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# Averages of bright sunshine for the United Kingdom 1941-70

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# Averages of bright sunshine for the United Kingdom 1941-70

Table 1: Summary of averages of bright sunshine for the United Kingdom, 1941-70

Table 2: Summary of averages of bright sunshine for the United Kingdom, 1941-70

Table 3: Summary of averages of bright sunshine for the United Kingdom, 1941-70

Table 4: Summary of averages of bright sunshine for the United Kingdom, 1941-70

Table 5: Summary of averages of bright sunshine for the United Kingdom, 1941-70

The averages

Table 1

Table 2

Table 3

Table 4

Table 5

London: Her Majesty's Stationery Office

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## Contents

<b>Introduction</b>	iv
<b>Presentation of the averages</b>	iv
<b>Estimation of the averages</b>	iv
<b>The observations</b>	iv
<b>Obstructed sites</b>	v
<b>Possible duration of sunshine</b>	vi
<b>Comparison with previous 30-year averages</b>	vi
Table I: daily mean duration of possible sunshine	vii
Table II: comparison of averages of mean daily hours of bright sunshine for five 30-year periods	viii
Figure 1: map of climatological districts showing stations with complete 30 years of record during the period 1941-70	x
Figure 2: map of climatological districts showing stations with at least 20, but not 30, years of record during the period 1941-70	xii
<b>The averages</b>	1
<b>Index</b>	71



## Introduction

This publication contains monthly and annual averages of the total and daily duration of bright sunshine together with the highest and lowest monthly totals recorded.

All stations (195) with a homogeneous record of 20 years or more and recording sunshine at the end of 1970 have been included. Monthly values for stations with less than 30 years of record have been estimated and therefore all the values given refer to the period 1941–70.

## Presentation of the averages

The averages are presented in the form of a table for each station. The station name, administrative area, and the grid reference of the site of the sunshine recorder, together with the height of the recorder (in metres) above mean sea level are given above each table. Where there has been a change of site these details refer to the site in use in 1970. Stations are listed in alphabetical order within administrative areas, these being listed roughly in north–south order within climatological districts. It should be noted that as a result of the Local Government Acts of 1972 and 1973 the boundaries and names of some of the counties in England and Wales were changed with effect from April 1974, and in Scotland new administrative regions were established with effect from May 1975. There have been consequent changes to the names and boundaries of the climatological districts. The revised counties, regions, and climatological districts are used in this volume.

Each table is divided into four columns of figures, with values for each calendar month and for the year. For each month the first and second columns give the average monthly total of bright sunshine in hours and tenths and the daily total in hours and hundredths. The third and fourth columns give the highest and lowest monthly totals, respectively, of bright sunshine recorded (or in some cases statistically estimated from a neighbouring station) during the 30-year period 1941–70. For the year, the values given are the average annual total, the average daily total and the highest and lowest annual totals recorded (or estimated). The actual period of observation used in the compilation of each table is given in the heading.

## Estimation of the averages

The averages refer exclusively to the period 1941–70. Monthly values for any missing intervals, in no case exceeding 10 years in all, have been estimated using a ratio method. For example, if station A had 300.0 hours of sunshine in January over 25 years and station B, the nearest suitable comparison station, had 310.0 hours over the same period, the ratio A:B is 0.968. The monthly values of sunshine at station B, for the years when values were not available at station A, were multiplied by this ratio to produce the probable values at station A. The 30-year average was then computed in the usual way.

## The observations

Each station used a Campbell–Stokes pattern sunshine recorder which consists of a glass sphere mounted concentrically with a grooved metal collar into which a

graduated card is fitted. The sphere acts as a burning glass and sunshine duration is recorded by a scorched or burnt line on the card which is changed daily. A detailed account of the instrument will be found in the Handbook of Meteorological Instruments (Meteorological Office, 1975) or the Observer's Handbook (Meteorological Office, 1969).

The averages refer to 'bright' sunshine because the Campbell–Stokes pattern recorder does not register a burn on the card below a certain minimum level of incident radiation (about 150 to 300 W/m<sup>2</sup>). On a clear day with a cloudless sky the burn does not start until 15–30 minutes after sunrise and usually ceases about the same period before sunset. The period varies with the season and the transparency of the atmosphere. The loss of burn is mainly due to atmospheric absorption and scattering of transmitted light. It is also partly due to the reduction of the effective optical aperture of the sphere by the projecting horns of the metal collar which holds the cards. The loss from this cause has been shown to be small (Meteorological Office, 1926).

On the other hand the duration recorded by the burn exceeds the real duration during periods of intermittent bright sunshine because the burn 'spreads'. Theoretically the diameter of the sun's image formed by the glass sphere is about 0.7 mm, but the width of the burnt spot made on the card by a few seconds' exposure to bright sunshine is about 2 mm. Consequently, in intermittent sunshine, the burns may be indistinguishable from those made in continuous sunshine. Observers are instructed, in the Observer's Handbook (Meteorological Office, 1969), to make allowance for the spread of the burn when measuring it, even so some exaggeration of the recorded duration cannot be avoided except during periods of uninterrupted or weak sunshine. Checks of observers' measurements are made by staff of the Meteorological Office to ensure, as far as possible, a consistent standard of sunshine card analysis.

## Obstructed sites

At some stations obstacles prevent the sunshine from being recorded for some part of the day. In some cases they affect the record only in certain months; in others the record is affected throughout the year. The practice of using the letter S to show that the sunshine was obstructed for more than 5 per cent of the time when the sun's altitude was 3° or more above the horizon was introduced in the Monthly Weather Report in 1926. The same system, slightly modified, is used here. In most cases the letter S indicates that, in the month concerned, the site was obstructed for 20 years or more during the period 1941–70. S has been used in the few remaining cases to indicate a station whose history shows obstructions for less than 20 years yet whose duration of sunshine appears to be unreasonably low when compared with neighbouring stations. Further details may be obtained from the Meteorological Office. Obstructions are most likely with low elevation of the sun and, in judging their effect, it must be remembered that the average recorded duration of sunshine within an hour of sunrise and sunset is small, because of the effects of cloud, haze and atmospheric absorption, even when the horizon is unobstructed (Meteorological Office, 1937). No corrections have been applied to the averages presented here to take account of obstructions. A method of adjusting sunshine averages at an obstructed site has been developed by Furmage (1970).



## Possible duration of sunshine

Table I (page vii) gives the daily mean duration of possible sunshine between latitudes 50°N and 60°N. This is defined as the interval between the ascending and descending transits of the upper limb of the sun across the horizon, allowance being made for refraction. The values have been calculated from figures given in the Smithsonian Tables using mean values of solar declination for 1971. Values for intermediate latitudes can be calculated by interpolation between adjacent columns of Table I.

The variation in possible sunshine from year to year amounts to less than 0.1 hour per day, the variations being greatest in equinoctial months and least in solstitial months. Table I may therefore be used in conjunction with the 30-year averages to compute percentages of possible sunshine. Station latitudes may be estimated from the maps (Figures 1 and 2).

## Comparison with previous 30-year averages

Averages for the period 1941–70 are compared with those for earlier 30-year periods at 6 representative stations in Table II (page viii).

## Bibliography

Furmage, D. F. (1970), A method of adjusting sunshine averages at an obstructed site taking into account obstructions and diurnal variation of sunshine. *Met Mag*, 99.

Meteorological Office, London (1926), The comparison of sunshine recorders of the Campbell–Stokes type. *Professional Notes IV* No. 45.

Meteorological Office, London (1937), The effects of obstacles on sunshine records. *Professional Notes, V*, No. 76.

Meteorological Office, London, (1969), *Observer's Handbook*, HMSO.

Meteorological Office, London (1975), *Handbook of Meteorological Instruments*, HMSO.

Smithsonian Institution, Washington (1968), *Smithsonian Meteorological Tables*.

Table I — Daily mean duration of possible sunshine (hours)

Month	Latitude					
	50°N	52°N	54°N	56°N	58°N	60°N
January	8.65	8.37	8.05	7.72	7.32	6.85
February	10.13	9.98	9.82	9.65	9.45	9.22
March	11.87	11.85	11.83	11.83	11.82	11.78
April	13.77	13.88	14.03	14.20	14.37	14.58
May	15.38	15.65	15.95	16.28	16.68	17.12
June	16.27	16.62	17.02	17.48	18.02	18.65
July	15.87	16.18	16.53	16.93	17.40	17.95
August	14.45	14.62	14.83	15.07	15.32	15.62
September	12.63	12.68	12.72	12.77	12.82	12.88
October	10.78	10.68	10.58	10.47	10.32	10.18
November	9.08	8.85	8.58	8.32	7.97	7.58
December	8.20	7.88	7.52	7.12	6.65	6.08



Table II—Comparison of averages of mean daily hours of bright sunshine for five 30-year periods

Place & period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>Newquay</b>													
1901-30	1.82	2.80	4.29	6.00	6.83	7.24	6.72	6.15	5.24	3.65	2.54	1.63	4.58
1906-35	1.91	2.88	4.45	5.96	6.63	7.42	6.65	6.16	5.14	3.68	2.50	1.67	4.60
1921-50	1.82	2.68	4.42	5.89	6.82	7.52	6.29	6.15	4.99	3.64	2.40	1.68	4.53
1931-60	1.90	2.75	4.29	6.08	7.02	7.33	6.33	6.31	5.00	3.51	2.33	1.73	4.55
1941-70	1.90	2.80	4.18	6.18	7.07	7.14	6.40	6.13	4.95	3.45	2.32	1.74	4.52
<b>Eastbourne</b>													
1901-30	2.01	3.00	4.34	6.04	7.85	7.82	7.66	7.07	5.91	3.85	2.66	1.67	5.00
1906-35	2.01	3.07	4.55	6.02	7.70	7.92	7.62	7.18	5.90	3.91	2.53	1.72	5.02
1921-50	1.99	2.87	4.72	6.03	7.56	8.16	7.67	7.23	5.55	3.93	2.37	1.87	5.01
1931-60	2.06	2.83	4.53	6.25	7.45	8.31	7.52	7.12	5.47	3.97	2.23	1.77	4.96
1941-70	2.05	2.86	4.45	6.35	7.57	8.51	7.62	7.00	5.60	4.17	2.36	1.82	5.03
<b>Kew</b>													
1901-30	1.43	2.14	3.31	4.98	6.54	6.65	6.29	5.90	4.83	3.02	1.78	1.20	4.01
1906-35	1.41	2.16	3.49	4.87	6.40	6.76	6.25	5.91	4.88	3.10	1.77	1.21	4.02
1921-50	1.36	2.13	3.60	4.90	6.21	6.87	6.28	5.93	4.58	3.05	1.69	1.27	4.00
1931-60	1.49	2.26	3.64	5.34	6.40	7.11	6.39	6.07	4.75	3.15	1.77	1.28	4.16
1941-70	1.54	2.28	3.62	5.41	6.56	7.14	6.34	5.90	4.77	3.29	1.92	1.38	4.18
<b>Birmingham (Edgbaston)</b>													
1901-30	1.38	1.91	2.88	4.37	5.66	5.94	5.52	5.21	4.10	2.81	1.75	1.08	3.56
1906-35	1.42	2.03	3.10	4.24	5.52	5.96	5.51	5.24	4.12	2.94	1.54	1.14	3.57
1921-50	1.34	2.00	3.19	4.40	5.38	6.07	5.38	5.23	4.00	2.90	1.63	1.16	3.56
1931-60	1.37	2.06	3.16	4.63	5.39	6.00	5.35	5.13	3.90	2.77	1.59	1.22	3.55
1941-70	1.38	2.03	3.14	4.55	5.47	6.15	5.29	4.86	3.92	2.81	1.61	1.35	3.55

Table II—Comparison of averages of mean daily hours of bright sunshine for five 30-year periods—continued

Place & period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>Morpeth (Cockle Park)</b>													
1901-30	1.52	2.41	3.74	4.90	5.62	6.15	5.30	4.99	4.52	3.14	2.35	1.45	3.84
1906-35	1.66	2.46	3.67	4.67	5.45	6.02	5.25	4.89	4.47	3.14	2.20	1.42	3.78
1921-50	1.62	2.43	3.48	4.69	5.52	6.23	5.26	4.66	4.20	3.19	2.19	1.53	3.75
1931-60	1.79	2.62	3.35	4.89	5.64	6.04	5.26	4.65	4.21	3.09	2.05	1.53	3.76
1941-70	1.70	2.60	3.40	4.93	5.62	6.03	5.07	4.59	4.10	3.08	2.11	1.65	3.74
<b>Aberdeen</b>													
1901-30	1.43	2.39	3.47	5.03	5.60	6.03	4.89	4.47	4.12	3.09	2.00	1.18	3.64
1906-35	1.50	2.46	3.51	4.81	5.49	6.02	4.91	4.50	4.21	3.04	1.95	1.21	3.64
1921-50	1.50	2.41	3.41	4.53	5.50	6.09	4.85	4.64	4.11	3.08	1.91	1.21	3.61
1931-60	1.64	2.66	3.31	4.80	5.72	5.98	4.98	4.65	4.24	3.00	1.81	1.32	3.71
1941-70	1.63	2.79	3.48	5.17	5.59	5.88	5.06	4.56	4.07	3.02	1.91	1.47	3.72



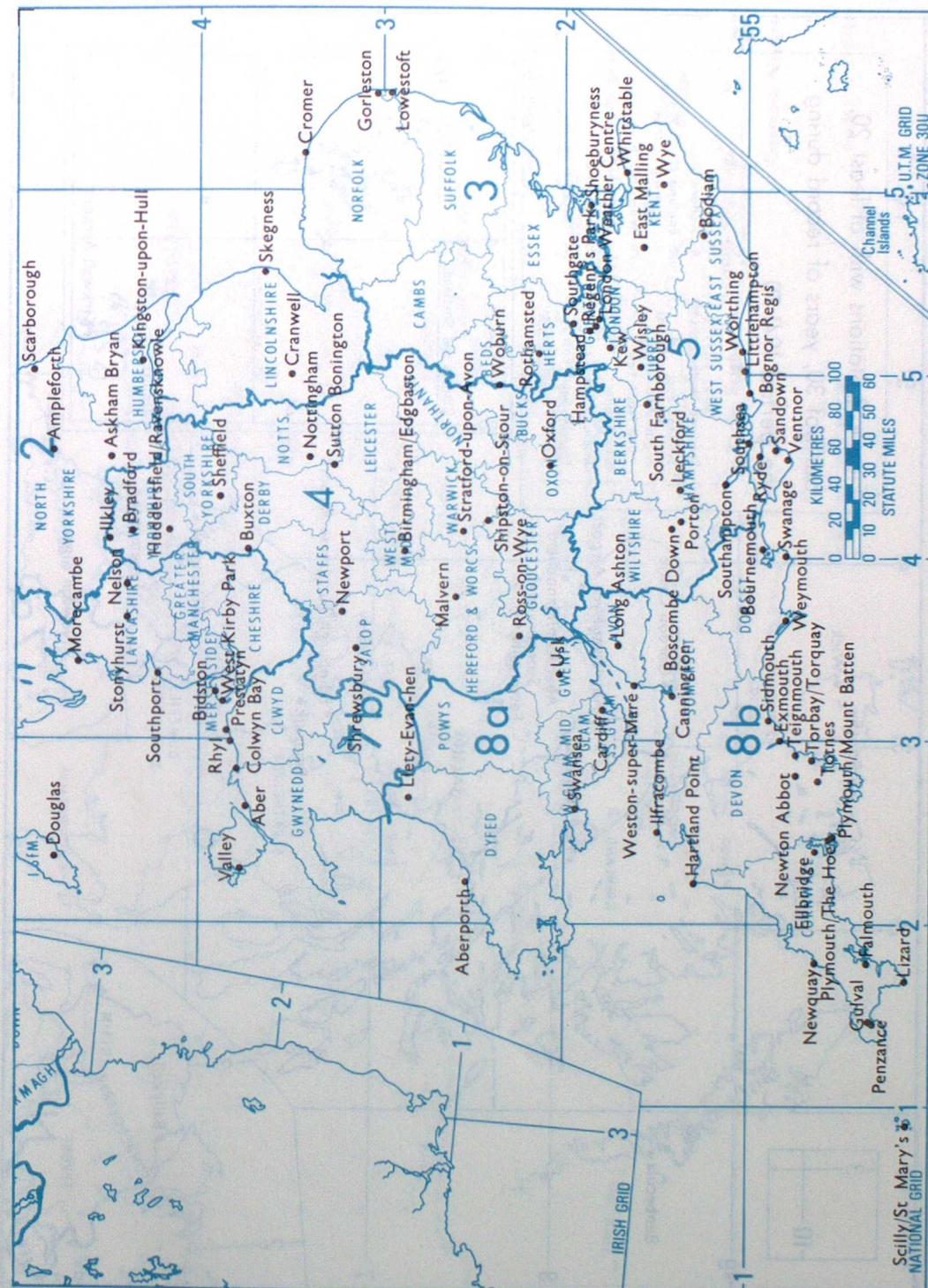




Figure 2. Stations with at least 20, but not 30, years of record during the period 1941-70

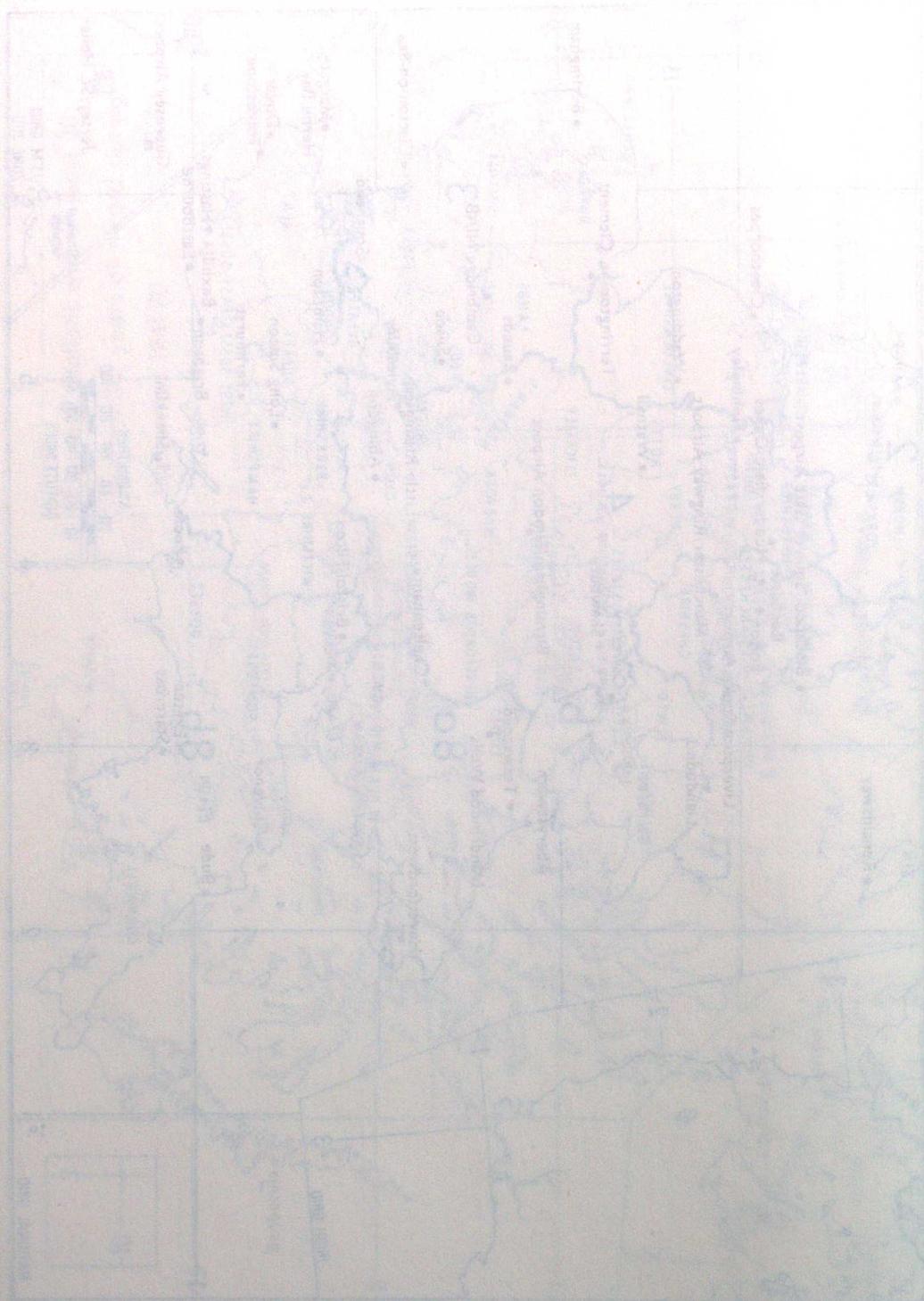
Legend:

- 0. Scotland North
- 1. Scotland East and North East
- 2. Scotland East and North East
- 3. East Anglia
- 4. Midland Counties
- 5. England South East and Central Southern
- 6. Scotland West
- 7a. England North West and Isle of Man
- 7b. Wales North
- 8a. Wales South
- 8b. England South West
- 9. Northern Ireland

Stations marked on the map include: Benbecula, Strathclyde, Wick, Gordon Castle, Aberdeen/Dyce Airport, Port Augustus, Stonehaven, Fettercairn, Kirkcaldy, Edinburgh/Turnhouse Airport, Ballykelly, Ballyvaughan, Antrim, Tyrone, Dumfries & Galloway, Acklington, Tynemouth, Newton Biggart, Redcar, Whitby, and Kirkwall Airport.







AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 0 - SCOTLAND NORTH  
BALTASOUND (SHETLAND ISLANDS)  
HEIGHT 26M. N.G.R. HP(412)607089

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	18.1	0.58	34.1	6.2	
FEBRUARY	44.5	1.57	83.3	19.1	
MARCH	79.8	2.57	118.5	41.5	
APRIL	129.7	4.33	169.4	72.1	
MAY	156.7	5.05	252.9	78.3	
JUNE	151.3	5.04	237.4	97.4	
JULY	134.8	4.35	247.4	73.4	
AUGUST	118.9	3.83	183.3	77.3	
SEPTEMBER	92.8	3.09	140.5	34.3	
OCTOBER	57.5	1.86	82.6	31.3	
NOVEMBER	25.8	0.86	45.7	4.5	
DECEMBER	9.8	0.31	24.5	3.0	
YEAR	1019.7	2.79	1317.9	845.2	

LERWICK (SHETLAND ISLANDS)  
HEIGHT 84M. N.G.R. HU(411)453397

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	24.6	0.79	43.1	7.9	
FEBRUARY	54.0	1.91	88.7	30.2	
MARCH	86.3	2.79	114.3	39.5	
APRIL	136.5	4.55	194.1	64.2	
MAY	157.5	5.08	271.5	76.6	
JUNE	152.4	5.08	239.5	95.1	
JULY	131.3	4.23	227.9	73.5	
AUGUST	115.7	3.73	172.4	69.4	
SEPTEMBER	98.9	3.30	144.9	37.4	
OCTOBER	61.8	1.99	87.2	29.4	
NOVEMBER	32.5	1.08	50.0	16.1	
DECEMBER	15.4	0.50	29.3	7.7	
YEAR	1066.9	2.92	1346.9	870.9	

KIRKWALL AIRPORT (ORKNEY ISLANDS)  
HEIGHT 26M. N.G.R. HY(310)483076

MONTH	1941-44.47-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	32.9	1.06	50.7	16.0	
FEBRUARY	63.2	2.24	95.6	21.2	
MARCH	99.0	3.19	145.9	59.1	
APRIL	152.1	5.07	219.6	71.5	
MAY	162.9	5.25	262.4	81.9	
JUNE	160.0	5.33	254.3	102.9	
JULY	138.0	4.45	216.5	69.7	
AUGUST	126.8	4.09	196.5	75.7	
SEPTEMBER	106.8	3.56	146.2	62.1	
OCTOBER	73.9	2.38	96.3	35.1	
NOVEMBER	39.1	1.30	65.3	20.2	
DECEMBER	23.9	0.77	44.7	13.2	
YEAR	1178.6	3.22	1453.0	1020.0	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BENBECULA (WESTERN ISLANDS)  
HEIGHT 12M. N.G.R. NF1081782555

MONTH	1948-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	38.4	1.24	77.2	19.5	
FEBRUARY	75.4	2.67	104.0	40.1	
MARCH	113.4	3.66	159.5	74.4	
APRIL	173.3	5.78	242.8	113.6	
MAY	210.6	6.79	310.0	125.2	
JUNE	194.2	6.47	280.4	126.1	
JULY	153.9	4.96	214.2	102.2	
AUGUST	152.7	4.92	251.4	70.7	
SEPTEMBER	113.5	3.78	166.9	67.5	
OCTOBER	76.2	2.46	106.4	42.0	
NOVEMBER	53.5	1.78	87.2	29.7	
DECEMBER	27.8	0.90	48.7	13.2	
YEAR	1382.9	3.78	1601.6	1151.5	

STORNOWAY (WESTERN ISLANDS)  
HEIGHT 10M. N.G.R. NB191459332

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	36.7	1.18	66.0	16.1	
FEBRUARY	65.7	2.33	97.9	21.7	
MARCH	108.2	3.49	146.9	57.4	
APRIL	153.0	5.10	230.2	95.3	
MAY	186.0	6.00	258.9	93.3	
JUNE	172.9	5.76	278.1	92.0	
JULY	132.2	4.26	215.4	74.8	
AUGUST	134.8	4.35	214.4	74.5	
SEPTEMBER	105.8	3.53	156.3	69.6	
OCTOBER	75.5	2.44	110.5	45.1	
NOVEMBER	47.5	1.58	73.3	20.7	
DECEMBER	25.5	0.82	43.0	14.8	
YEAR	1243.8	3.40	1420.3	1039.7	

DUNTULM (HIGHLAND)  
HEIGHT 91M. N.G.R. NG1181399718

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	35.2	1.13	77.7	12.7	
FEBRUARY	66.4	2.35	110.3	23.6	
MARCH	105.2	3.39	156.9	62.8	
APRIL	146.4	4.88	238.6	80.2	
MAY	188.2	6.07	288.6	116.3	
JUNE	169.1	5.64	253.1	80.8	
JULY	125.8	4.06	212.5	72.0	
AUGUST	131.4	4.24	243.0	66.6	
SEPTEMBER	95.2	3.17	156.5	57.5	
OCTOBER	64.9	2.09	114.7	37.4	
NOVEMBER	42.5	1.42	72.8	18.9	
DECEMBER	23.3	0.75	48.7	7.5	
YEAR	1193.6	3.27	1433.8	1014.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

FORT AUGUSTUS (HIGHLAND)  
HEIGHT 44M. N.G.R. NH1281381091

MONTH	1941-47.52-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	26.8	0.86	51.1	11.4	
FEBRUARY	57.0	2.02	105.6	24.3	
MARCH	89.4	2.88	137.1	49.5	
APRIL	127.4	4.25	201.7	72.2	
MAY	152.9	4.93	206.2	80.5	
JUNE	142.5	4.75	198.8	75.1	
JULY	118.0	3.81	253.3	67.5	
AUGUST	114.0	3.68	242.8	64.1	
SEPTEMBER	90.3	3.02	173.0	57.9	
OCTOBER	60.0	1.93	99.5	39.4	
NOVEMBER	32.1	1.07	57.5	15.9	
DECEMBER	19.5	0.63	43.5	9.0	
YEAR	1029.9	2.82	1466.6	800.3	

FORTROSE (HIGHLAND)  
HEIGHT 6M. N.G.R. NH1281749557

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.9	1.42	66.8	9.4	
FEBRUARY	72.1	2.55	109.3	24.6	
MARCH	103.7	3.35	142.5	64.7	
APRIL	146.5	4.88	225.4	97.6	
MAY	162.1	5.23	235.6	94.9	
JUNE	161.6	5.39	225.7	86.2	
JULY	138.3	4.46	241.2	82.9	
AUGUST	125.6	4.05	259.5	66.5	
SEPTEMBER	110.4	3.68	163.8	64.8	
OCTOBER	82.5	2.66	116.8	39.6	
NOVEMBER	49.2	1.64	73.2	25.8	
DECEMBER	33.2	1.07	49.9	16.2	
YEAR	1229.1	3.37	1489.4	1027.8	

NAIRN (HIGHLAND)  
HEIGHT 8M. N.G.R. NH1281867568

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.2	1.49	67.6	16.0	
FEBRUARY	76.4	2.71	114.9	27.3	
MARCH	111.9	3.61	164.7	78.7	
APRIL	154.2	5.14	233.8	99.8	
MAY	165.5	5.34	223.5	92.3	
JUNE	166.0	5.53	241.6	83.6	
JULY	142.3	4.59	226.0	80.9	
AUGUST	127.7	4.12	242.8	66.6	
SEPTEMBER	116.8	3.89	167.3	73.8	
OCTOBER	90.1	2.91	131.3	34.9	
NOVEMBER	51.9	1.73	78.0	26.1	
DECEMBER	36.0	1.16	54.4	15.6	
YEAR	1285.0	3.52	1522.7	1084.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

ONICH (HIGHLAND)  
HEIGHT 16M. N.G.R. NN(27)030635

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	30.7	0.99	61.0	11.3	S
FEBRUARY	61.1	2.16	97.9	22.8	S
MARCH	92.6	2.99	133.1	51.9	S
APRIL	126.5	4.21	204.8	56.0	S
MAY	167.8	5.41	247.0	104.1	S
JUNE	143.5	4.78	236.0	82.3	S
JULY	111.9	3.61	221.4	43.7	S
AUGUST	117.2	3.78	255.8	57.1	S
SEPTEMBER	84.7	2.82	133.7	51.5	S
OCTOBER	62.3	2.01	98.4	36.1	S
NOVEMBER	37.7	1.26	55.7	20.0	S
DECEMBER	19.3	0.62	37.2	6.1	S
YEAR	1055.3	2.89	1364.3	782.7	S

STRATHY (HIGHLAND)  
HEIGHT 38M. N.G.R. NC(29)830609

MONTH	1945-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	31.2	1.01	54.8	14.9	
FEBRUARY	59.5	2.11	107.5	12.0	
MARCH	100.1	3.23	150.8	60.3	
APRIL	132.1	4.40	183.6	55.7	
MAY	155.2	5.01	245.2	92.9	
JUNE	156.3	5.21	266.0	89.3	
JULY	122.7	3.96	232.4	57.4	
AUGUST	118.8	3.83	255.8	61.5	
SEPTEMBER	94.6	3.15	140.5	50.6	
OCTOBER	72.6	2.34	112.1	41.8	S
NOVEMBER	37.0	1.23	58.9	18.7	S
DECEMBER	21.7	0.70	39.7	10.2	S
YEAR	1101.8	3.01	1347.0	807.4	

WICK (HIGHLAND)  
HEIGHT 44M. N.G.R. ND(39)364522

MONTH	1945-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	44.3	1.43	68.5	20.6	
FEBRUARY	74.2	2.63	114.8	38.0	
MARCH	108.5	3.50	171.3	73.8	
APRIL	155.4	5.18	210.3	73.1	
MAY	162.5	5.24	252.9	89.4	
JUNE	164.7	5.49	247.9	94.9	
JULY	139.1	4.49	200.6	73.9	
AUGUST	135.7	4.38	248.4	81.4	
SEPTEMBER	113.3	3.78	148.7	72.2	
OCTOBER	84.9	2.74	116.7	43.7	
NOVEMBER	48.9	1.63	71.6	27.7	
DECEMBER	32.2	1.04	58.6	16.5	
YEAR	1263.7	3.46	1452.4	1041.5	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DISTRICT 1 - SCOTLAND EAST  
ABERDEEN/DYCE AIRPORT (GRAMPIAN)  
HEIGHT 60M. N.G.R. NJ(38)883125

MONTH	1946-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	49.9	1.61	89.5	17.8	
FEBRUARY	79.6	2.82	119.4	37.7	
MARCH	106.4	3.43	160.1	30.1	
APRIL	152.8	5.09	208.3	83.7	
MAY	171.0	5.51	224.6	95.2	
JUNE	174.0	5.80	246.7	95.5	
JULY	153.7	4.96	263.0	78.2	
AUGUST	137.5	4.43	257.2	75.9	
SEPTEMBER	118.5	3.95	170.2	69.6	
OCTOBER	93.7	3.02	134.6	30.2	
NOVEMBER	58.2	1.94	85.5	22.9	
DECEMBER	45.6	1.47	67.1	16.5	
YEAR	1340.9	3.67	1667.4	1090.6	

ABERDEEN/MANNOFIELD (GRAMPIAN)  
HEIGHT 53M. N.G.R. NJ(38)915042

MONTH	1941-47, 49-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	50.5	1.63	92.3	18.1	
FEBRUARY	78.7	2.79	116.0	30.2	
MARCH	107.9	3.48	161.2	40.1	
APRIL	155.0	5.17	205.6	78.2	
MAY	173.1	5.59	235.5	115.3	
JUNE	176.3	5.88	256.5	101.4	
JULY	156.8	5.06	259.2	77.5	
AUGUST	141.5	4.56	235.4	83.0	
SEPTEMBER	122.1	4.07	180.4	74.7	
OCTOBER	93.5	3.02	132.9	35.5	
NOVEMBER	57.3	1.91	92.5	19.3	
DECEMBER	45.6	1.47	70.7	19.9	
YEAR	1358.3	3.72	1671.4	1080.3	

BRAEMAR (GRAMPIAN)  
HEIGHT 341M. N.G.R. NO(37)152914

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	24.4	0.79	39.3	6.6	S
FEBRUARY	56.8	2.01	79.5	30.5	S
MARCH	92.4	2.98	153.0	38.9	S
APRIL	138.5	4.62	197.4	81.3	S
MAY	159.1	5.13	221.1	105.7	S
JUNE	162.3	5.41	239.3	109.4	S
JULY	144.1	4.64	256.7	103.2	S
AUGUST	124.0	4.00	282.8	74.3	S
SEPTEMBER	98.6	3.29	148.2	64.9	S
OCTOBER	67.4	2.17	93.1	16.3	S
NOVEMBER	32.6	1.09	56.2	14.3	S
DECEMBER	19.7	0.64	29.0	8.3	S
YEAR	1119.9	3.06	1285.6	890.4	S



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

CRAIBSTONE (GRAMPIAN)  
HEIGHT 99M. N.G.R. NJ(38)872107

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.1	1.68	90.6	19.1	
FEBRUARY	80.5	2.85	120.7	38.7	
MARCH	108.9	3.51	169.1	32.5	
APRIL	155.6	5.19	212.3	85.3	
MAY	174.8	5.64	237.9	111.6	
JUNE	179.3	5.97	248.6	101.1	
JULY	158.8	5.12	259.6	77.1	
AUGUST	141.5	4.57	266.4	80.1	
SEPTEMBER	121.8	4.06	174.6	72.1	
OCTOBER	96.4	3.11	132.7	29.0	
NOVEMBER	58.9	1.96	87.6	23.2	
DECEMBER	47.8	1.54	71.9	20.9	
YEAR	1376.4	3.77	1665.0	1184.6	

FETTERCAIRN (GRAMPIAN)  
HEIGHT 173M. N.G.R. NO(37)669782

MONTH	1948-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.8	1.64	72.2	18.0	
FEBRUARY	77.4	2.74	104.9	36.1	
MARCH	103.8	3.35	159.8	25.9	
APRIL	148.5	4.95	202.5	81.4	
MAY	166.6	5.37	223.2	84.4	
JUNE	156.9	5.23	231.2	65.2	
JULY	145.4	4.69	255.0	66.8	
AUGUST	126.7	4.09	238.4	54.0	
SEPTEMBER	106.9	3.56	158.4	58.4	
OCTOBER	78.8	2.54	129.3	29.1	
NOVEMBER	55.7	1.86	88.4	21.2	
DECEMBER	44.8	1.44	68.7	20.9	
YEAR	1262.3	3.45	1614.3	982.6	

FORRES (GRAMPIAN)  
HEIGHT 52M. N.G.R. NJ(38)047587

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	49.7	1.60	70.0	13.7	
FEBRUARY	75.9	2.69	121.2	24.3	
MARCH	111.4	3.59	165.0	76.7	
APRIL	148.8	4.96	235.3	89.5	
MAY	168.8	5.45	230.8	99.0	
JUNE	170.7	5.69	239.2	85.9	
JULY	145.2	4.69	256.7	76.6	
AUGUST	133.7	4.31	258.1	78.3	
SEPTEMBER	112.7	3.76	155.5	64.7	
OCTOBER	91.0	2.93	125.1	33.7	
NOVEMBER	54.1	1.80	78.7	20.3	
DECEMBER	42.0	1.35	69.0	21.7	
YEAR	1304.0	3.57	1636.0	1044.5	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

GORDON CASTLE (GRAMPIAN)  
HEIGHT 37M. N.G.R. NJ(38)350595

MONTH	1941-42.45-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.0	1.39	68.9	14.6	
FEBRUARY	71.6	2.53	124.7	24.0	
MARCH	108.2	3.49	176.3	67.9	
APRIL	148.2	4.94	217.3	90.7	
MAY	166.9	5.38	235.4	99.2	
JUNE	166.1	5.53	247.7	98.9	
JULY	144.4	4.66	243.4	72.7	
AUGUST	135.9	4.38	285.5	80.5	
SEPTEMBER	112.6	3.75	149.8	64.5	
OCTOBER	90.2	2.91	131.3	29.6	
NOVEMBER	50.4	1.68	76.3	26.8	
DECEMBER	33.9	1.09	58.5	16.7	
YEAR	1271.4	3.48	1518.1	1080.9	

STONEHAVEN (GRAMPIAN)  
HEIGHT 10M. N.G.R. NO(37)875864

MONTH	1941-67.69-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	49.9	1.61	95.4	14.4	
FEBRUARY	79.0	2.80	109.3	41.2	
MARCH	104.3	3.36	153.3	39.1	
APRIL	154.0	5.13	210.9	77.9	
MAY	168.4	5.43	223.6	110.0	
JUNE	168.8	5.63	235.7	84.0	
JULY	155.4	5.01	222.7	90.0	
AUGUST	140.5	4.53	230.2	79.3	
SEPTEMBER	116.3	3.87	167.8	55.9	
OCTOBER	89.4	2.88	140.5	33.3	
NOVEMBER	57.5	1.91	96.6	28.5	
DECEMBER	44.6	1.44	82.7	23.0	
YEAR	1328.1	3.63	1538.3	1109.1	

ARBROATH (TAYSIDE)  
HEIGHT 100M. N.G.R. NO(37)649411

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	54.6	1.76	100.2	16.2	
FEBRUARY	88.1	3.12	129.3	41.9	
MARCH	115.2	3.71	173.2	43.9	
APRIL	171.3	5.71	213.5	102.9	
MAY	191.3	6.17	261.9	129.7	
JUNE	191.0	6.37	275.8	113.2	
JULY	183.2	5.91	258.9	118.2	
AUGUST	153.1	4.94	236.3	91.6	
SEPTEMBER	132.5	4.42	177.8	66.8	
OCTOBER	100.2	3.23	142.4	55.5	
NOVEMBER	66.5	2.21	101.1	32.9	
DECEMBER	47.0	1.52	87.2	18.4	
YEAR	1494.0	4.09	1810.2	1280.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DUNDEE COASTGUARD (TAYSIDE)  
HEIGHT 54M. N.G.R. NO(37)422313

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.5	1.66	91.3	23.9	
FEBRUARY	81.1	2.87	131.2	34.7	
MARCH	102.0	3.29	145.2	37.0	
APRIL	150.6	5.02	197.5	83.7	
MAY	168.5	5.44	226.5	108.7	
JUNE	167.9	5.60	270.8	103.4	
JULY	157.4	5.08	267.8	93.3	
AUGUST	137.6	4.44	213.2	81.3	
SEPTEMBER	117.6	3.92	168.2	67.1	
OCTOBER	90.9	2.93	131.0	34.1	
NOVEMBER	61.2	2.04	94.5	31.5	
DECEMBER	45.4	1.47	75.3	22.5	
YEAR	1331.7	3.65	1664.4	1135.1	

PERTH (TAYSIDE)  
HEIGHT 26M. N.G.R. NO(37)101239

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	39.6	1.28	71.2	17.6	
FEBRUARY	74.0	2.62	119.7	30.5	
MARCH	98.7	3.18	158.8	50.7	
APRIL	154.2	5.14	204.5	94.6	
MAY	174.1	5.62	228.0	88.7	
JUNE	179.4	5.98	245.9	100.8	
JULY	164.9	5.32	287.2	82.5	
AUGUST	134.2	4.33	221.7	89.4	
SEPTEMBER	111.1	3.70	150.8	60.9	
OCTOBER	84.1	2.71	123.3	37.4	
NOVEMBER	53.2	1.77	88.5	31.8	
DECEMBER	33.1	1.07	58.5	10.8	
YEAR	1300.6	3.56	1646.5	1111.9	

KIRKCALDY (FIFE)  
HEIGHT 68M. N.G.R. NT(36)268912

MONTH	1941-52.55-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.3	1.40	79.5	22.1	
FEBRUARY	76.0	2.69	141.9	35.9	
MARCH	99.7	3.21	147.6	52.0	
APRIL	151.1	5.04	205.0	91.0	
MAY	169.4	5.47	229.9	97.9	
JUNE	169.7	5.66	246.6	96.5	
JULY	162.1	5.23	269.4	101.4	
AUGUST	146.0	4.71	209.7	81.1	
SEPTEMBER	116.3	3.88	160.0	63.0	
OCTOBER	92.8	2.99	135.8	39.4	
NOVEMBER	54.3	1.81	102.0	28.8	
DECEMBER	37.1	1.20	58.6	12.4	
YEAR	1317.8	3.61	1589.8	1064.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

LEUCHARS (FIFE)  
HEIGHT 11M. N.G.R. NO(37)468207

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	54.7	1.76	101.4	20.5	
FEBRUARY	84.7	3.00	128.4	37.4	
MARCH	113.8	3.67	166.7	49.0	
APRIL	167.7	5.59	214.8	101.2	
MAY	188.1	6.07	256.2	115.4	
JUNE	192.1	6.40	263.6	109.3	
JULY	181.6	5.86	261.8	115.9	
AUGUST	151.7	4.89	213.6	97.4	
SEPTEMBER	130.4	4.35	178.6	76.7	
OCTOBER	101.5	3.27	143.2	48.1	
NOVEMBER	67.7	2.26	109.3	32.5	
DECEMBER	49.0	1.58	82.4	24.4	
YEAR	1483.0	4.06	1733.3	1185.0	

ST ANDREWS (FIFE)  
HEIGHT 34M. N.G.R. NO(37)503167

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.7	1.70	99.3	19.4	
FEBRUARY	82.5	2.92	132.0	35.5	
MARCH	108.5	3.50	162.6	46.5	
APRIL	161.2	5.37	211.3	93.3	
MAY	179.9	5.80	244.6	118.4	
JUNE	188.2	6.27	265.9	103.2	
JULY	172.6	5.57	260.7	91.7	
AUGUST	146.8	4.74	203.0	91.9	
SEPTEMBER	126.5	4.22	170.6	69.4	
OCTOBER	97.3	3.14	139.4	48.1	
NOVEMBER	64.1	2.14	110.5	23.9	
DECEMBER	46.2	1.49	70.1	25.5	
YEAR	1426.5	3.91	1724.0	1172.0	

DUNBAR (LOTHIAN)  
HEIGHT 25M. N.G.R. NT(36)672791

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.5	1.73	94.6	11.2	
FEBRUARY	83.4	2.95	124.5	46.5	
MARCH	116.9	3.77	174.9	56.0	
APRIL	165.8	5.53	213.3	106.1	
MAY	189.1	6.10	254.7	138.2	
JUNE	199.3	6.64	273.3	110.8	
JULY	184.0	5.93	282.8	113.1	
AUGUST	163.1	5.26	210.6	114.1	
SEPTEMBER	138.8	4.63	190.7	86.4	
OCTOBER	105.8	3.41	155.3	35.9	
NOVEMBER	64.5	2.15	86.7	31.2	
DECEMBER	50.7	1.64	68.4	32.5	
YEAR	1514.9	4.15	1878.3	1212.8	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

EDINBURGH/BLACKFORD HILL (LOTHIAN)  
HEIGHT 139M. N.G.R. NT(36)258706

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.0	1.61	83.2	22.8	
FEBRUARY	76.2	2.70	117.2	45.4	
MARCH	108.3	3.49	154.9	59.7	
APRIL	148.4	4.95	220.2	84.7	
MAY	175.3	5.66	247.9	107.5	
JUNE	180.9	6.03	268.8	102.7	
JULY	162.6	5.25	291.3	101.8	
AUGUST	144.6	4.66	224.8	99.3	
SEPTEMBER	122.0	4.07	163.7	63.9	
OCTOBER	98.0	3.16	134.5	44.0	
NOVEMBER	57.4	1.91	98.8	34.5	
DECEMBER	46.0	1.48	60.9	26.1	
YEAR	1369.7	3.75	1738.3	1146.9	

EDINBURGH/ROYAL BOTANIC GARDEN (LOTHIAN)  
HEIGHT 40M. N.G.R. NT(36)245755

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	41.2	1.33	69.6	19.0	
FEBRUARY	68.3	2.42	127.4	33.7	
MARCH	99.3	3.20	150.5	57.4	
APRIL	149.4	4.98	218.6	94.4	
MAY	176.3	5.69	241.0	114.8	
JUNE	182.5	6.08	254.2	99.5	
JULY	168.5	5.43	280.5	109.5	
AUGUST	147.2	4.75	212.3	101.1	
SEPTEMBER	120.1	4.00	165.7	65.9	
OCTOBER	91.3	2.94	125.7	45.5	
NOVEMBER	51.5	1.72	86.0	22.0	
DECEMBER	36.8	1.19	53.4	14.9	
YEAR	1332.4	3.64	1622.0	1077.7	

EDINBURGH/TURNHOUSE AIRPORT (LOTHIAN)  
HEIGHT 47M. N.G.R. NT(36)159739

MONTH	1950-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	44.1	1.42	76.9	20.1	
FEBRUARY	71.7	2.54	115.6	38.4	
MARCH	98.3	3.17	133.7	52.7	
APRIL	143.4	4.78	212.7	81.8	
MAY	173.3	5.59	233.0	98.6	
JUNE	177.3	5.91	264.8	96.7	
JULY	156.8	5.06	284.9	96.4	
AUGUST	136.8	4.41	212.7	93.9	
SEPTEMBER	111.8	3.73	152.3	67.0	
OCTOBER	88.2	2.85	117.3	60.1	
NOVEMBER	52.8	1.76	90.8	31.7	
DECEMBER	39.7	1.28	55.1	26.8	
YEAR	1294.2	3.54	1639.6	1081.4	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

PENICUIK (LOTHIAN)  
HEIGHT 190M. N.G.R. NT(36)233599

MONTH	1943-50.53-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	34.8	1.13	65.0	10.7	
FEBRUARY	66.3	2.35	115.4	30.6	
MARCH	98.9	3.19	153.7	51.1	
APRIL	140.8	4.69	208.1	80.0	
MAY	167.0	5.39	221.6	93.0	
JUNE	173.4	5.78	259.4	101.5	
JULY	149.9	4.84	273.2	95.7	
AUGUST	137.4	4.43	243.0	86.5	
SEPTEMBER	107.5	3.58	142.9	58.1	
OCTOBER	83.2	2.68	101.7	46.6	
NOVEMBER	45.5	1.52	69.0	25.1	
DECEMBER	31.6	1.02	50.9	10.3	
YEAR	1236.3	3.38	1510.5	1049.9	

MARCHMONT (BORDERS)  
HEIGHT 153M. N.G.R. NT(36)743484

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.3	1.40	88.6	10.7	S
FEBRUARY	62.4	2.21	102.9	32.5	S
MARCH	96.9	3.12	168.1	41.0	S
APRIL	148.3	4.94	213.4	78.1	S
MAY	170.4	5.50	215.2	105.6	S
JUNE	179.8	5.99	287.5	107.6	S
JULY	153.3	4.94	259.6	71.5	S
AUGUST	141.5	4.57	223.2	91.9	S
SEPTEMBER	113.7	3.79	161.3	64.3	S
OCTOBER	77.3	2.49	108.0	46.4	S
NOVEMBER	47.8	1.59	76.3	26.2	S
DECEMBER	39.7	1.28	61.9	19.6	S
YEAR	1274.4	3.49	1567.9	1015.5	S



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 6 - SCOTLAND WEST  
AUCHINCRAIG (STRATHCLYDE)  
HEIGHT 47M. N.G.R. NS(26)389236

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	47.0	1.52	96.0	23.5	
FEBRUARY	74.4	2.64	126.2	46.0	
MARCH	105.6	3.41	137.7	47.1	
APRIL	151.3	5.04	218.9	86.4	
MAY	191.1	6.16	266.4	133.3	
JUNE	179.1	5.97	289.1	106.6	
JULY	153.5	4.95	274.9	97.3	S
AUGUST	147.7	4.77	280.9	90.1	S
SEPTEMBER	107.6	3.59	161.7	76.4	
OCTOBER	82.6	2.67	116.4	55.4	
NOVEMBER	55.1	1.84	93.1	24.6	
DECEMBER	37.5	1.21	56.3	16.0	
YEAR	1332.5	3.65	1574.6	1052.3	

GLASGOW/AIRPORT (STRATHCLYDE)  
HEIGHT 5M. N.G.R. NS(26)480667

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	35.8	1.15	60.3	10.1	
FEBRUARY	62.1	2.20	118.4	14.6	
MARCH	94.4	3.04	141.2	50.9	
APRIL	146.9	4.90	204.9	84.2	
MAY	184.5	5.95	247.0	111.6	
JUNE	181.2	6.04	266.9	89.5	
JULY	159.4	5.14	291.0	109.7	
AUGUST	142.6	4.60	222.0	84.8	
SEPTEMBER	106.0	3.53	138.0	68.2	
OCTOBER	76.0	2.45	114.2	53.0	
NOVEMBER	46.5	1.55	88.3	23.1	
DECEMBER	30.3	0.98	67.9	9.0	
YEAR	1265.7	3.46	1550.8	1081.0	

