	41.2	48.9	56.1	44.5	50.3	57.9	41.9	49.9

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, EAST AND MIDLAND COUNTIES

	SHOEBURYNESSE Essex 51° 32'N. 0° 49'E. 11 ft. 1921-1950			BRADFORD Yorkshire, W.R. 53° 49'N. 1° 46'W. 439 ft. 1921-1950			HUDDERSFIELD (RAVENSKNOLLE) Yorkshire, W.R. 53° 38'N. 1° 45'W. 325 ft. 1921-1950			HUDDERSFIELD (OAKES) Yorkshire, W.R. 53° 39'N. 1° 50'W. 762 ft. 1925-1950†		
	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.0	35.3	39.7	42.5	33.5	38.0	43.0	33.7	38.3	42.0	33.2	37.6
F.	45.3	35.1	40.2	42.6	33.5	38.1	43.6	33.6	38.6	42.2	32.9	37.6
M.	49.7	36.2	42.9	47.0	35.3	41.2	48.3	34.9	41.6	46.9	34.7	40.8
A.	54.9	40.2	47.6	51.8	38.8	45.3	53.2	38.3	45.8	51.8	37.7	44.8
M.	60.7	45.0	52.8	58.2	43.2	50.7	59.6	42.7	51.1	58.3	42.3	50.3
J.	67.3	50.8	59.0	63.9	48.7	56.3	65.9	48.5	57.2	64.2	47.7	55.9
J.	71.4	55.1	63.3	67.0	53.1	60.0	69.0	52.7	60.9	67.3	51.9	59.6
A.	71.0	54.9	62.9	65.8	52.4	59.1	67.8	51.6	59.7	66.2	51.6	58.9
S.	66.7	51.7	59.2	61.6	49.0	55.3	63.2	48.3	55.7	61.5	48.3	54.9
O.	58.5	45.8	52.1	54.3	43.7	49.0	55.6	42.7	49.1	54.3	42.9	48.6
N.	49.8	40.0	44.9	47.0	37.9	42.5	47.6	37.6	42.6	46.7	37.4	42.0
D.	44.5	36.5	40.5	43.5	35.0	39.3	43.9	35.0	39.5	43.0	34.8	38.9
Y.	57.0	43.9	50.4	53.8	42.0	47.9	55.0	41.6	48.3	53.7	41.3	47.5
	ILKLEY Yorkshire, W.R. 53° 55'N. 1° 50'W. 315 ft. 1923-1950†			PONTEFRAC Yorkshire, W.R. 53° 42'N. 1° 19'W. 255 ft. 1926-1950†			SHEFFIELD Yorkshire, W.R. 53° 23'N. 1° 29'W. 428 ft. 1921-1950			WAKEFIELD Yorkshire, W.R. 53° 40'N. 1° 30'W. 115 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.7	32.6	37.7	43.0	33.7	38.4	43.3	35.0	39.2	43.7	33.6	38.7
F.	43.5	32.5	38.0	43.5	33.9	38.7	43.7	34.7	39.2	44.7	33.9	39.3
M.	48.4	34.1	41.3	48.2	35.7	41.9	48.4	36.6	42.5	49.9	35.3	42.6
A.	53.4	37.8	45.6	52.8	39.3	46.0	53.2	40.0	46.6	55.3	38.9	47.1
M.	59.5	42.2	50.9	58.9	43.5	51.2	59.3	44.4	51.9	61.4	43.0	52.2
J.	65.5	47.6	56.6	64.5	49.2	56.8	65.4	50.1	57.7	67.5	48.6	58.1
J.	68.7	51.9	60.3	67.9	53.4	60.6	68.7	54.2	61.5	70.6	52.9	61.8
A.	67.4	51.2	59.3	66.8	52.6	59.7	67.7	53.4	60.5	69.4	52.2	60.8
S.	62.8	47.7	55.2	62.7	49.6	56.1	63.0	50.2	56.6	64.8	48.8	56.8
O.	55.3	42.2	48.7	55.3	43.8	49.6	55.5	44.8	50.1	57.0	43.2	50.1
N.	47.7	36.7	42.2	47.8	38.0	42.9	48.1	39.4	43.8	48.6	37.7	43.2
D.	43.7	34.0	38.9	44.0	35.3	39.6	44.3	36.5	40.4	44.5	35.1	39.8
Y.	54.9	40.9	47.9	54.6	42.3	48.5	55.0	43.3	49.2	56.5	41.9	49.2

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
MIDLAND COUNTIES

	BELPER SCHOOL Derbyshire 53° 1'N. 1° 29'W. 203 ft. 1921-1950*			BUXTON Derbyshire 53° 16'N. 1° 55'W. 1,007 ft. 1926-1950†			MANSFIELD Nottinghamshire 53° 9'N. 1° 11'W. 357 ft. 1926-1950*†			NOTTINGHAM CASTLE Nottinghamshire 52° 57'N. 1° 9'W. 192 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.8	32.7	38.3	40.2	32.0	36.1	42.7	33.4	38.0	43.8	34.3	39.1
F.	44.4	32.8	38.6	40.6	31.8	36.2	43.6	33.3	38.4	44.5	34.5	39.5
M.	49.7	34.6	42.1	45.1	33.4	39.2	48.8	35.2	42.0	49.6	36.3	42.9
A.	54.8	38.1	46.5	49.7	36.9	43.3	53.9	38.8	46.3	54.5	40.1	47.3
M.	61.4	42.9	52.1	56.2	41.1	48.7	60.5	43.2	51.9	60.7	44.7	52.7
J.	67.1	48.1	57.6	61.6	46.8	54.2	66.2	48.8	57.5	66.6	50.2	58.4
J.	70.2	52.4	61.3	64.4	51.0	57.7	69.7	52.9	61.3	70.1	54.3	62.2
A.	69.1	51.4	60.2	63.5	50.3	56.9	68.4	52.1	60.2	69.2	53.3	61.2
S.	64.4	47.8	56.1	59.1	46.9	53.0	63.5	49.0	56.3	64.5	50.0	57.2
O.	56.6	41.8	49.2	52.0	41.7	46.9	55.5	43.2	49.4	56.7	44.0	50.3
N.	48.9	36.7	42.8	45.2	36.7	40.9	47.5	37.7	42.6	48.6	38.5	43.6
D.	44.5	34.2	39.3	41.2	33.5	37.4	43.5	33.8	38.7	44.4	35.5	40.0
Y.	56.2	41.1	48.7	51.6	40.2	45.9	55.3	41.9	48.6	56.1	43.0	49.5
	SUTTON BONINGTON Nottinghamshire 52° 50'N. 1° 15'W. 157 ft. 1924-1950*†			BIRMINGHAM (EDGEASTON) Warwickshire 52° 29'N. 1° 56'W. 535 ft. 1923-1950†			BIRMINGHAM (SPARKHILL) Warwickshire 52° 27'N. 1° 51'W. 425 ft. 1921-1950			COVENTRY Warwickshire 52° 23'N. 1° 23'W. 241 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 7-7§	Min. 13-13§	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.7	33.0	38.4	42.4	35.4	38.9	43.6	33.6	38.6	43.8	33.0	38.4
F.	44.7	33.2	38.9	43.4	35.1	39.2	44.6	33.6	39.1	44.6	33.4	39.0
M.	49.8	34.7	42.2	48.6	36.8	42.7	50.2	35.1	42.6	50.2	35.0	42.6
A.	54.9	38.5	46.7	53.5	40.0	46.8	55.5	38.8	47.1	55.2	38.8	47.0
M.	61.1	42.9	52.0	59.8	44.5	52.2	62.1	43.2	52.7	61.6	43.6	52.6
J.	67.0	48.1	57.6	65.6	50.1	57.8	68.2	48.9	58.5	67.5	49.2	58.4
J.	70.5	52.7	61.6	68.7	53.8	61.3	71.3	52.8	62.1	70.8	53.3	62.1
A.	69.4	51.5	60.5	67.7	53.2	60.5	70.3	51.9	61.1	69.6	52.3	61.0
S.	64.5	48.2	56.3	63.1	50.1	56.6	65.3	48.4	56.9	64.8	48.8	56.8
O.	56.8	42.5	49.6	55.3	44.7	50.0	57.0	42.8	49.9	56.8	42.8	49.8
N.	48.7	37.3	43.0	47.4	39.5	43.4	48.6	37.9	43.3	48.7	37.3	43.0
D.	44.4	34.5	39.4	43.0	36.7	39.9	44.1	34.9	39.5	44.4	34.3	39.3
Y.	56.3	41.4	48.9	54.9	43.3	49.1	56.8	41.8	49.3	56.5	41.8	49.2

\* Values for a few months missing.

† See Introduction.

§ 9-9 from January 1, 1945, but minimum temperature covered period 7-7 from January 1, 1940 to December 31, 1944.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
MIDLAND COUNTIES

	OXFORD Oxfordshire 51° 46'N. 1° 16'W. 208 ft. 1921-1950			MAYFIELD Staffordshire 53° 0'N. 1° 46'W. 374 ft. 1921-1945†			LEAMINGTON SPA Warwickshire 52° 18'N. 1° 30'W. 163 ft. 1926-1950†			RUGBY Warwickshire 52° 22'N. 1° 15'W. 390 ft. 1921-1947†		
	Max. 9-9	Min. 9-9	Mean.	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	44.6	34.5	39.5	42.8	32.1	37.5	44.5	34.2	39.3	43.7	32.5	38.1
F.	45.7	34.4	40.1	43.4	32.4	37.9	45.2	34.5	39.8	44.8	32.2	38.5
M.	51.1	36.1	43.6	48.6	33.7	41.2	50.6	36.1	43.4	50.4	33.8	42.1
A.	56.0	40.0	48.0	53.5	37.3	45.4	55.5	39.9	47.7	55.3	37.5	46.4
M.	62.3	44.7	53.5	59.9	41.4	50.7	61.7	44.4	53.1	61.6	42.4	52.0
J.	68.1	50.2	59.1	65.6	46.8	56.2	67.5	50.3	58.9	67.3	48.1	57.7
J.	71.4	54.2	62.8	68.7	50.9	59.8	70.6	54.1	62.3	70.5	52.1	61.3
A.	70.6	53.5	62.1	67.8	49.7	58.8	69.7	53.2	61.5	69.6	51.2	60.4
S.	65.9	49.9	57.9	63.2	46.2	54.7	65.0	49.6	57.3	64.9	47.6	56.3
O.	57.9	43.7	50.8	55.5	40.6	48.1	57.2	43.8	50.5	57.1	41.6	49.4
N.	49.7	38.4	44.1	47.8	35.7	41.7	49.4	38.4	43.9	48.8	36.5	42.7
D.	45.1	35.5	40.3	43.5	33.4	38.5	44.8	35.2	40.0	44.1	33.5	38.8
Y.	57.4	42.9	50.1	55.0	40.0	47.5	56.8	42.8	49.8	56.5	40.7	48.6
	MALVERN Worcestershire 52° 8'N. 2° 18'W. 380 ft. 1926-1950*†			WORCESTER (PERDISWELL) Worcestershire 52° 13'N. 2° 13'W. 94 ft. 1926-1950*†			HEREFORD Herefordshire 52° 5'N. 2° 45'W. 292 ft. 1921-1950*			ROSS-ON-WYE Herefordshire 51° 55'N. 2° 35'W. 223 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	43.8	35.0	39.4	45.0	33.5	39.3	44.5	33.6	39.1	44.4	36.3	40.4
F.	44.3	35.2	39.7	45.8	33.9	39.8	45.4	33.6	39.5	45.3	35.8	40.6
M.	49.6	37.5	43.6	51.0	34.8	42.9	50.4	34.9	42.7	50.4	36.8	43.6
A.	54.7	40.9	47.8	56.1	38.8	47.5	55.5	38.6	47.1	55.2	40.1	47.7
M.	61.0	45.4	53.2	62.7	43.1	52.9	61.6	43.1	52.3	61.3	44.4	52.9
J.	67.1	51.0	59.0	68.6	48.5	58.8	67.7	48.4	58.0	67.1	49.9	58.5
J.	69.7	54.8	62.3	71.6	52.6	62.1	70.3	52.1	61.2	69.8	53.6	61.7
A.	69.0	54.3	61.7	70.8	51.5	61.1	69.1	51.5	60.3	69.0	52.9	60.9
S.	64.0	50.7	57.4	65.8	47.7	56.8	64.5	47.8	56.2	64.6	49.7	57.1
O.	56.1	45.1	50.6	58.0	42.2	50.1	56.6	42.3	49.5	56.9	44.3	50.6
N.	48.3	39.6	43.9	49.8	37.1	43.4	49.1	37.3	43.2	49.0	39.9	44.5
D.	44.5	36.4	40.4	45.5	34.6	40.1	45.2	34.7	40.0	44.7	37.2	41.0
Y.	56.0	43.8	49.9	57.6	41.5	49.5	56.7	41.5	49.1	56.5	43.4	49.9

