

METEOROLOGICAL OFFICE

London Road, Bracknell, Berkshire.

CLIMATOLOGICAL MEMORANDUM 103

**AVERAGES AND FREQUENCY DISTRIBUTIONS
OF HUMIDITY FOR GREAT BRITAIN AND
NORTHERN IRELAND 1961 - 70**

ORGS UKMO C Duplicate

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August 1976

CLIMATOLOGICAL MEMORANDUM NO. 103

Amendment No. 1.

Pages 18 and 49 Watnall: amend altitude 119 m to read 117 m.

Page 54 Carlisle: amend extreme maximum vapour pressure
February 21.0 to read 12.0
Year 21.0 to read 20.4

amend extreme maximum vapour conc.
February 16.1 to read 9.2
Year 16.1 to read 15.0

Met O 3b

January 1977

CLIMATOLOGICAL MEMORANDUM NO. 103

AVERAGES AND FREQUENCY DISTRIBUTIONS OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND 1961-70

This memorandum presents humidity averages and frequencies for 62 stations in the United Kingdom based on the four observational hours 03. 09. 15 and 21 GMT, mainly over the ten-year period 1961-70 (although in one or two cases a shorter period has been used - see the table headings).

Five different parameters have been given:

- (1) **dry-bulb temperature** and
- (2) **wet-bulb temperature** in degrees Celsius which are recorded by thermometers exposed in a louvered screen approximately 1.25 m above short grass (except for Kew - see below),
- (3) **vapour pressure** which is that part of the atmospheric pressure exerted by water vapour and is measured in millibars (MB).
- (4) **relative humidity** which is the ratio of the actual vapour pressure to the saturated vapour pressure with respect to water at the dry-bulb temperature expressed as a percentage.
- (5) **vapour concentration** which is the mass of the water vapour present per unit volume of moist air and is expressed in grams per cubic metre (G/M^3).

Using the basic observations of dry- and wet-bulb temperature, the vapour pressure was determined by humidity slide-rule or tables (HMSO, 1964) based on the equation (due originally to Regnault and August and Apjohn)

$$e = e_w - A p (T - T_w)$$

where e is the vapour pressure in millibars,

e_w is the saturated vapour pressure in millibars at the temperature T_w

p is the atmospheric pressure in millibars,

T is the temperature of the dry bulb in degrees Celsius,

T_w is the temperature of the wet bulb in degrees Celsius,

A is a constant.

The value of A for thermometers exposed in a standard screen is 7.99×10^{-4} for wet-bulb temperatures equal to or greater than $0.0^\circ C$, and 7.20×10^{-4} for ice-bulb temperatures below $0.0^\circ C$; for thermometers in an aspirated psychrometer (used to determine the values for Kew for the years 1969 and 1970) the respective values are 6.66×10^{-4} and 5.94×10^{-4} .

The relative humidity at all temperatures is given by 100 times the ratio of the vapour pressure to the saturated vapour pressure with respect to a water surface at the temperature of the dry bulb.

Vapour concentration (d_v) was calculated from the formula

$$d_v = 216.7 e/T$$

where e is the vapour pressure in millibars

T is the dry-bulb temperature in kelvins.

Section 1 (pages 1-31) contains monthly and annual averages of dry-bulb and wet-bulb temperature, vapour pressure, relative humidity and vapour concentration.

If more than five observations were missing at any station during a month for any of the four hours listed, then no value was used for the hour concerned for that month or for the year.

In some cases where a change of site or of the type of instrumentation had occurred during the period the tables refer to an amalgamation of data. Details of the changes are given below, and the tables concerned have been marked with an asterisk.

Glasgow/Abbotsinch Airport. Data from Renfrew Airport (about 3 km SE of Abbotsinch) were used from 1.1.1961 to 30.4.1966.

Leeming. Data from Dishforth (about 17 km SSE of Leeming) were used from 1.1.1961 to 30.9.1965.

Honington. Data from Mildenhall (about 20 km W of Honington) were used from 1.1.1961 to 30.9.1969.

Kew. For the years 1961-68 observations were made in a screen on the north wall of the observatory with thermometers about 3 m above the ground. During 1969 and 1970 the observations were made with an aspirated psychrometer with the thermometers about 1.26 m above the ground in an open situation.

Section 2 (pages 32-62) gives the frequency distribution of vapour pressure and vapour concentration based on all four hours, 03, 09, 15 and 21 GMT.

The stations are arranged in each section under the Monthly Weather Report (HMSO) districts (see Figure 1 for location of stations). The National Grid reference, the altitude and the period of record are given at the head of each table.

Previous data, generally for the period 1921 to 1935, were published in Averages of Humidity for the British Isles (HMSO, 1938).

Maps of vapour pressure at 15 GMT 1941-70 and durations of high relative humidity 1961-70 are given in Climatological Memorandum 75 (Meteorological Office, 1975).

REFERENCES

- | | |
|------------------------------|--|
| HMSO, - , | Monthly Weather Report, HMSO, London |
| HMSO, 1938, | Averages of humidity for the British Isles, Met O 421, HMSO, London. |
| HMSO, 1964, | Hygrometric tables, Parts I, II, and III, Met O 265a, b, c. HMSO, London. |
| Meteorological Office, 1975, | Climatological Memorandum No. 75, Maps of mean vapour pressure and of frequencies of high relative humidity in the United Kingdom. Meteorological Office, Bracknell. |



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AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

O SCOTLAND NORTH
BENBECULA

1961 - 70

N.G.R. 08/782555

ALTITUDE 6 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.5 | 3.7 | 4.6 | 5.4 | 7.5 | 10.5 | 11.1 | 11.5 | 11.0 | 9.7 | 6.0 | 4.9 | 7.5 |
| | WET BULB °C | 3.8 | 2.9 | 3.8 | 4.7 | 6.8 | 9.8 | 10.4 | 10.8 | 10.3 | 8.9 | 5.1 | 4.1 | 6.8 |
| | VAP. PRESS. MB | 7.5 | 7.0 | 7.6 | 8.1 | 9.5 | 11.6 | 12.1 | 12.5 | 12.1 | 10.9 | 8.3 | 7.7 | 9.6 |
| | REL. HUM. % | 87 | 86 | 87 | 89 | 91 | 91 | 91 | 92 | 91 | 90 | 87 | 87 | 89 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.9 | 6.3 | 7.3 | 8.9 | 9.2 | 9.5 | 9.2 | 8.4 | 6.4 | 6.0 | 7.4 |
| 09 | DRY BULB °C | 4.6 | 4.0 | 5.5 | 7.4 | 9.9 | 12.9 | 13.0 | 13.3 | 12.2 | 10.4 | 6.2 | 5.0 | 8.7 |
| | WET BULB °C | 3.8 | 3.1 | 4.6 | 6.2 | 8.5 | 11.3 | 11.6 | 12.0 | 11.1 | 9.4 | 5.3 | 4.1 | 7.6 |
| | VAP. PRESS. MB | 7.5 | 7.1 | 7.8 | 8.5 | 10.0 | 12.2 | 12.6 | 13.0 | 12.3 | 11.2 | 8.4 | 7.7 | 9.9 |
| | REL. HUM. % | 87 | 85 | 85 | 82 | 82 | 82 | 84 | 85 | 86 | 88 | 87 | 87 | 85 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 6.1 | 6.6 | 7.7 | 9.2 | 9.5 | 9.8 | 9.3 | 8.6 | 6.5 | 6.0 | 7.6 |
| 15 | DRY BULB °C | 5.5 | 5.6 | 6.9 | 8.9 | 11.2 | 14.1 | 14.0 | 14.5 | 13.2 | 11.1 | 7.3 | 5.5 | 9.8 |
| | WET BULB °C | 4.5 | 4.2 | 5.4 | 7.1 | 9.2 | 12.0 | 12.2 | 12.6 | 11.6 | 9.8 | 6.1 | 4.7 | 8.3 |
| | VAP. PRESS. MB | 7.8 | 7.3 | 7.9 | 8.7 | 10.2 | 12.4 | 12.8 | 13.2 | 12.5 | 11.3 | 8.6 | 8.0 | 10.1 |
| | REL. HUM. % | 85 | 79 | 79 | 75 | 77 | 78 | 80 | 79 | 82 | 85 | 83 | 87 | 81 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.1 | 6.7 | 7.8 | 9.4 | 9.7 | 9.9 | 9.5 | 8.6 | 6.6 | 6.2 | 7.7 |
| 21 | DRY BULB °C | 4.5 | 4.0 | 4.9 | 6.3 | 8.7 | 11.8 | 12.0 | 12.3 | 11.3 | 9.8 | 6.1 | 5.0 | 8.1 |
| | WET BULB °C | 3.7 | 3.1 | 4.1 | 5.4 | 7.7 | 10.6 | 11.0 | 11.4 | 10.5 | 8.9 | 5.2 | 4.2 | 7.1 |
| | VAP. PRESS. MB | 7.5 | 7.1 | 7.6 | 8.4 | 9.8 | 11.9 | 12.3 | 12.8 | 12.1 | 10.9 | 8.2 | 7.8 | 9.7 |
| | REL. HUM. % | 87 | 85 | 86 | 87 | 87 | 86 | 87 | 89 | 89 | 89 | 85 | 87 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 6.5 | 7.5 | 9.1 | 9.4 | 9.7 | 9.2 | 8.4 | 6.4 | 6.1 | 7.5 |