GLASGOW/SPRINGBURN (STRATHCLYDE)  
HEIGHT 131M. N.G.R. NS(26)608686

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	32.9	1.06	63.1	4.8	
FEBRUARY	60.9	2.16	109.7	22.3	
MARCH	86.3	2.78	143.3	40.9	
APRIL	135.1	4.50	191.1	77.3	
MAY	175.0	5.65	264.7	113.2	
JUNE	172.4	5.75	266.7	86.5	
JULY	152.5	4.92	292.1	101.5	
AUGUST	130.7	4.21	239.4	73.4	
SEPTEMBER	96.4	3.21	128.7	58.6	
OCTOBER	71.4	2.30	103.4	46.2	
NOVEMBER	43.2	1.44	75.8	18.2	
DECEMBER	26.3	0.85	59.6	5.0	
YEAR	1183.1	3.24	1563.2	953.3	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

GREENOCK (STRATHCLYDE)  
HEIGHT 64M. N.G.R. NS(26)274757

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	26.6	0.86	58.0	9.4	S
FEBRUARY	58.6	2.07	109.2	17.3	S
MARCH	92.4	2.98	136.3	40.7	
APRIL	149.2	4.97	207.3	89.9	
MAY	186.9	6.03	268.2	105.2	
JUNE	181.7	6.06	278.8	78.9	
JULY	156.7	5.06	284.8	104.6	
AUGUST	142.6	4.60	232.5	85.3	
SEPTEMBER	102.0	3.40	139.0	69.5	
OCTOBER	68.8	2.22	94.2	43.1	
NOVEMBER	38.8	1.29	63.6	20.6	S
DECEMBER	19.7	0.63	42.9	4.2	S
YEAR	1224.0	3.35	1529.6	1047.2	

KILMARNOCK (STRATHCLYDE)  
HEIGHT 68M. N.G.R. NS(26)14378

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	43.4	1.40	88.5	15.0	
FEBRUARY	71.9	2.55	124.7	25.0	
MARCH	101.9	3.29	150.0	47.5	
APRIL	149.1	4.97	215.9	97.8	
MAY	195.7	6.31	282.2	113.1	
JUNE	181.9	6.06	282.8	85.8	S
JULY	153.1	4.94	291.0	88.3	S
AUGUST	144.5	4.66	265.8	73.4	S
SEPTEMBER	106.2	3.54	144.9	59.0	
OCTOBER	79.5	2.57	111.9	54.9	
NOVEMBER	49.5	1.65	82.9	22.2	
DECEMBER	33.5	1.08	51.2	15.7	
YEAR	1310.2	3.59	1541.9	1104.4	

PAISLEY (STRATHCLYDE)  
HEIGHT 64M. N.G.R. NS(26)478642

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	32.9	1.06	54.2	16.3	S
FEBRUARY	58.5	2.07	109.4	17.8	
MARCH	91.0	2.93	135.1	45.8	
APRIL	142.0	4.73	197.1	87.8	
MAY	178.3	5.75	253.9	110.9	
JUNE	174.4	5.81	265.8	82.0	
JULY	152.9	4.93	281.7	94.9	
AUGUST	138.3	4.46	229.7	84.1	
SEPTEMBER	106.7	3.56	152.1	70.5	
OCTOBER	75.5	2.43	111.8	53.3	
NOVEMBER	43.3	1.44	82.2	25.4	S
DECEMBER	27.1	0.87	64.6	7.5	S
YEAR	1220.9	3.34	1477.5	1021.4	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

TIREE (STRATHCLYDE)  
HEIGHT 17M. N.G.R. NI(07)999446

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	41.7	1.35	69.1	18.0	
FEBRUARY	71.5	2.53	110.0	43.2	
MARCH	112.9	3.64	169.5	59.5	
APRIL	172.5	5.75	253.6	113.0	
MAY	223.4	7.21	328.7	102.0	
JUNE	197.2	6.57	297.6	132.0	
JULY	161.0	5.19	225.4	99.9	
AUGUST	164.6	5.31	267.6	76.3	
SEPTEMBER	117.1	3.90	170.7	80.3	
OCTOBER	78.0	2.52	111.9	50.1	
NOVEMBER	50.7	1.69	82.7	24.8	
DECEMBER	29.0	0.94	52.7	8.7	
YEAR	1419.6	3.88	1630.4	1243.6	

DUMFRIES (DUMFRIES & GALLOWAY)  
HEIGHT 51M. N.G.R. NX(25)982747

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.6	1.41	75.2	19.3	
FEBRUARY	69.6	2.46	116.8	35.6	
MARCH	101.4	3.27	135.9	53.9	
APRIL	142.3	4.74	196.6	92.3	
MAY	180.8	5.83	247.6	98.6	
JUNE	179.7	5.99	274.7	104.6	
JULY	152.1	4.91	274.6	76.8	
AUGUST	146.5	4.73	280.6	71.0	
SEPTEMBER	108.1	3.60	151.8	71.9	
OCTOBER	86.3	2.78	117.3	53.4	
NOVEMBER	55.9	1.86	85.0	31.8	
DECEMBER	37.8	1.22	63.1	14.1	
YEAR	1304.1	3.57	1603.6	1104.9	

ESKDALEMUIR (DUMFRIES & GALLOWAY)  
HEIGHT 244M. N.G.R. NT(36)235026

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	44.4	1.43	96.0	16.1	
FEBRUARY	67.0	2.37	117.5	18.2	
MARCH	96.4	3.11	137.9	59.3	
APRIL	132.1	4.40	196.6	80.2	
MAY	165.6	5.34	254.2	78.8	
JUNE	164.9	5.49	275.9	104.9	
JULY	138.7	4.47	257.4	79.9	
AUGUST	127.9	4.13	259.7	58.4	
SEPTEMBER	96.7	3.22	152.8	54.9	
OCTOBER	78.3	2.52	130.2	42.4	
NOVEMBER	54.3	1.81	87.5	20.4	
DECEMBER	39.8	1.29	73.7	10.4	
YEAR	1206.1	3.30	1533.5	953.6	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DISTRICT 2 - ENGLAND EAST & NORTHEAST  
ACKLINGTON (NORTHUMBERLAND)  
HEIGHT 44M. N.G.R. NU(46)225007

MONTH	1945-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.6	1.73	103.5	12.2	
FEBRUARY	75.5	2.67	115.8	39.9	
MARCH	107.1	3.45	171.8	31.1	
APRIL	158.0	5.27	211.7	101.2	
MAY	183.7	5.93	226.7	130.2	
JUNE	189.5	6.31	261.1	124.5	
JULY	169.2	5.46	267.9	80.5	
AUGUST	150.0	4.84	228.3	87.0	
SEPTEMBER	128.1	4.27	181.5	75.5	
OCTOBER	99.7	3.21	146.9	53.0	
NOVEMBER	64.2	2.14	108.8	24.5	
DECEMBER	50.0	1.61	76.8	25.3	
YEAR	1428.6	3.91	1670.7	1128.7	

BERWICK-ON-TWEED (NORTHUMBERLAND)  
HEIGHT 23M. N.G.R. NU(46)002528

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.3	1.69	90.9	14.9	
FEBRUARY	77.9	2.76	116.7	43.0	
MARCH	110.9	3.58	167.3	34.8	
APRIL	160.0	5.33	217.4	104.6	
MAY	179.6	5.79	245.5	121.9	
JUNE	187.1	6.23	267.1	103.1	
JULY	167.5	5.40	262.6	100.0	
AUGUST	151.8	4.90	199.2	92.7	
SEPTEMBER	132.1	4.40	176.6	75.6	
OCTOBER	102.2	3.30	136.7	44.9	
NOVEMBER	61.8	2.06	96.1	23.1	
DECEMBER	47.9	1.55	78.7	25.1	
YEAR	1431.1	3.92	1764.1	1209.8	

COCKLE PARK (NORTHUMBERLAND)  
HEIGHT 100M. N.G.R. NZ(45)200912

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.7	1.70	104.4	12.0	
FEBRUARY	73.3	2.60	115.0	36.3	
MARCH	105.5	3.40	182.2	30.5	
APRIL	148.0	4.93	198.4	90.7	
MAY	174.2	5.62	217.1	123.0	
JUNE	180.9	6.03	266.3	109.7	
JULY	157.0	5.07	252.5	75.6	
AUGUST	142.4	4.59	226.9	84.1	
SEPTEMBER	122.9	4.10	173.5	73.1	
OCTOBER	95.6	3.08	131.0	48.2	
NOVEMBER	63.5	2.11	110.2	20.6	
DECEMBER	51.1	1.65	74.7	25.9	
YEAR	1367.1	3.74	1640.8	1084.5	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

TYNEMOUTH (TYNE & WEAR)  
HEIGHT 35M. N.G.R. NZ(45)374695

MONTH	1941-49.51-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	42.6	1.37	93.5	6.0	
FEBRUARY	66.7	2.36	107.6	29.4	
MARCH	102.1	3.29	165.7	29.7	
APRIL	150.2	5.01	198.4	98.2	
MAY	170.4	5.50	223.2	124.8	
JUNE	180.2	6.01	264.5	103.7	
JULY	164.8	5.31	249.2	86.1	
AUGUST	145.1	4.68	190.0	90.3	
SEPTEMBER	120.9	4.03	173.7	72.9	
OCTOBER	93.1	3.00	132.7	42.3	
NOVEMBER	52.7	1.75	96.0	18.9	
DECEMBER	38.4	1.24	70.7	16.0	
YEAR	1327.2	3.63	1598.7	1115.9	

DURHAM (DURHAM)  
HEIGHT 113M. N.G.R. NZ(45)267416

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	51.4	1.66	94.0	12.5	
FEBRUARY	70.3	2.49	115.4	35.2	
MARCH	104.3	3.36	155.5	33.1	
APRIL	141.6	4.72	203.3	81.0	
MAY	167.5	5.40	214.6	103.4	
JUNE	176.0	5.87	253.5	103.5	
JULY	154.6	4.99	254.5	75.3	
AUGUST	143.3	4.62	234.5	95.6	
SEPTEMBER	121.8	4.06	163.2	72.4	
OCTOBER	94.3	3.04	127.3	40.9	
NOVEMBER	60.1	2.00	120.0	30.1	
DECEMBER	46.5	1.50	72.8	25.8	
YEAR	1331.7	3.64	1576.8	1123.9	

HOUGHALL (DURHAM)  
HEIGHT 113M. N.G.R. NZ(45)283412

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	43.1	1.39	72.2	10.8	
FEBRUARY	66.0	2.34	105.2	36.2	S
MARCH	101.4	3.27	149.9	29.6	
APRIL	139.8	4.66	196.2	83.6	
MAY	170.5	5.50	220.3	106.2	
JUNE	178.7	5.95	258.1	105.9	
JULY	157.5	5.08	254.7	70.7	S
AUGUST	142.1	4.59	210.6	100.1	S
SEPTEMBER	121.6	4.05	172.7	75.2	
OCTOBER	91.3	2.94	120.1	45.9	S
NOVEMBER	54.1	1.80	98.0	31.9	
DECEMBER	40.3	1.30	76.1	22.3	
YEAR	1306.4	3.57	1570.2	1087.3	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

REOCAR (CLEVELAND)  
HEIGHT 10M. N.G.R. NZ(45)599249

MONTH	1941-69				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	42.4	1.37	72.9	8.9	
FEBRUARY	60.4	2.14	100.3	32.0	
MARCH	98.2	3.17	144.1	36.6	
APRIL	142.2	4.74	189.1	87.0	
MAY	166.6	5.37	212.5	107.3	
JUNE	173.5	5.78	259.3	98.9	
JULY	161.3	5.20	215.2	82.6	
AUGUST	144.2	4.65	212.9	90.7	
SEPTEMBER	122.9	4.10	171.5	81.1	
OCTOBER	92.7	2.99	120.7	36.9	
NOVEMBER	51.3	1.71	81.9	28.6	
DECEMBER	39.2	1.26	66.5	22.3	
YEAR	1294.9	3.54	1542.1	1060.5	

AMPLEFORTH (NORTH YORKSHIRE)  
HEIGHT 108M. N.G.R. SE(44)598789

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	27.4	0.88	70.1	14.8	S
FEBRUARY	62.8	2.22	102.0	28.6	
MARCH	103.7	3.34	154.2	35.8	
APRIL	142.3	4.74	205.8	78.3	
MAY	178.3	5.75	227.2	106.9	S
JUNE	178.0	5.93	261.1	112.3	S
JULY	160.6	5.18	268.3	86.5	
AUGUST	144.5	4.66	257.3	99.5	
SEPTEMBER	113.2	3.77	165.8	80.1	
OCTOBER	83.8	2.70	127.8	43.2	
NOVEMBER	42.6	1.42	92.1	17.0	S
DECEMBER	31.5	1.01	51.9	14.1	S
YEAR	1268.7	3.47	1551.4	1042.3	S

ASKHAM BRYAN (NORTH YORKSHIRE)  
HEIGHT 35M. N.G.R. SE(44)552475

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	42.9	1.38	79.2	14.3	
FEBRUARY	63.6	2.25	105.7	27.9	
MARCH	99.6	3.21	142.7	47.4	
APRIL	141.9	4.73	209.8	74.9	
MAY	178.4	5.75	244.7	105.0	
JUNE	185.8	6.19	293.5	119.7	
JULY	161.8	5.22	253.2	85.9	
AUGUST	145.1	4.68	245.6	84.4	
SEPTEMBER	114.3	3.81	161.7	69.3	
OCTOBER	86.7	2.80	118.9	48.9	
NOVEMBER	51.2	1.71	102.6	26.4	
DECEMBER	39.1	1.26	65.2	18.0	
YEAR	1310.4	3.58	1471.2	1140.4	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SCARBOROUGH (NORTH YORKSHIRE)  
HEIGHT 34M. N.G.R. TA(54)039896

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	41.8	1.35	82.5	8.0	
FEBRUARY	63.1	2.24	127.4	18.7	
MARCH	107.2	3.46	159.8	38.7	
APRIL	152.2	5.07	203.2	80.6	
MAY	183.9	5.93	245.9	118.4	
JUNE	191.5	6.38	257.3	116.0	
JULY	175.7	5.67	245.5	96.9	
AUGUST	155.2	5.01	239.2	110.0	
SEPTEMBER	131.5	4.38	181.3	78.8	
OCTOBER	101.5	3.27	139.1	45.8	
NOVEMBER	51.7	1.72	94.1	23.6	
DECEMBER	37.0	1.19	62.1	17.6	
YEAR	1392.3	3.81	1639.1	1095.8	

WHITBY (NORTH YORKSHIRE)  
HEIGHT 44M. N.G.R. NZ(45)893104

MONTH	1941-68				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.3	1.49	83.7	14.4	
FEBRUARY	63.5	2.25	114.8	23.5	
MARCH	112.9	3.64	175.8	37.5	
APRIL	152.4	5.08	218.3	81.4	
MAY	177.5	5.73	253.7	117.7	
JUNE	177.5	5.92	283.0	92.4	
JULY	159.1	5.13	244.0	93.8	
AUGUST	153.9	4.96	221.8	111.6	
SEPTEMBER	133.9	4.46	184.1	97.7	
OCTOBER	102.1	3.29	136.9	39.3	
NOVEMBER	52.0	1.73	77.1	20.2	
DECEMBER	41.7	1.35	68.8	12.3	
YEAR	1372.8	3.75	1606.5	1106.6	

CLEETHORPES (HUMBERSIDE)  
HEIGHT 13M. N.G.R. TA(54)314079

MONTH	1941-56.58-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	48.5	1.57	78.0	11.6	
FEBRUARY	65.3	2.31	135.7	18.0	
MARCH	109.9	3.55	173.5	35.1	
APRIL	157.4	5.25	222.4	88.4	
MAY	191.8	6.19	258.6	129.9	
JUNE	200.6	6.69	283.4	119.3	
JULY	184.0	5.93	259.5	82.3	
AUGUST	167.7	5.41	242.9	117.1	
SEPTEMBER	138.8	4.63	183.9	80.6	
OCTOBER	103.5	3.34	153.5	62.3	
NOVEMBER	55.9	1.86	97.4	28.4	
DECEMBER	46.1	1.49	85.5	13.3	
YEAR	1469.5	4.02	1755.2	1178.8	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

KINGSTON-UPON-HULL (HUMBERSIDE)  
HEIGHT 11M. N.G.R. TA(54)084302

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	39.4	1.27	86.3	12.3	
FEBRUARY	59.0	2.09	108.1	16.5	
MARCH	96.8	3.12	148.7	42.6	
APRIL	145.0	4.83	211.5	88.9	
MAY	178.9	5.77	239.7	130.5	
JUNE	189.3	6.31	268.4	115.6	
JULY	170.6	5.50	241.3	94.5	
AUGUST	158.0	5.10	233.8	111.5	
SEPTEMBER	128.7	4.29	176.1	62.7	
OCTOBER	95.0	3.07	144.9	54.8	
NOVEMBER	49.9	1.66	93.4	27.9	
DECEMBER	35.2	1.14	63.8	11.7	
YEAR	1345.8	3.68	1638.6	1168.6	

CRANWELL (LINCOLNSHIRE)  
HEIGHT 67M. N.G.R. TF(53)003494

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	54.8	1.77	90.8	24.1	
FEBRUARY	71.6	2.53	126.4	22.7	
MARCH	113.1	3.65	182.8	54.3	
APRIL	157.7	5.26	247.2	87.2	
MAY	196.6	6.34	268.4	137.4	
JUNE	201.0	6.70	277.0	124.1	
JULY	180.0	5.80	252.2	91.2	
AUGUST	165.9	5.35	257.1	107.9	
SEPTEMBER	137.0	4.57	193.2	76.9	
OCTOBER	103.2	3.33	136.8	61.1	
NOVEMBER	60.2	2.00	77.9	39.8	
DECEMBER	52.4	1.69	77.4	27.9	
YEAR	1493.5	4.08	1755.7	1277.1	

SKEGNESS (LINCOLNSHIRE)  
HEIGHT 22M. N.G.R. TF(53)569631

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.3	1.69	96.1	25.8	
FEBRUARY	68.6	2.43	120.5	16.5	
MARCH	115.4	3.72	182.3	45.7	
APRIL	163.4	5.45	237.5	94.2	
MAY	200.2	6.46	281.8	156.9	
JUNE	203.6	6.79	287.7	123.4	
JULY	187.3	6.04	265.8	119.6	
AUGUST	174.3	5.62	260.2	117.2	
SEPTEMBER	144.8	4.83	191.6	92.5	
OCTOBER	104.5	3.37	184.3	71.1	
NOVEMBER	61.0	2.03	96.5	38.2	
DECEMBER	47.5	1.52	75.0	22.2	
YEAR	1522.9	4.16	1905.5	1361.6	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

WADDINGTON (LINCOLNSHIRE)  
HEIGHT 79M. N.G.R. SK1431988653

MONTH	1946-53.55-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.4	1.66	87.1	22.6	
FEBRUARY	72.2	2.56	119.0	24.7	
MARCH	111.5	3.60	174.3	56.5	
APRIL	160.9	5.37	252.1	90.1	
MAY	202.9	6.54	276.2	140.7	
JUNE	209.5	6.98	282.5	129.8	
JULY	183.3	5.91	262.5	101.2	
AUGUST	168.7	5.44	267.7	109.1	
SEPTEMBER	134.1	4.47	177.0	75.2	
OCTOBER	102.4	3.30	162.0	59.8	
NOVEMBER	58.8	1.96	90.8	37.0	
DECEMBER	47.0	1.51	69.1	22.7	
YEAR	1502.7	4.11	1799.1	1308.2	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DISTRICT 3 - EAST ANGLIA  
BURLINGHAM (NORFOLK)  
HEIGHT 33M. N.G.R. TG1631373101

MONTH	1948-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.5	1.69	85.1	24.8	
FEBRUARY	71.0	2.52	138.7	17.1	
MARCH	121.7	3.93	187.7	56.0	
APRIL	175.6	5.85	257.0	96.6	
MAY	209.0	6.74	293.1	167.6	
JUNE	210.5	7.01	283.8	129.0	
JULY	195.1	6.29	275.4	129.0	
AUGUST	180.3	5.81	264.9	105.5	
SEPTEMBER	151.8	5.06	203.1	96.9	
OCTOBER	115.5	3.72	165.3	74.9	
NOVEMBER	65.4	2.18	103.5	42.1	
DECEMBER	51.3	1.65	91.8	13.6	
YEAR	1599.7	4.37	1854.8	1376.9	

CROMER (NORFOLK)  
HEIGHT 56M. N.G.R. TG1631208422

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.4	1.66	88.7	20.3	
FEBRUARY	68.3	2.42	145.0	19.3	
MARCH	121.0	3.90	185.6	50.8	
APRIL	165.2	5.51	248.9	90.5	
MAY	200.6	6.47	266.6	144.8	
JUNE	200.0	6.67	276.0	110.4	
JULY	187.9	6.06	258.5	108.9	
AUGUST	174.5	5.63	240.4	99.0	
SEPTEMBER	149.5	4.98	212.3	111.0	
OCTOBER	109.5	3.53	165.7	69.8	
NOVEMBER	61.6	2.05	86.2	32.0	
DECEMBER	50.3	1.62	98.4	11.7	
YEAR	1539.8	4.21	1854.6	1206.9	

CORLESTON (NORFOLK)  
HEIGHT 9M. N.G.R. TG1631534037

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.5	1.63	92.6	19.9	
FEBRUARY	67.0	2.37	124.5	18.4	
MARCH	118.2	3.81	178.5	49.3	
APRIL	170.1	5.67	239.5	100.8	
MAY	210.7	6.80	284.9	166.0	
JUNE	211.1	7.03	290.8	144.9	
JULY	202.3	6.53	298.7	131.1	
AUGUST	185.5	5.98	307.0	109.5	
SEPTEMBER	150.1	5.00	192.9	111.4	
OCTOBER	113.7	3.67	149.3	75.4	
NOVEMBER	60.6	2.02	85.5	35.3	
DECEMBER	50.0	1.61	78.8	16.2	
YEAR	1589.8	4.34	1868.9	1306.0	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

TERRINGTON ST CLEMENT (NORFOLK)  
HEIGHT 5M. N.G.R. TF(53)547187

MONTH	1941-46.51-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.7	1.67	92.4	23.9	
FEBRUARY	66.9	2.37	121.1	16.6	
MARCH	114.9	3.71	174.9	54.7	
APRIL	158.2	5.27	230.6	94.7	
MAY	199.6	6.44	287.7	157.3	
JUNE	195.5	6.52	269.4	99.4	
JULY	179.8	5.80	251.4	111.6	
AUGUST	171.4	5.53	255.8	115.2	
SEPTEMBER	137.8	4.59	212.9	92.8	
OCTOBER	104.1	3.36	175.4	65.0	
NOVEMBER	50.0	2.00	95.1	40.7	
DECEMBER	44.0	1.42	87.7	13.5	
YEAR	1483.9	4.06	1812.4	1253.8	

CAMBRIDGE/NIAB (CAMBRIDGESHIRE)  
HEIGHT 28M. N.G.R. TL(52)1434604

MONTH	1951-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.5	1.72	91.5	30.3	
FEBRUARY	70.5	2.50	122.7	29.1	
MARCH	117.1	3.78	188.3	52.4	
APRIL	159.5	5.32	247.0	82.2	
MAY	199.3	6.43	264.6	141.0	
JUNE	208.5	6.95	289.6	116.5	
JULY	186.6	6.02	270.7	103.4	
AUGUST	176.4	5.69	281.6	119.6	
SEPTEMBER	141.4	4.71	196.1	73.2	
OCTOBER	108.8	3.51	167.6	64.0	
NOVEMBER	59.9	2.00	86.6	28.7	
DECEMBER	48.2	1.55	73.5	15.5	
YEAR	1529.7	4.18	1870.6	1182.0	

LOWESTOFT (SUFFOLK)  
HEIGHT 28M. N.G.R. TM(62)543947

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.8	1.64	95.1	18.1	
FEBRUARY	67.1	2.37	121.8	14.0	
MARCH	119.0	3.84	181.4	59.2	
APRIL	170.6	5.69	239.1	104.1	
MAY	210.5	6.79	286.1	165.4	
JUNE	216.6	7.22	290.5	132.5	
JULY	201.9	6.51	304.9	128.2	
AUGUST	183.3	5.91	295.1	102.9	
SEPTEMBER	149.9	4.99	197.6	104.9	
OCTOBER	113.6	3.67	165.2	68.3	
NOVEMBER	60.4	2.02	84.5	27.7	
DECEMBER	49.8	1.61	80.1	11.0	
YEAR	1593.5	4.35	1930.7	1328.0	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SILSOE (BEDFORDSHIRE)  
HEIGHT 74M. N.G.R. TL(52)092358