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
MIDLAND COUNTIES AND ENGLAND, SOUTH-EAST

	CHELTENHAM Gloucestershire 51° 54'N. 2° 3'W. 214 ft. 1926-1950*†			FRAMPTON COTTERELL Gloucestershire 51° 32'N. 2° 29'W. 158 ft. 1921-1950			CAMDEN SQUARE London 51° 33'N. 0° 8'W. 110 ft. 1921-1950			EAST HAM London 51° 32'N. 0° 4'E. 15 ft. 1921-1950*		
	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	44.7	34.8	39.7	45.1	34.2	39.6	44.6	35.9	40.2	45.1	35.2	40.2
F.	45.5	34.6	40.1	45.8	34.3	40.0	45.6	35.7	40.6	45.9	35.1	40.5
M.	50.8	36.2	43.5	51.3	35.8	43.5	51.5	37.7	44.6	51.1	36.9	44.0
A.	55.8	39.7	47.7	56.5	39.2	47.9	57.2	41.9	49.6	56.5	40.9	48.7
M.	62.5	44.6	53.5	62.8	43.7	53.3	64.7	46.9	55.8	63.4	45.5	54.5
J.	68.3	50.3	59.3	68.7	49.4	59.1	70.4	52.8	61.6	69.3	51.6	60.4
J.	70.9	54.2	62.6	70.9	53.2	62.1	73.4	56.5	65.0	72.8	55.6	64.2
A.	70.4	53.6	62.0	70.2	52.5	61.3	72.7	55.8	64.3	72.1	54.9	63.5
S.	65.4	49.9	57.6	65.5	48.8	57.2	67.4	52.2	59.8	67.1	51.4	59.3
O.	57.3	43.8	50.6	57.9	43.0	50.5	58.7	46.0	52.4	58.9	45.2	52.1
N.	49.3	38.4	43.9	49.8	37.7	43.7	49.7	40.3	45.0	50.3	39.6	44.9
D.	45.1	35.6	40.4	45.5	35.1	40.3	45.1	37.0	41.1	45.7	36.3	41.0
Y.	57.2	43.0	50.1	57.5	42.2	49.9	58.4	44.9	51.7	58.2	44.0	51.1
	GREENWICH OBSERVATORY† London 51° 29'N. 0° 0' 149 ft. 1921-1950			HAMPSTEAD London 51° 34'N. 0° 11'W. 450 ft. 1921-1950			KENSINGTON PALACE London 51° 30'N. 0° 10'W. 81 ft. 1921-1950			WESTMINSTER (ST. JAMES' S PARK) London 51° 30'N. 0° 8'W. 27 ft. 1921-1950*		
	Max. 0-24	Min. 0-24	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	44.3	35.4	39.8	43.0	33.4	38.2	44.7	36.8	40.7	45.8	36.4	41.1
F.	45.5	34.9	40.3	43.9	33.4	38.6	45.8	36.4	41.1	46.5	36.3	41.4
M.	51.0	36.5	43.7	49.2	35.5	42.4	51.2	38.2	44.7	51.6	38.4	45.0
A.	56.2	40.1	48.1	54.7	39.3	47.0	56.8	42.0	49.4	57.0	42.5	49.7
M.	62.9	44.8	53.9	61.3	44.2	52.7	63.6	46.8	55.2	63.6	47.5	55.6
J.	69.1	50.6	59.9	67.2	49.7	58.5	69.4	52.5	61.0	69.1	53.2	61.1
J.	72.9	54.6	63.7	70.6	53.6	62.1	72.7	56.2	64.5	72.3	57.0	64.7
A.	72.1	54.0	63.0	69.8	53.1	61.5	72.0	55.6	63.8	71.7	56.4	64.1
S.	66.7	50.5	58.6	64.7	49.9	57.3	66.9	52.2	59.6	66.9	53.0	60.0
O.	58.1	44.3	51.3	56.5	43.8	50.2	58.6	46.4	52.5	58.9	46.9	52.9
N.	49.4	39.2	44.3	48.2	37.9	43.1	49.8	40.8	45.3	50.8	40.7	45.7
D.	44.7	36.1	40.4	43.5	34.4	38.9	45.1	37.5	41.3	46.3	37.3	41.8
Y.	57.7	43.4	50.6	56.1	42.3	49.2	58.0	45.1	51.6	58.4	45.5	51.9

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-EAST

	ENFIELD Middlesex 51° 40'N. 0° 10'W. 39 ft. 1921-1946*			WEALDSTONE Middlesex 51° 36'N. 0° 21'W. 195 ft. 1921-1950			ADDINGTON Surrey 51° 22'N. 0° 4'W. 473 ft. 1921-1950*			CROYDON Surrey 51° 21'N. 0° 7'W. 217 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.3	33.9	39.1	44.7	34.4	39.6	43.4	34.1	38.7	44.0	36.1	40.1
F.	45.3	34.3	39.8	45.9	34.6	40.2	44.0	33.9	39.0	45.2	35.7	40.4
M.	51.2	36.0	43.6	51.2	36.2	43.7	49.0	36.1	42.5	50.5	36.9	43.7
A.	56.8	40.3	48.6	56.5	39.9	48.2	54.4	39.7	47.1	55.7	40.6	48.2
M.	63.7	44.9	54.3	63.3	44.8	54.1	61.0	44.4	52.7	62.2	45.2	53.7
J.	69.5	50.9	60.2	68.9	50.3	59.6	66.9	49.9	58.4	68.1	50.9	59.5
J.	72.7	54.8	63.7	72.2	54.3	63.3	70.3	53.8	62.0	71.5	54.6	63.0
A.	72.0	54.1	63.0	71.3	53.2	62.3	69.4	53.6	61.5	70.8	54.2	62.5
S.	66.9	50.2	58.5	66.5	50.1	58.3	64.7	50.4	57.5	66.0	51.1	58.6
O.	58.0	43.9	51.0	58.3	43.9	51.1	56.7	44.4	50.5	57.9	45.2	51.6
N.	49.4	38.1	43.8	49.9	38.7	44.3	48.7	38.7	43.6	49.2	40.1	44.7
D.	44.7	35.1	39.9	45.2	35.5	40.3	43.7	34.9	39.3	44.3	37.0	40.7
Y.	57.9	43.0	50.5	57.8	43.0	50.4	56.0	42.8	49.4	57.1	44.0	50.6
	KEW OBSERVATORY Surrey 51° 28'N. 0° 19'W. 18 ft. 1921-1950			WISLEY Surrey 51° 17'N. 0° 26'W. 150 ft. 1921-1950			BROMLEY Kent 51° 24'N. 0° 1'E. 213 ft. 1927-1950*			CANTERBURY Kent 51° 17'N. 0° 5'E. 135 ft. 1921-1944†		
	Max. 0-24	Min. 0-24	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.5	35.7	40.1	44.8	34.4	39.6	44.9	34.6	39.7	44.6	34.5	39.6
F.	45.3	35.5	40.4	45.7	34.4	40.1	45.7	34.4	40.1	45.6	34.9	40.3
M.	50.3	37.3	43.8	51.3	35.9	43.6	50.9	36.5	43.7	51.0	36.3	43.6
A.	55.4	41.1	48.3	56.5	39.4	48.0	56.4	40.3	48.4	56.3	40.5	48.4
M.	62.5	46.1	54.3	63.5	44.1	53.8	63.2	45.1	54.1	62.7	44.8	53.7
J.	68.3	52.0	60.2	69.2	49.5	59.3	69.3	50.8	60.0	68.4	50.3	59.3
J.	71.7	55.9	63.8	72.4	53.4	62.9	72.6	54.7	63.6	72.2	54.3	63.3
A.	70.6	55.0	62.8	71.6	52.8	62.2	71.6	53.9	62.8	71.5	53.9	62.7
S.	65.5	51.2	58.3	66.5	49.4	58.0	66.8	50.4	58.6	67.1	50.5	58.8
O.	57.5	44.9	51.2	58.3	43.5	50.9	58.6	44.5	51.5	58.9	44.6	51.7
N.	49.3	39.7	44.5	49.8	38.1	44.0	49.9	38.9	44.4	50.2	39.2	44.7
D.	45.0	36.6	40.8	45.0	35.2	40.1	45.3	35.5	40.4	45.3	35.7	40.5
Y.	57.2	44.2	50.7	57.9	42.5	50.2	57.9	43.3	50.6	57.8	43.3	50.5

\* Values for a few months missing.  
† Period for maximum temperature 1921-45.