KIRKWALL AIRPORT
N.G.R. 30/483076

ALTITUDE 26 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.7 | 2.9 | 3.6 | 4.3 | 6.4 | 9.1 | 10.0 | 10.7 | 10.1 | 8.6 | 5.2 | 4.0 | 6.5 |
| | WET BULB °C | 3.0 | 2.2 | 2.8 | 3.7 | 5.9 | 8.6 | 9.4 | 10.2 | 9.5 | 7.8 | 4.3 | 3.1 | 5.9 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.0 | 7.5 | 8.9 | 10.9 | 11.4 | 12.1 | 11.5 | 10.1 | 7.8 | 7.1 | 9.0 |
| | REL. HUM. % | 88 | 87 | 86 | 89 | 91 | 93 | 93 | 93 | 92 | 89 | 86 | 86 | 89 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 5.9 | 6.9 | 8.4 | 8.7 | 9.2 | 8.8 | 7.8 | 6.1 | 5.6 | 7.0 |
| 09 | DRY BULB °C | 3.7 | 3.2 | 4.5 | 6.5 | 8.6 | 11.7 | 12.1 | 12.6 | 11.5 | 9.4 | 5.3 | 3.9 | 7.7 |
| | WET BULB °C | 3.0 | 2.4 | 3.5 | 5.2 | 7.4 | 10.4 | 10.8 | 11.5 | 10.5 | 8.5 | 4.5 | 3.0 | 6.7 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.2 | 8.0 | 9.3 | 11.6 | 11.9 | 12.7 | 12.0 | 10.5 | 7.9 | 7.1 | 9.3 |
| | REL. HUM. % | 88 | 85 | 85 | 81 | 83 | 83 | 84 | 87 | 87 | 88 | 86 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.6 | 6.2 | 7.2 | 8.8 | 9.0 | 9.6 | 9.1 | 8.1 | 6.2 | 5.6 | 7.2 |
| 15 | DRY BULB °C | 4.3 | 4.4 | 5.6 | 7.8 | 9.5 | 13.1 | 13.3 | 13.8 | 12.6 | 10.2 | 6.1 | 4.3 | 8.7 |
| | WET BULB °C | 3.5 | 3.3 | 4.2 | 5.9 | 7.8 | 11.0 | 11.3 | 12.0 | 11.0 | 9.0 | 5.0 | 3.4 | 7.3 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.3 | 7.9 | 9.3 | 11.6 | 12.0 | 12.8 | 12.0 | 10.6 | 8.0 | 7.2 | 9.4 |
| | REL. HUM. % | 86 | 81 | 78 | 74 | 78 | 77 | 78 | 81 | 82 | 84 | 84 | 86 | 81 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.7 | 6.1 | 7.1 | 8.8 | 9.1 | 9.7 | 9.1 | 8.1 | 6.2 | 5.6 | 7.2 |
| 21 | DRY BULB °C | 3.7 | 3.2 | 3.8 | 5.1 | 7.2 | 10.4 | 11.0 | 11.2 | 10.3 | 8.7 | 5.2 | 4.0 | 7.0 |
| | WET BULB °C | 3.0 | 2.4 | 3.0 | 4.2 | 6.4 | 9.6 | 10.1 | 10.5 | 9.7 | 7.9 | 4.4 | 3.1 | 6.2 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.0 | 7.7 | 9.0 | 11.3 | 11.8 | 12.3 | 11.5 | 10.1 | 7.8 | 7.1 | 9.1 |
| | REL. HUM. % | 88 | 86 | 86 | 86 | 88 | 89 | 89 | 92 | 91 | 89 | 86 | 86 | 88 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 6.0 | 7.0 | 8.6 | 9.0 | 9.4 | 8.8 | 7.8 | 6.1 | 5.6 | 7.1 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

1961 - 70

LERWICK
N.G.R. 41/453397

ALTITUDE 82 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.2 | 2.4 | 2.9 | 3.8 | 5.8 | 8.7 | 9.5 | 10.2 | 9.6 | 8.1 | 4.6 | 3.5 | 6.0 |
| | WET BULB °C | 2.5 | 1.8 | 2.2 | 3.3 | 5.3 | 8.2 | 9.0 | 9.7 | 9.1 | 7.4 | 3.8 | 2.7 | 5.4 |
| | VAP. PRESS. MB | 6.9 | 6.5 | 6.7 | 7.4 | 8.5 | 10.6 | 11.1 | 11.8 | 11.2 | 9.9 | 7.5 | 7.0 | 8.8 |
| | REL. HUM. % | 88 | 88 | 87 | 90 | 92 | 94 | 93 | 94 | 93 | 90 | 86 | 88 | 90 |
| | VAP. CONC. G/M ³ | 5.4 | 5.1 | 5.3 | 5.8 | 6.6 | 8.2 | 8.5 | 9.0 | 8.6 | 7.6 | 5.9 | 5.5 | 6.8 |
| 09 | DRY BULB °C | 3.2 | 2.6 | 3.7 | 5.5 | 7.8 | 10.8 | 11.4 | 12.0 | 10.7 | 8.6 | 4.8 | 3.3 | 7.0 |
| | WET BULB °C | 2.5 | 1.9 | 2.8 | 4.4 | 6.6 | 9.6 | 10.2 | 10.9 | 9.9 | 7.9 | 3.9 | 2.6 | 6.1 |
| | VAP. PRESS. MB | 6.9 | 6.5 | 6.9 | 7.6 | 8.9 | 11.0 | 11.5 | 12.2 | 11.6 | 10.1 | 7.6 | 6.9 | 9.0 |
| | REL. HUM. % | 88 | 87 | 85 | 83 | 84 | 85 | 85 | 87 | 89 | 89 | 86 | 87 | 86 |
| | VAP. CONC. G/M ³ | 5.4 | 5.1 | 5.4 | 5.9 | 6.9 | 8.4 | 8.8 | 9.3 | 8.9 | 7.8 | 5.9 | 5.4 | 6.9 |
| 15 | DRY BULB °C | 3.5 | 3.4 | 4.4 | 6.3 | 8.4 | 11.6 | 12.2 | 12.7 | 11.3 | 9.0 | 5.2 | 3.6 | 7.6 |
| | WET BULB °C | 2.8 | 2.5 | 3.3 | 4.9 | 7.0 | 10.1 | 10.6 | 11.3 | 10.1 | 8.1 | 4.3 | 2.8 | 6.5 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.0 | 7.6 | 9.0 | 11.2 | 11.6 | 12.3 | 11.6 | 10.1 | 7.7 | 7.0 | 9.1 |
| | REL. HUM. % | 87 | 84 | 82 | 79 | 82 | 82 | 82 | 83 | 86 | 87 | 85 | 87 | 84 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.5 | 5.9 | 6.9 | 8.5 | 8.8 | 9.3 | 8.8 | 7.8 | 6.0 | 5.5 | 7.0 |
| 21 | DRY BULB °C | 3.3 | 2.6 | 3.0 | 4.3 | 6.4 | 9.5 | 10.2 | 10.7 | 9.8 | 8.1 | 4.6 | 3.4 | 6.3 |
| | WET BULB °C | 2.6 | 1.9 | 2.3 | 3.7 | 5.7 | 8.8 | 9.5 | 10.1 | 9.2 | 7.4 | 3.8 | 2.7 | 5.6 |
| | VAP. PRESS. MB | 6.9 | 6.6 | 6.7 | 7.5 | 8.7 | 10.8 | 11.3 | 12.0 | 11.2 | 9.9 | 7.5 | 6.9 | 8.8 |
| | REL. HUM. % | 87 | 87 | 87 | 89 | 90 | 91 | 90 | 93 | 92 | 90 | 86 | 87 | 89 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.3 | 5.9 | 6.7 | 8.3 | 8.6 | 9.2 | 8.6 | 7.6 | 5.9 | 5.4 | 6.8 |