MONTH	1949-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.8	1.70	82.2	28.3	
FEBRUARY	69.8	2.47	121.5	25.4	
MARCH	116.9	3.77	181.4	55.9	
APRIL	158.9	5.29	245.8	83.9	
MAY	195.9	6.32	259.9	138.5	
JUNE	206.9	6.89	293.4	119.8	
JULY	188.6	6.08	271.8	101.8	
AUGUST	175.9	5.67	280.8	114.8	
SEPTEMBER	142.2	4.74	190.7	73.6	
OCTOBER	105.5	3.40	157.7	67.9	
NOVEMBER	58.5	1.95	84.1	25.7	
DECEMBER	51.6	1.67	85.4	18.9	
YEAR	1523.5	4.16	1852.1	1207.1	

MOBURN (BEDFORDSHIRE)  
HEIGHT 91M. N.G.R. SP(42)1964358

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.7	1.67	83.0	32.3	
FEBRUARY	66.9	2.37	116.5	26.3	
MARCH	112.9	3.64	176.3	57.3	
APRIL	150.6	5.02	233.0	84.6	
MAY	188.4	6.08	250.1	132.5	
JUNE	199.7	6.65	276.3	110.3	
JULY	179.9	5.80	258.9	95.9	
AUGUST	167.3	5.40	267.2	109.5	
SEPTEMBER	134.8	4.49	196.5	69.8	
OCTOBER	101.7	3.28	145.5	64.2	
NOVEMBER	58.9	1.96	81.8	30.1	
DECEMBER	47.3	1.53	78.0	19.6	
YEAR	1460.1	3.99	1785.6	1162.1	

ROTHAMSTED (HERTFORDSHIRE)  
HEIGHT 138M. N.G.R. TL(52)1132134

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.9	1.64	87.7	27.4	
FEBRUARY	65.3	2.31	116.4	29.2	
MARCH	111.2	3.59	166.1	59.4	
APRIL	151.9	5.06	221.4	84.7	
MAY	186.7	6.02	245.0	131.2	
JUNE	199.4	6.65	287.7	124.9	
JULY	178.8	5.77	277.0	90.8	
AUGUST	167.5	5.40	271.4	111.7	
SEPTEMBER	133.5	4.45	207.6	66.5	
OCTOBER	98.0	3.16	150.1	55.6	
NOVEMBER	56.3	1.87	83.5	26.5	
DECEMBER	47.0	1.52	87.0	12.3	
YEAR	1446.5	3.95	1775.1	1149.2	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

CLACTON-ON-SEA (ESSEX)  
HEIGHT 28M. N.G.R. TM(62)172143

MONTH	1941-42.46-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	54.3	1.75	95.4	19.4	
FEBRUARY	71.7	2.54	132.8	27.1	
MARCH	121.2	3.91	180.5	61.8	
APRIL	172.3	5.74	235.0	114.4	
MAY	213.3	6.88	264.2	164.3	
JUNE	229.1	7.64	296.9	158.9	
JULY	206.7	6.67	310.0	129.6	
AUGUST	195.3	6.30	307.6	134.6	
SEPTEMBER	155.8	5.19	237.7	89.6	
OCTOBER	116.6	3.76	168.5	75.6	
NOVEMBER	68.0	2.27	94.1	30.1	
DECEMBER	51.7	1.67	86.0	15.0	
YEAR	1656.0	4.53	2057.5	1409.5	

SHOEBURYNESSE (ESSEX)  
HEIGHT 13M. N.G.R. TQ(51)948857

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.1	1.65	94.8	25.2	
FEBRUARY	70.2	2.49	121.9	27.7	
MARCH	118.6	3.83	174.1	63.2	
APRIL	167.4	5.58	221.9	101.4	
MAY	213.3	6.88	264.2	164.5	
JUNE	225.9	7.53	284.4	156.7	
JULY	208.0	6.71	294.3	143.9	
AUGUST	191.7	6.18	279.3	142.4	
SEPTEMBER	150.1	5.00	226.4	86.3	
OCTOBER	113.5	3.66	166.5	80.9	
NOVEMBER	64.5	2.15	99.7	28.5	
DECEMBER	45.4	1.46	74.7	12.8	
YEAR	1619.7	4.43	1981.9	1437.5	

SOUTHEND (ESSEX)  
HEIGHT 35M. N.G.R. TQ(51)900850

MONTH	1945-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.6	1.66	96.7	21.7	
FEBRUARY	69.4	2.46	131.9	28.2	
MARCH	117.3	3.78	176.1	58.1	
APRIL	165.5	5.51	236.4	78.6	
MAY	209.8	6.77	261.4	157.1	
JUNE	218.5	7.28	284.2	148.4	
JULY	201.0	6.48	288.6	132.8	
AUGUST	190.7	6.15	299.6	127.2	
SEPTEMBER	153.1	5.10	233.2	86.4	
OCTOBER	114.9	3.71	176.5	80.9	
NOVEMBER	63.6	2.12	101.8	26.8	
DECEMBER	46.5	1.50	79.3	6.5	
YEAR	1601.9	4.38	1994.5	1347.4	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DISTRICT 4 - MIDLAND COUNTIES  
BRADFORD (WEST YORKSHIRE)  
HEIGHT 136M. N.G.R. SE(44)149352

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	32.4	1.05	54.5	10.6	S
FEBRUARY	55.5	1.97	94.6	26.0	
MARCH	90.1	2.91	146.4	35.2	S
APRIL	136.8	4.56	197.2	75.0	
MAY	171.7	5.54	248.5	108.6	
JUNE	187.8	6.26	300.1	98.1	
JULY	161.8	5.22	250.6	92.7	
AUGUST	146.6	4.73	254.8	91.4	
SEPTEMBER	110.0	3.67	158.2	46.1	
OCTOBER	81.1	2.61	113.8	40.7	S
NOVEMBER	42.4	1.41	82.9	23.8	
DECEMBER	26.5	0.85	44.0	11.0	
YEAR	1242.7	3.40	1572.4	1067.2	

HUDDERSFIELD/DAKES (WEST YORKSHIRE)  
HEIGHT 224M. N.G.R. SE(44)113177

MONTH	1945-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	41.2	1.33	87.0	11.1	
FEBRUARY	56.7	2.01	111.9	20.0	
MARCH	91.2	2.94	141.4	37.7	
APRIL	129.9	4.33	175.2	61.7	
MAY	162.3	5.24	236.0	101.9	
JUNE	179.5	5.98	289.5	97.3	
JULY	155.1	5.00	276.8	84.2	
AUGUST	144.2	4.65	240.9	84.8	
SEPTEMBER	110.9	3.70	155.9	61.4	
OCTOBER	88.3	2.85	126.3	45.7	
NOVEMBER	48.7	1.62	87.4	22.5	
DECEMBER	38.1	1.23	74.7	10.5	
YEAR	1246.1	3.41	1526.6	1008.3	

HUDDERSFIELD/RAVENSKNOLLE (WEST YORKSHIRE)  
HEIGHT 112M. N.G.R. SE(44)163165

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	30.2	0.97	51.6	7.9	
FEBRUARY	49.1	1.74	88.7	19.4	
MARCH	80.0	2.58	142.1	33.1	
APRIL	122.1	4.07	160.6	56.6	
MAY	154.2	4.97	224.1	81.1	
JUNE	174.3	5.81	267.1	91.5	
JULY	151.1	4.87	240.6	82.3	
AUGUST	136.4	4.40	234.9	78.7	
SEPTEMBER	109.6	3.65	154.6	60.7	
OCTOBER	82.1	2.65	109.0	42.7	
NOVEMBER	40.0	1.33	75.2	18.5	
DECEMBER	28.6	0.92	51.2	6.3	
YEAR	1157.7	3.16	1392.8	893.9	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

ILKLEY (WEST YORKSHIRE)  
HEIGHT 99M. N.G.R. SE1441125478

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	41.1	1.33	71.6	21.7	
FEBRUARY	60.7	2.15	99.5	27.0	
MARCH	96.6	3.12	146.4	33.2	
APRIL	137.1	4.57	192.7	76.5	
MAY	171.1	5.51	233.5	115.1	
JUNE	179.4	5.98	285.9	111.2	
JULY	152.2	4.91	252.3	87.5	
AUGUST	144.5	4.66	260.5	80.4	
SEPTEMBER	111.3	3.71	154.9	71.8	
OCTOBER	87.0	2.81	109.3	41.9	
NOVEMBER	49.4	1.65	97.2	26.1	
DECEMBER	36.2	1.17	60.4	18.4	
YEAR	1266.6	3.46	1480.0	1048.1	

FINNINGLEY (SOUTH YORKSHIRE)  
HEIGHT 12M. N.G.R. SK1431659989

MONTH	1946-54.58-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	43.4	1.40	71.5	14.2	
FEBRUARY	67.6	2.39	117.8	23.4	
MARCH	105.8	3.41	159.6	53.1	
APRIL	146.0	4.87	223.8	55.3	
MAY	179.9	5.80	228.5	114.9	
JUNE	193.7	6.46	274.6	125.4	
JULY	167.4	5.40	236.7	96.9	
AUGUST	156.3	5.04	257.7	110.4	
SEPTEMBER	124.6	4.15	166.6	60.6	
OCTOBER	93.8	3.03	133.0	50.4	
NOVEMBER	55.1	1.84	95.3	33.6	
DECEMBER	38.2	1.23	57.6	13.5	
YEAR	1371.8	3.75	1640.3	1205.6	

SHEFFIELD (SOUTH YORKSHIRE)  
HEIGHT 142M. N.G.R. SK1431339873

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	38.1	1.23	68.2	15.8	
FEBRUARY	54.5	1.93	101.8	18.5	
MARCH	92.4	2.98	165.4	36.1	
APRIL	129.0	4.30	182.1	70.6	
MAY	162.5	5.24	231.6	99.2	
JUNE	183.3	6.11	275.7	95.0	
JULY	159.5	5.15	231.4	69.9	
AUGUST	142.0	4.58	239.0	88.5	
SEPTEMBER	111.4	3.71	165.1	62.7	
OCTOBER	84.2	2.71	130.3	47.5	
NOVEMBER	43.4	1.45	89.2	22.5	
DECEMBER	35.3	1.14	61.3	14.3	
YEAR	1235.6	3.38	1487.7	987.7	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BUXTON (DERBYSHIRE)  
HEIGHT 309M. N.G.R. SK1431060725

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	19.0	0.61	36.2	9.4	S
FEBRUARY	45.9	1.63	74.3	12.8	S
MARCH	90.4	2.92	152.2	34.3	
APRIL	125.1	4.17	180.8	68.1	
MAY	164.2	5.30	237.7	98.9	S
JUNE	176.0	5.87	267.6	82.3	S
JULY	149.5	4.82	256.0	85.1	S
AUGUST	138.8	4.48	251.6	84.4	S
SEPTEMBER	104.9	3.50	173.0	60.6	S
OCTOBER	77.0	2.48	118.4	49.1	S
NOVEMBER	31.6	1.05	56.7	15.2	S
DECEMBER	12.4	0.40	28.4	3.2	S
YEAR	1134.8	3.10	1367.0	918.6	

NOTTINGHAM (NOTTINGHAMSHIRE)  
HEIGHT 71M. N.G.R. SK1431568395

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	37.6	1.21	66.2	15.2	
FEBRUARY	53.3	1.89	102.9	16.6	
MARCH	91.7	2.96	148.0	42.3	
APRIL	128.8	4.29	226.2	63.5	
MAY	166.6	5.37	250.0	102.3	
JUNE	178.0	5.93	263.8	101.6	
JULY	155.7	5.02	229.8	94.0	
AUGUST	145.6	4.70	249.4	94.8	
SEPTEMBER	116.9	3.90	167.2	65.6	
OCTOBER	83.3	2.69	135.9	43.9	
NOVEMBER	45.5	1.51	72.6	29.1	
DECEMBER	34.9	1.13	57.2	10.4	
YEAR	1237.9	3.38	1511.5	1030.4	

SUTTON BONINGTON (NOTTINGHAMSHIRE)  
HEIGHT 49M. N.G.R. SK1431507261

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	41.9	1.35	78.8	20.9	
FEBRUARY	63.6	2.25	116.7	19.6	
MARCH	100.6	3.24	175.0	46.0	
APRIL	140.1	4.67	213.9	77.2	
MAY	178.1	5.75	242.9	109.8	
JUNE	186.5	6.22	265.4	93.9	
JULY	168.5	5.43	246.4	106.4	
AUGUST	153.8	4.96	252.6	101.1	
SEPTEMBER	119.6	3.99	177.9	34.2	
OCTOBER	90.5	2.92	143.8	47.0	
NOVEMBER	51.1	1.70	79.0	28.1	
DECEMBER	37.8	1.22	56.6	16.0	
YEAR	1332.1	3.64	1640.4	1134.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

WATNALL (NOTTINGHAMSHIRE)  
HEIGHT 123M. N.G.R. SK(43)503456

MONTH	1948-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	40.2	1.30	74.3	20.4	
FEBRUARY	58.7	2.08	113.6	18.3	
MARCH	97.4	3.14	155.1	47.9	
APRIL	138.2	4.61	242.5	69.0	
MAY	175.2	5.65	262.7	97.4	
JUNE	185.9	6.20	260.6	107.9	
JULY	163.1	5.26	241.0	87.3	
AUGUST	150.3	4.85	257.4	97.7	
SEPTEMBER	115.7	3.86	165.5	64.8	
OCTOBER	84.9	2.74	130.2	44.8	
NOVEMBER	49.0	1.63	70.2	35.0	
DECEMBER	38.2	1.23	61.8	11.6	
YEAR	1296.8	3.55	1585.2	1047.1	

NEWPORT (SALOP)  
HEIGHT 67M. N.G.R. SJ(33)712204

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	42.6	1.37	79.1	19.3	
FEBRUARY	61.2	2.17	108.5	15.9	
MARCH	99.3	3.20	153.7	50.1	
APRIL	140.9	4.69	209.1	58.2	
MAY	175.0	5.64	259.7	115.6	
JUNE	188.1	6.27	278.1	106.5	
JULY	162.6	5.24	278.6	101.0	
AUGUST	149.8	4.83	253.8	102.1	
SEPTEMBER	116.3	3.88	173.4	79.8	
OCTOBER	83.9	2.71	115.0	41.4	
NOVEMBER	47.7	1.59	80.2	24.7	
DECEMBER	38.7	1.25	65.0	15.9	
YEAR	1306.1	3.57	1655.6	1070.5	

OSWESTRY (SALOP)  
HEIGHT 175M. N.G.R. SJ(33)278293

MONTH	1942-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	50.7	1.64	86.4	23.0	
FEBRUARY	69.4	2.46	112.0	23.4	
MARCH	109.1	3.52	157.7	48.7	
APRIL	152.3	5.07	213.6	73.0	
MAY	177.7	5.73	239.7	119.3	
JUNE	188.5	6.28	278.8	115.4	
JULY	163.0	5.26	293.9	99.7	
AUGUST	154.3	4.98	258.7	93.1	
SEPTEMBER	114.7	3.82	170.9	72.3	
OCTOBER	89.9	2.90	144.0	49.3	
NOVEMBER	56.0	1.87	84.2	27.5	
DECEMBER	49.1	1.58	74.7	23.3	
YEAR	1374.7	3.76	1642.5	1131.0	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SHAWBURY (SALOP)  
HEIGHT 82M. N.G.R. SJ(33)553221

MONTH	1946-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	47.2	1.52	81.0	26.9	
FEBRUARY	65.0	2.30	102.9	21.7	
MARCH	106.1	3.42	159.8	56.6	
APRIL	150.3	5.01	205.6	75.1	
MAY	181.5	5.86	256.9	124.5	
JUNE	193.6	6.45	292.9	120.0	
JULY	168.1	5.42	289.9	103.3	
AUGUST	154.6	4.99	249.0	107.1	
SEPTEMBER	117.7	3.92	175.3	80.6	
OCTOBER	88.4	2.85	127.0	50.6	
NOVEMBER	51.6	1.72	89.1	24.6	
DECEMBER	43.1	1.39	68.2	15.7	
YEAR	1367.2	3.74	1655.1	1136.5	

SHREWSBURY (SALOP)  
HEIGHT 61M. N.G.R. SJ(33)517136

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	49.3	1.59	87.5	23.4	
FEBRUARY	66.4	2.35	112.5	26.9	
MARCH	104.9	3.38	161.6	53.1	
APRIL	147.1	4.91	201.4	64.7	
MAY	178.7	5.76	251.7	125.7	
JUNE	188.7	6.29	283.7	116.8	
JULY	165.4	5.34	283.9	101.7	
AUGUST	155.3	5.01	244.7	113.9	
SEPTEMBER	117.6	3.92	169.1	81.5	
OCTOBER	88.4	2.85	131.1	44.3	
NOVEMBER	52.5	1.75	87.1	25.3	
DECEMBER	46.4	1.50	71.5	22.9	
YEAR	1360.7	3.72	1635.2	1203.1	

BIRMINGHAM/EDGBASTON (WEST MIDLANDS)  
HEIGHT 193M. N.G.R. SP(42)046864

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	42.7	1.38	76.8	19.0	
FEBRUARY	57.3	2.03	109.0	16.1	
MARCH	97.3	3.14	162.1	41.4	
APRIL	136.7	4.55	200.5	65.1	
MAY	169.5	5.47	235.0	94.2	
JUNE	184.5	6.15	283.1	117.4	
JULY	164.0	5.29	257.9	94.1	
AUGUST	150.6	4.86	239.5	108.3	
SEPTEMBER	117.5	3.92	174.9	66.6	
OCTOBER	87.2	2.81	130.6	40.2	
NOVEMBER	48.5	1.61	74.4	17.1	
DECEMBER	41.8	1.35	60.3	20.7	
YEAR	1297.6	3.55	1575.0	1102.6	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BIRMINGHAM/ELMDON AIRPORT (WEST MIDLANDS)  
HEIGHT 98M. N.G.R. SP(42)176839

MONTH	1949-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	44.0	1.42	73.6	17.1	
FEBRUARY	62.6	2.22	109.0	17.6	
MARCH	104.7	3.38	160.6	49.2	
APRIL	147.6	4.92	216.5	78.7	
MAY	184.1	5.94	255.2	115.4	
JUNE	195.3	6.51	291.0	128.0	
JULY	176.0	5.68	265.6	101.0	
AUGUST	161.6	5.21	257.0	118.1	
SEPTEMBER	124.9	4.16	184.7	70.7	
OCTOBER	92.1	2.97	140.0	54.6	
NOVEMBER	50.7	1.69	85.5	17.8	
DECEMBER	41.9	1.35	59.2	18.5	
YEAR	1385.5	3.79	1644.9	1168.8	

SHIPSTON-ON-STOUR (WARWICKSHIRE)  
HEIGHT 112M. N.G.R. SP(42)213407

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.1	1.68	89.1	28.0	
FEBRUARY	70.3	2.49	113.8	29.2	
MARCH	116.2	3.75	175.8	60.6	
APRIL	156.1	5.20	222.3	78.8	
MAY	187.6	6.05	249.6	114.4	
JUNE	200.3	6.68	294.0	122.8	
JULY	178.5	5.76	265.1	110.9	
AUGUST	166.7	5.38	262.2	111.9	
SEPTEMBER	132.1	4.40	199.1	70.4	
OCTOBER	100.0	3.23	130.5	59.5	
NOVEMBER	58.8	1.96	86.8	24.8	
DECEMBER	51.0	1.64	72.7	26.7	
YEAR	1469.7	4.02	1721.7	1264.5	

STRATFORD-UPON-AVON (WARWICKSHIRE)  
HEIGHT 57M. N.G.R. SP(42)164549

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.2	1.49	81.9	18.8	
FEBRUARY	65.1	2.31	107.6	15.1	
MARCH	106.1	3.42	171.4	52.7	
APRIL	147.4	4.91	221.6	84.1	
MAY	181.2	5.85	246.2	97.6	
JUNE	190.4	6.35	292.7	113.5	
JULY	173.6	5.60	255.6	109.0	
AUGUST	163.3	5.27	263.1	110.8	
SEPTEMBER	127.7	4.26	183.3	64.2	
OCTOBER	93.4	3.01	133.3	54.7	
NOVEMBER	53.3	1.78	79.9	22.5	
DECEMBER	45.0	1.45	68.2	19.7	
YEAR	1392.7	3.81	1647.2	1094.6	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

RAUNDS (NORTHAMPTONSHIRE)  
HEIGHT 62M. N.G.R. SP(42)991721

MONTH	1943-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.2	1.49	85.9	25.1	
FEBRUARY	63.7	2.26	121.1	24.3	
MARCH	106.5	3.44	177.7	54.6	
APRIL	143.7	4.79	221.1	84.0	
MAY	180.7	5.83	240.6	122.4	
JUNE	190.1	6.33	271.8	106.4	
JULY	171.5	5.53	247.8	89.4	
AUGUST	157.7	5.09	259.8	108.6	
SEPTEMBER	129.3	4.31	188.1	71.6	
OCTOBER	97.1	3.13	150.0	60.5	
NOVEMBER	53.7	1.79	79.8	31.5	
DECEMBER	42.6	1.37	75.8	15.3	
YEAR	1382.8	3.78	1688.2	1110.0	

MALVERN (HEREFORD & WORCESTER)  
HEIGHT 64M. N.G.R. SO(32)790461

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	50.4	1.62	84.3	25.7	
FEBRUARY	67.1	2.38	121.8	27.4	
MARCH	116.0	3.74	175.9	57.3	
APRIL	154.5	5.15	218.8	86.1	
MAY	186.2	6.01	254.8	112.9	
JUNE	199.8	6.66	307.1	121.2	
JULY	184.7	5.96	274.1	113.7	
AUGUST	168.5	5.44	261.0	123.1	
SEPTEMBER	130.5	4.35	197.4	77.2	
OCTOBER	98.6	3.18	131.4	49.0	
NOVEMBER	57.3	1.91	78.5	35.8	
DECEMBER	49.7	1.60	76.8	21.9	
YEAR	1463.3	4.00	1763.1	1258.2	

ROSS-ON-WYE (HEREFORD & WORCESTER)  
HEIGHT 79M. N.G.R. SO(32)598237

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.5	1.66	95.8	26.7	
FEBRUARY	68.7	2.43	114.4	25.0	
MARCH	115.0	3.71	166.9	61.4	
APRIL	154.6	5.15	218.7	73.4	
MAY	184.4	5.95	273.2	125.1	
JUNE	196.3	6.54	306.2	126.8	
JULY	175.2	5.65	274.5	94.7	
AUGUST	161.0	5.19	274.7	117.6	
SEPTEMBER	125.2	4.17	199.7	68.8	
OCTOBER	93.0	3.00	131.4	59.4	
NOVEMBER	56.5	1.89	87.1	24.5	
DECEMBER	50.5	1.63	78.1	25.6	
YEAR	1431.9	3.91	1751.6	1256.9	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

CHELTEMHAM (GLOUCESTERSHIRE)  
HEIGHT 75M. N.G.R. SO1321946218

MONTH	1941-54.57-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.1	1.46	81.2	26.7	
FEBRUARY	66.3	2.35	117.1	26.9	
MARCH	115.1	3.71	175.0	52.4	
APRIL	155.3	5.17	211.5	81.3	
MAY	186.1	6.00	257.1	109.7	
JUNE	196.7	6.56	308.5	127.1	
JULY	175.6	5.66	275.0	96.6	
AUGUST	163.3	5.27	276.4	112.5	
SEPTEMBER	130.5	4.35	207.8	54.6	
OCTOBER	101.0	3.26	139.3	60.1	
NOVEMBER	54.5	1.82	79.6	18.5	
DECEMBER	44.6	1.44	74.6	22.6	
YEAR	1434.1	3.92	1733.6	1237.9	

LITTLE RISSINGTON (GLOUCESTERSHIRE)  
HEIGHT 235M. N.G.R. SP1421210193

MONTH	1945-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.7	1.67	90.6	29.3	
FEBRUARY	68.3	2.42	114.9	26.2	
MARCH	115.8	3.73	174.1	57.2	
APRIL	157.0	5.23	223.6	76.8	
MAY	188.3	6.07	270.1	133.6	
JUNE	202.5	6.75	309.3	123.1	
JULY	180.8	5.83	271.0	103.7	
AUGUST	166.1	5.36	283.4	105.6	
SEPTEMBER	130.7	4.36	198.1	65.8	
OCTOBER	100.5	3.24	138.9	53.3	
NOVEMBER	58.3	1.94	85.2	30.8	
DECEMBER	51.0	1.64	81.5	26.5	
YEAR	1471.0	4.02	1758.9	1178.8	

ABINGDON (OXFORDSHIRE)  
HEIGHT 77M. N.G.R. SU1411478991

MONTH	1946-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.3	1.69	94.7	32.8	
FEBRUARY	73.1	2.59	126.0	24.0	
MARCH	120.3	3.88	167.4	66.0	
APRIL	164.0	5.47	227.8	80.1	
MAY	199.4	6.43	259.7	143.7	
JUNE	210.2	7.01	302.6	142.7	
JULY	192.8	6.22	278.4	101.5	
AUGUST	177.1	5.71	285.0	122.3	
SEPTEMBER	137.9	4.60	224.0	66.5	
OCTOBER	101.5	3.27	145.8	64.3	
NOVEMBER	63.1	2.11	84.1	31.3	
DECEMBER	52.4	1.69	76.1	18.3	
YEAR	1544.1	4.22	1928.6	1296.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