‡ See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-EAST

	DOVER Kent 51° 7'N. 1° 19'E. 19 ft. 1926-1950†			DUNGENESS Kent 50° 55'N. 0° 58'E. 20 ft. 1921-1950*			EAST MALLING Kent 51° 17'N. 0° 24'E. 122 ft. 1925-1950†			LYMPNE Kent 51° 5'N. 1° 1'E. 341 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.8	36.7	40.7	44.5	36.5	40.5	44.3	33.3	38.8	42.7	35.1	38.9
F.	45.1	36.3	40.7	45.0	35.9	40.4	45.1	33.9	39.5	43.6	34.8	39.2
M.	48.6	38.0	43.3	48.2	37.1	42.6	50.2	35.1	42.6	48.3	36.5	42.4
A.	53.7	42.0	47.9	53.0	40.9	47.0	55.6	38.8	47.2	53.2	39.9	46.6
M.	59.5	46.9	53.2	58.3	45.7	52.0	61.9	43.1	52.5	59.2	44.7	51.9
J.	64.6	52.1	58.3	64.0	51.2	57.6	68.2	48.3	58.2	64.7	49.7	57.2
J.	68.4	56.2	62.3	67.5	55.4	61.4	71.5	52.6	62.0	68.7	53.8	61.3
A.	68.7	56.0	62.3	68.2	55.7	62.0	70.7	51.6	61.2	68.4	54.0	61.2
S.	65.6	53.3	59.4	65.6	52.6	59.1	65.5	48.1	56.8	64.6	50.9	57.8
O.	58.6	47.8	53.2	58.7	47.4	53.1	58.2	42.2	50.2	56.9	45.6	51.3
N.	50.8	41.8	46.3	51.0	41.4	46.2	49.6	37.1	43.3	48.7	39.9	44.3
D.	45.9	37.7	41.8	45.6	37.3	41.5	44.9	34.5	39.7	43.5	36.1	39.8
Y.	56.2	45.4	50.8	55.8	44.8	50.3	57.2	41.5	49.3	55.2	43.4	49.3
	MARGATE Kent 51° 24'N. 1° 24'E. 51 ft. 1926-40*; 1943-50†			TUNBRIDGE WELLS Kent 51° 8'N. 0° 16'E. 351 ft. 1926-1950†			WYE Kent 51° 11'N. 0° 57'E. 164 ft. 1925-1950*†			BEACHY HEAD Sussex 50° 44'N. 0° 15'E. 502 ft. 1925-1950*†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.0	37.0	41.0	44.0	32.9	38.5	44.0	33.4	38.7	43.4	36.3	39.9
F.	45.2	37.0	41.1	44.8	32.9	38.9	45.0	33.8	39.4	43.3	35.6	39.4
M.	48.6	39.0	43.8	50.2	34.6	42.4	49.9	35.5	42.7	46.6	37.3	41.9
A.	53.4	43.1	48.3	55.6	38.4	47.0	55.4	39.4	47.4	51.3	40.5	45.9
M.	58.1	47.7	52.9	62.4	43.6	53.0	61.5	43.7	52.6	56.7	45.2	51.0
J.	65.0	53.2	59.1	67.9	49.0	58.4	67.3	49.4	58.3	61.8	50.7	56.2
J.	69.6	57.1	63.4	71.2	52.9	62.0	71.1	53.1	62.1	64.7	54.5	59.6
A.	69.3	57.6	63.5	70.5	52.6	61.5	70.6	52.8	61.7	65.7	55.3	60.5
S.	65.6	54.7	60.1	65.9	49.2	57.6	66.3	49.4	57.8	62.8	52.6	57.7
O.	58.2	49.1	53.7	57.7	43.1	50.4	58.1	43.5	50.8	56.5	47.2	51.9
N.	50.6	42.4	46.5	49.1	37.2	43.1	49.9	37.8	43.8	49.4	41.3	45.4
D.	45.8	38.2	42.0	44.3	34.0	39.1	44.8	34.4	39.6	44.7	37.2	40.9
Y.	56.2	46.3	51.3	57.0	41.7	49.3	57.0	42.2	49.6	53.9	44.5	49.2

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-EAST

	BEXHILL Sussex 50° 50'N. 0° 28'E. 12 ft. 1926-1950*			BOGNOR REGIS Sussex 50° 47'N. 0° 41'W. 24 ft. 1921-1950			EASTBOURNE Sussex 50° 46'N. 0° 17'E. 35 ft. 1921-41; 1946-50†			HASTINGS Sussex 50° 51'N. 0° 34'E. 149 ft. 1926-44; 1947-50*†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.1	36.2	40.6	45.4	36.6	41.0	45.2	37.4	41.3	44.9	36.7	40.8
F.	45.1	36.3	40.7	45.4	36.5	40.9	45.3	36.8	41.1	45.1	36.3	40.7
M.	48.7	38.0	43.3	48.8	38.2	43.5	49.0	38.3	43.7	48.9	38.3	43.6
A.	53.5	41.8	47.6	53.5	41.8	47.6	53.8	42.3	48.0	53.7	41.7	47.7
M.	59.5	47.0	53.3	59.1	46.9	53.0	59.4	47.3	53.3	59.9	46.6	53.3
J.	64.7	52.5	58.6	64.8	52.4	58.6	64.5	52.7	58.6	65.2	52.0	58.6
J.	67.6	56.2	61.9	67.8	56.1	61.9	67.8	56.7	62.3	68.6	55.7	62.2
A.	68.0	56.3	62.2	68.0	56.2	62.1	68.3	56.8	62.5	68.8	55.1	62.0
S.	64.8	53.2	59.0	64.9	52.8	58.9	65.3	53.5	59.4	65.5	53.2	59.3
O.	58.1	47.5	52.8	58.2	47.3	52.7	58.6	47.9	53.2	58.5	47.6	53.0
N.	50.9	41.5	46.2	51.0	41.2	46.1	51.0	42.0	46.5	51.0	41.6	46.3
D.	46.0	37.2	41.7	46.4	37.6	42.0	46.1	38.3	42.2	46.0	37.6	41.8
Y.	56.0	45.3	50.6	56.1	45.3	50.7	56.2	45.8	51.0	56.3	45.2	50.8
	LITTLEHAMPTON Sussex 50° 48'N. 0° 32'W. 15 ft. 1926-1950*			WORTHING Sussex 50° 49'N. 0° 22'W. 25 ft. 1926-1950*			READING UNIVERSITY Berkshire 51° 27'N. 0° 58'W. 152 ft. 1921-1950*			READING (SHINFIELD) Berkshire 51° 25'N. 0° 57'W. 200 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.6	35.7	40.6	45.2	36.7	40.9	45.2	34.3	39.8	44.7	33.5	39.1
F.	45.7	35.6	40.7	45.3	36.4	40.9	46.3	34.5	40.4	45.6	33.7	39.6
M.	49.5	37.3	43.4	49.3	38.2	43.8	51.8	36.1	44.0	50.9	35.1	43.0
A.	54.2	41.1	47.6	54.0	42.0	48.0	56.9	40.1	48.5	56.2	38.9	47.6
M.	60.0	46.2	53.1	59.8	47.2	53.5	63.7	44.8	54.3	63.0	43.6	53.3
J.	65.4	51.8	58.6	65.5	52.8	59.1	69.2	50.5	59.9	68.7	49.2	58.9
J.	68.2	55.5	61.9	68.3	56.6	62.5	72.3	54.1	63.2	71.9	53.0	62.4
A.	68.5	55.5	62.0	68.7	56.6	62.6	71.5	53.4	62.5	71.4	52.2	61.8
S.	65.4	52.1	58.7	65.4	53.4	59.4	66.8	49.9	58.3	66.4	48.8	57.6
O.	58.6	46.4	52.5	58.3	47.5	52.9	58.8	43.8	51.3	58.3	42.8	50.5
N.	51.0	40.3	45.7	50.9	41.5	46.2	50.2	38.3	44.3	49.8	37.4	43.6
D.	46.5	36.6	41.6	46.2	37.5	41.8	45.7	35.3	40.5	45.3	34.5	39.9
Y.	56.5	44.5	50.5	56.4	45.5	51.0	58.2	42.9	50.6	57.7	41.9	49.8

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-EAST

	BOURNEMOUTH Hampshire 50° 43'N. 1° 53'W. 139 ft. 1926-1950*			CALSHOT Hampshire 50° 49'N. 1° 18'W. 8 ft. 1921-40; 1946-50*†			LONG SUTTON Hampshire 51° 12'N. 0° 56'W. 479 ft. 1924-1950*†			PETERSFIELD Hampshire 51° 2'N. 0° 57'W. 747 ft. 1922-1946†		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.1	35.9	42.0	45.4	37.8	41.6	44.0	33.0	38.5	42.4	33.6	38.0
F.	46.6	35.9	41.3	45.7	37.1	41.4	44.8	32.7	38.7	42.9	33.3	38.1
M.	51.3	37.3	44.3	49.4	38.0	43.7	50.5	34.6	42.7	48.2	35.5	41.9
A.	56.3	40.7	48.5	54.7	41.8	48.3	55.7	38.2	46.9	53.3	38.8	46.0
M.	61.9	45.5	53.7	60.7	46.8	53.7	62.3	42.8	52.5	60.3	43.8	52.1
J.	67.7	51.0	59.3	66.4	52.3	59.3	68.2	48.4	58.3	66.0	49.3	57.7
J.	70.5	54.9	62.7	69.3	55.9	62.6	71.1	52.5	61.8	68.9	52.9	60.9
A.	70.3	54.5	62.4	68.8	55.9	62.4	70.4	52.2	61.3	68.2	52.8	60.5
S.	66.1	51.0	58.5	65.6	53.1	59.4	65.7	48.8	57.2	63.4	49.8	56.6
O.	58.5	45.7	52.1	58.4	47.7	53.1	57.4	43.0	50.2	55.5	43.7	49.6
N.	51.0	40.1	45.5	50.7	42.3	46.5	48.8	37.3	43.1	47.4	38.1	42.7
D.	46.5	36.8	41.7	46.1	38.8	42.4	44.5	34.1	39.3	42.8	34.5	38.7
Y.	57.7	44.1	50.9	56.8	45.6	51.2	57.0	41.5	49.2	54.9	42.2	48.6
	PORTSMOUTH (SOUTHSEA) Hampshire 50° 48'N. 1° 6'W. 7 ft. 1926-1950*			SOUTHAMPTON Hampshire 50° 55'N. 1° 24'W. 65 ft. 1921-1950*			SOUTH FARNBOROUGH Hampshire 51° 17'N. 0° 45'W. 226 ft. 1921-1950			NEWPORT Isle of Wight 50° 42'N. 1° 18'W. 60 ft. 1922-1950*†		
	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.2	37.4	41.8	45.9	35.6	40.8	44.3	34.9	39.6	45.9	35.3	40.6
F.	46.5	37.0	41.7	46.8	35.4	41.1	45.6	34.4	40.0	46.5	35.2	40.9
M.	50.8	38.7	44.8	51.4	37.0	44.2	51.4	35.2	43.3	51.3	36.3	43.8
A.	55.8	42.5	49.2	56.5	40.8	48.7	56.6	38.7	47.6	56.8	39.8	48.3
M.	62.0	47.6	54.8	62.9	45.8	54.3	63.2	43.5	53.3	62.8	44.3	53.6
J.	67.4	53.5	60.5	68.3	51.4	59.8	69.0	49.1	59.0	68.6	49.6	59.1
J.	70.3	57.1	63.7	70.7	54.9	62.8	72.2	52.8	62.5	71.3	53.7	62.5
A.	70.2	57.0	63.6	70.6	54.7	62.7	71.5	52.0	61.8	71.1	53.2	62.2
S.	66.4	53.8	60.1	66.4	51.0	58.7	66.6	48.6	57.6	66.9	49.9	58.4
O.	59.0	47.9	53.5	58.9	45.2	52.1	58.3	43.2	50.7	59.4	44.7	52.0
N.	51.4	41.6	46.5	51.0	39.8	45.4	49.4	38.5	44.0	51.2	39.0	45.1
D.	46.8	38.2	42.5	46.4	36.6	41.5	44.5	35.7	40.1	46.4	36.1	41.3
Y.	57.7	46.0	51.9	58.0	44.0	51.0	57.7	42.2	50.0	58.2	43.1	50.6