STORNOWAY
N.G.R. 19/459332

ALTITUDE 3 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.1 | 3.2 | 4.0 | 4.6 | 6.9 | 9.5 | 10.4 | 10.6 | 10.2 | 8.7 | 5.1 | 4.2 | 6.8 |
| | WET BULB °C | 3.4 | 2.5 | 3.4 | 4.0 | 6.4 | 9.1 | 9.9 | 10.1 | 9.7 | 8.1 | 4.5 | 3.5 | 6.2 |
| | VAP. PRESS. MB | 7.4 | 6.9 | 7.5 | 7.9 | 9.3 | 11.3 | 11.9 | 12.2 | 11.8 | 10.6 | 8.1 | 7.5 | 9.4 |
| | REL. HUM. % | 89 | 88 | 89 | 91 | 93 | 94 | 94 | 94 | 93 | 92 | 90 | 89 | 91 |
| | VAP. CONC. G/M ³ | 5.8 | 5.4 | 5.9 | 6.2 | 7.2 | 8.7 | 9.1 | 9.3 | 9.0 | 8.2 | 6.3 | 5.9 | 7.3 |
| 09 | DRY BULB °C | 4.2 | 3.5 | 5.2 | 7.0 | 9.4 | 12.5 | 12.7 | 13.0 | 11.9 | 9.6 | 5.4 | 4.3 | 8.2 |
| | WET BULB °C | 3.5 | 2.7 | 4.3 | 5.9 | 8.1 | 11.1 | 11.3 | 11.8 | 10.9 | 8.9 | 4.8 | 3.6 | 7.2 |
| | VAP. PRESS. MB | 7.4 | 7.0 | 7.8 | 8.4 | 9.9 | 12.1 | 12.4 | 13.0 | 12.3 | 11.0 | 8.2 | 7.6 | 9.8 |
| | REL. HUM. % | 88 | 87 | 86 | 83 | 84 | 83 | 84 | 86 | 88 | 91 | 90 | 89 | 87 |
| | VAP. CONC. G/M ³ | 5.8 | 5.5 | 6.1 | 6.5 | 7.6 | 9.2 | 9.4 | 9.9 | 9.4 | 8.4 | 6.4 | 5.9 | 7.5 |
| 15 | DRY BULB °C | 5.2 | 5.4 | 6.8 | 8.5 | 10.6 | 13.6 | 13.8 | 14.2 | 13.0 | 10.8 | 6.7 | 4.9 | 9.5 |
| | WET BULB °C | 4.3 | 4.1 | 5.3 | 6.7 | 8.8 | 11.7 | 11.9 | 12.4 | 11.4 | 9.6 | 5.8 | 4.2 | 8.0 |
| | VAP. PRESS. MB | 7.7 | 7.3 | 7.8 | 8.5 | 10.0 | 12.3 | 12.6 | 13.0 | 12.4 | 11.1 | 8.7 | 7.9 | 9.9 |
| | REL. HUM. % | 85 | 80 | 78 | 76 | 78 | 79 | 80 | 80 | 82 | 85 | 87 | 89 | 82 |
| | VAP. CONC. G/M ³ | 6.0 | 5.7 | 6.0 | 6.5 | 7.6 | 9.3 | 9.5 | 9.8 | 9.4 | 8.5 | 6.7 | 6.2 | 7.6 |
| 21 | DRY BULB °C | 4.2 | 3.5 | 4.5 | 5.7 | 8.3 | 11.4 | 11.6 | 11.7 | 10.6 | 8.8 | 5.3 | 4.3 | 7.5 |
| | WET BULB °C | 3.5 | 2.8 | 3.7 | 5.0 | 7.4 | 10.5 | 10.8 | 10.9 | 10.0 | 8.2 | 4.6 | 3.7 | 6.8 |
| | VAP. PRESS. MB | 7.5 | 7.0 | 7.5 | 8.3 | 9.7 | 12.0 | 12.4 | 12.6 | 11.9 | 10.5 | 8.1 | 7.6 | 9.6 |
| | REL. HUM. % | 88 | 87 | 88 | 89 | 88 | 88 | 90 | 91 | 92 | 91 | 89 | 89 | 89 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.9 | 6.5 | 7.5 | 9.1 | 9.4 | 9.6 | 9.1 | 8.1 | 6.3 | 5.9 | 7.4 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

WICK

1961 - 70

N.G.R. 39/364522

ALTITUDE

36 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.2 | 2.7 | 3.2 | 4.1 | 6.3 | 9.1 | 9.9 | 10.5 | 10.0 | 8.5 | 4.7 | 3.4 | 6.3 |
| | WET BULB °C | 2.5 | 1.8 | 2.4 | 3.4 | 5.7 | 8.5 | 9.3 | 9.9 | 9.4 | 7.6 | 3.8 | 2.6 | 5.6 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 6.7 | 7.4 | 8.7 | 10.7 | 11.3 | 11.9 | 11.4 | 9.9 | 7.5 | 6.9 | 8.8 |
| | REL. HUM. % | 87 | 86 | 86 | 89 | 91 | 92 | 92 | 93 | 91 | 88 | 86 | 86 | 89 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.3 | 5.8 | 6.8 | 8.2 | 8.7 | 9.1 | 8.7 | 7.6 | 5.9 | 5.4 | 6.8 |
| 09 | DRY BULB °C | 3.3 | 2.8 | 4.3 | 6.4 | 8.6 | 11.7 | 12.4 | 12.7 | 11.7 | 9.4 | 4.9 | 3.4 | 7.6 |
| | WET BULB °C | 2.5 | 1.9 | 3.3 | 5.1 | 7.3 | 10.3 | 10.9 | 11.4 | 10.5 | 8.3 | 4.0 | 2.6 | 6.5 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 7.0 | 7.9 | 9.2 | 11.4 | 11.9 | 12.5 | 11.9 | 10.3 | 7.6 | 6.9 | 9.2 |
| | REL. HUM. % | 87 | 85 | 83 | 81 | 83 | 83 | 82 | 85 | 86 | 87 | 86 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.5 | 6.1 | 7.1 | 8.7 | 9.0 | 9.5 | 9.1 | 7.9 | 5.9 | 5.4 | 7.1 |
| 15 | DRY BULB °C | 4.1 | 4.3 | 5.8 | 7.7 | 9.5 | 12.9 | 13.5 | 13.8 | 12.8 | 10.5 | 5.9 | 4.0 | 8.7 |
| | WET BULB °C | 3.2 | 3.1 | 4.2 | 5.8 | 7.8 | 10.9 | 11.5 | 12.0 | 11.1 | 9.1 | 4.9 | 3.2 | 7.2 |
| | VAP. PRESS. MB | 7.1 | 6.8 | 7.1 | 7.8 | 9.3 | 11.6 | 12.1 | 12.7 | 12.0 | 10.5 | 8.0 | 7.1 | 9.3 |
| | REL. HUM. % | 85 | 81 | 77 | 74 | 78 | 78 | 78 | 80 | 81 | 81 | 84 | 85 | 80 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 6.0 | 7.1 | 8.8 | 9.2 | 9.6 | 9.1 | 8.0 | 6.2 | 5.6 | 7.2 |
| 21 | DRY BULB °C | 3.3 | 2.8 | 3.7 | 5.2 | 7.2 | 10.6 | 11.2 | 11.4 | 10.6 | 8.8 | 4.9 | 3.7 | 6.9 |
| | WET BULB °C | 2.5 | 2.0 | 2.8 | 4.2 | 6.4 | 9.6 | 10.2 | 10.6 | 9.8 | 7.8 | 4.0 | 2.8 | 6.1 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.9 | 7.6 | 9.0 | 11.2 | 11.7 | 12.3 | 11.5 | 10.0 | 7.5 | 7.0 | 9.0 |
| | REL. HUM. % | 86 | 86 | 85 | 85 | 88 | 88 | 86 | 91 | 89 | 87 | 85 | 86 | 87 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.4 | 5.9 | 7.0 | 8.6 | 8.5 | 9.4 | 8.8 | 7.7 | 5.8 | 5.5 | 6.9 |

1 SCOTLAND EAST

ABERDEEN/DYCE AIRPORT

1961 - 70

N.G.R. 38/883125

ALTITUDE

58 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.1 | 1.7 | 2.7 | 3.6 | 6.0 | 9.0 | 10.2 | 10.4 | 9.8 | 7.6 | 4.1 | 2.6 | 5.8 |
| | WET BULB °C | 1.4 | 0.9 | 1.8 | 2.8 | 5.3 | 8.3 | 9.4 | 9.7 | 9.1 | 6.9 | 3.2 | 1.7 | 5.0 |
| | VAP. PRESS. MB | 6.3 | 6.0 | 6.4 | 7.0 | 8.4 | 10.4 | 11.2 | 11.6 | 11.1 | 9.5 | 7.1 | 6.4 | 8.5 |
| | REL. HUM. % | 86 | 85 | 85 | 87 | 89 | 90 | 89 | 91 | 90 | 88 | 85 | 86 | 88 |
| | VAP. CONC. G/M ³ | 5.0 | 4.7 | 5.0 | 5.5 | 6.5 | 8.0 | 8.6 | 8.9 | 8.5 | 7.3 | 5.6 | 5.0 | 6.5 |
| 09 | DRY BULB °C | 2.1 | 2.0 | 4.1 | 6.8 | 9.4 | 13.4 | 13.5 | 13.5 | 12.2 | 9.1 | 4.1 | 2.4 | 7.7 |
| | WET BULB °C | 1.4 | 1.1 | 2.8 | 5.1 | 7.5 | 11.0 | 11.3 | 11.7 | 10.7 | 8.0 | 3.2 | 1.6 | 6.3 |
| | VAP. PRESS. MB | 6.3 | 6.1 | 6.6 | 7.6 | 8.9 | 11.2 | 11.7 | 12.5 | 11.8 | 10.0 | 7.2 | 6.4 | 8.9 |
| | REL. HUM. % | 87 | 84 | 79 | 76 | 76 | 73 | 76 | 80 | 82 | 85 | 85 | 86 | 81 |
| | VAP. CONC. G/M ³ | 5.0 | 4.8 | 5.2 | 5.9 | 6.8 | 8.5 | 8.8 | 9.5 | 9.0 | 7.7 | 5.6 | 5.0 | 6.8 |
| 15 | DRY BULB °C | 3.8 | 4.3 | 6.5 | 8.7 | 10.9 | 15.1 | 15.3 | 15.4 | 14.2 | 11.4 | 6.0 | 3.6 | 9.6 |
| | WET BULB °C | 2.8 | 2.9 | 4.4 | 6.1 | 8.4 | 12.0 | 12.2 | 12.7 | 11.7 | 9.4 | 4.7 | 2.6 | 7.5 |
| | VAP. PRESS. MB | 6.7 | 6.5 | 6.8 | 7.6 | 9.2 | 11.6 | 11.9 | 12.7 | 11.8 | 10.4 | 7.7 | 6.7 | 9.1 |
| | REL. HUM. % | 83 | 78 | 71 | 68 | 71 | 68 | 69 | 73 | 73 | 76 | 80 | 83 | 74 |
| | VAP. CONC. G/M ³ | 5.2 | 5.1 | 5.3 | 5.8 | 7.0 | 8.7 | 8.9 | 9.5 | 8.9 | 7.9 | 6.0 | 5.2 | 7.0 |
| 21 | DRY BULB °C | 2.5 | 2.0 | 3.5 | 5.2 | 7.7 | 11.6 | 12.1 | 11.9 | 10.9 | 8.4 | 4.2 | 2.6 | 6.9 |
| | WET BULB °C | 1.6 | 1.2 | 2.4 | 4.1 | 6.6 | 10.1 | 10.8 | 10.8 | 9.9 | 7.5 | 3.3 | 1.8 | 5.8 |
| | VAP. PRESS. MB | 6.4 | 6.1 | 6.6 | 7.5 | 8.9 | 11.3 | 11.9 | 12.3 | 11.5 | 9.8 | 7.2 | 6.4 | 8.8 |
| | REL. HUM. % | 86 | 85 | 83 | 84 | 84 | 83 | 84 | 87 | 87 | 87 | 85 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.0 | 4.8 | 5.2 | 5.8 | 6.9 | 8.6 | 9.0 | 9.4 | 8.8 | 7.5 | 5.6 | 5.0 | 6.8 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