OXFORD (OXFORDSHIRE)  
HEIGHT 93M. N.G.R. SP1421509072

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.9	1.71	94.1	34.5	
FEBRUARY	71.3	2.53	115.9	26.3	
MARCH	119.6	3.86	174.6	65.9	
APRIL	161.2	5.37	221.3	81.5	
MAY	195.8	6.31	246.6	141.9	
JUNE	206.3	6.87	297.1	124.2	
JULY	185.2	5.97	272.7	97.5	
AUGUST	172.7	5.57	274.9	119.6	
SEPTEMBER	134.7	4.49	213.9	64.9	
OCTOBER	101.4	3.27	144.2	60.9	
NOVEMBER	62.6	2.09	84.6	31.0	
DECEMBER	53.1	1.71	77.7	18.2	
YEAR	1516.8	4.15	1853.4	1308.3	

AYLESBURY (BUCKINGHAMSHIRE)  
HEIGHT 100M. N.G.R. SP1421842114

MONTH	1944-47.51-57.59-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.8	1.48	69.7	23.2	
FEBRUARY	65.6	2.32	115.3	24.1	
MARCH	109.6	3.54	175.1	60.7	
APRIL	149.1	4.97	193.2	85.7	
MAY	188.0	6.06	234.3	130.6	
JUNE	196.6	6.55	269.6	115.8	
JULY	181.6	5.86	284.2	115.6	
AUGUST	167.4	5.40	273.4	115.6	
SEPTEMBER	130.7	4.36	208.8	57.6	
OCTOBER	98.7	3.19	163.5	66.9	
NOVEMBER	54.2	1.81	70.4	27.4	
DECEMBER	41.5	1.34	71.4	13.7	
YEAR	1428.8	3.91	1847.2	1221.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 5 - ENGLAND SOUTHEAST & CENTRAL SOUTHERN  
HAMPSHIRE (GREATER LONDON)  
HEIGHT 139M. N.G.R. TQ(51)262863

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.2	1.39	76.0	21.3	
FEBRUARY	62.8	2.22	106.7	17.3	
MARCH	111.2	3.59	173.8	56.7	
APRIL	158.8	5.29	211.2	89.1	
MAY	198.2	6.39	251.2	142.4	
JUNE	210.4	7.01	301.2	134.2	
JULY	189.6	6.11	282.0	120.7	
AUGUST	175.9	5.67	276.4	103.9	
SEPTEMBER	141.6	4.72	224.3	72.1	
OCTOBER	104.2	3.36	161.7	73.0	
NOVEMBER	56.6	1.89	93.5	31.9	
DECEMBER	41.4	1.33	85.0	7.6	
YEAR	1493.9	4.08	1847.5	1278.6	

HAMPTON (GREATER LONDON)  
HEIGHT 14M. N.G.R. TQ(51)132694

MONTH	1950-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	48.0	1.55	88.3	26.4	
FEBRUARY	65.7	2.33	108.1	19.2	
MARCH	113.6	3.67	174.8	64.2	
APRIL	162.0	5.40	224.5	93.2	
MAY	204.7	6.60	258.5	150.1	
JUNE	218.1	7.27	297.1	154.5	
JULY	199.0	6.42	304.3	108.6	
AUGUST	182.7	5.89	278.2	124.7	
SEPTEMBER	143.3	4.78	220.5	63.9	
OCTOBER	102.0	3.29	160.2	75.0	
NOVEMBER	58.6	1.95	93.8	32.8	
DECEMBER	44.0	1.42	69.5	10.6	
YEAR	1541.7	4.21	1912.4	1352.3	

KEM (GREATER LONDON)  
HEIGHT 19M. N.G.R. TQ(51)171757

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	47.6	1.54	82.4	26.2	
FEBRUARY	64.5	2.28	109.6	18.9	
MARCH	112.2	3.62	171.3	65.4	
APRIL	162.2	5.41	224.7	89.1	
MAY	203.3	6.56	257.3	149.2	
JUNE	214.1	7.14	290.8	146.5	
JULY	196.6	6.34	290.4	107.3	
AUGUST	182.8	5.90	278.5	122.6	
SEPTEMBER	143.0	4.77	219.4	63.8	
OCTOBER	102.1	3.29	159.6	77.0	
NOVEMBER	57.7	1.92	96.5	32.3	
DECEMBER	42.7	1.38	68.3	9.1	
YEAR	1528.8	4.18	1852.5	1331.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

LONDON WEATHER CENTRE (GREATER LONDON)  
HEIGHT 77M. N.G.R. TQ(51)308816

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	35.6	1.15	66.1	9.5	
FEBRUARY	53.4	1.89	104.6	12.4	
MARCH	99.5	3.21	173.9	53.2	
APRIL	151.2	5.04	245.4	76.4	
MAY	190.8	6.15	240.6	124.2	
JUNE	203.6	6.79	269.8	129.2	
JULY	185.4	5.98	263.3	118.8	
AUGUST	171.8	5.54	269.4	110.6	
SEPTEMBER	133.6	4.45	211.6	67.9	
OCTOBER	95.3	3.07	149.2	65.7	
NOVEMBER	48.6	1.62	99.0	20.6	
DECEMBER	32.7	1.06	63.9	6.8	
YEAR	1401.5	3.83	1655.2	1124.8	

RECENT'S PARK (GREATER LONDON)  
HEIGHT 47M. N.G.R. TQ(51)283826

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	35.0	1.13	59.7	16.7	
FEBRUARY	53.3	1.89	104.3	8.5	
MARCH	97.3	3.14	161.1	49.6	
APRIL	147.6	4.92	205.9	85.3	
MAY	189.2	6.10	241.9	133.0	
JUNE	202.2	6.74	267.9	127.8	
JULY	182.9	5.90	284.5	104.7	
AUGUST	170.1	5.49	276.7	103.4	
SEPTEMBER	133.2	4.44	209.4	65.4	
OCTOBER	92.5	2.98	148.9	69.9	
NOVEMBER	48.3	1.61	93.2	24.0	
DECEMBER	32.2	1.04	63.4	7.6	
YEAR	1383.8	3.78	1737.4	1167.4	

SOUTHGATE (GREATER LONDON)  
HEIGHT 69M. N.G.R. TQ(51)299952

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	39.5	1.27	68.6	19.7	
FEBRUARY	59.1	2.09	113.3	24.5	
MARCH	106.4	3.43	166.9	61.7	
APRIL	146.7	4.89	224.1	81.4	
MAY	181.3	5.85	259.0	98.8	
JUNE	185.4	6.18	276.0	100.8	
JULY	170.9	5.51	280.4	93.4	
AUGUST	163.6	5.28	291.7	105.8	
SEPTEMBER	134.8	4.49	215.0	64.0	
OCTOBER	92.3	2.97	145.5	56.3	
NOVEMBER	50.6	1.69	70.1	23.8	
DECEMBER	31.4	1.01	56.1	1.8	
YEAR	1362.0	3.72	1684.9	1105.5	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BOSCOMBE DOWN (WILTSHIRE)  
HEIGHT 134M. N.G.R. SU(41)172403

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	52.9	1.71	92.4	26.9	
FEBRUARY	72.5	2.57	115.2	28.3	
MARCH	123.1	3.97	185.0	69.6	
APRIL	165.9	5.53	228.6	90.8	
MAY	201.1	6.49	263.0	148.9	
JUNE	206.2	6.87	291.0	141.2	
JULY	192.8	6.22	277.1	111.5	
AUGUST	178.3	5.75	279.6	119.1	
SEPTEMBER	136.0	4.53	240.9	70.9	
OCTOBER	103.9	3.35	148.3	45.1	
NOVEMBER	63.9	2.13	85.1	36.8	
DECEMBER	50.8	1.64	91.3	19.8	
YEAR	1547.4	4.23	1893.0	1314.8	

PORTON (WILTSHIRE)  
HEIGHT 112M. N.G.R. SU(41)210366

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	55.3	1.78	94.1	31.3	
FEBRUARY	73.5	2.60	112.4	28.3	
MARCH	123.5	3.98	190.0	65.9	
APRIL	166.5	5.55	228.2	108.9	
MAY	204.6	6.60	273.4	146.8	
JUNE	213.3	7.11	301.7	151.7	
JULY	197.6	6.37	286.7	108.2	
AUGUST	180.1	5.81	288.1	114.3	
SEPTEMBER	138.7	4.62	241.7	76.9	
OCTOBER	106.0	3.42	150.8	45.8	
NOVEMBER	65.1	2.17	86.9	38.1	
DECEMBER	54.3	1.75	94.5	21.2	
YEAR	1578.5	4.31	1937.1	1310.0	

WISLEY (SURREY)  
HEIGHT 38M. N.G.R. TQ(51)063583

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	46.2	1.49	81.0	25.2	
FEBRUARY	62.9	2.23	122.5	20.5	
MARCH	112.5	3.63	168.8	58.8	
APRIL	156.3	5.21	218.3	86.2	
MAY	198.7	6.41	254.7	142.6	
JUNE	211.6	7.05	290.5	148.6	
JULY	194.4	6.27	285.7	107.2	
AUGUST	172.6	5.57	259.3	109.3	
SEPTEMBER	137.8	4.59	217.3	68.0	
OCTOBER	100.5	3.24	157.4	72.3	
NOVEMBER	54.3	1.81	77.0	27.9	
DECEMBER	39.1	1.26	62.4	9.3	
YEAR	1486.9	4.06	1903.6	1287.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DOVER (KENT)  
HEIGHT 22M. N.G.R. TR(61)320410

MONTH	1950-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	59.5	1.92	108.9	31.7	
FEBRUARY	73.6	2.61	124.7	26.5	
MARCH	122.1	3.94	163.8	68.2	S
APRIL	174.2	5.81	224.3	91.5	S
MAY	216.7	6.99	257.6	165.8	S
JUNE	227.1	7.57	294.3	163.5	S
JULY	207.8	6.70	309.7	123.8	S
AUGUST	196.8	6.35	292.3	112.4	S
SEPTEMBER	157.9	5.26	243.1	94.3	S
OCTOBER	124.3	4.01	177.5	80.5	
NOVEMBER	67.9	2.26	95.0	39.7	
DECEMBER	53.4	1.72	104.8	23.9	
YEAR	1681.3	4.59	2044.3	1390.3	

EAST MALLING (KENT)  
HEIGHT 41M. N.G.R. TQ(51)711568

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	48.1	1.55	85.0	23.0	
FEBRUARY	65.7	2.33	121.1	23.0	
MARCH	117.2	3.78	176.1	65.3	
APRIL	160.9	5.36	225.9	84.6	
MAY	207.3	6.69	251.8	155.8	
JUNE	217.1	7.23	280.4	132.2	
JULY	202.4	6.53	290.4	126.3	
AUGUST	186.5	6.02	280.7	127.9	
SEPTEMBER	147.5	4.92	214.0	88.7	
OCTOBER	110.3	3.56	169.0	72.1	
NOVEMBER	59.8	1.99	94.9	29.7	
DECEMBER	44.1	1.42	89.1	12.2	
YEAR	1566.9	4.28	1935.5	1344.1	

FOLKESTONE (KENT)  
HEIGHT 73M. N.G.R. TR(61)210375

MONTH	1946-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	60.1	1.94	107.6	28.2	
FEBRUARY	77.7	2.75	130.6	31.5	
MARCH	130.3	4.20	172.8	76.4	
APRIL	181.5	6.05	236.1	99.2	
MAY	225.8	7.29	296.6	174.2	
JUNE	241.0	8.03	305.1	164.4	
JULY	217.7	7.02	320.7	130.5	
AUGUST	203.4	6.56	310.7	118.3	
SEPTEMBER	162.2	5.41	242.1	95.0	
OCTOBER	126.2	4.07	179.3	81.5	
NOVEMBER	69.3	2.31	95.1	37.8	
DECEMBER	53.7	1.73	107.9	22.9	
YEAR	1748.9	4.78	2075.9	1504.2	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

HERNE BAY (KENT)  
HEIGHT 9M. N.G.R. TR(61)173684

MONTH	1947-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	50.1	1.62	83.0	29.2	
FEBRUARY	69.2	2.45	135.1	27.3	
MARCH	120.8	3.90	175.4	58.1	
APRIL	166.6	5.55	222.9	103.4	
MAY	209.2	6.75	277.8	162.4	
JUNE	223.0	7.43	279.1	159.0	
JULY	210.1	6.78	300.3	128.7	
AUGUST	195.7	6.31	293.4	125.8	
SEPTEMBER	152.0	5.07	210.7	87.3	
OCTOBER	116.3	3.75	174.6	85.6	
NOVEMBER	61.8	2.06	96.4	27.3	
DECEMBER	46.2	1.49	79.3	15.3	
YEAR	1621.0	4.43	1983.8	1389.8	

MARGATE (KENT)  
HEIGHT 18M. N.G.R. TR(61)368714

MONTH	1943-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	51.9	1.68	83.6	23.2	
FEBRUARY	71.7	2.54	142.6	29.4	
MARCH	130.5	4.21	182.0	71.7	
APRIL	182.1	6.07	242.5	108.4	
MAY	223.1	7.20	281.3	179.3	
JUNE	236.0	7.87	295.3	174.3	
JULY	220.2	7.10	312.3	143.6	
AUGUST	204.4	6.59	307.8	153.2	
SEPTEMBER	160.8	5.36	230.2	102.3	
OCTOBER	119.3	3.85	181.2	78.4	
NOVEMBER	62.1	2.07	95.8	31.2	
DECEMBER	46.9	1.51	78.9	14.1	
YEAR	1709.0	4.67	2029.3	1419.3	

WHITSTABLE (KENT)  
HEIGHT 6M. N.G.R. TR(61)112665

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	51.3	1.65	84.1	22.8	
FEBRUARY	70.7	2.50	144.4	28.2	
MARCH	123.0	3.97	181.1	63.1	
APRIL	173.2	5.77	230.6	102.1	
MAY	213.5	6.89	275.6	154.3	
JUNE	228.0	7.60	291.6	173.0	
JULY	213.7	6.89	288.6	135.5	
AUGUST	196.5	6.34	308.4	130.9	
SEPTEMBER	154.3	5.14	218.1	94.1	
OCTOBER	116.9	3.77	171.7	76.5	
NOVEMBER	63.6	2.12	95.2	37.1	
DECEMBER	46.5	1.50	77.1	13.9	
YEAR	1651.2	4.51	2013.2	1416.3	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

WYE (KENT)  
HEIGHT 21M. N.G.R. TR(61)057469

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	52.2	1.68	90.6	21.7	
FEBRUARY	70.1	2.48	135.0	22.8	
MARCH	125.2	4.04	183.0	76.0	
APRIL	168.4	5.61	234.6	93.6	
MAY	209.4	6.75	261.4	151.5	
JUNE	220.9	7.36	292.8	162.2	
JULY	202.7	6.54	298.8	141.5	
AUGUST	189.1	6.10	304.3	114.5	
SEPTEMBER	153.5	5.11	225.1	106.9	
OCTOBER	115.5	3.73	176.0	64.4	
NOVEMBER	65.4	2.18	90.7	36.6	
DECEMBER	48.8	1.57	89.1	20.8	
YEAR	1621.2	4.43	2028.5	1313.5	

LECKFORD (HAMPSHIRE)  
HEIGHT 118M. N.G.R. SU(41)393365

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	54.5	1.76	94.9	30.9	
FEBRUARY	73.1	2.59	124.0	31.7	
MARCH	115.5	3.73	175.1	55.4	
APRIL	162.7	5.42	227.6	82.7	
MAY	204.9	6.61	277.1	164.6	
JUNE	197.9	6.59	273.8	124.1	
JULY	194.5	6.27	267.5	118.5	
AUGUST	179.6	5.79	279.8	114.9	
SEPTEMBER	133.6	4.45	237.0	70.8	
OCTOBER	106.8	3.44	154.6	51.2	
NOVEMBER	67.4	2.24	89.4	39.3	
DECEMBER	53.1	1.71	98.9	20.9	
YEAR	1543.6	4.22	1872.7	1293.7	

LONG SUTTON (HAMPSHIRE)  
HEIGHT 155M. N.G.R. SU(41)748467

MONTH	1941-49.51-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	49.0	1.58	94.5	28.3	
FEBRUARY	66.5	2.35	110.2	22.4	
MARCH	117.6	3.79	176.3	62.3	
APRIL	163.0	5.43	229.5	86.4	
MAY	198.2	6.39	254.4	128.7	
JUNE	207.3	6.91	294.0	128.9	
JULY	193.2	6.23	293.6	113.7	
AUGUST	173.7	5.60	263.4	109.1	
SEPTEMBER	132.9	4.43	210.7	74.9	
OCTOBER	101.3	3.27	141.1	55.7	
NOVEMBER	58.5	1.95	83.5	36.0	
DECEMBER	47.2	1.52	81.0	23.4	
YEAR	1508.4	4.12	1842.1	1252.8	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SOUTHAMPTON (HAMPSHIRE)  
HEIGHT 58M. N.G.R. SU(41)416112

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	56.5	1.82	98.0	28.9	
FEBRUARY	73.5	2.60	123.8	31.1	
MARCH	124.5	4.02	176.8	66.7	
APRIL	172.9	5.76	225.3	90.5	
MAY	211.8	6.83	267.6	158.6	
JUNE	218.3	7.27	302.4	147.6	
JULY	204.9	6.61	301.7	119.2	
AUGUST	189.0	6.10	245.3	135.8	
SEPTEMBER	145.6	4.85	246.5	87.9	
OCTOBER	113.9	3.67	161.5	61.9	
NOVEMBER	68.1	2.27	93.6	37.6	
DECEMBER	53.8	1.73	88.1	22.9	
YEAR	1632.8	4.46	2055.6	1402.0	

SOUTH FARNBOROUGH (HAMPSHIRE)  
HEIGHT 77M. N.G.R. SU(41)867548

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	47.8	1.54	85.3	28.0	
FEBRUARY	66.2	2.35	116.2	21.4	
MARCH	115.9	3.74	175.4	61.5	
APRIL	160.8	5.36	225.0	84.9	
MAY	202.1	6.52	258.5	153.4	
JUNE	205.9	6.86	289.8	107.2	
JULY	193.0	6.23	279.3	105.3	
AUGUST	178.8	5.77	272.6	116.2	
SEPTEMBER	137.2	4.57	212.9	76.0	
OCTOBER	101.9	3.29	147.6	72.6	
NOVEMBER	57.8	1.93	94.0	33.2	
DECEMBER	41.9	1.35	65.4	9.9	
YEAR	1509.3	4.13	1881.1	1196.7	

SOUTHSEA (HAMPSHIRE)  
HEIGHT 25M. N.G.R. SZ(40)640990

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	61.9	2.00	106.1	35.0	
FEBRUARY	79.5	2.81	128.6	31.3	
MARCH	131.1	4.23	185.6	72.0	
APRIL	181.2	6.04	240.4	100.4	
MAY	225.6	7.28	294.5	178.3	
JUNE	237.0	7.90	324.0	170.7	
JULY	220.8	7.12	329.9	118.0	
AUGUST	202.9	6.55	277.5	140.4	
SEPTEMBER	156.2	5.21	248.9	91.8	
OCTOBER	122.3	3.95	171.9	80.5	
NOVEMBER	72.1	2.41	100.6	44.9	
DECEMBER	57.1	1.84	101.4	30.4	
YEAR	1747.7	4.78	2091.9	1515.2	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

RYDE (ISLE OF WIGHT)  
HEIGHT 45M. N.G.R. SZ(40)595929

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	60.1	1.94	105.9	31.1	
FEBRUARY	78.9	2.79	140.1	32.0	
MARCH	131.6	4.25	190.2	74.4	
APRIL	182.6	6.09	245.1	107.8	
MAY	228.1	7.36	292.4	178.1	
JUNE	241.6	8.05	315.3	154.2	
JULY	226.8	7.32	330.9	152.4	
AUGUST	207.8	6.70	276.1	134.7	
SEPTEMBER	156.5	5.22	244.4	95.8	
OCTOBER	120.5	3.89	160.2	75.1	
NOVEMBER	70.8	2.36	100.3	43.0	
DECEMBER	55.3	1.78	98.8	25.3	
YEAR	1760.6	4.81	2178.9	1370.6	

SANDOWN (ISLE OF WIGHT)  
HEIGHT 18M. N.G.R. SZ(40)602844

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	65.6	2.12	108.9	37.9	
FEBRUARY	82.6	2.92	148.3	26.8	
MARCH	139.5	4.50	193.6	76.2	
APRIL	191.7	6.39	251.0	117.6	
MAY	236.3	7.62	296.8	173.9	
JUNE	252.5	8.41	338.2	176.2	
JULY	236.8	7.64	334.7	141.6	
AUGUST	213.7	6.89	288.7	146.5	
SEPTEMBER	166.8	5.56	257.4	95.8	
OCTOBER	127.2	4.10	173.0	80.4	
NOVEMBER	75.3	2.51	104.4	46.6	
DECEMBER	61.4	1.98	109.8	36.4	
YEAR	1849.4	5.05	2256.2	1636.6	

SHANKLIN (ISLE OF WIGHT)  
HEIGHT 70M. N.G.R. SZ(40)581808

MONTH	1947-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	67.3	2.17	111.4	36.8	
FEBRUARY	85.1	3.01	147.2	27.6	
MARCH	143.7	4.63	201.3	78.7	
APRIL	199.5	6.65	257.2	123.2	
MAY	245.3	7.91	303.7	180.5	
JUNE	261.6	8.72	344.0	198.1	
JULY	247.5	7.99	345.1	148.0	
AUGUST	223.7	7.22	287.1	156.7	
SEPTEMBER	168.6	5.62	266.2	96.9	
OCTOBER	127.4	4.11	178.4	82.7	
NOVEMBER	75.6	2.52	102.4	46.2	
DECEMBER	62.0	2.00	108.7	34.1	
YEAR	1907.3	5.21	2263.1	1700.5	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

VENTNOR (ISLE OF WIGHT)  
HEIGHT 62M. N.G.R. SZ(40)558773

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	69.9	2.26	107.3	42.3	
FEBRUARY	84.9	3.01	143.4	31.6	
MARCH	141.6	4.57	197.1	75.1	
APRIL	191.4	6.38	263.6	115.4	
MAY	228.0	7.35	283.2	171.8	
JUNE	239.0	7.97	323.6	169.2	
JULY	227.6	7.34	324.3	131.7	
AUGUST	209.1	6.75	278.8	135.4	
SEPTEMBER	164.0	5.47	263.3	90.9	
OCTOBER	130.1	4.20	174.9	80.5	
NOVEMBER	80.0	2.67	107.5	47.5	
DECEMBER	63.8	2.06	100.0	35.8	
YEAR	1829.4	5.00	2172.1	1615.2	

BOGNOR REGIS (WEST SUSSEX)  
HEIGHT 48M. N.G.R. SZ(40)934989

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	67.1	2.16	107.0	40.4	
FEBRUARY	82.8	2.93	136.9	27.2	
MARCH	134.1	4.32	183.4	80.1	
APRIL	182.3	6.07	232.6	114.4	
MAY	223.3	7.20	269.7	171.4	
JUNE	235.6	7.85	335.8	161.8	
JULY	217.0	7.00	326.5	112.5	
AUGUST	206.3	6.65	270.1	145.0	
SEPTEMBER	160.6	5.35	252.2	85.5	
OCTOBER	128.1	4.13	181.8	89.9	
NOVEMBER	76.2	2.54	106.8	45.2	
DECEMBER	61.6	1.99	115.2	28.7	
YEAR	1775.0	4.85	2094.2	1549.0	

FERNHURST (WEST SUSSEX)  
HEIGHT 58M. N.G.R. SU(41)908267

MONTH	1951-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	56.9	1.83	100.0	24.5	
FEBRUARY	71.9	2.55	126.2	23.2	
MARCH	122.5	3.95	174.6	59.8	
APRIL	170.9	5.69	238.9	92.5	
MAY	210.0	6.77	268.6	161.2	
JUNE	219.5	7.32	292.8	148.3	
JULY	205.3	6.62	298.0	124.1	
AUGUST	195.2	6.30	297.7	124.1	
SEPTEMBER	147.7	4.92	229.1	81.8	
OCTOBER	109.4	3.53	158.8	73.6	
NOVEMBER	63.0	2.10	86.1	34.7	
DECEMBER	53.6	1.73	96.6	17.5	
YEAR	1625.9	4.44	2026.9	1381.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

LITTLEHAMPTON (WEST SUSSEX)  
HEIGHT 11M. N.G.R. TQ(51)033018

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	64.7	2.09	108.3	37.9	
FEBRUARY	80.8	2.86	137.2	25.6	
MARCH	133.3	4.30	183.2	78.6	
APRIL	182.7	6.09	242.1	111.7	
MAY	229.0	7.39	282.3	181.1	
JUNE	240.8	8.03	338.6	162.9	
JULY	220.0	7.10	336.2	120.4	
AUGUST	206.3	6.65	281.0	152.5	
SEPTEMBER	160.9	5.37	251.0	85.1	
OCTOBER	126.1	4.07	177.1	82.0	
NOVEMBER	73.6	2.45	107.0	43.5	
DECEMBER	58.4	1.88	111.9	19.7	
YEAR	1776.6	4.86	2146.1	1583.8	