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-EAST

	RYDE Isle of Wight 50° 44'N. 1° 10'W. 13 ft. 1921-1950			ST. CATHERINE'S PT. Isle of Wight 50° 35'N. 1° 17'W. 150 ft. 1925-1950†			SANDOWN Isle of Wight 50° 39'N. 1° 9'W. 13 ft. 1921-1950			TOTLAND BAY Isle of Wight 50° 41'N. 1° 33'W. 140 ft. 1921-1947*†		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.2	37.4	41.8	45.2	38.1	41.6	46.6	37.6	42.1	45.9	37.5	41.7
F.	46.1	37.2	41.7	45.0	37.1	41.1	46.5	37.3	41.9	45.7	36.9	41.3
M.	49.9	38.6	44.3	48.4	38.6	43.5	49.7	38.6	44.1	49.5	38.2	43.8
A.	55.1	42.4	48.7	52.6	41.4	47.0	54.6	42.1	48.3	54.0	41.5	47.8
M.	61.1	47.3	54.2	58.2	46.2	52.2	60.4	47.4	53.9	59.9	46.0	52.9
J.	66.8	52.8	59.8	63.1	51.6	57.3	65.9	52.7	59.3	65.2	51.7	58.4
J.	69.8	56.5	63.2	65.9	55.3	60.6	68.9	56.2	62.5	67.7	55.7	61.7
A.	69.6	56.5	63.0	66.8	55.8	61.3	69.2	56.4	62.8	68.1	55.9	62.0
S.	65.5	53.4	59.5	64.2	53.4	58.8	65.7	53.3	59.5	64.9	52.9	58.9
O.	58.6	48.0	53.3	58.1	48.4	53.3	59.1	48.0	53.6	58.2	47.9	53.0
N.	51.4	42.2	46.8	50.9	42.8	46.9	51.9	42.2	47.1	51.0	42.1	46.6
D.	47.0	38.4	42.7	46.2	39.1	42.7	47.5	38.5	43.0	46.8	38.6	42.7
Y.	57.3	45.9	51.6	55.4	45.7	50.5	57.2	45.9	51.5	56.4	45.4	50.9
	VENTNOR HOSPITAL Isle of Wight 50° 36'N. 1° 13'W. 60 ft. 1921-1950			LARKHILL Wiltshire 51° 11'N. 1° 48'W. 431 ft. 1921-1950			MARLBOROUGH Wiltshire 51° 25'N. 1° 44'W. 424 ft. 1921-1950			PORTON Wiltshire 51° 7'N. 1° 42'W. 363 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9§	Min. 9-9§	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.5	38.7	42.6	44.0	33.4	38.7	44.2	32.7	38.4	44.5	32.6	38.5
F.	46.5	38.1	42.3	44.8	33.4	39.1	44.9	33.1	39.0	45.3	32.7	39.0
M.	50.0	39.7	44.9	49.9	34.9	42.4	50.1	33.9	42.0	50.5	34.1	42.3
A.	54.6	42.9	48.8	54.7	38.4	46.5	55.1	37.1	46.1	55.4	37.5	46.5
M.	60.3	47.7	54.0	60.8	43.0	51.9	61.5	41.7	51.6	61.6	42.1	51.8
J.	65.2	53.2	59.2	66.4	48.6	57.5	67.2	47.1	57.1	67.4	47.5	57.5
J.	67.8	56.9	62.4	69.4	52.3	60.9	70.1	50.8	60.4	70.4	51.3	60.8
A.	68.5	57.4	62.9	68.9	51.9	60.4	69.4	49.8	59.6	69.8	50.8	60.3
S.	65.4	54.9	60.1	64.3	48.7	56.5	64.9	46.4	55.6	65.2	47.7	56.4
O.	59.1	49.8	54.4	56.8	43.1	50.0	57.1	40.9	49.0	57.5	42.1	49.8
N.	52.0	43.7	47.9	48.9	37.5	43.2	49.1	36.0	42.6	49.5	36.6	43.0
D.	47.7	39.8	43.7	44.5	34.3	39.4	44.8	33.5	39.1	44.9	33.5	39.2
Y.	57.0	46.9	51.9	56.1	41.6	48.9	56.5	40.2	48.4	56.8	40.7	48.8

\* Values for a few months missing.  
§ 8-8 from April 1, 1948.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, NORTH-WEST

	KESWICK Cumberland 54° 36'N. 3° 9'W. 254 ft. 1921-1950			NEWTON RIGG Cumberland 54° 40'N. 2° 47'W. 560 ft. 1921-1947*†			APPLEBY Westmorland 54° 34'N. 2° 30'W. 440 ft. 1921-1946*†			BLACKPOOL Lancashire 53° 49'N. 3° 3'W. 65 ft. 1926-1949†		
	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.0	34.3	39.6	42.2	32.2	37.2	42.0	31.1	36.6	43.8	35.3	39.6
F.	45.0	34.0	39.5	43.0	32.4	37.7	43.2	31.4	37.3	44.2	35.7	39.9
M.	49.0	35.8	42.4	47.6	33.8	40.7	48.2	33.3	40.8	48.6	37.2	42.9
A.	52.6	38.8	45.7	52.0	37.0	44.5	52.8	36.5	44.7	52.7	40.8	46.8
M.	59.0	43.3	51.1	59.1	41.1	50.1	59.3	41.4	50.3	58.9	44.4	51.7
J.	63.9	48.6	56.2	64.2	46.4	55.3	64.6	45.9	55.3	63.3	50.4	56.9
J.	66.0	52.9	59.5	66.5	50.6	58.5	66.6	50.3	58.4	66.3	55.2	60.7
A.	65.6	52.1	58.8	65.4	49.6	57.5	65.7	49.4	57.5	66.1	54.2	60.2
S.	61.5	49.1	54.8	61.0	45.9	53.4	61.1	46.0	53.5	62.6	50.1	56.3
O.	55.4	43.4	49.4	54.3	40.8	47.5	54.1	40.4	47.2	56.2	45.7	50.9
N.	49.2	37.9	43.6	46.7	36.0	41.3	48.9	34.9	40.9	48.9	40.0	44.5
D.	45.9	35.5	40.7	43.3	33.4	38.3	43.0	32.6	37.8	45.0	36.9	41.0
Y.	54.8	42.1	48.4	53.8	39.9	46.8	54.0	39.4	46.7	54.7	43.8	49.3
	BOLTON Lancashire 53° 35'N. 2° 27'W. 342 ft. 1921-1950			BURNLEY Lancashire 53° 48'N. 2° 15'W. 458 ft. 1921-1950			DARWEN Lancashire 53° 41'N. 2° 28'W. 724 ft. 1921-1950*			HUTTON Lancashire 53° 44'N. 2° 45'W. 82 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.1	33.9	38.5	42.3	33.1	37.7	41.5	33.5	37.5	43.7	34.0	38.8
F.	43.7	34.0	38.8	42.7	33.3	38.0	41.8	33.0	37.4	44.5	34.5	39.5
M.	48.4	35.8	42.1	47.2	34.7	40.9	46.8	34.9	40.9	49.1	36.0	42.5
A.	53.2	39.3	46.2	51.8	37.9	44.9	51.6	37.9	44.7	53.5	39.1	46.3
M.	59.8	43.7	51.8	58.6	42.2	50.4	58.9	42.2	50.5	59.8	43.3	51.6
J.	65.2	48.9	57.1	63.8	47.8	55.8	64.6	47.8	56.2	64.8	48.9	56.3
J.	67.7	52.9	60.3	66.5	52.1	59.3	66.9	51.8	59.4	67.3	53.0	60.1
A.	66.9	52.3	59.6	65.7	51.5	58.6	65.9	51.2	58.6	66.9	52.5	59.7
S.	62.6	49.1	55.8	61.2	48.0	54.6	61.2	47.8	54.5	62.7	49.0	55.9
O.	55.2	43.8	49.5	54.4	42.8	48.6	53.7	42.6	48.2	55.9	43.8	49.8
N.	47.9	38.1	43.0	47.1	37.1	42.1	46.3	37.5	41.9	48.5	38.0	43.3
D.	44.0	35.3	39.7	43.3	34.5	38.9	42.5	34.8	38.7	44.7	35.5	40.1
Y.	54.8	42.3	48.5	53.7	41.2	47.5	53.5	41.2	47.4	55.1	42.3	49.7

\* Values for a few months missing.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, NORTH-WEST

	LEYLAND Lancashire 53° 41'N. 2° 42'W. 125 ft. 1921-1945†			MANCHESTER (WHITWORTH PARK) Lancashire 53° 28'N. 2° 14'W. 125 ft. 1921-1950*			MORECAMBE Lancashire 54° 4'N. 2° 52'W. 23 ft. 1926-1950†			SOUTHPORT (BEDFORD RD. PARK) Lancashire 53° 37'N. 3° 0'W. 35 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	43.8	33.5	38.7	44.3	35.7	40.0	43.5	35.1	39.3	44.3	34.9	39.6
F.	44.5	33.9	39.2	44.9	35.5	40.2	43.9	35.1	39.5	44.7	35.2	40.0
M.	49.2	35.5	42.3	49.5	37.4	43.5	47.8	37.0	42.4	49.0	36.6	42.8
A.	53.7	38.8	46.2	54.1	40.8	47.5	52.0	41.1	46.6	53.4	40.4	46.9
M.	59.8	42.8	51.3	60.7	45.2	52.9	59.0	45.8	52.4	59.6	44.2	51.9
J.	64.6	48.4	56.5	66.2	50.8	58.5	63.6	51.4	57.5	64.3	50.0	57.2
J.	67.1	52.5	59.8	68.8	54.5	61.6	66.3	55.3	60.8	67.1	54.3	60.7
A.	66.6	51.7	59.1	68.0	53.6	60.8	65.8	55.0	60.4	66.7	53.6	60.1
S.	62.7	48.8	55.7	63.5	50.3	56.9	62.1	51.1	56.6	63.0	50.1	56.5
O.	55.9	43.6	49.7	56.3	44.8	50.5	55.6	45.4	50.5	56.4	44.7	50.5
N.	48.4	37.5	42.9	48.8	39.4	44.1	48.4	39.3	43.9	49.1	39.0	44.1
D.	44.6	34.9	39.7	44.9	36.6	40.7	44.8	36.6	40.7	45.2	36.3	40.8
Y.	55.1	41.8	48.4	55.8	43.7	49.8	54.4	44.0	49.2	55.2	43.3	49.3
	STONYHURST Lancashire 53° 51'N. 2° 28'W. 377 ft. 1921-1950			HOYLAKES Cheshire 53° 23'N. 3° 12'W. 23 ft. 1921-1950*			LIVERPOOL (BIDSTON) Cheshire 53° 24'N. 3° 4'W. 198 ft. 1921-1950			MACCLESFIELD Cheshire 53° 16'N. 2° 8'W. 500 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.6	33.8	38.2	45.4	35.6	40.5	44.0	35.9	40.0	42.3	33.0	37.7
F.	42.9	33.9	38.4	45.5	35.7	40.6	44.0	35.9	40.0	43.0	33.2	38.1
M.	47.2	35.7	41.5	49.7	37.1	43.4	47.9	37.8	42.8	48.1	35.2	41.7
A.	51.8	39.1	45.4	53.9	40.7	47.3	52.2	41.5	46.8	52.8	38.5	45.7
M.	58.6	43.8	51.2	60.0	44.4	52.2	58.2	45.9	52.1	59.7	43.1	51.4
J.	63.5	49.2	56.4	65.2	50.4	57.8	63.1	51.3	57.2	65.3	48.8	57.1
J.	66.1	53.2	59.6	68.0	54.4	61.2	65.9	54.9	60.4	68.0	52.6	60.3
A.	65.1	52.6	58.9	67.4	54.0	60.7	65.2	54.5	59.9	67.3	52.0	59.6
S.	60.8	49.2	55.0	63.4	50.6	57.0	61.3	51.5	56.4	62.3	48.5	55.4
O.	54.1	43.9	49.0	56.8	45.4	51.1	54.8	45.9	50.4	54.7	42.9	48.8
N.	47.3	38.1	42.7	49.9	39.7	44.8	48.4	40.5	44.4	47.1	37.1	42.1
D.	43.6	35.3	39.5	46.2	36.9	41.6	44.9	37.5	41.2	43.0	34.3	38.7
Y.	53.6	42.3	48.0	55.9	43.7	49.8	54.2	44.4	49.3	54.5	41.6	48.0