EDINBURGH/TURNHOUSE AIRPORT

1961 - 70

N.G.R. 36/159739

ALTITUDE

35 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.5 | 1.8 | 3.1 | 4.4 | 6.9 | 9.7 | 10.7 | 11.0 | 10.2 | 8.1 | 4.3 | 2.6 | 6.3 |
| | WET BULB °C | 1.7 | 1.0 | 2.2 | 3.6 | 6.0 | 8.9 | 9.9 | 10.3 | 9.4 | 7.2 | 3.5 | 1.8 | 5.5 |
| | VAP. PRESS. MB | 6.5 | 6.1 | 6.6 | 7.4 | 8.8 | 10.9 | 11.7 | 12.1 | 11.4 | 9.8 | 7.5 | 6.5 | 8.8 |
| | REL. HUM. % | 87 | 85 | 85 | 87 | 88 | 90 | 90 | 91 | 90 | 88 | 88 | 86 | 88 |
| | VAP. CONC. G/M ³ | 5.1 | 4.8 | 5.2 | 5.8 | 6.8 | 8.4 | 8.9 | 9.2 | 8.7 | 7.6 | 5.9 | 5.1 | 6.8 |
| 09 | DRY BULB °C | 2.5 | 2.0 | 4.5 | 7.2 | 10.0 | 13.5 | 14.0 | 14.0 | 12.5 | 9.4 | 4.5 | 2.7 | 8.1 |
| | WET BULB °C | 1.8 | 1.1 | 3.2 | 5.5 | 8.1 | 11.3 | 11.9 | 12.3 | 11.1 | 8.3 | 3.7 | 1.9 | 6.7 |
| | VAP. PRESS. MB | 6.5 | 6.1 | 6.9 | 7.9 | 9.3 | 11.7 | 12.3 | 12.9 | 12.2 | 10.2 | 7.6 | 6.5 | 9.2 |
| | REL. HUM. % | 86 | 84 | 80 | 76 | 76 | 76 | 76 | 80 | 84 | 86 | 87 | 86 | 81 |
| | VAP. CONC. G/M ³ | 5.1 | 4.8 | 5.4 | 6.1 | 7.1 | 8.8 | 9.3 | 9.7 | 9.3 | 7.8 | 5.9 | 5.1 | 7.0 |
| 15 | DRY BULB °C | 4.6 | 5.1 | 7.3 | 9.5 | 12.2 | 15.8 | 16.3 | 16.5 | 15.0 | 12.0 | 6.7 | 4.4 | 10.5 |
| | WET BULB °C | 3.4 | 3.4 | 5.0 | 6.8 | 9.4 | 12.5 | 13.0 | 13.4 | 12.3 | 9.9 | 5.4 | 3.3 | 8.1 |
| | VAP. PRESS. MB | 7.0 | 6.6 | 7.0 | 7.9 | 9.6 | 11.8 | 12.4 | 12.9 | 12.2 | 10.7 | 8.0 | 7.0 | 9.4 |
| | REL. HUM. % | 81 | 74 | 67 | 66 | 58 | 67 | 67 | 69 | 72 | 75 | 80 | 81 | 72 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.4 | 6.1 | 7.3 | 8.9 | 9.3 | 9.7 | 9.2 | 8.1 | 6.2 | 5.5 | 7.2 |
| 21 | DRY BULB °C | 2.8 | 2.5 | 4.2 | 6.3 | 8.9 | 12.2 | 13.0 | 12.8 | 11.4 | 8.9 | 4.7 | 3.0 | 7.6 |
| | WET BULB °C | 2.0 | 1.6 | 3.0 | 5.0 | 7.6 | 10.7 | 11.5 | 11.6 | 10.4 | 7.9 | 3.9 | 2.2 | 6.5 |
| | VAP. PRESS. MB | 6.6 | 6.3 | 6.8 | 7.8 | 9.5 | 11.7 | 12.4 | 12.8 | 11.9 | 10.1 | 7.6 | 6.7 | 9.2 |
| | REL. HUM. % | 86 | 84 | 81 | 80 | 82 | 82 | 82 | 86 | 87 | 87 | 87 | 85 | 84 |
| | VAP. CONC. G/M ³ | 5.2 | 5.0 | 5.3 | 6.1 | 7.3 | 8.9 | 9.4 | 9.7 | 9.1 | 7.8 | 5.9 | 5.3 | 7.1 |

KINLOSS

1961 - 70

N.G.R. 38/067627

ALTITUDE

5 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.7 | 2.1 | 3.4 | 4.4 | 6.9 | 9.8 | 10.9 | 11.2 | 10.5 | 8.4 | 4.3 | 3.3 | 6.5 |
| | WET BULB °C | 1.8 | 1.2 | 2.4 | 3.4 | 5.9 | 8.8 | 9.8 | 10.2 | 9.4 | 7.2 | 3.4 | 2.3 | 5.5 |
| | VAP. PRESS. MB | 6.4 | 6.1 | 6.6 | 7.2 | 8.6 | 10.6 | 11.3 | 11.8 | 11.1 | 9.4 | 7.2 | 6.6 | 8.6 |
| | REL. HUM. % | 84 | 84 | 83 | 85 | 86 | 87 | 86 | 88 | 87 | 84 | 85 | 84 | 85 |
| | VAP. CONC. G/M ³ | 5.0 | 4.8 | 5.2 | 5.6 | 6.7 | 8.1 | 8.6 | 9.0 | 8.5 | 7.2 | 5.6 | 5.2 | 6.6 |
| 09 | DRY BULB °C | 2.8 | 2.3 | 4.7 | 7.3 | 9.9 | 13.6 | 13.8 | 13.9 | 12.6 | 9.5 | 4.5 | 3.1 | 8.2 |
| | WET BULB °C | 1.8 | 1.4 | 3.3 | 5.5 | 7.9 | 11.3 | 11.5 | 12.0 | 10.9 | 8.1 | 3.6 | 2.2 | 6.6 |
| | VAP. PRESS. MB | 6.4 | 6.1 | 6.8 | 7.7 | 9.2 | 11.5 | 11.9 | 12.6 | 11.8 | 9.9 | 7.3 | 6.5 | 9.0 |
| | REL. HUM. % | 85 | 83 | 78 | 75 | 75 | 74 | 76 | 79 | 80 | 82 | 85 | 84 | 80 |
| | VAP. CONC. G/M ³ | 5.0 | 4.8 | 5.3 | 6.0 | 7.0 | 8.7 | 9.0 | 9.5 | 9.0 | 7.6 | 5.7 | 5.1 | 6.9 |
| 15 | DRY BULB °C | 4.4 | 4.9 | 7.1 | 9.6 | 11.8 | 15.9 | 15.8 | 16.0 | 14.6 | 11.8 | 6.4 | 4.2 | 10.2 |
| | WET BULB °C | 3.1 | 3.3 | 4.9 | 6.8 | 9.0 | 12.4 | 12.5 | 13.0 | 11.9 | 9.6 | 5.1 | 3.1 | 7.9 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 7.0 | 7.8 | 9.4 | 11.8 | 12.1 | 12.8 | 12.0 | 10.4 | 7.9 | 6.9 | 9.3 |
| | REL. HUM. % | 80 | 75 | 69 | 65 | 68 | 66 | 68 | 71 | 72 | 75 | 80 | 82 | 73 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.4 | 6.0 | 7.2 | 8.9 | 9.1 | 9.6 | 9.0 | 7.9 | 6.1 | 5.4 | 7.1 |
| 21 | DRY BULB °C | 3.0 | 2.5 | 4.2 | 6.0 | 8.6 | 12.4 | 12.8 | 12.7 | 11.4 | 9.1 | 4.6 | 3.4 | 7.6 |
| | WET BULB °C | 2.0 | 1.6 | 3.0 | 4.7 | 7.2 | 10.7 | 11.1 | 11.3 | 10.1 | 7.8 | 3.6 | 2.4 | 6.3 |
| | VAP. PRESS. MB | 6.5 | 6.3 | 6.8 | 7.6 | 9.2 | 11.5 | 11.9 | 12.4 | 11.4 | 9.7 | 7.3 | 6.7 | 8.9 |
| | REL. HUM. % | 84 | 84 | 81 | 80 | 81 | 80 | 81 | 84 | 84 | 83 | 85 | 84 | 83 |
| | VAP. CONC. G/M ³ | 5.1 | 5.0 | 5.3 | 5.9 | 7.1 | 8.7 | 9.0 | 9.4 | 8.7 | 7.5 | 5.7 | 5.3 | 6.9 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