NORTHING (WEST SUSSEX)  
HEIGHT 34M. N.G.R. TQ(51)147028

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	67.8	2.19	108.9	36.5	
FEBRUARY	82.7	2.93	140.3	29.8	
MARCH	136.6	4.41	190.4	77.9	
APRIL	184.8	6.16	243.1	114.8	
MAY	232.4	7.50	277.9	176.7	
JUNE	243.0	8.10	327.1	152.8	
JULY	223.3	7.20	326.0	133.8	
AUGUST	209.3	6.75	287.5	138.5	
SEPTEMBER	165.8	5.53	254.5	97.1	
OCTOBER	128.9	4.16	182.9	82.8	
NOVEMBER	75.1	2.50	102.3	39.7	
DECEMBER	62.5	2.02	113.8	22.3	
YEAR	1812.2	4.95	2128.9	1601.5	

BEXHILL (EAST SUSSEX)  
HEIGHT 10M. N.G.R. TQ(51)737072

MONTH	1946-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	60.3	1.95	104.2	26.1	
FEBRUARY	77.1	2.73	135.8	27.4	
MARCH	128.9	4.16	171.7	78.0	
APRIL	176.8	5.89	228.8	115.6	
MAY	221.2	7.13	268.4	162.8	
JUNE	236.0	7.87	307.8	152.2	
JULY	213.5	6.89	290.5	127.9	
AUGUST	199.0	6.42	290.3	120.0	
SEPTEMBER	155.9	5.20	238.0	91.3	
OCTOBER	124.4	4.01	162.2	82.5	
NOVEMBER	68.7	2.29	98.7	32.5	
DECEMBER	53.2	1.71	114.6	24.0	
YEAR	1715.0	4.69	2072.1	1463.0	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BODIAM (EAST SUSSEX)  
HEIGHT 24M. N.G.R. TQ(51)785249

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	51.5	1.66	92.8	25.1	
FEBRUARY	70.3	2.49	124.5	21.9	
MARCH	122.0	3.93	171.0	70.8	
APRIL	168.2	5.61	247.4	88.0	
MAY	210.5	6.79	263.3	163.2	
JUNE	219.3	7.31	296.0	142.8	
JULY	200.8	6.48	301.4	120.2	
AUGUST	191.1	6.16	287.4	128.7	
SEPTEMBER	146.1	4.87	212.9	87.2	
OCTOBER	110.6	3.57	157.2	67.8	
NOVEMBER	61.1	2.03	91.0	29.9	
DECEMBER	47.2	1.52	104.5	14.7	
YEAR	1598.7	4.37	1929.4	1308.5	

BRIGHTON (EAST SUSSEX)  
HEIGHT 47M. N.G.R. TQ(51)313040

MONTH	1947-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	62.6	2.02	103.1	34.9	
FEBRUARY	80.5	2.85	134.5	29.0	
MARCH	133.4	4.30	188.5	73.7	
APRIL	179.0	5.97	233.3	100.5	
MAY	224.7	7.25	273.5	164.8	
JUNE	234.6	7.82	326.8	151.6	
JULY	213.1	6.87	307.7	127.6	
AUGUST	203.0	6.55	294.5	129.1	
SEPTEMBER	161.0	5.37	243.2	94.3	
OCTOBER	126.9	4.09	181.7	74.3	
NOVEMBER	72.8	2.43	107.1	33.6	
DECEMBER	55.9	1.80	113.5	17.3	
YEAR	1747.5	4.78	2068.6	1519.4	

EASTBOURNE (EAST SUSSEX)  
HEIGHT 33M. N.G.R. TV(50)611980

MONTH	1946-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	63.7	2.05	103.9	32.6	
FEBRUARY	80.8	2.86	145.4	27.7	
MARCH	138.1	4.45	190.8	74.3	
APRIL	190.5	6.35	246.5	121.4	
MAY	234.8	7.57	282.3	182.5	
JUNE	255.2	8.51	323.3	169.6	
JULY	236.3	7.62	333.0	141.6	
AUGUST	216.9	7.00	315.4	136.7	
SEPTEMBER	168.0	5.60	265.8	98.4	
OCTOBER	129.4	4.17	171.7	80.7	
NOVEMBER	70.7	2.36	101.1	37.1	
DECEMBER	56.4	1.82	116.5	23.9	
YEAR	1840.8	5.03	2153.3	1593.4	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

HASTINGS (EAST SUSSEX)  
HEIGHT 61M. N.G.R. TQ(51)809094

MONTH	1941-45.47-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	63.1	2.04	103.5	32.8	
FEBRUARY	78.2	2.77	136.0	28.2	
MARCH	131.7	4.25	179.8	79.4	
APRIL	177.4	5.91	242.5	104.2	
MAY	221.8	7.15	279.0	159.5	
JUNE	237.7	7.92	312.4	143.6	
JULY	215.1	6.94	320.7	128.8	
AUGUST	202.1	6.52	304.6	134.4	
SEPTEMBER	159.8	5.33	249.6	93.5	
OCTOBER	124.7	4.02	177.7	68.4	
NOVEMBER	71.1	2.37	96.5	32.3	
DECEMBER	56.8	1.83	113.4	22.6	
YEAR	1739.5	4.75	2089.1	1495.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 7A- ENGLAND NORTHWEST & ISLE OF MAN  
AMBLESIDE (CUMBRIA)  
HEIGHT 47M. N.G.R. NY(35)372040

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	36.6	1.18	77.7	14.0	S
FEBRUARY	60.4	2.14	107.1	22.3	S
MARCH	99.5	3.21	153.6	55.7	
APRIL	133.0	4.43	205.8	77.4	
MAY	169.9	5.48	266.5	103.0	
JUNE	169.7	5.66	291.0	91.2	
JULY	136.3	4.39	248.4	71.4	
AUGUST	130.1	4.20	287.6	66.1	
SEPTEMBER	92.0	3.07	167.4	56.2	
OCTOBER	70.9	2.29	107.8	28.9	S
NOVEMBER	46.8	1.56	81.6	16.3	S
DECEMBER	34.2	1.10	61.6	6.0	S
YEAR	1179.4	3.23	1414.3	911.7	

NEWTON RIGG (CUMBRIA)  
HEIGHT 174M. N.G.R. NY(35)493310

MONTH	1941-46.48-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	41.0	1.32	76.9	19.2	
FEBRUARY	68.6	2.43	95.4	30.9	
MARCH	105.4	3.40	156.4	49.4	
APRIL	140.9	4.70	206.3	84.7	
MAY	180.3	5.82	252.2	114.5	
JUNE	182.4	6.08	288.1	107.7	
JULY	150.8	4.86	276.0	70.2	
AUGUST	144.2	4.65	318.7	72.9	
SEPTEMBER	111.2	3.71	168.7	59.1	
OCTOBER	88.7	2.86	133.8	46.5	
NOVEMBER	52.4	1.75	76.8	23.6	
DECEMBER	36.9	1.19	64.1	11.7	
YEAR	1302.8	3.56	1577.6	1055.9	

BLACKPOOL/SQUIRES GATE AIRPORT (LANCASHIRE)  
HEIGHT 11M. N.G.R. SD(34)316317

MONTH	1947-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	48.8	1.57	80.1	20.9	
FEBRUARY	74.4	2.63	113.6	42.2	
MARCH	121.9	3.93	180.7	50.2	
APRIL	172.7	5.76	224.2	101.6	
MAY	215.2	6.94	302.7	160.8	
JUNE	220.9	7.36	304.6	149.1	
JULY	189.5	6.11	336.1	114.4	
AUGUST	177.7	5.73	288.6	123.1	
SEPTEMBER	131.8	4.39	191.7	86.7	
OCTOBER	97.1	3.13	131.0	53.0	
NOVEMBER	57.7	1.92	88.3	27.0	
DECEMBER	43.1	1.39	72.2	21.4	
YEAR	1550.8	4.24	1837.2	1365.7	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

MORECAMBE (LANCASHIRE)  
HEIGHT 12M. N.G.R. SD(34)431645

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	46.1	1.49	89.2	23.6	
FEBRUARY	72.5	2.57	114.7	41.9	
MARCH	115.7	3.73	178.5	51.5	
APRIL	158.3	5.27	228.8	94.8	
MAY	197.0	6.35	285.8	136.6	
JUNE	201.7	6.72	289.3	142.3	
JULY	171.0	5.51	326.2	99.5	
AUGUST	163.8	5.28	295.8	101.3	
SEPTEMBER	121.9	4.06	198.1	88.2	
OCTOBER	91.8	2.96	134.6	50.9	
NOVEMBER	56.2	1.87	88.3	29.5	
DECEMBER	38.6	1.24	62.0	7.0	
YEAR	1434.6	3.92	1742.2	1240.6	

NELSON (LANCASHIRE)  
HEIGHT 167M. N.G.R. SD(34)872384

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	25.1	0.81	45.1	10.5	S
FEBRUARY	48.3	1.71	78.0	17.9	S
MARCH	87.7	2.83	140.9	50.3	S
APRIL	127.7	4.26	181.6	75.8	
MAY	169.7	5.47	263.3	122.7	
JUNE	170.9	5.69	293.1	103.6	
JULY	143.2	4.62	281.6	77.3	
AUGUST	135.3	4.37	273.4	84.8	
SEPTEMBER	101.8	3.39	174.3	62.3	
OCTOBER	76.1	2.45	118.5	43.0	S
NOVEMBER	39.6	1.32	68.8	18.8	S
DECEMBER	18.6	0.60	34.4	4.1	S
YEAR	1144.0	3.13	1482.9	929.0	S

STONYHURST (LANCASHIRE)  
HEIGHT 120M. N.G.R. SD(34)692388

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	41.0	1.32	87.7	18.6	
FEBRUARY	61.9	2.19	95.0	30.5	
MARCH	101.5	3.27	156.6	45.7	
APRIL	141.1	4.70	201.1	85.4	
MAY	185.7	5.99	269.4	110.9	
JUNE	185.6	6.19	306.1	119.7	
JULY	151.2	4.88	285.1	86.0	
AUGUST	145.7	4.70	285.2	99.7	
SEPTEMBER	108.8	3.63	183.3	58.0	
OCTOBER	83.8	2.70	124.1	45.3	
NOVEMBER	50.5	1.68	82.6	21.9	
DECEMBER	36.6	1.18	63.3	12.5	
YEAR	1293.4	3.54	1612.3	1102.7	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BIDSTON (MERSEYSIDE)  
HEIGHT 73M. N.G.R. SJ1331287898

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	47.3	1.53	76.0	18.1	
FEBRUARY	67.9	2.41	109.3	28.4	
MARCH	114.2	3.68	166.5	53.7	
APRIL	159.0	5.30	203.4	104.6	
MAY	198.8	6.41	273.9	149.8	
JUNE	206.9	6.90	298.8	141.4	
JULY	179.7	5.80	298.8	105.1	
AUGUST	166.2	5.36	261.8	110.1	
SEPTEMBER	127.1	4.23	175.8	89.0	
OCTOBER	95.0	3.06	129.4	58.3	
NOVEMBER	56.0	1.87	82.1	26.9	
DECEMBER	44.6	1.44	72.0	21.4	
YEAR	1462.7	4.00	1744.5	1251.1	

LIVERPOOL/SPEKE AIRPORT (MERSEYSIDE)  
HEIGHT 23M. N.G.R. SJ1331436821

MONTH	1948-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	42.4	1.37	69.4	19.1	
FEBRUARY	63.2	2.24	106.7	29.1	
MARCH	109.3	3.53	161.3	54.8	
APRIL	146.1	4.87	196.2	93.9	
MAY	183.3	5.91	253.2	121.7	
JUNE	197.1	6.57	283.4	121.6	
JULY	163.7	5.28	273.3	98.2	
AUGUST	153.1	4.94	247.1	103.8	
SEPTEMBER	116.8	3.89	173.3	83.3	
OCTOBER	86.3	2.79	117.1	53.1	
NOVEMBER	50.5	1.68	91.0	27.9	
DECEMBER	40.3	1.30	59.0	17.0	
YEAR	1352.1	3.70	1575.1	1108.4	

SOUTHPORT (MERSEYSIDE)  
HEIGHT 10M. N.G.R. SD1341371207

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	47.3	1.53	77.2	27.0	
FEBRUARY	72.6	2.57	108.9	39.6	
MARCH	121.3	3.91	178.0	50.3	
APRIL	167.8	5.59	222.8	100.6	
MAY	211.7	6.83	284.5	159.2	
JUNE	216.1	7.20	307.3	140.0	
JULY	183.9	5.93	328.9	111.1	
AUGUST	173.3	5.59	277.8	111.1	
SEPTEMBER	131.3	4.38	196.5	92.2	
OCTOBER	97.3	3.14	122.8	59.9	
NOVEMBER	55.6	1.85	90.0	26.0	
DECEMBER	42.2	1.36	64.4	14.0	
YEAR	1520.4	4.16	1829.7	1287.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

WEST KIRBY PARK (MERSEYSIDE)  
HEIGHT 20M. N.G.R. SJ1331216865

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	47.3	1.53	65.0	23.6	
FEBRUARY	69.7	2.47	112.4	32.1	
MARCH	115.9	3.74	177.9	58.2	
APRIL	160.7	5.36	213.4	103.3	
MAY	200.4	6.47	279.6	141.1	
JUNE	208.2	6.94	295.8	117.9	
JULY	178.6	5.76	255.6	107.2	
AUGUST	165.8	5.35	267.7	110.4	
SEPTEMBER	126.8	4.23	173.9	92.1	
OCTOBER	97.9	3.16	126.1	60.8	
NOVEMBER	57.7	1.92	86.2	31.6	
DECEMBER	43.6	1.41	74.7	22.6	
YEAR	1472.6	4.03	1790.8	1162.8	

BOLTON (GREATER MANCHESTER)  
HEIGHT 124M. N.G.R. SD1341724115

MONTH	1941-61.67-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	32.6	1.05	59.9	16.2	
FEBRUARY	56.2	1.99	86.3	24.2	
MARCH	96.4	3.11	147.1	33.7	
APRIL	138.4	4.61	188.6	81.9	
MAY	182.2	5.88	243.7	125.0	
JUNE	188.5	6.28	284.9	118.5	
JULY	154.5	4.98	275.1	94.2	
AUGUST	147.5	4.75	257.5	88.7	
SEPTEMBER	107.3	3.58	186.8	47.9	
OCTOBER	80.1	2.58	123.2	48.4	
NOVEMBER	40.9	1.36	75.0	18.5	
DECEMBER	26.9	0.87	57.5	1.5	
YEAR	1251.5	3.42	1508.2	1066.9	

MANCHESTER/RINGWAY AIRPORT (GREATER MANCHESTER)  
HEIGHT 106M. N.G.R. SJ1331820850

MONTH	1945-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	39.3	1.27	70.7	10.7	
FEBRUARY	61.9	2.19	98.1	34.1	
MARCH	109.1	3.52	168.9	59.7	
APRIL	143.8	4.79	190.4	94.5	
MAY	183.8	5.93	247.7	119.6	
JUNE	191.2	6.37	285.5	119.1	
JULY	155.1	5.00	279.5	93.7	
AUGUST	151.9	4.90	258.8	88.8	
SEPTEMBER	119.2	3.97	197.4	68.8	
OCTOBER	92.5	2.98	136.4	62.0	
NOVEMBER	49.1	1.64	80.2	24.1	
DECEMBER	37.5	1.21	65.2	16.4	
YEAR	1334.4	3.65	1657.2	1128.9	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

ROCHDALE (GREATER MANCHESTER)  
HEIGHT 111M. N.G.R. SD1341883124

MONTH	1947-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	27.6	0.89	49.0	13.2	
FEBRUARY	49.7	1.76	73.9	20.2	
MARCH	92.1	2.97	144.3	55.1	
APRIL	128.4	4.28	187.4	50.9	
MAY	167.8	5.41	246.6	100.1	
JUNE	177.0	5.90	277.6	106.3	
JULY	145.5	4.69	273.8	82.7	
AUGUST	137.4	4.43	260.1	94.0	
SEPTEMBER	105.1	3.50	177.4	68.6	
OCTOBER	75.7	2.44	119.4	38.0	
NOVEMBER	36.1	1.20	66.4	15.2	
DECEMBER	24.8	0.80	46.4	1.9	
YEAR	1167.2	3.19	1509.2	945.7	

DOUGLAS (ISLE OF MAN)  
HEIGHT 89M. N.G.R. SC1241382776

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	55.6	1.79	90.3	31.3	
FEBRUARY	78.7	2.79	118.5	33.7	
MARCH	121.0	3.90	193.9	62.4	
APRIL	173.7	5.79	233.2	110.5	
MAY	219.3	7.07	296.1	158.0	
JUNE	216.5	7.21	306.6	142.7	
JULY	191.0	6.16	326.9	117.6	
AUGUST	182.5	5.89	305.6	114.2	
SEPTEMBER	131.6	4.39	181.8	98.4	
OCTOBER	94.4	3.05	131.0	55.4	
NOVEMBER	63.3	2.11	87.9	36.3	
DECEMBER	47.4	1.53	75.9	16.9	
YEAR	1575.0	4.31	1897.9	1354.4	

POINT OF AYRE (ISLE OF MAN)  
HEIGHT 11M. N.G.R. NX1251463047

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	51.8	1.67	76.0	27.2	
FEBRUARY	81.0	2.87	118.0	48.2	
MARCH	123.1	3.97	187.3	74.0	
APRIL	176.9	5.90	220.7	115.0	
MAY	222.0	7.16	297.9	160.1	
JUNE	215.7	7.19	305.3	138.3	
JULY	188.5	6.08	311.2	115.3	
AUGUST	182.3	5.88	311.8	116.9	
SEPTEMBER	133.1	4.44	184.7	91.7	
OCTOBER	94.4	3.05	131.6	63.0	
NOVEMBER	58.6	1.95	89.7	34.8	
DECEMBER	44.8	1.45	65.1	22.7	
YEAR	1572.2	4.30	1925.1	1319.0	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

RONALDSWAY (ISLE OF MAN)  
HEIGHT 21M. N.G.R. SC1241279688

MONTH	1948-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	54.3	1.75	87.9	24.6	
FEBRUARY	78.7	2.79	116.0	34.1	
MARCH	116.8	3.77	185.8	60.2	
APRIL	170.9	5.70	216.1	110.6	
MAY	215.9	6.96	291.4	164.1	
JUNE	211.7	7.06	293.2	140.3	
JULY	187.5	6.05	327.0	115.5	
AUGUST	178.8	5.77	299.5	112.8	
SEPTEMBER	129.3	4.31	182.5	95.2	
OCTOBER	94.7	3.05	122.7	53.2	
NOVEMBER	62.5	2.08	86.8	38.3	
DECEMBER	45.8	1.48	73.3	18.9	
YEAR	1546.9	4.23	1810.2	1290.4	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 7B- WALES NORTH  
ABER (GWYNEDD)  
HEIGHT 19M. N.G.R. SH1231650728

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	30.3	0.98	58.0	12.4	S
FEBRUARY	57.6	2.04	97.9	26.3	S
MARCH	119.2	3.84	185.8	73.8	S
APRIL	154.8	5.16	223.3	94.4	
MAY	200.1	6.46	265.5	130.7	
JUNE	204.3	6.81	304.4	135.8	
JULY	165.9	5.35	336.2	80.9	
AUGUST	155.9	5.03	278.7	94.1	
SEPTEMBER	120.7	4.02	193.3	75.4	
OCTOBER	92.1	2.97	145.6	55.0	S
NOVEMBER	38.7	1.29	59.4	12.5	S
DECEMBER	19.3	0.62	39.8	6.6	S
YEAR	1358.9	3.71	1697.9	1137.1	S

LLANDUDNO (GWYNEDD)  
HEIGHT 9M. N.G.R. SH1231777818

MONTH	1941-68				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.7	1.67	74.8	30.5	
FEBRUARY	73.9	2.62	120.0	32.1	
MARCH	128.8	4.15	187.3	76.9	
APRIL	168.3	5.61	219.7	104.7	
MAY	213.1	6.87	285.2	165.3	
JUNE	219.5	7.31	310.1	151.8	
JULY	182.9	5.90	332.0	94.6	
AUGUST	170.7	5.51	268.3	116.7	
SEPTEMBER	134.3	4.47	188.1	93.9	
OCTOBER	106.1	3.42	144.2	69.2	
NOVEMBER	57.0	1.90	83.8	21.9	
DECEMBER	44.3	1.42	76.2	21.3	
YEAR	1550.6	4.24	1868.3	1350.6	

VALLEY (GWYNEDD)  
HEIGHT 18M. N.G.R. SH1231310758

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	57.0	1.84	93.1	31.1	
FEBRUARY	82.8	2.93	131.8	51.2	
MARCH	132.5	4.27	195.6	76.9	
APRIL	177.4	5.91	228.3	127.1	
MAY	221.7	7.15	289.3	161.2	
JUNE	219.6	7.32	294.7	146.8	
JULY	186.9	6.03	341.4	119.3	
AUGUST	182.5	5.89	283.7	122.7	
SEPTEMBER	136.2	4.54	214.7	95.9	
OCTOBER	104.1	3.36	151.1	53.4	
NOVEMBER	61.8	2.06	88.8	34.4	
DECEMBER	49.7	1.60	79.6	23.4	
YEAR	1612.2	4.41	1895.8	1379.4	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

COLWYN BAY (CLWYD)  
HEIGHT 50M. N.G.R. SH1231861787

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.7	1.50	64.0	29.5	
FEBRUARY	69.9	2.47	115.8	30.1	
MARCH	127.8	4.12	189.4	81.6	
APRIL	167.5	5.58	219.0	107.0	
MAY	211.7	6.83	288.1	162.5	
JUNE	217.0	7.23	312.2	151.3	
JULY	184.0	5.94	336.0	100.7	
AUGUST	170.9	5.51	279.0	113.6	
SEPTEMBER	133.6	4.45	187.1	89.8	
OCTOBER	102.5	3.30	135.6	70.7	
NOVEMBER	52.3	1.74	73.3	17.5	
DECEMBER	40.7	1.31	69.5	19.6	
YEAR	1524.6	4.17	1820.7	1294.8	

PRESTATYN (CLWYD)  
HEIGHT 8M. N.G.R. SJ1331059837

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.4	1.40	61.9	24.1	
FEBRUARY	65.8	2.33	107.4	29.7	
MARCH	113.8	3.67	168.3	65.8	
APRIL	153.3	5.11	206.7	95.5	
MAY	192.5	6.21	273.4	145.3	
JUNE	199.9	6.66	289.2	134.6	
JULY	167.5	5.40	285.9	96.3	
AUGUST	157.9	5.09	261.9	102.2	
SEPTEMBER	121.1	4.04	161.1	79.3	
OCTOBER	95.5	3.08	134.0	61.4	
NOVEMBER	51.8	1.73	81.7	19.5	
DECEMBER	40.3	1.30	68.9	19.6	
YEAR	1402.8	3.83	1676.7	1193.4	

RHYL (CLWYD)  
HEIGHT 12M. N.G.R. SJ1331002807

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	46.4	1.50	64.9	25.9	
FEBRUARY	70.8	2.51	117.4	30.0	
MARCH	122.5	3.95	184.8	66.1	
APRIL	162.4	5.41	217.2	106.7	
MAY	205.2	6.62	275.0	159.3	
JUNE	214.4	7.15	306.1	145.6	
JULY	179.6	5.79	312.6	98.2	
AUGUST	167.2	5.39	270.8	118.5	
SEPTEMBER	130.6	4.35	178.2	89.9	
OCTOBER	102.7	3.31	131.9	67.0	
NOVEMBER	55.1	1.84	87.5	27.0	
DECEMBER	42.1	1.36	72.4	22.7	
YEAR	1499.0	4.10	1780.3	1235.4	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM  
DISTRICT 8A- WALES SOUTH  
ABERPORTH (DYFED)  
HEIGHT 138M. N.G.R. SN(22)242521

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	55.1	1.78	98.5	23.7	
FEBRUARY	78.0	2.76	113.4	45.4	
MARCH	131.8	4.25	195.8	80.3	
APRIL	171.1	5.70	237.0	113.7	
MAY	210.4	6.79	297.5	148.9	
JUNE	219.9	7.33	327.0	142.2	
JULY	184.7	5.96	342.1	112.7	
AUGUST	174.0	5.61	278.3	122.1	
SEPTEMBER	130.9	4.36	217.4	78.3	
OCTOBER	100.6	3.25	156.9	55.0	
NOVEMBER	59.2	1.97	94.2	28.9	
DECEMBER	51.0	1.64	87.8	29.7	
YEAR	1566.7	4.28	1919.4	1337.2	