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, NORTH-WEST and WALES

	WEST KIRBY Cheshire 53° 22'N. 3° 11'W. 25 ft. 1926-1950†			HAWARDEN BRIDGE Flintshire 53° 12'N. 3° 1'W. 17 ft. 1921-1950			RHYL Flintshire 53° 19'N. 3° 29'W. 31 ft. 1926-1950†			HOLYHEAD Anglesey 53° 19'N. 4° 37'W. 26 ft.‡ 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.2	35.3	39.7	45.8	35.1	40.5	46.7	36.4	41.5	46.0	39.9	43.0
F.	44.7	35.2	39.9	46.2	35.5	40.8	46.4	36.4	41.4	45.8	39.1	42.4
M.	49.3	36.6	43.0	50.5	36.8	43.7	49.8	37.9	43.9	48.7	39.9	44.3
A.	53.8	40.6	47.2	55.0	40.5	47.8	53.2	41.3	47.3	51.7	42.5	47.1
M.	59.9	44.6	52.2	60.9	44.4	52.7	58.9	45.1	52.0	56.5	46.1	51.3
J.	65.4	50.6	58.0	66.1	50.1	58.1	63.9	50.5	57.2	60.8	51.0	55.9
J.	68.4	54.9	61.7	68.9	54.0	61.5	66.8	54.3	60.6	63.7	54.4	59.1
A.	68.3	54.5	61.4	68.5	53.3	60.9	66.7	54.1	60.4	64.4	54.9	59.6
S.	64.2	50.8	57.5	64.4	49.8	57.1	63.1	51.0	57.1	61.6	52.7	57.2
O.	56.6	45.2	50.9	57.4	44.4	50.9	57.1	45.9	51.5	56.5	48.8	52.6
N.	48.9	39.6	44.2	50.2	39.2	44.7	50.8	40.4	45.6	50.9	44.2	47.5
D.	45.1	36.8	40.9	46.5	36.3	41.4	47.3	37.9	42.6	47.3	41.7	44.5
Y.	55.7	43.7	49.7	56.7	43.3	50.0	55.9	44.3	50.1	54.5	46.3	50.4
	COLWYN BAY Denbighshire 53° 16'N. 3° 44'W. 118 ft. 1926-1950†			ABER Caernarvonshire 53° 14'N. 4° 1'W. 60 ft. 1925-1950†			LLANDUDNO Caernarvonshire 53° 20'N. 3° 50'W. 13 ft. 1926-1950†			WELSHPOOL Montgomeryshire 52° 39'N. 3° 8'W. 254 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.6	37.7	42.1	47.5	38.4	42.9	47.0	38.4	42.7	45.4	32.8	39.1
F.	46.4	37.3	41.9	46.8	37.5	42.2	46.5	37.7	42.1	45.9	33.1	39.5
M.	50.0	38.8	44.4	50.1	39.2	44.6	49.6	39.2	44.4	50.4	34.5	42.4
A.	53.4	41.9	47.6	53.1	42.0	47.5	52.9	42.3	47.6	55.3	37.9	46.6
M.	58.2	45.8	52.0	57.9	46.0	51.9	57.9	46.2	52.1	61.8	42.0	51.9
J.	63.5	51.1	57.3	63.2	50.6	56.9	63.0	51.5	57.2	67.4	46.9	57.1
J.	66.6	54.9	60.7	66.0	54.2	60.1	66.1	55.0	60.5	69.7	51.0	60.4
A.	66.2	54.8	60.5	65.7	54.5	60.1	65.9	55.2	60.6	69.0	50.3	59.7
S.	62.9	51.9	57.4	62.5	51.9	57.2	62.9	52.3	57.6	64.7	46.7	55.7
O.	56.9	46.9	51.9	57.1	47.2	52.1	57.1	47.6	52.4	57.3	41.4	49.3
N.	50.8	41.6	46.2	51.2	42.0	46.6	51.2	42.2	46.7	49.9	36.3	43.1
D.	47.3	39.2	43.3	48.2	39.8	44.0	47.8	39.6	43.7	46.4	34.1	40.3
Y.	55.7	45.2	50.5	55.8	45.3	50.5	55.7	45.6	50.6	56.9	40.6	48.8

‡ From July 1941 record from Valley, 32 ft.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
WALES and ENGLAND, SOUTH-WEST

	HAVERFORDWEST Pembrokeshire 51° 45'N. 4° 58'W. 127 ft. 1921-1950*			ST ANN'S HEAD Pembrokeshire 51° 41'N- 5° 10'W. 142 ft. 1921-1950*			TENBY Pembrokeshire 51° 40'N. 4° 42'W. 64 ft. 1925-1950†			RHAYADER Radnorshire 52° 18'N. 3° 31'W. 757 ft. 1921-34; 1936-50‡		
	Max. 21-21	Min. 21-21	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	46.5	37.6	42.0	46.6	41.1	43.8	46.7	38.4	42.5	43.4	33.0	38.2
F.	46.3	36.7	41.5	45.7	39.7	42.7	46.4	37.7	42.1	43.4	32.6	38.0
M.	49.6	37.6	43.6	48.2	40.4	44.3	49.6	39.0	44.3	47.9	33.7	40.8
A.	53.2	40.5	46.8	51.4	42.8	47.1	53.9	41.9	47.9	52.1	37.1	44.6
M.	58.4	44.5	51.5	56.0	46.7	51.3	59.3	46.0	52.6	58.2	41.2	49.7
J.	63.2	49.6	56.4	60.4	51.6	56.0	64.5	50.9	57.7	63.5	46.2	54.9
J.	65.6	53.2	59.4	62.9	55.0	59.0	66.7	54.4	60.5	65.9	50.5	58.2
A.	65.9	53.2	59.5	63.5	55.8	59.7	66.7	54.5	60.6	65.2	49.9	57.6
S.	62.6	50.1	56.3	60.9	53.7	57.3	63.4	52.0	57.7	61.5	46.7	54.1
O.	56.8	45.3	51.1	56.5	49.7	53.1	57.3	47.4	52.4	54.5	41.5	48.0
N.	50.9	40.7	45.8	41.4	45.1	48.2	51.3	42.1	46.7	47.6	36.5	42.1
D.	47.5	38.3	42.9	48.0	42.3	45.2	47.9	39.5	43.7	44.0	34.4	39.2
Y.	55.5	43.9	49.7	54.3	47.0	50.6	56.1	45.3	50.7	53.9	40.3	47.1
	CARDIFF Glamorgan 51° 28'N. 3° 10'W. 203 ft. 1921-1950*			SWANSEA Glamorgan 51° 37'N. 3° 55'W. 32 ft. 1926-1950*†			NEWPORT Monmouthshire 51° 35'N. 3° 0'W. 265 ft. 1921-1950			BATH Somerset 51° 23'N. 2° 21'W. 67 ft. 1926-1950*‡		
	Max. 21-21	Min. 21-21	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	45.2	36.0	40.6	46.7	37.8	42.3	45.0	35.5	40.3	45.8	35.4	40.6
F.	45.6	35.7	40.7	46.7	37.5	42.1	45.5	35.4	40.4	46.3	35.4	40.9
M.	50.2	37.5	43.8	50.3	39.4	44.9	50.4	37.3	43.9	51.1	36.9	44.0
A.	54.9	40.8	47.8	54.8	42.6	48.7	55.8	40.9	48.3	55.9	40.9	48.4
M.	60.7	45.4	53.0	60.7	47.5	54.1	61.8	45.4	53.6	62.0	45.4	53.7
J.	66.2	50.8	58.5	66.0	52.7	59.4	67.6	50.9	59.2	67.7	51.3	59.5
J.	68.6	54.2	61.4	68.2	56.2	62.2	70.0	54.4	62.2	70.4	55.3	62.8
A.	68.1	54.1	61.1	68.1	56.2	62.1	69.3	54.0	61.6	69.8	54.4	62.1
S.	64.3	50.7	57.5	64.6	53.2	58.9	64.6	50.4	57.5	65.5	50.6	58.1
O.	57.2	45.4	51.3	58.2	47.9	53.1	57.2	44.9	51.0	58.1	44.7	51.4
N.	50.0	40.2	45.1	51.5	42.2	46.8	49.8	39.6	44.7	50.6	39.0	44.8
D.	46.0	37.1	41.6	47.7	39.1	43.4	45.8	36.7	41.2	46.3	36.2	41.2
Y.	56.4	44.0	50.2	57.0	46.0	51.5	56.9	43.8	50.3	57.5	43.8	50.6

\* Values for a few months missing.