LEUCHARS

1961 - 70

N.G.R. 37/468209

ALTITUDE

10 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.5 | 1.9 | 3.1 | 4.2 | 6.5 | 9.5 | 10.7 | 10.9 | 10.3 | 8.3 | 4.4 | 2.6 | 6.2 |
| | WET BULB °C | 1.8 | 1.1 | 2.2 | 3.4 | 5.8 | 8.8 | 9.9 | 10.2 | 9.5 | 7.5 | 3.6 | 1.8 | 5.5 |
| | VAP. PRESS. MB | 6.5 | 6.1 | 6.7 | 7.4 | 8.8 | 10.8 | 11.6 | 12.0 | 11.5 | 10.0 | 7.5 | 6.5 | 8.8 |
| | REL. HUM. % | 87 | 85 | 85 | 87 | 90 | 91 | 90 | 91 | 91 | 89 | 87 | 86 | 88 |
| | VAP. CONC. G/M ³ | 5.1 | 4.8 | 5.3 | 5.8 | 6.8 | 8.3 | 8.9 | 9.2 | 8.8 | 7.7 | 5.9 | 5.1 | 6.8 |
| 09 | DRY BULB °C | 2.5 | 2.3 | 4.5 | 7.1 | 9.9 | 13.4 | 14.1 | 13.9 | 12.5 | 9.4 | 4.4 | 2.6 | 8.1 |
| | WET BULB °C | 1.8 | 1.4 | 3.3 | 5.5 | 8.1 | 11.3 | 11.9 | 12.2 | 11.1 | 8.3 | 3.6 | 1.8 | 6.7 |
| | VAP. PRESS. MB | 6.5 | 6.2 | 6.9 | 7.9 | 9.5 | 11.7 | 12.3 | 12.9 | 12.2 | 10.3 | 7.5 | 6.5 | 9.2 |
| | REL. HUM. % | 87 | 84 | 81 | 77 | 77 | 77 | 76 | 81 | 84 | 87 | 87 | 87 | 82 |
| | VAP. CONC. G/M ³ | 5.1 | 4.9 | 5.4 | 6.1 | 7.3 | 8.9 | 9.3 | 9.7 | 9.3 | 7.9 | 5.9 | 5.1 | 7.1 |
| 15 | DRY BULB °C | 4.4 | 5.1 | 7.3 | 9.3 | 11.6 | 15.4 | 16.2 | 16.1 | 14.7 | 11.9 | 6.8 | 4.2 | 10.3 |
| | WET BULB °C | 3.3 | 3.5 | 5.1 | 6.9 | 9.2 | 12.4 | 13.1 | 13.4 | 12.3 | 10.0 | 5.4 | 3.1 | 8.1 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.2 | 8.2 | 9.9 | 12.1 | 12.7 | 13.3 | 12.4 | 10.9 | 8.0 | 6.9 | 9.6 |
| | REL. HUM. % | 82 | 76 | 70 | 69 | 73 | 70 | 69 | 73 | 74 | 77 | 80 | 83 | 75 |
| | VAP. CONC. G/M ³ | 5.5 | 5.2 | 5.6 | 6.3 | 7.5 | 9.1 | 9.5 | 10.0 | 9.3 | 8.3 | 6.2 | 5.4 | 7.3 |
| 21 | DRY BULB °C | 2.9 | 2.6 | 4.1 | 5.8 | 8.4 | 12.0 | 12.8 | 12.6 | 11.4 | 8.9 | 4.7 | 2.9 | 7.4 |
| | WET BULB °C | 2.1 | 1.7 | 3.0 | 4.7 | 7.3 | 10.5 | 11.4 | 11.4 | 10.3 | 8.0 | 3.8 | 2.1 | 6.4 |
| | VAP. PRESS. MB | 6.7 | 6.3 | 6.9 | 7.8 | 9.4 | 11.6 | 12.4 | 12.7 | 11.9 | 10.2 | 7.6 | 6.6 | 9.2 |
| | REL. HUM. % | 87 | 84 | 83 | 83 | 84 | 83 | 83 | 86 | 87 | 88 | 87 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.4 | 6.1 | 7.2 | 8.8 | 9.4 | 9.6 | 9.1 | 7.8 | 5.9 | 5.2 | 7.1 |

6A SCOTLAND WEST

ESKDALEMUIR

1961 - 70

N.G.R. 36/235026

ALTITUDE

242 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|------|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 1.1 | 0.4 | 1.6 | 2.9 | 5.4 | 8.4 | 9.5 | 9.8 | 9.1 | 7.1 | 3.2 | 1.3 | 5.0 |
| | WET BULB °C | 0.7 | -0.1 | 1.0 | 2.5 | 4.9 | 7.9 | 9.0 | 9.4 | 8.7 | 6.7 | 2.7 | 0.8 | 4.5 |
| | VAP. PRESS. MB | 6.3 | 5.8 | 6.3 | 7.1 | 8.4 | 10.3 | 11.2 | 11.6 | 11.1 | 9.7 | 7.2 | 6.3 | 8.4 |
| | REL. HUM. % | 91 | 88 | 89 | 91 | 92 | 92 | 93 | 94 | 94 | 93 | 91 | 89 | 91 |
| | VAP. CONC. G/M ³ | 5.0 | 4.6 | 5.0 | 5.6 | 6.5 | 7.9 | 8.6 | 8.9 | 8.5 | 7.5 | 5.6 | 5.0 | 6.6 |
| 09 | DRY BULB °C | 1.1 | 0.6 | 2.8 | 5.7 | 9.1 | 12.8 | 13.0 | 12.9 | 11.2 | 8.2 | 3.4 | 1.2 | 6.8 |
| | WET BULB °C | 0.7 | 0.0 | 2.0 | 4.6 | 7.5 | 10.8 | 11.3 | 11.6 | 10.3 | 7.6 | 2.9 | 0.6 | 5.8 |
| | VAP. PRESS. MB | 6.3 | 5.9 | 6.6 | 7.7 | 9.2 | 11.5 | 12.1 | 12.7 | 11.9 | 10.1 | 7.3 | 6.2 | 9.0 |
| | REL. HUM. % | 91 | 88 | 85 | 82 | 79 | 78 | 81 | 85 | 89 | 91 | 90 | 89 | 86 |
| | VAP. CONC. G/M ³ | 5.0 | 4.7 | 5.2 | 6.0 | 7.1 | 8.7 | 9.2 | 9.6 | 9.1 | 7.8 | 5.7 | 4.9 | 6.9 |
| 15 | DRY BULB °C | 2.8 | 3.2 | 5.5 | 8.4 | 11.5 | 15.4 | 15.1 | 15.4 | 13.6 | 10.6 | 5.3 | 2.8 | 9.1 |
| | WET BULB °C | 2.1 | 2.1 | 3.8 | 6.2 | 8.9 | 12.3 | 12.6 | 13.0 | 11.6 | 9.2 | 4.3 | 2.1 | 7.3 |
| | VAP. PRESS. MB | 6.7 | 6.3 | 6.9 | 7.8 | 9.5 | 11.9 | 12.7 | 13.2 | 12.2 | 10.6 | 7.7 | 6.7 | 9.3 |
| | REL. HUM. % | 88 | 80 | 76 | 71 | 70 | 69 | 74 | 76 | 78 | 82 | 85 | 88 | 78 |
| | VAP. CONC. G/M ³ | 5.3 | 4.9 | 5.4 | 6.0 | 7.2 | 8.9 | 9.6 | 9.9 | 9.2 | 8.1 | 6.0 | 5.3 | 7.1 |
| 21 | DRY BULB °C | 1.5 | 0.9 | 2.4 | 4.4 | 7.5 | 11.3 | 11.6 | 11.5 | 10.1 | 7.6 | 3.3 | 1.7 | 6.1 |
| | WET BULB °C | 1.0 | 0.3 | 1.7 | 3.7 | 6.6 | 10.1 | 10.6 | 10.7 | 9.5 | 7.1 | 2.8 | 1.2 | 5.4 |
| | VAP. PRESS. MB | 6.4 | 5.9 | 6.5 | 7.5 | 9.1 | 11.4 | 12.1 | 12.4 | 11.5 | 9.9 | 7.2 | 6.5 | 8.9 |
| | REL. HUM. % | 90 | 87 | 87 | 87 | 87 | 85 | 88 | 90 | 92 | 92 | 90 | 90 | 89 |
| | VAP. CONC. G/M ³ | 5.1 | 4.7 | 5.1 | 5.9 | 7.0 | 8.7 | 9.2 | 9.4 | 8.8 | 7.6 | 5.6 | 5.1 | 6.9 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