ABERYSTWYTH (DYFED)  
HEIGHT 5M. N.G.R. SN(22)580815

MONTH	1941-70 WITH BREAKS				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.1	1.71	95.1	27.2	
FEBRUARY	78.4	2.78	114.4	45.6	
MARCH	125.8	4.06	181.1	78.0	
APRIL	160.7	5.36	224.1	104.7	
MAY	199.5	6.43	268.7	120.3	
JUNE	198.5	6.61	306.2	138.2	
JULY	163.0	5.26	320.7	90.2	
AUGUST	163.8	5.28	312.9	98.0	
SEPTEMBER	125.0	4.17	217.2	69.3	
OCTOBER	100.7	3.25	165.3	55.8	
NOVEMBER	57.1	1.90	92.8	30.8	
DECEMBER	48.4	1.56	93.2	26.7	
YEAR	1474.0	4.03	1766.0	1234.3	

HAYERFORDWEST (DYFED)  
HEIGHT 9M. N.G.R. SM(12)956146

MONTH	1942-65-67-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.4	1.72	92.0	28.4	
FEBRUARY	75.6	2.68	107.2	38.7	
MARCH	124.2	4.01	193.2	70.1	
APRIL	175.8	5.86	232.9	133.1	
MAY	208.7	6.73	295.9	158.1	
JUNE	201.6	6.72	303.6	123.8	
JULY	178.3	5.75	279.0	100.4	
AUGUST	175.3	5.66	278.7	109.7	
SEPTEMBER	133.5	4.45	197.0	82.3	
OCTOBER	91.9	2.97	130.8	43.8	
NOVEMBER	58.5	1.95	87.4	35.0	
DECEMBER	46.8	1.51	77.6	20.2	
YEAR	1523.6	4.17	1803.0	1188.5	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

LLETY-EVAN-MEN (DYFED)  
HEIGHT 291M. N.G.R. SN(22)693851

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.8	1.48	91.4	17.2	
FEBRUARY	67.6	2.39	116.6	20.5	
MARCH	115.5	3.72	186.5	62.4	
APRIL	142.7	4.76	206.0	83.7	
MAY	178.9	5.77	259.4	128.2	
JUNE	180.3	6.01	294.3	101.8	
JULY	141.4	4.56	320.4	68.0	
AUGUST	139.1	4.49	281.7	80.0	
SEPTEMBER	106.8	3.56	213.6	60.0	
OCTOBER	88.3	2.85	151.1	35.4	
NOVEMBER	52.8	1.76	84.8	28.7	
DECEMBER	43.4	1.40	77.0	20.2	
YEAR	1302.6	3.56	1608.8	1107.9	

TRAWSCOE (DYFED)  
HEIGHT 62M. N.G.R. SN(22)674736

MONTH	1950-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	43.5	1.40	88.1	16.2	
FEBRUARY	67.9	2.41	98.5	33.4	S
MARCH	118.2	3.81	171.7	63.8	
APRIL	150.2	5.01	214.6	96.2	
MAY	189.7	6.12	275.0	139.3	
JUNE	185.2	6.17	280.1	104.5	
JULY	160.4	5.17	334.7	76.2	
AUGUST	155.2	5.01	310.7	80.4	
SEPTEMBER	120.2	4.01	213.7	66.1	
OCTOBER	94.3	3.04	162.4	51.2	
NOVEMBER	52.2	1.74	80.2	28.2	
DECEMBER	39.9	1.29	75.9	16.8	
YEAR	1376.9	3.77	1736.5	1131.8	

LLANDRINDOD WELLS (POWYS)  
HEIGHT 237M. N.G.R. SO(32)061605

MONTH	1946-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	35.9	1.16	69.7	13.5	S
FEBRUARY	57.3	2.03	92.3	20.8	S
MARCH	107.8	3.48	174.8	63.6	S
APRIL	144.0	4.80	202.7	76.1	S
MAY	171.8	5.54	251.4	104.7	S
JUNE	176.2	5.87	277.7	113.4	S
JULY	151.9	4.90	277.1	73.0	S
AUGUST	146.7	4.73	277.1	97.4	S
SEPTEMBER	106.0	3.53	194.9	58.8	S
OCTOBER	78.3	2.52	122.3	47.2	S
NOVEMBER	41.4	1.38	76.8	22.5	S
DECEMBER	32.1	1.03	54.4	15.3	S
YEAR	1249.4	3.41	1547.2	1003.8	S



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SWANSEA (WEST GLAMORGAN)  
HEIGHT 16M. N.G.R. SS1211642923

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.7	1.70	90.9	25.3	
FEBRUARY	74.7	2.64	107.5	29.7	
MARCH	122.0	3.93	180.0	69.3	
APRIL	169.8	5.66	245.3	124.9	
MAY	202.7	6.54	293.4	142.5	
JUNE	205.6	6.85	334.8	141.4	
JULY	187.0	6.03	316.5	115.0	
AUGUST	177.2	5.72	271.3	122.5	
SEPTEMBER	130.3	4.34	214.7	70.0	
OCTOBER	99.9	3.22	129.5	56.4	
NOVEMBER	62.8	2.09	87.4	31.4	
DECEMBER	46.7	1.51	78.6	17.3	
YEAR	1531.4	4.19	1838.6	1343.8	

CARDIFF (SOUTH GLAMORGAN)  
HEIGHT 65M. N.G.R. ST131195793

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	49.5	1.60	86.9	23.4	
FEBRUARY	74.6	2.64	106.7	25.7	
MARCH	122.5	3.95	181.9	75.5	
APRIL	163.3	5.44	228.3	95.7	
MAY	196.6	6.34	297.5	125.1	
JUNE	207.6	6.92	301.1	131.9	
JULY	189.3	6.11	294.5	128.3	
AUGUST	178.7	5.77	291.1	116.0	
SEPTEMBER	132.9	4.43	240.0	71.0	
OCTOBER	101.6	3.28	139.5	47.6	
NOVEMBER	60.3	2.01	84.2	35.5	
DECEMBER	48.1	1.55	74.3	20.9	
YEAR	1525.0	4.17	1778.5	1235.4	

USK (GMENT)  
HEIGHT 23M. N.G.R. SO1321370018

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.4	1.47	75.9	18.0	
FEBRUARY	64.8	2.30	105.2	25.7	
MARCH	109.6	3.53	161.4	63.3	
APRIL	147.7	4.92	217.4	62.5	
MAY	177.5	5.73	294.4	123.4	
JUNE	188.0	6.27	285.2	116.4	
JULY	174.2	5.62	279.0	113.4	
AUGUST	159.9	5.16	268.0	120.9	
SEPTEMBER	115.9	3.87	201.9	57.7	
OCTOBER	89.3	2.88	125.7	49.4	
NOVEMBER	52.1	1.73	87.8	29.6	
DECEMBER	44.3	1.43	66.6	20.5	
YEAR	1368.7	3.74	1725.7	1184.8	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

DISTRICT 8B- ENGLAND SOUTHWEST  
BRISTOL/FILTON (AVON)  
HEIGHT 67M. N.G.R. ST1311600805

MONTH	1950-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.0	1.45	76.8	22.9	
FEBRUARY	63.3	2.24	105.0	19.6	
MARCH	109.9	3.55	152.9	64.7	
APRIL	154.6	5.15	210.7	72.7	
MAY	190.3	6.14	277.1	135.0	
JUNE	204.0	6.80	296.0	132.2	
JULY	188.0	6.07	273.8	122.8	
AUGUST	170.6	5.50	260.5	124.3	
SEPTEMBER	128.6	4.29	215.2	79.7	
OCTOBER	93.5	3.01	135.6	50.0	
NOVEMBER	54.8	1.83	85.6	32.2	
DECEMBER	44.6	1.44	72.0	13.3	
YEAR	1447.2	3.96	1762.9	1250.5	

LONG ASHTON (AVON)  
HEIGHT 59M. N.G.R. ST1311537699

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	47.6	1.54	80.4	28.3	
FEBRUARY	67.1	2.38	111.5	20.8	
MARCH	118.5	3.82	172.6	71.4	
APRIL	161.2	5.37	215.1	85.0	
MAY	196.4	6.34	286.3	143.5	
JUNE	207.4	6.91	292.2	146.4	
JULY	190.9	6.16	274.8	121.8	
AUGUST	178.3	5.75	272.5	127.8	
SEPTEMBER	132.6	4.42	212.3	75.8	
OCTOBER	98.4	3.17	145.0	55.7	
NOVEMBER	57.3	1.91	90.8	33.7	
DECEMBER	49.0	1.58	79.0	17.2	
YEAR	1504.7	4.11	1838.8	1304.5	

WESTON-SUPER-MARE (AVON)  
HEIGHT 23M. N.G.R. ST1311321613

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	51.9	1.67	89.0	26.8	
FEBRUARY	74.0	2.62	111.8	28.9	
MARCH	125.0	4.03	179.5	73.2	
APRIL	169.8	5.66	230.7	88.0	
MAY	202.5	6.53	286.1	149.3	
JUNE	216.5	7.22	308.2	161.4	
JULY	199.1	6.42	304.2	132.3	
AUGUST	184.8	5.96	288.3	136.9	
SEPTEMBER	138.4	4.61	245.5	76.0	
OCTOBER	103.1	3.33	146.1	49.8	
NOVEMBER	61.9	2.06	89.6	36.6	
DECEMBER	50.8	1.64	77.0	21.7	
YEAR	1577.8	4.31	1892.1	1384.2	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

CANNINGTON (SOMERSET)  
HEIGHT 25M. N.G.R. ST131258400

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	52.6	1.70	89.4	27.0	
FEBRUARY	75.6	2.68	124.7	23.9	
MARCH	124.9	4.03	189.2	76.0	
APRIL	171.3	5.71	238.2	79.9	
MAY	205.6	6.63	291.9	155.2	
JUNE	215.9	7.20	308.7	142.3	
JULY	206.6	6.66	287.2	136.5	
AUGUST	183.8	5.93	301.5	124.5	
SEPTEMBER	135.8	4.53	236.1	79.2	
OCTOBER	100.4	3.24	145.1	53.5	
NOVEMBER	63.0	2.10	95.3	38.5	
DECEMBER	52.2	1.68	80.4	19.6	
YEAR	1587.7	4.34	1890.4	1380.8	

BOURNEMOUTH (DORSET)  
HEIGHT 57M. N.G.R. SZ140107197

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	61.3	1.98	115.5	31.2	
FEBRUARY	80.9	2.86	123.7	36.0	
MARCH	133.1	4.29	190.1	73.9	
APRIL	184.2	6.14	247.5	106.9	
MAY	223.1	7.19	288.3	164.5	
JUNE	234.4	7.81	321.4	173.4	
JULY	221.7	7.15	319.4	126.2	
AUGUST	200.9	6.48	278.2	145.0	
SEPTEMBER	152.8	5.09	246.6	79.3	
OCTOBER	119.6	3.86	168.8	65.3	
NOVEMBER	74.3	2.47	107.5	44.9	
DECEMBER	60.6	1.95	88.7	23.0	
YEAR	1746.9	4.77	2077.7	1578.4	

POOLE (DORSET)  
HEIGHT 10M. N.G.R. SZ1401005937

MONTH	1941-46.48-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	61.2	1.97	105.8	31.4	
FEBRUARY	81.0	2.87	130.5	36.0	
MARCH	133.9	4.32	192.4	73.4	
APRIL	181.1	6.04	249.6	101.2	
MAY	224.5	7.24	297.4	165.1	
JUNE	225.9	7.53	316.0	159.2	
JULY	220.5	7.11	307.4	135.8	
AUGUST	200.8	6.48	277.9	141.1	
SEPTEMBER	151.1	5.03	244.9	91.8	
OCTOBER	114.6	3.69	167.5	44.5	
NOVEMBER	73.9	2.46	103.0	50.1	
DECEMBER	57.7	1.86	85.6	20.9	
YEAR	1726.2	4.72	2064.5	1493.5	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

SWANAGE (DORSET)  
HEIGHT 21M. N.G.R. SZ1401030794

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	59.2	1.91	109.8	30.3	
FEBRUARY	78.5	2.78	126.1	34.2	
MARCH	135.3	4.36	183.5	72.8	
APRIL	189.8	6.33	244.9	121.6	
MAY	230.0	7.42	292.0	169.6	
JUNE	242.1	8.07	321.1	164.9	
JULY	233.2	7.52	317.9	144.2	
AUGUST	213.3	6.88	295.4	158.5	
SEPTEMBER	158.2	5.27	248.1	91.1	
OCTOBER	117.8	3.80	163.8	70.9	
NOVEMBER	71.6	2.39	105.0	46.2	
DECEMBER	55.4	1.79	89.7	23.8	
YEAR	1784.4	4.88	2057.8	1585.5	

WEYMOUTH (DORSET)  
HEIGHT 30M. N.G.R. SY1301661795

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	63.6	2.05	106.3	36.9	
FEBRUARY	83.6	2.96	110.9	35.2	
MARCH	136.9	4.42	194.1	80.8	
APRIL	190.5	6.35	262.3	122.5	
MAY	227.9	7.35	322.6	143.1	
JUNE	237.1	7.90	325.8	174.5	
JULY	226.3	7.30	310.1	135.5	
AUGUST	206.9	6.67	291.9	143.4	
SEPTEMBER	156.0	5.20	254.8	89.5	
OCTOBER	122.3	3.95	164.0	69.3	
NOVEMBER	75.9	2.53	99.0	47.4	
DECEMBER	62.4	2.01	100.1	37.6	
YEAR	1789.4	4.89	2085.2	1563.9	

CHIVENOR (DEVON)  
HEIGHT 15M. N.G.R. SS1211494347

MONTH	1949-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	54.9	1.77	103.9	30.6	
FEBRUARY	79.2	2.80	112.6	34.9	
MARCH	135.2	4.36	192.1	89.9	
APRIL	184.3	6.14	264.8	111.4	
MAY	219.3	7.07	300.2	164.0	
JUNE	226.0	7.53	336.8	139.1	
JULY	198.6	6.41	321.4	122.1	
AUGUST	185.3	5.98	276.7	110.1	
SEPTEMBER	140.6	4.69	254.7	87.6	
OCTOBER	107.7	3.47	150.7	43.5	
NOVEMBER	64.3	2.14	101.2	25.6	
DECEMBER	51.9	1.67	75.5	23.3	
YEAR	1647.3	4.50	1992.5	1434.3	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

EXETER (DEVON)  
HEIGHT 43M. N.G.R. SY(30)001933

MONTH	1945-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	53.8	1.74	91.6	26.6	
FEBRUARY	75.8	2.68	116.0	30.3	
MARCH	123.1	3.97	188.7	65.4	
APRIL	169.2	5.64	242.2	83.7	
MAY	202.2	6.52	287.3	129.8	
JUNE	207.0	6.90	307.4	132.5	
JULY	190.9	6.16	296.2	104.3	
AUGUST	176.5	5.69	285.7	124.2	
SEPTEMBER	134.4	4.48	250.5	75.3	
OCTOBER	100.7	3.25	129.6	36.1	
NOVEMBER	65.1	2.17	90.8	40.6	
DECEMBER	55.1	1.78	83.2	26.8	
YEAR	1553.8	4.25	1939.2	1328.4	

EXMOUTH (DEVON)  
HEIGHT 63M. N.G.R. SY(30)015813

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	62.0	2.00	102.5	31.1	
FEBRUARY	83.3	2.95	122.5	25.9	
MARCH	130.8	4.22	208.1	71.7	
APRIL	182.0	6.07	245.1	103.3	
MAY	216.7	6.99	292.5	151.4	
JUNE	220.9	7.36	314.2	169.0	
JULY	210.6	6.79	306.4	124.0	
AUGUST	192.5	6.21	290.7	129.4	
SEPTEMBER	148.7	4.96	260.6	87.0	
OCTOBER	113.9	3.67	148.5	68.5	
NOVEMBER	75.1	2.51	108.1	42.4	
DECEMBER	63.6	2.05	92.5	38.0	
YEAR	1700.1	4.65	2036.8	1470.8	

HARTLAND POINT (DEVON)  
HEIGHT 92M. N.G.R. SX(21)231277

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	55.1	1.78	104.3	32.9	
FEBRUARY	76.8	2.72	107.2	33.9	
MARCH	134.7	4.34	190.0	89.6	
APRIL	184.7	6.16	246.3	133.6	
MAY	220.6	7.12	302.0	175.4	
JUNE	220.7	7.36	303.8	135.8	
JULY	198.3	6.39	310.2	117.4	
AUGUST	189.1	6.10	282.4	116.5	
SEPTEMBER	144.9	4.83	239.8	83.1	
OCTOBER	106.4	3.43	157.6	56.7	
NOVEMBER	60.7	2.02	98.9	24.2	
DECEMBER	48.3	1.56	71.3	18.2	
YEAR	1640.3	4.48	1894.0	1375.0	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

ILFRACOMBE (DEVON)  
HEIGHT 9M. N.G.R. SS(21)520478

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	50.0	1.61	93.8	24.7	
FEBRUARY	72.8	2.58	103.5	34.1	
MARCH	133.6	4.31	189.3	88.3	
APRIL	180.7	6.02	243.8	115.7	
MAY	223.4	7.21	300.1	164.8	
JUNE	229.6	7.65	338.0	139.7	
JULY	203.7	6.57	324.9	127.2	
AUGUST	189.0	6.09	302.8	108.4	
SEPTEMBER	141.7	4.72	240.5	86.9	
OCTOBER	104.0	3.35	151.6	50.9	
NOVEMBER	57.3	1.91	92.4	15.8	
DECEMBER	45.6	1.47	68.5	24.1	
YEAR	1631.4	4.46	1943.5	1460.8	

NEWTON ABBOT (DEVON)  
HEIGHT 101M. N.G.R. SX(20)828729

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	59.0	1.90	96.9	31.3	
FEBRUARY	79.4	2.81	113.9	22.9	
MARCH	128.8	4.16	203.3	69.7	
APRIL	179.6	5.99	237.8	99.6	
MAY	207.7	6.70	281.9	150.0	
JUNE	218.8	7.29	298.9	167.9	
JULY	202.2	6.52	292.0	112.0	
AUGUST	184.8	5.96	287.1	106.6	
SEPTEMBER	145.1	4.84	250.1	68.7	
OCTOBER	107.8	3.48	147.3	62.2	
NOVEMBER	70.4	2.35	109.4	44.1	
DECEMBER	59.7	1.93	89.5	26.9	
YEAR	1643.3	4.49	1966.8	1358.6	

PLYMOUTH/MOUNT BATTEN (DEVON)  
HEIGHT 34M. N.G.R. SX(20)492529

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	56.2	1.81	93.6	24.5	
FEBRUARY	79.9	2.83	115.9	20.0	
MARCH	132.5	4.27	195.8	81.0	
APRIL	183.0	6.10	251.7	110.1	
MAY	220.6	7.11	318.2	171.2	
JUNE	223.1	7.43	316.7	166.2	
JULY	206.8	6.67	299.7	114.0	
AUGUST	191.6	6.18	282.0	113.7	
SEPTEMBER	150.1	5.00	264.6	78.9	
OCTOBER	112.4	3.63	154.5	51.6	
NOVEMBER	68.0	2.27	94.2	36.1	
DECEMBER	53.6	1.73	81.8	32.7	
YEAR	1677.8	4.59	2033.4	1409.5	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

PLYMOUTH/THE MOE (DEVON)  
HEIGHT 42M. N.G.R. SX(20)478537

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	57.9	1.87	99.7	25.9	
FEBRUARY	80.8	2.86	114.6	24.4	
MARCH	131.2	4.23	191.9	82.2	
APRIL	182.0	6.07	252.1	105.4	
MAY	218.2	7.04	333.5	164.2	
JUNE	218.0	7.27	307.4	105.7	
JULY	202.5	6.53	293.1	108.7	
AUGUST	188.8	6.09	280.4	107.1	
SEPTEMBER	147.9	4.93	277.5	77.2	
OCTOBER	112.7	3.63	151.5	51.0	
NOVEMBER	69.1	2.30	100.9	36.9	
DECEMBER	56.5	1.82	82.3	32.2	
YEAR	1665.6	4.55	2032.5	1341.7	

SIDMOUTH (DEVON)  
HEIGHT 17M. N.G.R. SY(30)124873

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	58.5	1.89	102.4	25.7	
FEBRUARY	81.1	2.87	114.5	26.6	
MARCH	125.9	4.06	188.2	68.0	
APRIL	171.2	5.71	248.4	70.0	
MAY	204.2	6.59	281.2	138.8	
JUNE	214.2	7.14	315.5	145.7	S
JULY	200.6	6.47	309.1	121.6	
AUGUST	185.2	5.97	290.9	112.9	
SEPTEMBER	141.4	4.71	255.5	81.4	
OCTOBER	111.7	3.60	144.6	52.2	
NOVEMBER	71.6	2.39	96.3	42.7	
DECEMBER	60.7	1.96	101.1	27.1	
YEAR	1626.3	4.45	1916.4	1376.1	

STARACROSS (DEVON)  
HEIGHT 11M. N.G.R. SX(20)972821

MONTH	1948-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	59.5	1.92	101.5	30.0	
FEBRUARY	82.6	2.93	111.5	26.3	
MARCH	129.7	4.18	186.1	75.4	
APRIL	181.0	6.03	230.8	108.2	
MAY	215.1	6.94	297.7	160.4	
JUNE	217.8	7.26	307.8	156.5	
JULY	206.0	6.65	291.8	115.1	
AUGUST	194.6	6.28	293.3	141.6	
SEPTEMBER	147.0	4.90	250.7	91.7	
OCTOBER	112.1	3.62	144.5	49.6	
NOVEMBER	72.1	2.40	102.4	44.5	
DECEMBER	59.9	1.93	93.9	39.0	
YEAR	1677.4	4.59	1953.8	1425.8	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

TEIGNMOUTH (DEVON)  
HEIGHT 14M. N.G.R. SX(20)941728

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	59.8	1.93	103.6	30.4	
FEBRUARY	79.6	2.82	123.2	25.4	
MARCH	129.7	4.18	193.4	72.2	
APRIL	184.6	6.15	250.0	106.3	
MAY	222.3	7.17	307.9	165.9	
JUNE	228.4	7.61	316.2	165.4	
JULY	218.2	7.04	309.7	122.0	
AUGUST	197.2	6.36	297.5	120.1	
SEPTEMBER	149.4	4.98	250.3	79.3	
OCTOBER	110.7	3.57	145.9	53.7	
NOVEMBER	71.9	2.40	101.6	49.9	
DECEMBER	61.7	1.99	96.8	37.8	
YEAR	1713.5	4.68	2066.2	1392.5	

TORBAY/TORQUAY (DEVON)  
HEIGHT 82M. N.G.R. SX(20)909638

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	59.7	1.93	102.8	33.7	
FEBRUARY	82.3	2.91	127.9	25.8	
MARCH	134.2	4.33	207.3	79.5	
APRIL	189.9	6.33	255.7	120.9	
MAY	225.9	7.29	305.5	161.2	
JUNE	236.1	7.87	327.6	175.4	
JULY	221.9	7.16	320.3	108.7	
AUGUST	203.4	6.56	297.8	134.9	
SEPTEMBER	154.7	5.16	265.2	94.7	
OCTOBER	115.4	3.72	163.4	60.9	
NOVEMBER	73.7	2.46	113.8	42.3	
DECEMBER	62.9	2.03	99.8	40.3	
YEAR	1760.1	4.81	2076.2	1521.5	

TOTNES (DEVON)  
HEIGHT 30M. N.G.R. SX(20)979629

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	53.0	1.71	88.4	27.4	
FEBRUARY	72.8	2.58	99.1	22.4	
MARCH	120.0	3.87	188.6	65.5	
APRIL	173.7	5.79	218.4	120.4	
MAY	202.6	6.54	271.6	136.6	
JUNE	213.0	7.10	299.4	154.7	
JULY	197.9	6.38	282.5	153.6	
AUGUST	183.6	5.92	270.4	99.1	
SEPTEMBER	139.1	4.63	241.6	76.0	
OCTOBER	101.6	3.28	138.1	61.2	
NOVEMBER	64.4	2.15	102.6	39.8	
DECEMBER	53.7	1.73	87.6	28.9	
YEAR	1575.4	4.31	1869.3	1240.1	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

BUDE (CORNWALL)  
HEIGHT 16M. N.G.R. SS(21)208063

MONTH	1941-66.68-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	58.9	1.90	111.1	36.7	
FEBRUARY	79.3	2.81	114.6	36.6	
MARCH	133.2	4.30	196.5	78.8	
APRIL	182.1	6.07	246.5	119.4	
MAY	215.0	6.94	308.0	156.9	
JUNE	210.5	7.02	304.3	134.5	
JULY	189.3	6.11	300.6	104.8	
AUGUST	180.8	5.83	272.8	97.7	
SEPTEMBER	142.5	4.75	257.1	86.5	
OCTOBER	108.8	3.51	149.6	49.3	
NOVEMBER	66.3	2.21	103.1	26.8	
DECEMBER	54.0	1.74	81.4	26.4	
YEAR	1620.7	4.43	1850.7	1327.9	