† See Introduction.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-WEST

	LONG ASHTON Somerset 51° 26'N. 2° 40'W. 162 ft. 1921-1950			PORTLAND BILL Dorset 50° 32'N. 2° 27'W. 32 ft. 1921-1950*			SHAFTESBURY Dorset 51° 1'N. 2° 12'W. 680 ft.‡ 1921-1950*			WEYMOUTH Dorset 50° 36'N. 2° 27'W. 16 ft. 1926-1950*†		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	46.0	35.0	40.5	46.8	41.1	43.9	43.8	34.1	38.9	47.5	37.9	42.7
F.	46.3	35.0	40.6	46.0	39.6	42.8	44.2	33.8	39.0	47.2	37.8	42.5
M.	51.0	36.5	43.8	47.6	40.6	44.1	49.0	35.7	42.3	50.7	38.9	44.8
A.	55.6	39.9	47.8	51.2	43.5	47.4	53.8	38.9	46.4	55.3	42.0	48.6
M.	61.6	44.3	53.0	56.1	47.9	52.0	59.6	43.5	51.5	60.7	46.7	53.7
J.	67.2	49.9	58.6	60.8	53.2	57.0	65.3	48.9	57.1	65.8	52.4	59.1
J.	69.7	53.6	61.7	63.5	56.6	60.1	67.9	52.6	60.3	68.4	56.0	62.2
A.	69.3	53.1	61.2	64.8	57.9	61.4	67.5	52.6	60.0	68.9	56.2	62.6
S.	65.1	49.5	57.3	63.0	55.9	59.5	63.3	49.6	56.4	65.8	53.1	59.5
O.	58.1	44.0	51.1	57.8	51.3	54.6	55.9	44.2	50.1	59.5	48.0	53.8
N.	50.6	38.7	44.7	52.1	45.9	49.0	48.6	38.5	43.5	52.6	42.3	47.4
D.	46.4	35.9	41.2	48.1	42.3	45.2	44.3	35.0	39.7	48.3	38.8	43.5
Y.	57.3	43.0	50.1	54.8	48.0	51.4	55.3	42.3	48.8	57.6	45.9	51.7
	BARNSTAPLE Devonshire 51° 5'N. 4° 3'W. 25 ft. 1921-1950			CULLOMPTON Devonshire 50° 51'N. 3° 23'W. 202 ft. 1921-1950			EXMOUTH Devonshire 50° 36'N. 3° 24'W. 195 ft. 1921-1950			ILFRACOMBE Devonshire 51° 12'N. 4° 8'W. 25 ft. 1926-1950†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.	Of.
J.	49.3	37.1	43.2	46.6	35.1	40.9	46.8	37.6	42.2	47.8	40.4	44.1
F.	49.0	36.8	42.9	47.4	35.1	41.2	46.6	36.9	41.8	47.1	39.6	43.3
M.	52.3	37.8	45.0	52.1	36.4	44.3	49.6	38.3	44.0	50.1	41.0	45.6
A.	55.8	41.0	48.4	57.1	39.7	48.4	53.7	41.4	47.6	53.3	43.7	48.5
M.	60.9	45.1	53.0	63.3	44.2	53.8	59.0	46.0	52.5	58.0	47.9	53.0
J.	65.5	50.5	58.0	69.4	49.5	59.4	64.4	51.2	57.8	62.9	53.3	58.1
J.	67.5	54.2	60.8	71.6	53.0	62.3	67.2	54.7	61.0	65.6	56.8	61.2
A.	67.6	53.8	60.7	70.6	52.3	61.5	67.3	54.7	61.0	66.0	57.3	61.6
S.	64.5	50.6	57.6	66.2	49.0	57.6	64.0	51.7	57.8	63.4	54.9	59.2
O.	59.0	45.7	52.4	58.8	43.7	51.2	57.7	46.5	52.1	58.0	50.1	54.0
N.	53.2	40.4	46.8	51.3	38.3	44.8	51.3	41.1	46.2	52.4	44.6	48.5
D.	49.3	37.9	43.6	47.0	35.7	41.4	47.3	38.2	42.8	48.8	41.4	45.1
Y.	57.8	44.2	51.0	58.5	42.7	50.6	56.2	44.8	50.5	56.1	47.6	51.9

\* Values for a few months missing.  
‡ Height 722 ft. until April 1939.

† See Introduction.



AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-WEST

	NEWTON ABBOT Devonshire 50° 33'N. 3° 38'W. 375 ft. 1926-1950†			PLYMOUTH (MOUNT BATTEN) Devonshire 50° 21'N. 4° 7'W. 87 ft.† 1921-1950*			PLYMOUTH (THE HOE) Devonshire 50° 22'N. 4° 8'W. 117 ft. 1921-1950			SIDMOUTH Devonshire 50° 41'N. 3° 14'W. 25 ft. 1921-1950*		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.9	36.9	41.9	47.5	40.3	43.9	47.9	39.3	43.6	47.5	37.5	42.5
F.	46.9	36.3	41.6	47.1	39.3	43.2	47.7	38.5	43.1	47.4	37.1	42.2
M.	50.4	37.9	44.1	50.2	40.2	45.2	51.2	40.0	45.6	50.2	38.4	44.3
A.	55.0	40.5	47.8	53.7	43.0	48.4	55.1	43.0	49.1	54.4	41.5	47.9
M.	60.7	44.7	52.7	58.7	47.2	52.9	60.1	47.4	53.8	59.6	45.3	52.5
J.	66.5	49.8	58.2	63.8	52.3	58.0	65.3	52.6	58.9	64.9	51.2	58.0
J.	69.1	53.6	61.3	66.1	55.5	60.8	67.3	55.7	61.5	67.4	54.7	61.1
A.	69.2	53.1	61.2	66.4	55.4	60.9	67.6	55.7	61.6	67.5	54.6	61.1
S.	65.3	50.4	57.9	63.8	53.0	58.4	64.7	52.9	58.8	64.7	51.8	58.2
O.	58.4	45.5	52.0	58.2	48.6	53.4	58.8	48.1	53.5	58.5	46.8	52.7
N.	51.4	40.4	45.9	52.1	43.5	47.8	52.4	42.7	47.6	52.2	41.2	46.7
D.	47.5	37.4	42.5	48.3	41.1	44.7	48.6	39.8	44.2	48.2	38.1	43.1
Y.	57.3	43.9	50.6	56.3	46.6	51.5	57.2	46.3	51.8	56.9	44.8	50.9
	TAVISTOCK Devonshire 50° 33'N. 4° 10'W. 457 ft. 1921-1950*			TEIGNMOUTH Devonshire 50° 32'N. 3° 29'W. 20 ft. 1926-1950†			TORQUAY Devonshire 50° 28'N. 3° 31'W. 27 ft. 1926-1950†			BUDE Cornwall 50° 50'N. 4° 33'W. 50 ft. 1926-1950*†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	46.7	36.7	41.7	48.4	38.9	43.7	48.3	38.5	43.4	48.0	38.5	43.3
F.	46.5	36.1	41.3	47.9	38.5	43.2	48.0	38.3	43.2	47.3	38.0	42.6
M.	50.8	37.7	44.2	50.9	39.7	45.3	50.8	39.6	45.2	50.7	39.0	44.9
A.	54.8	40.2	47.5	54.9	43.0	48.9	54.9	42.7	48.8	53.8	42.3	48.0
M.	60.2	44.4	52.3	60.1	47.6	53.8	60.5	47.4	53.9	58.9	45.5	52.2
J.	65.9	49.3	57.6	66.0	52.7	59.4	65.8	52.5	59.1	63.7	51.4	57.6
J.	67.7	52.7	60.2	68.8	56.3	62.5	68.4	55.9	62.2	65.8	54.9	60.3
A.	67.4	52.5	60.0	68.8	55.9	62.3	68.5	55.7	62.1	66.2	54.6	60.4
S.	63.9	49.9	56.9	65.4	53.0	59.2	65.1	52.9	59.0	63.8	51.9	57.9
O.	57.8	45.1	51.4	59.1	48.0	53.5	59.1	48.1	53.6	58.2	47.3	52.8
N.	51.3	39.9	45.6	52.8	42.4	47.6	52.7	42.3	47.5	52.4	42.3	47.3
D.	47.4	36.9	42.2	49.1	39.6	44.4	49.0	39.3	44.2	48.7	39.4	44.1
Y.	56.7	43.4	50.1	57.7	46.3	52.0	57.6	46.1	51.9	56.5	45.4	50.9

\* Values for a few months missing. † See Introduction.  
‡ Record for November 1943 to June 1948 from Mount Wise, 72 ft.

AVERAGES OF TEMPERATURE  
TABLE I - Monthly averages of maximum, minimum and  
mean temperature, 1921-50  
ENGLAND, SOUTH-WEST AND NORTHERN IRELAND

	FALMOUTH Cornwall 50° 9'N. 5° 5'W. 167 ft. 1926-1950†			FOWEY Cornwall 50° 21'N. 4° 38'W. 51 ft. 1921-1950*			GULVAL Cornwall 50° 8'N. 5° 32'W. 20 ft. 1925-1950†			NEWQUAY Cornwall 50° 25'N. 5° 4'W. 182 ft. 1926-1950†		
	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	48.8	40.3	44.5	49.1	39.3	44.2	49.3	40.4	44.8	47.8	39.9	43.9
F.	48.5	39.7	44.1	49.1	38.8	43.9	49.0	39.7	44.4	47.4	39.2	43.3
M.	51.1	41.1	46.1	51.9	39.9	45.9	51.7	40.6	46.1	50.4	40.3	45.4
A.	54.7	43.4	49.1	55.7	42.6	49.1	55.1	43.0	49.0	53.4	43.1	48.2
M.	59.4	47.5	53.4	60.5	48.7	53.6	59.7	46.7	53.2	57.9	46.8	52.3
J.	64.9	52.3	58.6	65.4	51.6	58.5	64.7	51.4	58.2	63.1	52.0	57.5
J.	67.3	55.6	61.5	67.8	54.9	61.3	66.9	55.0	60.9	65.4	55.3	60.4
A.	67.6	55.8	61.7	68.3	54.9	61.6	67.4	54.9	61.1	66.0	55.4	60.7
S.	64.5	53.3	58.9	65.4	52.3	58.8	64.3	52.8	58.6	63.3	53.0	58.1
O.	58.8	48.9	53.9	59.7	47.9	53.8	58.9	48.4	53.6	57.7	48.4	53.1
N.	53.0	43.8	48.4	53.4	42.6	48.0	53.5	44.0	48.7	52.1	43.6	47.9
D.	49.3	40.8	45.0	49.7	39.9	44.8	50.0	40.9	45.5	48.5	40.6	44.5
Y.	57.3	46.9	52.1	58.0	45.9	52.0	57.5	46.5	52.0	53.1	46.5	51.3
	PENZANCE Cornwall 50° 7'N. 5° 32'W. 55 ft. 1926-1950†			SCILLY Cornwall 49° 56'N. 6° 18'W. 163 ft. 1921-1950			ALDERGROVE Antrim 54° 39'N. 6° 13'W. 220 ft. 1927-1950†			ARMAGH Armagh 54° 21'N. 6° 39'W. 205 ft. 1921-1950		
	Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. day	Min. night	Mean	Max. 21-21	Min. 21-21	Mean
	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	49.6	41.3	45.5	48.8	43.7	46.3	43.6	35.8	39.7	45.1	35.4	40.2
F.	49.4	40.7	45.1	48.6	42.7	45.7	44.7	35.7	40.2	46.2	35.5	40.8
M.	52.0	41.9	47.0	50.8	43.4	47.1	48.6	36.6	42.6	49.9	36.6	43.3
A.	55.2	44.0	49.6	53.2	44.9	49.0	52.6	38.6	45.6	53.9	38.7	48.3
M.	60.0	47.8	53.9	57.3	48.1	52.7	58.1	42.4	50.3	59.4	42.9	51.2
J.	65.0	52.5	58.8	62.1	52.6	57.4	63.0	48.1	55.6	64.6	48.3	56.5
J.	67.3	55.6	61.5	65.3	55.7	60.5	65.0	51.6	58.3	66.4	52.2	59.3
A.	67.7	55.8	61.7	65.9	56.3	61.1	64.6	51.1	57.8	65.8	51.2	58.5
S.	64.7	53.6	59.1	63.2	54.8	59.0	60.5	48.2	54.4	61.7	47.9	54.8
O.	59.2	49.2	54.2	58.0	51.1	54.6	54.5	43.8	49.1	55.5	43.3	49.4
N.	53.9	44.7	49.3	52.8	47.1	50.0	47.8	38.9	43.3	49.0	38.2	43.6
D.	50.5	41.9	46.2	49.7	44.6	47.2	44.3	37.1	40.7	45.7	36.5	41.1
Y.	57.9	47.4	52.7	56.3	48.8	52.5	54.0	42.3	48.1	55.3	42.2	48.7

\* Values for a few months missing. † See Introduction.