GLASGOW/ABBOTSINCH AIRPORT
N.O.R. 26/480667

ALTITUDE 5 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.9 | 2.3 | 3.5 | 4.8 | 7.5 | 10.5 | 11.2 | 11.5 | 10.6 | 8.6 | 4.6 | 3.1 | 6.8 |
| | WET BULB °C | 2.2 | 1.5 | 2.7 | 4.0 | 6.7 | 9.6 | 10.4 | 10.7 | 9.9 | 7.9 | 3.8 | 2.3 | 6.0 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 7.0 | 7.7 | 9.2 | 11.4 | 12.0 | 12.5 | 11.8 | 10.3 | 7.7 | 6.9 | 9.1 |
| | REL. HUM. % | 88 | 86 | 86 | 87 | 88 | 89 | 89 | 91 | 91 | 90 | 88 | 87 | 88 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.5 | 6.0 | 7.1 | 8.7 | 9.1 | 9.5 | 9.0 | 7.9 | 6.0 | 5.4 | 7.0 |
| 09 | DRY BULB °C | 3.0 | 2.4 | 4.6 | 7.3 | 10.4 | 13.8 | 14.0 | 14.0 | 12.4 | 9.6 | 4.8 | 3.1 | 8.3 |
| | WET BULB °C | 2.3 | 1.6 | 3.6 | 5.7 | 8.5 | 11.6 | 12.0 | 12.4 | 11.2 | 8.7 | 4.0 | 2.4 | 7.0 |
| | VAP. PRESS. MB | 6.9 | 6.4 | 7.2 | 8.1 | 9.7 | 12.0 | 12.5 | 13.2 | 12.3 | 10.7 | 7.8 | 6.9 | 9.5 |
| | REL. HUM. % | 88 | 85 | 83 | 77 | 76 | 76 | 78 | 82 | 85 | 88 | 87 | 87 | 83 |
| | VAP. CONC. G/M ³ | 5.4 | 5.0 | 5.6 | 6.3 | 7.4 | 9.1 | 9.4 | 10.0 | 9.3 | 8.2 | 6.1 | 5.4 | 7.3 |
| 15 | DRY BULB °C | 4.8 | 5.4 | 7.6 | 10.2 | 13.2 | 16.8 | 16.5 | 17.0 | 15.0 | 12.1 | 7.0 | 4.8 | 10.9 |
| | WET BULB °C | 3.7 | 3.8 | 5.4 | 7.3 | 10.1 | 13.1 | 13.3 | 13.8 | 12.5 | 10.2 | 5.6 | 3.7 | 8.5 |
| | VAP. PRESS. MB | 7.2 | 6.9 | 7.4 | 8.1 | 10.0 | 12.3 | 12.8 | 13.4 | 12.6 | 11.1 | 8.2 | 7.3 | 9.8 |
| | REL. HUM. % | 82 | 75 | 70 | 65 | 66 | 65 | 69 | 70 | 73 | 78 | 80 | 82 | 73 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.7 | 6.2 | 7.6 | 9.2 | 9.6 | 10.0 | 9.5 | 8.4 | 6.3 | 5.7 | 7.4 |
| 21 | DRY BULB °C | 3.3 | 3.1 | 4.8 | 6.9 | 9.9 | 13.4 | 13.5 | 13.4 | 12.0 | 9.6 | 5.2 | 3.5 | 8.2 |
| | WET BULB °C | 2.6 | 2.2 | 3.7 | 5.5 | 8.3 | 11.4 | 11.8 | 12.0 | 10.9 | 8.7 | 4.3 | 2.7 | 7.0 |
| | VAP. PRESS. MB | 6.9 | 6.6 | 7.2 | 8.1 | 9.7 | 12.0 | 12.6 | 13.0 | 12.3 | 10.7 | 7.8 | 7.0 | 9.5 |
| | REL. HUM. % | 87 | 84 | 82 | 80 | 80 | 78 | 81 | 84 | 87 | 87 | 86 | 86 | 83 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.6 | 6.3 | 7.4 | 9.1 | 9.5 | 9.8 | 9.4 | 8.2 | 6.1 | 5.5 | 7.3 |

MACHRIHANISH
N.O.R. 16/663226

ALTITUDE 10 METRES

1965 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.9 | 3.4 | 4.7 | 5.5 | 8.0 | 10.7 | 11.6 | 12.2 | 11.7 | 10.6 | 6.4 | 5.8 | 8.0 |
| | WET BULB °C | 4.2 | 2.5 | 3.8 | 4.6 | 7.2 | 10.0 | 10.9 | 11.3 | 10.9 | 9.6 | 5.4 | 4.8 | 7.1 |
| | VAP. PRESS. MB | 7.8 | 6.7 | 7.4 | 7.9 | 9.6 | 11.8 | 12.5 | 12.9 | 12.4 | 11.4 | 8.3 | 8.0 | 9.7 |
| | REL. HUM. % | 87 | 84 | 85 | 85 | 89 | 91 | 91 | 90 | 90 | 88 | 84 | 85 | 87 |
| | VAP. CONC. G/M ³ | 6.1 | 5.3 | 5.8 | 6.1 | 7.4 | 9.0 | 9.5 | 9.8 | 9.4 | 8.7 | 6.4 | 6.2 | 7.5 |
| 09 | DRY BULB °C | 5.1 | 3.6 | 5.6 | 7.2 | 10.1 | 13.5 | 13.6 | 14.3 | 13.1 | 11.2 | 6.8 | 5.9 | 9.2 |
| | WET BULB °C | 4.3 | 2.6 | 4.4 | 5.8 | 8.6 | 11.8 | 12.2 | 12.8 | 11.9 | 10.0 | 5.7 | 4.9 | 7.9 |
| | VAP. PRESS. MB | 7.8 | 6.8 | 7.6 | 8.2 | 10.1 | 12.6 | 13.1 | 13.6 | 12.9 | 11.5 | 8.5 | 8.0 | 10.1 |
| | REL. HUM. % | 87 | 83 | 82 | 80 | 81 | 81 | 84 | 83 | 85 | 85 | 84 | 85 | 83 |
| | VAP. CONC. G/M ³ | 6.1 | 5.3 | 5.9 | 6.3 | 7.7 | 9.5 | 9.9 | 10.3 | 9.8 | 8.8 | 6.6 | 6.2 | 7.7 |
| 15 | DRY BULB °C | 6.1 | 5.6 | 7.3 | 9.2 | 11.6 | 14.9 | 15.0 | 15.8 | 14.5 | 12.3 | 7.7 | 6.6 | 10.5 |
| | WET BULB °C | 5.1 | 4.1 | 5.6 | 7.1 | 9.6 | 12.6 | 13.0 | 13.6 | 12.6 | 10.7 | 6.3 | 5.4 | 8.8 |
| | VAP. PRESS. MB | 8.0 | 7.1 | 7.9 | 8.5 | 10.5 | 12.9 | 13.6 | 13.9 | 13.2 | 11.8 | 8.6 | 8.2 | 10.3 |
| | REL. HUM. % | 84 | 76 | 76 | 73 | 76 | 76 | 80 | 77 | 80 | 81 | 80 | 83 | 79 |
| | VAP. CONC. G/M ³ | 6.2 | 5.5 | 6.1 | 6.5 | 8.0 | 9.7 | 10.2 | 10.4 | 9.9 | 9.0 | 6.6 | 6.4 | 7.9 |
| 21 | DRY BULB °C | 5.1 | 3.8 | 5.3 | 6.5 | 9.2 | 12.5 | 12.9 | 13.2 | 12.3 | 10.8 | 6.5 | 6.0 | 8.7 |
| | WET BULB °C | 4.2 | 2.8 | 4.3 | 5.4 | 8.2 | 11.2 | 11.8 | 12.2 | 11.3 | 9.7 | 5.5 | 5.1 | 7.6 |
| | VAP. PRESS. MB | 7.8 | 6.8 | 7.7 | 8.2 | 10.1 | 12.4 | 13.0 | 13.4 | 12.7 | 11.4 | 8.3 | 8.1 | 10.0 |
| | REL. HUM. % | 87 | 83 | 84 | 83 | 86 | 86 | 87 | 88 | 88 | 87 | 84 | 85 | 86 |
| | VAP. CONC. G/M ³ | 6.1 | 5.3 | 6.0 | 6.4 | 7.8 | 9.4 | 9.9 | 10.1 | 9.6 | 8.7 | 6.4 | 6.3 | 7.7 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