ELLBRIDGE (CORNWALL)  
HEIGHT 65M. N.G.R. SX(20)401632

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	59.1	1.91	103.6	31.8	
FEBRUARY	80.7	2.86	119.8	25.0	
MARCH	130.0	4.19	199.1	79.6	
APRIL	178.1	5.94	242.3	106.7	
MAY	211.7	6.83	312.7	156.7	
JUNE	213.1	7.10	299.8	155.8	
JULY	193.8	6.25	290.8	104.0	
AUGUST	178.8	5.77	274.4	94.4	
SEPTEMBER	142.9	4.76	257.4	72.9	
OCTOBER	109.7	3.54	152.5	45.6	
NOVEMBER	69.1	2.30	100.4	36.7	
DECEMBER	57.9	1.87	87.0	37.8	
YEAR	1624.9	4.44	1945.0	1330.3	

FALMOUTH (CORNWALL)  
HEIGHT 53M. N.G.R. SW(10)802325

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	59.3	1.91	83.9	22.3	
FEBRUARY	77.4	2.74	131.0	26.2	
MARCH	121.5	3.92	182.2	66.4	
APRIL	186.3	6.21	244.0	113.2	
MAY	220.6	7.11	313.4	162.4	
JUNE	222.1	7.41	295.5	164.9	
JULY	204.9	6.61	308.4	107.1	
AUGUST	192.7	6.22	280.9	129.2	
SEPTEMBER	144.6	4.82	229.2	72.1	
OCTOBER	104.2	3.36	137.5	52.8	
NOVEMBER	72.3	2.41	98.2	38.4	
DECEMBER	55.0	1.77	91.3	38.2	
YEAR	1660.9	4.54	2002.5	1469.1	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

GULVAL (CORNWALL)  
HEIGHT 19M. N.G.R. SW(10)486317

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	57.9	1.87	79.0	36.9	
FEBRUARY	78.7	2.79	131.1	28.6	
MARCH	124.1	4.00	170.9	68.5	
APRIL	185.4	6.18	235.7	130.1	
MAY	224.3	7.24	313.2	163.2	
JUNE	221.8	7.39	294.7	150.2	
JULY	209.9	6.77	322.4	138.6	
AUGUST	193.5	6.24	273.0	108.4	
SEPTEMBER	150.1	5.00	241.6	76.7	
OCTOBER	107.5	3.47	144.1	59.7	
NOVEMBER	70.1	2.33	104.1	34.3	
DECEMBER	54.4	1.75	83.9	39.2	
YEAR	1677.7	4.59	1950.8	1388.9	

LIZARD (CORNWALL)  
HEIGHT 76M. N.G.R. SW(10)701119

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	60.8	1.96	87.8	28.5	
FEBRUARY	81.8	2.90	122.7	32.3	
MARCH	128.5	4.15	182.5	71.4	
APRIL	190.1	6.34	251.9	142.0	
MAY	230.6	7.44	329.3	180.0	
JUNE	221.5	7.38	298.9	168.8	
JULY	217.7	7.02	307.8	134.0	
AUGUST	205.8	6.64	290.3	132.3	
SEPTEMBER	155.3	5.18	240.3	73.2	
OCTOBER	113.9	3.67	162.8	66.6	
NOVEMBER	77.5	2.58	106.9	26.5	
DECEMBER	57.5	1.86	96.8	44.6	
YEAR	1741.0	4.76	1961.6	1483.6	

NEWQUAY (CORNWALL)  
HEIGHT 55M. N.G.R. SW(10)812614

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	58.9	1.90	111.0	29.5	
FEBRUARY	79.1	2.80	121.0	36.1	
MARCH	129.6	4.18	189.2	75.6	
APRIL	185.3	6.18	246.5	122.6	
MAY	219.1	7.07	317.6	166.2	
JUNE	214.1	7.14	306.4	147.9	
JULY	198.4	6.40	304.8	114.8	
AUGUST	189.9	6.13	277.4	127.1	
SEPTEMBER	148.5	4.95	251.4	74.1	
OCTOBER	106.8	3.45	152.1	56.1	
NOVEMBER	69.5	2.32	100.5	36.9	
DECEMBER	53.9	1.74	89.6	28.9	
YEAR	1653.1	4.52	1899.2	1473.4	



AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

PENZANCE (CORNWALL)  
HEIGHT 45M. N.G.R. SW101473300

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	60.4	1.95	85.6	27.5	
FEBRUARY	82.6	2.93	132.1	32.8	
MARCH	129.3	4.17	191.0	74.3	
APRIL	190.3	6.34	246.3	132.8	
MAY	222.5	7.18	297.9	166.1	
JUNE	218.9	7.30	281.0	168.8	
JULY	211.7	6.83	314.2	134.1	
AUGUST	198.9	6.42	277.4	140.3	
SEPTEMBER	157.1	5.24	254.5	80.5	
OCTOBER	114.0	3.68	149.9	67.6	
NOVEMBER	75.4	2.51	114.3	41.0	
DECEMBER	58.8	1.89	98.2	41.5	
YEAR	1719.9	4.70	2050.1	1524.9	

SCILLY/ST MARY'S (CORNWALL)  
HEIGHT 63M. N.G.R. SV1001913121

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	59.9	1.93	83.5	29.0	
FEBRUARY	80.6	2.85	120.9	44.5	
MARCH	132.2	4.26	179.7	76.9	
APRIL	190.1	6.34	247.8	154.2	
MAY	235.1	7.58	295.9	175.4	
JUNE	223.7	7.45	304.3	177.4	
JULY	208.3	6.72	330.1	146.7	
AUGUST	202.3	6.53	283.5	136.9	
SEPTEMBER	154.1	5.14	222.4	84.4	
OCTOBER	115.6	3.73	156.8	71.3	
NOVEMBER	74.9	2.50	108.1	42.6	
DECEMBER	57.8	1.86	86.0	27.8	
YEAR	1734.6	4.74	2044.1	1484.7	

AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

NORTHERN IRELAND  
BALLYKELLY (LONDONDERRY)  
HEIGHT 8M. IRISH G.R. IC(24)624234

MONTH	1946-51.53-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	49.3	1.59	81.6	26.6	
FEBRUARY	75.6	2.68	111.2	49.4	
MARCH	108.9	3.51	142.3	71.4	
APRIL	159.0	5.30	225.1	101.7	
MAY	196.6	6.34	303.6	118.0	
JUNE	170.7	5.69	273.0	89.6	
JULY	134.5	4.34	247.6	86.1	
AUGUST	145.2	4.68	269.6	87.3	
SEPTEMBER	111.5	3.71	153.5	76.5	
OCTOBER	87.5	2.82	127.0	47.2	
NOVEMBER	59.5	1.98	83.0	31.5	
DECEMBER	37.6	1.21	58.7	20.7	
YEAR	1335.9	3.65	1550.9	1158.9	

BELFAST/ALDERGROVE AIRPORT (ANTRIM)  
HEIGHT 78M. IRISH G.R. IJ(33)147798

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	44.3	1.43	82.1	23.9	
FEBRUARY	67.7	2.40	97.9	31.4	
MARCH	102.2	3.30	154.1	59.0	
APRIL	153.7	5.12	210.3	85.6	
MAY	191.2	6.17	295.3	135.3	
JUNE	174.6	5.82	287.0	109.2	
JULY	136.9	4.41	274.3	86.4	
AUGUST	136.9	4.42	267.1	82.4	
SEPTEMBER	104.2	3.47	150.0	70.1	
OCTOBER	78.4	2.53	113.8	48.8	
NOVEMBER	56.0	1.87	76.6	26.0	
DECEMBER	34.8	1.12	51.6	16.8	
YEAR	1280.9	3.51	1530.3	1083.6	

HILLSBOROUGH (DOWN)  
HEIGHT 120M. IRISH G.R. IJ(33)251577

MONTH	1941-70				S
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	
JANUARY	45.4	1.46	79.9	20.1	
FEBRUARY	65.7	2.33	95.8	26.4	
MARCH	99.3	3.20	148.1	60.4	
APRIL	144.9	4.83	207.0	82.1	
MAY	184.6	5.95	270.4	127.8	
JUNE	176.7	5.89	287.8	107.7	
JULY	135.7	4.38	259.7	74.2	
AUGUST	135.5	4.37	251.8	77.6	
SEPTEMBER	105.1	3.50	149.2	65.4	
OCTOBER	82.1	2.65	109.7	43.9	
NOVEMBER	57.9	1.93	85.2	27.9	
DECEMBER	38.0	1.22	57.3	23.8	
YEAR	1270.9	3.48	1493.0	1050.5	



# AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

ARMAGH (ARMAGH)  
HEIGHT 68M. IRISH G.R. 1H(23)878458

MONTH	1941-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	47.2	1.52	82.7	24.7	
FEBRUARY	68.7	2.43	105.4	41.2	
MARCH	104.6	3.37	140.4	62.7	
APRIL	146.8	4.89	203.5	88.9	
MAY	183.2	5.91	244.2	109.2	
JUNE	165.1	5.50	252.9	99.7	
JULY	127.7	4.12	217.8	65.0	
AUGUST	133.2	4.30	245.5	83.8	
SEPTEMBER	105.5	3.52	153.1	70.8	
OCTOBER	82.5	2.66	121.3	41.9	
NOVEMBER	58.3	1.94	79.7	39.7	
DECEMBER	36.7	1.18	65.0	21.2	
YEAR	1259.5	3.45	1512.3	1101.3	

# AVERAGES OF BRIGHT SUNSHINE FOR THE UNITED KINGDOM

CHANNEL ISLANDS  
GUERNSEY AIRPORT  
HEIGHT 106M. U.T.M. GRID WVI5541296760

MONTH	1949-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	57.3	1.85	97.2	26.0	
FEBRUARY	78.3	2.77	140.9	28.2	
MARCH	144.7	4.67	201.5	67.4	
APRIL	203.7	6.79	284.0	141.9	
MAY	247.6	7.99	308.6	182.3	
JUNE	253.1	8.43	330.3	203.9	
JULY	250.6	8.09	335.9	150.1	
AUGUST	225.9	7.29	323.0	155.2	
SEPTEMBER	163.1	5.44	266.5	95.4	
OCTOBER	116.3	3.75	167.4	72.6	
NOVEMBER	69.4	2.31	94.4	36.3	
DECEMBER	52.2	1.68	98.5	26.6	
YEAR	1862.2	5.09	2262.8	1588.9	

JERSEY/ST HELIER  
HEIGHT 10M. U.T.M. GRID WVI5541652493

MONTH	1946-70				
	AVERAGE MONTHLY TOTAL HOURS	AVERAGE DAILY TOTAL HOURS	HIGHEST MONTHLY TOTAL HOURS	LOWEST MONTHLY TOTAL HOURS	S
JANUARY	67.7	2.18	105.2	34.7	
FEBRUARY	89.5	3.17	146.3	42.2	
MARCH	151.6	4.89	212.8	91.9	
APRIL	206.2	6.87	284.7	137.3	
MAY	251.2	8.10	309.2	200.9	
JUNE	256.8	8.56	339.3	178.7	
JULY	255.7	8.25	335.5	153.2	
AUGUST	229.7	7.41	307.6	180.0	
SEPTEMBER	166.1	5.54	271.0	97.2	
OCTOBER	132.1	4.26	195.1	87.4	
NOVEMBER	76.3	2.54	142.5	41.4	
DECEMBER	58.3	1.88	99.4	33.4	
YEAR	1941.2	5.30	2290.7	1676.4	



## Index

- Aber, Gwynedd ..... 52  
Aberdeen, Grampian  
Region  
Dyce Airport ..... 5  
Mannofield ..... 5  
Aberporth, Dyfed ..... 54  
Aberystwyth, Dyfed ..... 54  
Abingdon, Oxfordshire ..... 32  
Acklington,  
Northumberland ..... 15  
Aldergrove Airport, Co.  
Antrim,  
— see Belfast ..... 67  
Ambleside, Cumbria ..... 46  
Ampleforth, North  
Yorkshire ..... 17  
ANTRIM, Co. .... 67  
Arbroath, Tayside Region ..... 7  
ARMAGH, Co. .... 68  
Armagh, Co. Armagh ..... 68  
Askham Bryan, North  
Yorkshire ..... 17  
Auchincruive, Strathclyde  
Region ..... 12  
AVON ..... 57  
Aylesbury,  
Buckinghamshire ..... 33  
Ballykelly, Co.  
 Londonderry ..... 67  
Baltasound, Shetland  
Islands Area ..... 1  
BEDFORDSHIRE ..... 23  
Belfast/Aldergrove  
Airport, Co. Antrim... 67  
Benbecula, Western Isles  
Islands Area ..... 2  
Berwick-on-Tweed,  
Northumberland ..... 15  
Bexhill, East Sussex ..... 43  
Bidston, Merseyside ..... 48  
Birmingham, West  
Midlands  
Edgbaston ..... 29  
Elmdon Airport ..... 30  
Blackford Hill,  
— see Edinburgh ..... 10  
Blackpool/Squires Gate  
Airport, Lancashire... 46  
Bodiam, East Sussex ..... 44  
Bognor Regis, West  
Sussex ..... 42  
Bolton, Greater  
Manchester ..... 49  
BORDERS REGION ..... 11  
Boscombe Down,  
Wiltshire ..... 36  
Bournemouth, Dorset ..... 58  
Bradford, West Yorkshire ..... 25  
Braemar, Grampian Region... 5  
Brighton, East Sussex ..... 44  
Bristol/Filton, Avon ..... 57  
BUCKINGHAMSHIRE ..... 33  
Bude, Cornwall ..... 64  
Burlingham, Norfolk ..... 21  
Buxton, Derbyshire ..... 27  
Cambridge/NIAB,  
Cambridgeshire ..... 22  
CAMBRIDGESHIRE ..... 22  
Cannington, Somerset ..... 58  
Cardiff, South Glamorgan... 56  
CHANNEL ISLANDS ..... 69  
Cheltenham,  
Gloucestershire ..... 32  
Chivenor, Devon ..... 59  
Clacton-on-Sea, Essex ..... 24  
Cleethorpes, Humberside... 18  
CLEVELAND ..... 17  
CLWYD ..... 53  
Cockle Park,  
Northumberland ..... 15  
Colwyn Bay, Clwyd ..... 53  
CORNWALL ..... 64–66  
Craibstone, Grampian  
Region ..... 6  
Cranwell, Lincolnshire ..... 19  
Cromer, Norfolk ..... 21  
CUMBRIA ..... 46  
DERBYSHIRE ..... 27  
DEVON ..... 59–63  
DORSET ..... 58–59  
Douglas, Isle of Man ..... 50  
Dover, Kent ..... 37  
DOWN, Co. .... 67  
Dumfries, Dumfries and  
Galloway Region ..... 14  
DUMFRIES AND  
GALLOWAY  
REGION ..... 14  
Dunbar, Lothian Region ..... 9  
Dundee, Tayside Region ..... 8  
Duntulm, Highland Region... 2  
DURHAM, Co. .... 16  
Durham, Co. Durham ..... 16  
Dyce Airport, Grampian  
Region  
— see Aberdeen ..... 5  
DYFED ..... 54–55  
EAST ANGLIA ..... 21–24  
Eastbourne, East Sussex ..... 44  
East Malling, Kent ..... 37  
EAST SUSSEX ..... 43–45  
Edgbaston, West Midlands  
— see Birmingham ..... 29  
Edinburgh, Lothian Region  
Blackford Hill ..... 10  
Royal Botanic Garden... 10  
Turnhouse Airport ..... 10  
Ellbridge, Cornwall ..... 64  
Elmdon Airport, West  
Midlands  
— see Birmingham ..... 30  
ENGLAND EAST AND  
NORTHEAST ..... 15–20  
ENGLAND NORTHWEST  
AND ISLE OF  
MAN ..... 46–51  
ENGLAND SOUTHEAST  
AND CENTRAL  
SOUTHERN ..... 34–45  
ENGLAND  
SOUTHWEST ..... 57–66  
Eskdalemuir, Dumfries  
and Galloway Region. 14  
ESSEX ..... 24  
Exeter, Devon ..... 60  
Exmouth, Devon ..... 60  
Falmouth, Cornwall ..... 64  
Fernhurst, West Sussex ..... 42  
Fettercairn, Grampian  
Region ..... 6  
FIFE REGION ..... 8–9  
Filton, Avon  
— see Bristol ..... 57  
Finningley, South  
Yorkshire ..... 26  
Folkestone, Kent ..... 37  
Forres, Grampian Region... 6  
Fort Augustus, Highland  
Region ..... 3  
Fortrose, Highland Region... 3  
Glasgow, Strathclyde  
Region  
Airport ..... 12  
Springburn Park ..... 12  
GLOUCESTERSHIRE ..... 32  
Gordon Castle, Grampian  
Region ..... 7  
Gorleston, Norfolk ..... 21  
GRAMPIAN REGION ..... 5–7  
GREATER LONDON. 34–35



GREATER  
MANCHESTER.. 49-50  
Greenock, Strathclyde  
Region..... 13  
Guernsey Airport, Channel  
Islands..... 69  
Gulval, Cornwall..... 65  
GWYNEDD..... 52  
GWENT..... 56

HAMPSHIRE..... 39-40  
Hampstead, Greater  
London  
- see London..... 34  
Hampton, Greater London  
- see London..... 34  
Hartland Point, Devon..... 60  
Hastings, East Sussex..... 45  
Haverfordwest, Dyfed..... 54  
HEREFORD AND  
WORCESTER..... 31  
Herne Bay, Kent..... 38  
HERTFORDSHIRE..... 23  
HIGHLAND REGION..... 2-4  
Hillsborough, Co. Down..... 67  
Houghall, Co. Durham..... 16  
Huddersfield, West  
Yorkshire  
Oakes..... 25  
Ravensknowle..... 25  
Hull, Humberside  
- see Kingston-upon-  
Hull..... 19  
HUMBERSIDE..... 18-19

Ilfracombe, Devon..... 61  
Ilkley, West Yorkshire..... 26  
ISLE OF MAN..... 50-51  
ISLE OF WIGHT..... 41-42

Jersey/St Helier,  
Channel Islands..... 69

KENT..... 37-39  
Kew, Greater London  
- see London..... 34  
Kilmarnock, Strathclyde  
Region..... 13  
Kingston-upon-Hull,  
Humberside..... 19  
Kirkcaldy, Fife Region..... 8  
Kirkwall Airport, Orkney  
Islands Area..... 1

LANCASHIRE..... 46-47  
Leckford, Hampshire..... 39  
Lerwick, Shetland Islands  
Area..... 1  
Leuchars, Fife Region..... 9  
LINCOLNSHIRE..... 19-20

Littlehampton, West  
Sussex..... 43  
Little Rissington,  
Gloucestershire..... 32  
Liverpool/Speke Airport,  
Merseyside..... 48  
Lizard, Cornwall..... 65  
Llandrindod Wells, Powys..... 55  
Llandudno, Gwynedd..... 52  
Llety-Evan-hen, Dyfed..... 55  
London  
Hampstead..... 34  
Hampton..... 34  
Kew..... 34  
London Weather Centre..... 35  
Regent's Park..... 35  
Southgate..... 35  
LONDONDERRY, Co..... 67  
Long Ashton, Avon..... 57  
Long Sutton, Hampshire..... 39  
LOTHIAN REGION..... 9-11  
Lowestoft, Suffolk..... 22

Malvern, Hereford and  
Worcester..... 31  
Manchester/Ringway  
Airport, Greater  
Manchester..... 49  
Mannofield, Grampian  
Region  
- see Aberdeen..... 5  
Marchmont, Borders  
Region..... 11  
Margate, Kent..... 38  
MERSEYSIDE..... 48-49  
MIDLAND  
COUNTIES..... 25-33  
Morecambe, Lancashire..... 47  
Mount Batten, Devon  
- see Plymouth..... 61

Nairn, Highland Region..... 3  
Nelson, Lancashire..... 47  
Newport, Salop..... 28  
Newquay, Cornwall..... 65  
Newton Abbot, Devon..... 61  
Newton Rigg, Cumbria..... 46  
NORFOLK..... 21-22  
NORTHAMPTONSHIRE..... 31  
NORTHERN  
IRELAND..... 67-68  
NORTHUMBERLAND..... 15  
NORTH YORKSHIRE..... 17-18  
Nottingham,  
Nottinghamshire..... 27  
NOTTINGHAMSHIRE..... 27-28

Oakes, West Yorkshire  
- see Huddersfield..... 25  
Onich, Highland Region..... 4  
ORKNEY ISLANDS AREA 1  
Oswestry, Salop..... 28

Oxford, Oxfordshire..... 33  
OXFORDSHIRE..... 32-33

Paisley, Strathclyde  
Region..... 13  
Penicuik, Lothian Region..... 11  
Penzance, Cornwall..... 66  
Perth, Tayside Region..... 8  
Plymouth, Devon  
Mount Batten..... 61  
The Hoe..... 62  
Point of Ayre,  
Isle of Man..... 50  
Poole, Dorset..... 58  
Porton, Wiltshire..... 36  
POWYS..... 55  
Prestatyn, Clwyd..... 53

Raunds,  
Northamptonshire..... 31  
Ravensknowle, West  
Yorkshire  
- see Huddersfield..... 25  
Redcar, Cleveland..... 17  
Regent's Park, Greater  
London  
- see London..... 35  
Rhyl, Clwyd..... 53  
Ringway Airport, Greater  
Manchester  
- see Manchester..... 49  
Rochdale, Greater  
Manchester..... 50  
Ronaldsway Airport, Isle  
of Man..... 51  
Ross-on-Wye, Hereford  
and Worcester..... 31  
Rothamsted,  
Hertfordshire..... 23  
Ryde, Isle of Wight..... 41

St Andrews, Fife Region..... 9  
St Helier, Channel Islands  
- see Jersey..... 69  
St Mary's, Cornwall  
- see Scilly..... 66  
SALOP..... 28-29  
Sandown, Isle of Wight..... 41  
Scarborough, North  
Yorkshire..... 18  
Scilly/St Mary's, Cornwall..... 66  
SCOTLAND EAST..... 5-11  
SCOTLAND NORTH..... 1-4  
SCOTLAND WEST..... 12-14  
Shanklin, Isle of Wight..... 41  
Shawbury, Salop..... 29  
Sheffield, South Yorkshire..... 26  
SHETLAND ISLANDS  
AREA..... 1  
Shipston-on-Stour,  
Warwickshire..... 30  
Shoeburyness, Essex..... 24  
Shrewsbury, Salop..... 29

Sidmouth, Devon..... 62  
Silsoe, Bedfordshire..... 23  
Skegness, Lincolnshire..... 19  
SOMERSET..... 58  
Southampton, Hampshire..... 40  
Southend, Essex..... 24  
South Farnborough,  
Hampshire..... 40  
Southgate, Greater  
London  
- see London..... 35  
SOUTH GLAMORGAN..... 56  
Southport, Merseyside..... 48  
Southsea, Hampshire..... 40  
SOUTH YORKSHIRE..... 26  
Speke Airport, Merseyside  
- see Liverpool..... 48  
Springburn Park,  
Strathclyde Region  
- see Glasgow..... 12  
Squires Gate Airport,  
Lancashire  
- see Blackpool..... 46  
Starcross, Devon..... 62  
Stonehaven, Grampian  
Region..... 7  
Stonyhurst, Lancashire..... 47  
Stornoway, Western Isles  
Islands Area..... 2

Stratford-upon-Avon,  
Warwickshire..... 30  
STRATHCLYDE  
REGION..... 12-14  
Strathy, Highland Region..... 4  
SUFFOLK..... 22  
SURREY..... 36  
Sutton Bonington,  
Nottinghamshire..... 27  
Swanage, Dorset..... 59  
Swansea, West Glamorgan..... 56

TAYSIDE REGION..... 7-8  
Teignmouth, Devon..... 63  
Terrington St Clement,  
Norfolk..... 22  
Tiree, Strathclyde Region..... 14  
Torbay/Torquay, Devon..... 63  
Torquay, Devon  
- see Torbay..... 63  
Totnes, Devon..... 63  
Trawscoed, Dyfed..... 55  
Turnhouse Airport,  
Lothian Region  
- see Edinburgh..... 10  
TYNE AND WEAR..... 16  
Tynemouth, Tyne and  
Wear..... 16

Usk, Gwent..... 56

Valley, Gwynedd..... 52  
Ventnor, Isle of Wight..... 42

Waddington, Lincolnshire..... 20  
WALES NORTH..... 52-53  
WALES SOUTH..... 54-56  
WARWICKSHIRE..... 30  
Watnall, Nottinghamshire..... 28  
WESTERN ISLES  
ISLANDS AREA..... 2  
WEST GLAMORGAN..... 56  
West Kirby Park,  
Merseyside..... 49  
WEST MIDLANDS..... 29-30  
Weston-super-Mare, Avon..... 57  
WEST SUSSEX..... 42-43  
WEST YORKSHIRE..... 25-26  
Weymouth, Dorset..... 59  
Whitby, North Yorkshire..... 18  
Whitstable, Kent..... 38  
Wick, Highland Region..... 4  
WILTSHIRE..... 36  
Wisley, Surrey..... 36  
Woburn, Bedfordshire..... 23  
Worthing, West Sussex..... 43  
Wye, Kent..... 39



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