# AVERAGES OF TEMPERATURE

TABLE II- Monthly averages of maximum, minimum and mean temperature - direct arithmetic mean for periods as stated

Station County Latitude Longitude Above M.S.L. Period of records			DALWHINNIE Inverness-shire 56° 56'N. 40 14'W. 1,176 ft. 1931-1950			FORT WILLIAM Inverness-shire 56° 49'N. 50 7'W. 34 ft. 1932-1950			NAIRN Nairnshire 57° 36'N. 30 52'W. 20 ft. 1931-1950		
Period covered by readings			Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
			°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
January			37.4	29.1	33.3	43.7	34.1	38.9	43.0	32.7	37.9
February			38.9	29.6	34.3	44.9	34.4	39.7	44.5	33.8	39.1
March			43.3	31.0	37.2	48.3	36.5	42.4	47.9	35.5	41.7
April			46.2	34.0	40.1	52.1	39.5	45.8	51.9	38.7	45.3
May			55.3	37.4	46.4	58.6	42.8	50.7	56.3	42.5	49.4
June			57.7	43.2	50.4	62.4	48.1	55.3	62.1	47.8	54.9
July			62.4	47.2	54.8	63.9	51.4	57.7	64.5	51.6	58.1
August			62.0	46.4	54.2	64.1	51.5	57.8	64.2	50.9	57.5
September			56.7	43.1	49.9	60.2	48.1	54.2	60.7	47.7	54.2
October			49.5	38.4	43.9	54.2	43.3	48.8	54.2	42.4	48.3
November			42.9	34.0	38.5	48.5	38.0	43.2	48.0	37.2	42.6
December			39.0	31.4	35.2	45.1	35.6	40.3	44.6	34.7	39.7
Year			49.3	37.1	43.2	53.8	41.9	47.9	53.5	41.3	47.4
MONTROSE (LINKS) Angus 56° 42'N. 2° 28'W. 16 ft. 1926-1950			TIRRE Argyllshire 56° 30'N. 6° 53'W. 29 ft. 1927-1950			SOUTHEND Essex 51° 30'N. 0° 45'E. 90 ft. 1926-40; 1946-50			HARROGATE Yorkshire W. R. 54° 0'N. 1° 33'W. 478 ft. 1936-1950		
			Max. 9-9	Min. 9-9	Mean	Max. day	Min. night	Mean	Max. 9-9	Min. 9-9	Mean
			°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	42.8	33.0	37.9	44.7	38.6	41.6	44.1	35.4	39.7	40.6	32.2
F.	44.1	33.9	39.0	45.0	37.9	41.5	45.0	35.1	40.0	42.5	33.1
M.	47.4	35.5	41.4	47.3	39.0	43.2	50.1	37.7	43.9	47.7	35.3
A.	51.3	38.2	44.8	50.2	41.5	45.8	55.2	41.6	48.4	53.4	39.1
M.	54.6	41.3	47.9	55.0	44.7	49.9	61.4	46.7	54.1	58.9	42.8
J.	61.2	46.5	53.9	58.4	49.0	53.7	68.6	52.9	60.7	64.9	48.8
J.	64.4	50.6	57.5	60.8	52.2	56.5	72.3	56.5	64.4	67.0	52.4
A.	64.0	50.3	57.2	61.4	52.5	56.9	72.5	56.7	64.6	66.5	52.3
S.	60.6	47.2	53.9	58.5	50.6	54.5	68.3	53.5	60.9	62.0	49.3
O.	54.1	42.5	48.3	53.8	46.9	50.4	59.7	46.5	52.6	54.5	43.6
N.	47.7	37.6	42.6	49.1	42.5	45.8	50.8	41.4	46.1	47.4	38.3
D.	44.0	35.1	39.5	46.1	40.3	43.2	44.2	36.3	40.3	42.9	34.7
Y.	53.0	41.0	47.0	52.5	44.6	48.6	57.6	45.0	51.3	54.0	41.8

Maximum temperature estimated for some months of 1946 by reference to Braemar, because of doubtful readings.

# AVERAGES OF TEMPERATURE

TABLE II - Monthly averages of maximum, minimum and mean temperature - direct arithmetic mean for periods as stated

SHREWSBURY Shropshire 52° 43'N. 2° 43'W. 184 ft. 1931-1950			BRIGHTON Sussex 50° 49'N. 0° 8'W. 32 ft. 1926-40; 1948-50			ABERYSTWYTH Cardiganshire 52° 25'N. 4° 4'W. 12 ft. 1926-1950			ABERYSTWYTH (PLANT BREEDING STATION) Cardiganshire 52° 25'N. 4° 3'W. 452 ft. 1926-1950		
			Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
			°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	44.0	32.9	38.4	45.5	37.4	41.5	45.5	37.5	41.5	44.5	35.9
F.	45.5	34.0	39.7	45.6	36.6	41.1	45.3	37.3	41.3	44.4	35.8
M.	50.5	35.2	42.9	49.6	38.6	44.1	49.0	39.2	44.1	48.4	37.8
A.	55.7	39.5	47.6	54.0	42.3	48.1	52.6	42.6	47.6	52.1	40.9
M.	61.5	43.3	52.4	60.1	47.3	53.7	58.4	46.2	52.3	57.7	44.8
J.	67.6	49.3	58.5	65.4	53.1	59.3	62.6	51.9	57.3	61.9	50.1
J.	69.8	53.2	61.5	68.0	56.7	62.3	65.1	55.2	60.1	64.0	53.5
A.	69.8	52.3	61.1	68.9	56.9	62.9	65.8	55.8	60.8	64.6	53.8
S.	64.8	48.7	56.8	66.1	53.9	60.0	62.9	52.8	57.8	61.4	51.1
O.	56.8	42.5	49.7	58.2	47.3	52.8	56.8	47.3	52.1	55.4	45.9
N.	49.8	38.6	44.2	51.8	42.5	47.1	51.1	42.6	46.8	49.8	41.2
D.	45.3	35.0	40.2	45.7	37.6	41.7	46.8	38.9	42.9	45.6	37.7
Y.	56.8	42.0	49.4	56.6	45.9	51.2	55.1	45.6	50.4	54.2	44.1
USK Monmouthshire 51° 42'N. 2° 55'W. 70 ft. 1925-42; 1945-50			WESTON-SUPER-MARE Somerset 51° 21'N. 2° 59'W. 28 ft. 1921-26; 1938-50			PRINCETOWN Devonshire 50° 33'N. 3° 59'W. 1359 ft. 1931-1950			GARVACH (MONEYDIG) Londonderry 54° 59'N. 6° 36'W. 121 ft. 1939-1950		
			Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean	Max. 9-9	Min. 9-9	Mean
			°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
J.	45.2	33.1	39.1	45.7	36.8	41.3	41.7	33.1	37.4	43.0	33.0
F.	45.9	33.4	39.6	46.8	36.9	41.8	41.9	32.4	37.1	45.3	34.2
M.	51.1	34.9	43.0	50.5	38.3	44.4	46.2	34.6	40.4	49.7	35.3
A.	55.6	38.7	47.2	56.0	42.2	49.1	50.8	37.7	44.3	54.5	39.4
M.	61.7	42.8	52.2	60.6	46.4	53.5	56.1	41.9	49.0	59.5	41.9
J.	67.8	48.1	57.9	66.3	52.4	59.3	61.6	47.5	54.6	64.1	47.5
J.	69.8	51.8	60.8	69.2	55.9	62.6	63.3	50.6	56.9	64.9	50.7
A.	69.6	50.8	60.2	68.8	55.7	62.2	64.4	51.0	57.7	65.4	50.2
S.	65.3	47.6	56.4	65.4	52.6	59.0	59.8	48.0	53.9	61.5	47.6
O.	57.7	41.6	49.6	58.8	46.7	52.8	53.3	42.8	48.0	55.3	42.8
N.	50.5	37.2	43.9	51.1	41.5	46.3	47.3	38.4	42.8	49.1	37.5
D.	46.2	34.6	40.4	46.9	38.4	42.6	42.7	34.5	38.6	45.1	35.3
Y.	57.2	41.2	49.2	57.2	45.3	51.2	52.4	41.0	46.7	54.8	41.3