PRESTWICK AIRPORT
N.G.R. 26/369261

ALTITUDE 16 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.1 | 2.4 | 3.6 | 4.9 | 7.2 | 10.2 | 11.2 | 11.5 | 10.8 | 9.0 | 4.9 | 3.5 | 6.9 |
| | WET BULB °C | 2.5 | 1.7 | 2.9 | 4.2 | 6.5 | 9.4 | 10.4 | 10.8 | 10.1 | 8.2 | 4.1 | 2.7 | 6.1 |
| | VAP. PRESS. MB | 7.0 | 6.5 | 7.1 | 7.8 | 9.2 | 11.3 | 12.2 | 12.5 | 11.9 | 10.5 | 7.8 | 7.1 | 9.2 |
| | REL. HUM. % | 88 | 87 | 86 | 88 | 89 | 90 | 91 | 91 | 91 | 89 | 88 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.6 | 6.1 | 7.1 | 8.6 | 9.3 | 9.5 | 9.1 | 8.1 | 6.1 | 5.6 | 7.1 |
| 09 | DRY BULB °C | 3.2 | 2.6 | 4.7 | 7.6 | 10.6 | 13.9 | 13.9 | 14.2 | 12.8 | 10.1 | 5.2 | 3.5 | 8.5 |
| | WET BULB °C | 2.5 | 1.8 | 3.7 | 6.0 | 8.8 | 11.9 | 12.2 | 12.6 | 11.5 | 9.1 | 4.4 | 2.8 | 7.3 |
| | VAP. PRESS. MB | 7.0 | 6.5 | 7.2 | 8.3 | 9.9 | 12.4 | 12.9 | 13.4 | 12.6 | 10.9 | 8.0 | 7.1 | 9.7 |
| | REL. HUM. % | 88 | 86 | 82 | 78 | 78 | 78 | 81 | 83 | 85 | 86 | 88 | 88 | 83 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.6 | 6.4 | 7.6 | 9.4 | 9.7 | 10.1 | 9.6 | 8.3 | 6.2 | 5.6 | 7.4 |
| 15 | DRY BULB °C | 5.1 | 5.5 | 7.4 | 9.9 | 12.5 | 15.8 | 15.8 | 16.4 | 14.7 | 12.1 | 7.4 | 5.0 | 10.6 |
| | WET BULB °C | 4.0 | 3.9 | 5.4 | 7.3 | 9.9 | 12.9 | 13.2 | 13.7 | 12.5 | 10.3 | 6.0 | 4.0 | 8.6 |
| | VAP. PRESS. MB | 7.4 | 7.0 | 7.5 | 8.4 | 10.2 | 12.6 | 13.2 | 13.6 | 12.7 | 11.2 | 8.4 | 7.5 | 10.0 |
| | REL. HUM. % | 83 | 76 | 72 | 68 | 71 | 71 | 74 | 73 | 76 | 79 | 80 | 84 | 76 |
| | VAP. CONC. G/M ³ | 5.8 | 5.4 | 5.8 | 6.4 | 7.7 | 9.5 | 9.9 | 10.2 | 9.6 | 8.5 | 6.5 | 5.8 | 7.6 |
| 21 | DRY BULB °C | 3.4 | 3.1 | 4.6 | 6.6 | 9.5 | 12.8 | 13.1 | 13.0 | 11.8 | 9.5 | 5.3 | 3.9 | 8.1 |
| | WET BULB °C | 2.7 | 2.2 | 3.6 | 5.5 | 8.2 | 11.3 | 11.8 | 11.9 | 10.8 | 8.6 | 4.5 | 3.1 | 7.0 |
| | VAP. PRESS. MB | 7.1 | 6.6 | 7.3 | 8.2 | 9.9 | 12.3 | 12.9 | 13.2 | 12.3 | 10.7 | 8.0 | 7.3 | 9.7 |
| | REL. HUM. % | 88 | 85 | 84 | 83 | 83 | 83 | 85 | 87 | 88 | 88 | 87 | 87 | 86 |
| | VAP. CONC. G/M ³ | 5.6 | 5.2 | 5.7 | 6.4 | 7.6 | 9.3 | 9.8 | 10.0 | 9.4 | 8.2 | 6.2 | 5.7 | 7.4 |

TIREE
N.G.R. 07/999446

ALTITUDE 9 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 5.1 | 4.2 | 5.0 | 5.8 | 7.9 | 10.5 | 11.4 | 11.8 | 11.6 | 10.2 | 6.8 | 5.7 | 8.0 |
| | WET BULB °C | 4.2 | 3.3 | 4.1 | 5.0 | 7.2 | 9.9 | 10.7 | 11.1 | 10.8 | 9.4 | 5.7 | 4.7 | 7.2 |
| | VAP. PRESS. MB | 7.6 | 7.1 | 7.7 | 8.3 | 9.7 | 11.8 | 12.5 | 12.8 | 12.4 | 11.3 | 8.5 | 7.9 | 9.8 |
| | REL. HUM. % | 85 | 83 | 86 | 88 | 90 | 92 | 92 | 92 | 90 | 89 | 84 | 84 | 88 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 6.0 | 6.5 | 7.5 | 9.0 | 9.5 | 9.7 | 9.4 | 8.6 | 6.6 | 6.1 | 7.5 |
| 09 | DRY BULB °C | 5.1 | 4.5 | 5.8 | 7.6 | 10.0 | 12.7 | 13.2 | 13.6 | 12.7 | 10.9 | 7.0 | 5.7 | 9.1 |
| | WET BULB °C | 4.2 | 3.5 | 4.8 | 6.4 | 8.7 | 11.4 | 11.9 | 12.4 | 11.6 | 9.9 | 5.9 | 4.7 | 7.9 |
| | VAP. PRESS. MB | 7.7 | 7.2 | 7.9 | 8.7 | 10.3 | 12.6 | 13.0 | 13.5 | 12.8 | 11.5 | 8.6 | 7.9 | 10.1 |
| | REL. HUM. % | 85 | 83 | 84 | 82 | 83 | 85 | 86 | 86 | 86 | 87 | 84 | 84 | 85 |
| | VAP. CONC. G/M ³ | 6.0 | 5.6 | 6.1 | 6.7 | 7.9 | 9.6 | 9.8 | 10.2 | 9.7 | 8.8 | 6.7 | 6.1 | 7.8 |
| 15 | DRY BULB °C | 6.0 | 5.8 | 7.2 | 9.1 | 11.2 | 14.0 | 14.3 | 14.8 | 13.5 | 11.6 | 7.8 | 6.3 | 10.1 |
| | WET BULB °C | 4.8 | 4.4 | 5.7 | 7.3 | 9.5 | 12.2 | 12.6 | 13.0 | 12.0 | 10.3 | 6.5 | 5.1 | 8.6 |
| | VAP. PRESS. MB | 7.8 | 7.3 | 8.0 | 8.9 | 10.6 | 12.8 | 13.3 | 13.6 | 12.9 | 11.6 | 8.8 | 8.1 | 10.3 |
| | REL. HUM. % | 82 | 78 | 78 | 76 | 79 | 80 | 82 | 81 | 83 | 84 | 81 | 83 | 81 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.2 | 6.8 | 8.1 | 9.7 | 10.0 | 10.2 | 9.8 | 8.8 | 6.8 | 6.3 | 7.9 |
| 21 | DRY BULB °C | 5.1 | 4.5 | 5.3 | 6.5 | 8.9 | 11.7 | 12.2 | 12.3 | 11.8 | 10.4 | 6.9 | 5.8 | 8.5 |
| | WET BULB °C | 4.1 | 3.5 | 4.4 | 5.6 | 8.0 | 10.8 | 11.3 | 11.5 | 10.9 | 9.4 | 5.8 | 4.7 | 7.5 |
| | VAP. PRESS. MB | 7.6 | 7.2 | 7.8 | 8.5 | 10.1 | 12.3 | 12.7 | 13.0 | 12.5 | 11.2 | 8.5 | 7.9 | 9.9 |
| | REL. HUM. % | 85 | 83 | 85 | 87 | 88 | 89 | 89 | 90 | 90 | 87 | 84 | 83 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 6.1 | 6.6 | 7.8 | 9.4 | 9.6 | 9.9 | 9.5 | 8.6 | 6.6 | 6.1 | 7.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