# INDEX OF STATIONS

Station	Years Used	Page	Station	Years Used	Page
Aber	1925-50	27	Cardiff	1921-50	28
Aberdeen	1921-47	7	Cardross	1921-47	10
Aberystwyth	1926-50	33	Cheltenham	1926-50	19
Aberystwyth (Plant breeding station)	1926-50	33	Chopwellwood	1921-50	12
Achnashellach	1923-50	6	Cleethorpes	1925-50	13
Addington	1921-50	20	Cockle Park (Morpeth)	1921-50	12
Aldergrove	1927-50	31	Colmonell	1921-50	11
Ampleforth	1921-50	13	Colwyn Bay	1926-50	27
Appleby	1921-46	25	Coventry	1921-50	17
Arbroath	1921-46	8	Craibstone	1925-50	7
Ardtornish	1921-45	10	Cranwell	1921-50	13
Armagh	1921-50	31	Cromer	1926-50	14
			Croydon	1921-50	20
Balmoral	1921-50	7	Cullompton	1921-50	29
Baltasound	1921-47	6	Cupar	1921-50	8
Banff	1926-50	7			
Barnstaple	1921-50	29	Dalwhinnie	1931-50	32
Bath	1926-50	28	Darwen	1921-50	25
Beachy Head	1925-50	21	Douglas	1926-50	12
Bellingham	1921-50	12	Dover	1926-50	21
Belper School	1921-50	17	Dovercourt	1925-50	15
Berwick-on-Tweed	1924-50	12	Dumfries	1921-50	11
Bexhill	1926-50	22	Dundee	1921-50	8
Bidston (Liverpool)	1921-50	26	Dungavel	1921-48	11
Birmingham (Edgbaston)	1923-50	17	Dungeness	1921-50	21
Birmingham (Sparkhill)	1921-50	17	Durham	1921-50	12
Blackpool	1926-49	25			
Boghall	1925-50	9	East Ham (London)	1921-50	19
Bognor Regis	1921-50	22	East Malling	1925-50	21
Bolton	1921-50	25	Eastbourne	1921-41; 1946-50	22
Bournemouth	1926-50	23	Edgbaston (Birmingham)	1923-50	17
Bradford	1921-50	16	Edinburgh		
Braemar	1921-50	7	(Blackford Hill)	1921-50	9
Brighton	1926-40; 1948-50	33	Enfield	1921-46	20
Bromley	1927-50	20	Eskdalemuir		
Bude	1926-50	30	Observatory	1921-50	11
Bungay	1921-48	14	Exmouth	1921-50	29
Burnley	1921-50	25			
Buxton	1926-50	17	Falmouth	1926-50	31
			Felixstowe	1921-50	14
Calshot	1921-40; 1946-50	23	Fort Augustus	1921-47	7
Cambridge			Fort William	1932-50	32
(Botanic Garden)	1921-50	15	Fortrose	1921-50	6
Camden Square (London)	1921-50	19	Fowey	1921-50	31
Canterbury	1921-44	20	Frampton		
			Cotterell	1921-50	19

Station	Years Used	Page	Station	Years Used	Page
Garvagh (Moneydig)	1939-50	33	London Area: -		
Glenbranter	1926-50	10	Camden Square	1921-50	19
Gordon Castle	1921-50	7	East Ham	1921-50	19
Gorleston (Yarmouth)	1921-50	14	Greenwich		
Greenock	1921-50	10	Observatory	1921-50	19
Greenwich Observatory	1921-50	19	Hampstead	1921-50	19
Gulval	1925-50	31	Kensington Palace	1921-50	19
			Kew Observatory	1921-50	20
Halstead	1921-50	15	Westminster (St. James's Park)	1921-50	19
Hampstead (London)	1921-50	19	Long Ashton	1921-50	29
Harrogate	1936-50	32	Long Sutton	1924-50	23
Hastings	1926-44; 1947-50	22	Lowestoft	1926-50	15
Haverfordwest	1921-50	28	Luton	1921-50	15
Hawarden Bridge	1921-50	27	Lympne	1921-50	21
Helensburgh	1921-50	10			
Hereford	1921-50	18	Macclesfield	1921-50	26
Holyhead	1921-50	27	Malvern	1926-50	18
Houghall	1926-50	12	Manchester		
Hoylake	1921-50	26	(Whitworth Park)	1921-50	26
Huddersfield (Oakes)	1925-50	16	Mansfield	1926-50	17
Huddersfield (Ravensknowle)	1921-50	16	Marchmont	1921-50	9
Hull	1921-50	13	Margate	1926-40; 1943-50	21
Hunstanton	1924-50	14	Marlborough	1921-50	24
Hutton	1921-50	25	Mayfield	1921-45	18
			Montrose	1926-50	32
Ilfracombe	1926-50	29	Morecambe	1926-50	26
Ilkley	1923-50	16	Morpeth (Cockle Park)	1921-50	12
Inverness	1926-50	7			
			Nairn	1931-50	32
Kelso	1921-50	9	Newport (Isle of Wight)	1922-50	23
Kensington Palace (London)	1921-50	19	Newport (Monmouth)	1921-50	28
Keswick	1921-50	25	Newquay	1926-50	31
Kettins	1921-50	8	Newton Abbot	1926-50	30
Kew Observatory	1921-50	20	Newton Rigg	1921-47	25
Kilmarnock (Kay Park)	1921-50	11	North Berwick	1923-50	9
Kirkcaldy	1921-50	8	Norwich	1921-47	14
			Nottingham Castle	1921-50	17
Larkhill	1921-50	24			
Leamington Spa	1926-50	18	Oxford	1921-50	18
Lerwick	1921-50	6			
Leuchars	1921-50	8	Paisley	1921-50	10
Leyland	1921-45	26	Penzance	1926-50	31
Littlehampton	1926-50	22	Perth	1921-50	8
Liverpool (Bidston)	1921-50	26	Petersfield	1922-46	23
Llandudno	1926-50	27	Plymouth		
Logie Coldstone	1921-40; 1946-50	8	(Mount Batten)	1921-50	30
			Plymouth (The Hoe)	1921-50	30



Station	Years Used	Page	Station	Years Used	Page
Pontefract	1926-50	16	Stonyhurst	1921-50	26
Portland Bill	1921-50	29	Stornoway	1921-50	6
Porton	1921-50	24	Sutton Bonington	1924-50	17
Portsmouth (Southsea)	1926-50	23	Swansea	1926-50	28
Princetown	1931-50	33			
Reading (Shinfield)	1921-50	22	Tavistock	1921-50	30
Reading University	1921-50	22	Teignmouth	1926-50	30
Renfrew	1921-50	11	Tenby	1925-50	28
Rhayader	1921-34; 1936-50	28	Tiree	1927-50	32
Rhyl	1926-50	27	Torquay	1926-50	30
Ross-on-Wye	1921-50	18	Totland Bay	1921-47	24
Rothamsted	1921-50	15	Tunbridge Wells	1926-50	21
Rothsay	1921-50	10	Turnberry	1921-50	11
Rugby	1921-47	18	Tynemouth	1921-50	12
Ruthwell	1921-50	11	Ushaw	1921-50	13
Ryde	1921-50	24	Usk	1925-42; 1945-50	33
St. Albans	1924-50	15	Ventnor Hospital	1921-50	24
St. Andrews	1926-50	9			
St. Ann's Head	1921-50	28	Wakefield	1921-50	16
St. Catherine's Point	1925-50	24	Wealdstone	1925-50	20
Sandown	1921-50	24	Welshpool	1921-50	27
Scarborough	1926-50	13	West Kirby	1926-50	27
Scilly	1921-50	31	West Linton	1921-50	9
Shaftesbury	1921-50	29	Westminster		
Sheffield	1921-50	16	(St. James's Park)	1921-50	19
Shinfield (Reading)	1921-50	22	Weston-super-		
Shoeburyness	1921-50	16	Mare	1921-26; 1936-50	33
Shrewsbury	1931-50	33	Weymouth	1926-50	29
Sidmouth	1921-50	30	Wick	1921-50	6
Skegness	1926-50	14	Wisley	1921-50	20
South Farnborough	1921-50	23	Woburn	1921-50	15
Southampton	1921-50	23	Wolfelee	1921-50	9
Southend	1926-40; 1946-50	32	Worcester		
Southport			(Perdiswell)	1926-50	18
(Bedford Road Park)	1921-50	26	Worthing	1926-50	22
Southsea (Portsmouth)	1926-50	23	Wye	1925-50	21
Sparkhill (Birmingham)	1921-50	17			
Sprowston	1925-50	14	Yarmouth (Gorleston)	1921-50	14
Spurn Head	1921-50	13	York	1921-50	13
Stirling	1921-50	10			

## ABRIDGED LIST OF PUBLICATIONS OF THE METEOROLOGICAL OFFICE

*Publications may be ordered directly from the Sale Offices of Her Majesty's Stationery Office at the addresses shown on page iv of cover or through any bookseller.*

### I. HANDBOOKS, TEXTBOOKS, TABLES

**Cloud Atlas for Aviators.** M.O. 450. 3rd edition, 1943, reprinted 1952. Post 4to. 2s. 6d. (2s. 7½d.).

**Cloud Forms.** According to the International Classification. Definitions and descriptions approved by the International Meteorological Organization with photographs of clouds. M.O. 233. 6th edition 1949, reprinted 1952. 8vo. 2s. 0d. (2s. 1½d.).

**Handbook of Weather Messages, Codes and Specifications.** 8vo.

Part I. Transmission schedules and station index numbers. M.O. 510a. 1949. 2s. 6d. (2s. 8d.).

Part II. Codes and specifications. M.O. 510b. 1948, reprinted 1950. 2s. 6d. (2s. 8d.).

Part III. Coding, decoding and plotting. M.O. 510c. 1948, reprinted 1950. 2s. (2s. 2d.).

Amendment lists issued as necessary and priced separately.

**Instructions for the preparation of Weather Maps with tables of the specifications and symbols.** M.O. 515. 1949, reprinted 1953. 8vo. 1s. 9d. (1s. 10½d.).

**Meteorological Glossary** (continuation of the "Weather Map"). M.O. 225ii. 3rd edition 1939, reprinted 1953. 8vo. 12s. 6d. (13s.).

**Meteorological Handbook for Pilots and Navigators.** M.O. 448. 2nd edition 1942, reprinted 1952. 8vo. 3s. 6d. (3s. 8d.).

**A Short Course in Elementary Meteorology.** By W. H. Pick, B.Sc., F.C.P., F.Inst.P. M.O. 247. 5th edition 1938, reprinted 1953. 8vo. 4s. 6d. (4s. 8d.).

**Meteorology for Aviators.** By R. C. Sutcliffe, Ph.D. M.O. 432. 1940, reprinted 1953. 8vo. 10s. 0d. (10s. 6d.).

**Observer's Handbook** M.O. 554. 1952. 8vo. 12s. 6d. (13s.).

**Weather Map.** An introduction to modern meteorology. M.O. 225i. 3rd edition 1939, reprinted 1952. 8vo (see also "Meteorological Glossary" in continuation of the "Weather Map"). 3s. 6d. (3s. 8d.).

**Meteorology of Airfields.** By C. S. Durst, B.A. M.O. 507. 1949, reprinted 1950. 8vo. 2s. (2s. 2d.).

**Percentage Frequencies of various Visibility Ranges at certain places in the British Isles between the years 1927 and 1936.** M.O. 521. 1949. 8vo. 1s. (1s. 2d.).

### 2. JOURNALS

**Marine Observer.** 8vo. Published quarterly. New series commencing July 1947. Each 5s. (5s. 2d.).

(Annual subscription, 21s. post free.)

**Meteorological Magazine.** 8vo. Published monthly. New series commencing January 1947. Each 2s. (2s. 1½d.).

(Annual subscription, 25s. post free.)

(Prices in brackets include postage)



*CROWN COPYRIGHT RESERVED*

PRINTED AND PUBLISHED BY HER MAJESTY'S STATIONERY OFFICE

To be purchased from

York House, Kingsway, LONDON, W.C.2    423 Oxford Street, LONDON, W.1

P.O. Box 569, LONDON, S.E.1

13a Castle Street, EDINBURGH, 2    1 St. Andrew's Crescent, CARDIFF

39 King Street, MANCHESTER, 2    Tower Lane, BRISTOL, 1

2 Edmund Street, BIRMINGHAM, 3    80 Chichester Street, BELFAST

or from any Bookseller

1953

Price 2s 0d net

PRINTED IN GREAT BRITAIN