2 ENGLAND EAST & NORTH EAST

1961 - 70

ACKLINGTON

N.G.R. 46/225007

ALTITUDE

42 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.6 | 2.1 | 3.1 | 4.4 | 6.6 | 9.4 | 10.7 | 11.0 | 10.4 | 8.4 | 4.8 | 2.8 | 6.4 |
| | WET BULB °C | 2.0 | 1.3 | 2.3 | 3.8 | 6.0 | 8.8 | 10.1 | 10.5 | 9.8 | 7.7 | 4.1 | 2.1 | 5.7 |
| | VAP. PRESS. MB | 6.6 | 6.3 | 6.7 | 7.6 | 9.0 | 10.9 | 12.0 | 12.4 | 11.8 | 10.2 | 7.8 | 6.7 | 9.0 |
| | REL. HUM. % | 88 | 86 | 86 | 89 | 91 | 92 | 92 | 93 | 92 | 91 | 89 | 87 | 90 |
| | VAP. CONC. G/M ³ | 5.2 | 5.0 | 5.3 | 5.9 | 7.0 | 8.4 | 9.2 | 9.5 | 9.0 | 7.9 | 6.1 | 5.3 | 7.0 |
| 09 | DRY BULB °C | 2.7 | 2.3 | 4.5 | 7.3 | 10.3 | 13.8 | 14.4 | 14.4 | 12.9 | 9.8 | 5.0 | 2.6 | 8.3 |
| | WET BULB °C | 2.0 | 1.5 | 3.3 | 5.8 | 8.5 | 11.8 | 12.4 | 12.7 | 11.5 | 8.8 | 4.3 | 1.9 | 7.0 |
| | VAP. PRESS. MB | 6.6 | 6.3 | 6.9 | 8.2 | 9.8 | 12.3 | 12.9 | 13.5 | 12.6 | 10.7 | 7.9 | 6.6 | 9.5 |
| | REL. HUM. % | 88 | 86 | 81 | 79 | 78 | 78 | 78 | 82 | 84 | 87 | 88 | 87 | 83 |
| | VAP. CONC. G/M ³ | 5.2 | 5.0 | 5.4 | 6.3 | 7.5 | 9.3 | 9.7 | 10.2 | 9.6 | 8.2 | 6.2 | 5.2 | 7.3 |
| 15 | DRY BULB °C | 4.4 | 4.7 | 6.8 | 8.9 | 11.6 | 15.0 | 15.7 | 16.0 | 14.9 | 12.1 | 6.9 | 4.2 | 10.1 |
| | WET BULB °C | 3.4 | 3.3 | 4.8 | 6.8 | 9.3 | 12.4 | 13.2 | 13.6 | 12.6 | 10.2 | 5.7 | 3.2 | 8.2 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.1 | 8.3 | 10.0 | 12.4 | 13.2 | 13.7 | 12.9 | 11.1 | 8.4 | 7.0 | 9.8 |
| | REL. HUM. % | 84 | 77 | 71 | 72 | 73 | 73 | 74 | 76 | 76 | 78 | 83 | 83 | 77 |
| | VAP. CONC. G/M ³ | 5.5 | 5.2 | 5.5 | 6.4 | 7.6 | 9.3 | 9.9 | 10.3 | 9.7 | 8.4 | 6.5 | 5.5 | 7.5 |
| 21 | DRY BULB °C | 3.0 | 2.6 | 3.9 | 5.5 | 8.4 | 11.7 | 12.5 | 12.4 | 11.3 | 9.0 | 5.0 | 3.0 | 7.4 |
| | WET BULB °C | 2.3 | 1.8 | 2.9 | 4.7 | 7.4 | 10.5 | 11.5 | 11.6 | 10.5 | 8.2 | 4.3 | 2.2 | 6.5 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 6.9 | 8.0 | 9.7 | 11.9 | 12.9 | 13.1 | 12.2 | 10.4 | 7.9 | 6.7 | 9.4 |
| | REL. HUM. % | 88 | 85 | 84 | 87 | 87 | 87 | 88 | 91 | 90 | 89 | 88 | 86 | 87 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.4 | 6.2 | 7.5 | 9.1 | 9.8 | 9.9 | 9.3 | 8.0 | 6.2 | 5.3 | 7.3 |

KILNSEA

1961 - 70

N.G.R. 54/417161

ALTITUDE

12 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.1 | 3.1 | 3.8 | 5.7 | 8.4 | 11.3 | 13.0 | 13.2 | 12.4 | 10.3 | 6.4 | 3.7 | 7.9 |
| | WET BULB °C | 2.5 | 2.4 | 3.0 | 5.1 | 7.7 | 10.6 | 12.1 | 12.5 | 11.6 | 9.5 | 5.7 | 3.1 | 7.1 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.1 | 8.4 | 10.0 | 12.2 | 13.6 | 13.9 | 13.1 | 11.5 | 8.7 | 7.2 | 9.9 |
| | REL. HUM. % | 90 | 87 | 87 | 90 | 90 | 91 | 90 | 91 | 90 | 90 | 89 | 89 | 89 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.6 | 6.5 | 7.7 | 9.3 | 10.3 | 10.5 | 9.9 | 8.8 | 6.7 | 5.6 | 7.6 |
| 09 | DRY BULB °C | 3.1 | 3.0 | 4.4 | 7.0 | 10.2 | 13.4 | 14.8 | 14.7 | 13.4 | 10.7 | 6.5 | 3.7 | 8.7 |
| | WET BULB °C | 2.5 | 2.3 | 3.5 | 6.0 | 8.8 | 11.8 | 13.1 | 13.4 | 12.2 | 9.9 | 5.7 | 3.0 | 7.7 |
| | VAP. PRESS. MB | 6.9 | 6.7 | 7.2 | 8.6 | 10.4 | 12.7 | 13.9 | 14.4 | 13.3 | 11.6 | 8.7 | 7.2 | 10.1 |
| | REL. HUM. % | 89 | 87 | 85 | 85 | 83 | 83 | 82 | 86 | 86 | 88 | 88 | 88 | 86 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.6 | 6.7 | 8.0 | 9.6 | 10.5 | 10.8 | 10.1 | 8.9 | 6.7 | 5.6 | 7.8 |
| 15 | DRY BULB °C | 4.3 | 4.6 | 6.6 | 8.5 | 11.3 | 14.8 | 16.1 | 16.3 | 15.7 | 12.9 | 7.8 | 4.7 | 10.3 |
| | WET BULB °C | 3.5 | 3.5 | 4.9 | 7.0 | 9.5 | 12.7 | 13.9 | 14.3 | 13.4 | 11.2 | 6.7 | 3.9 | 8.7 |
| | VAP. PRESS. MB | 7.3 | 7.1 | 7.5 | 8.9 | 10.6 | 13.1 | 14.2 | 14.8 | 13.7 | 12.1 | 9.1 | 7.5 | 10.5 |
| | REL. HUM. % | 86 | 83 | 77 | 80 | 79 | 78 | 78 | 80 | 77 | 81 | 84 | 86 | 81 |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 5.8 | 6.9 | 8.1 | 9.9 | 10.6 | 11.1 | 10.3 | 9.2 | 7.0 | 5.9 | 8.0 |
| 21 | DRY BULB °C | 3.5 | 3.6 | 4.8 | 6.7 | 9.6 | 12.9 | 14.4 | 14.5 | 13.5 | 11.2 | 6.9 | 3.9 | 8.8 |
| | WET BULB °C | 2.9 | 2.8 | 3.8 | 5.9 | 8.6 | 11.6 | 13.1 | 13.3 | 12.4 | 10.2 | 6.0 | 3.2 | 7.8 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.4 | 8.7 | 10.4 | 12.8 | 14.1 | 14.4 | 13.5 | 11.8 | 8.8 | 7.2 | 10.3 |
| | REL. HUM. % | 89 | 86 | 85 | 88 | 86 | 86 | 86 | 87 | 86 | 88 | 88 | 88 | 87 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.8 | 6.7 | 8.0 | 9.7 | 10.6 | 10.9 | 10.2 | 9.0 | 6.8 | 5.6 | 7.9 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

LEEMING #

1961 - 70

N.G.R. 44/307890

ALTITUDE

32 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.4 | 2.1 | 3.2 | 5.1 | 7.5 | 10.4 | 11.8 | 12.0 | 10.8 | 8.8 | 4.9 | 2.6 | 6.8 |
| | WET BULB °C | 1.7 | 1.4 | 2.3 | 4.3 | 6.7 | 9.5 | 10.9 | 11.2 | 10.0 | 8.0 | 4.1 | 1.8 | 6.0 |
| | VAP. PRESS. MB | 6.6 | 6.3 | 6.7 | 7.8 | 9.2 | 11.3 | 12.4 | 12.8 | 11.8 | 10.3 | 7.8 | 6.6 | 9.1 |
| | REL. HUM. % | 88 | 86 | 85 | 87 | 88 | 89 | 89 | 90 | 90 | 89 | 87 | 86 | 88 |
| | VAP. CONC. G/M ³ | 5.2 | 5.0 | 5.3 | 6.1 | 7.1 | 8.6 | 9.4 | 9.7 | 9.0 | 7.9 | 6.1 | 5.2 | 7.1 |
| 09 | DRY BULB °C | 2.3 | 2.3 | 4.4 | 7.5 | 10.8 | 14.4 | 15.2 | 14.9 | 13.0 | 9.8 | 5.0 | 2.4 | 8.5 |
| | WET BULB °C | 1.6 | 1.5 | 3.2 | 5.9 | 8.8 | 12.1 | 12.9 | 13.0 | 11.6 | 8.7 | 4.2 | 1.6 | 7.1 |
| | VAP. PRESS. MB | 6.5 | 6.4 | 6.9 | 8.2 | 9.9 | 12.3 | 13.1 | 13.7 | 12.6 | 10.6 | 7.8 | 6.4 | 9.5 |
| | REL. HUM. % | 87 | 86 | 80 | 78 | 76 | 75 | 75 | 80 | 84 | 86 | 87 | 86 | 82 |
| | VAP. CONC. G/M ³ | 5.1 | 5.0 | 5.4 | 5.3 | 7.6 | 9.3 | 9.9 | 10.3 | 9.5 | 8.1 | 6.1 | 5.0 | 7.3 |
| 15 | DRY BULB °C | 4.5 | 5.2 | 7.6 | 10.5 | 13.9 | 17.8 | 17.9 | 18.0 | 16.4 | 13.0 | 7.4 | 4.3 | 11.4 |
| | WET BULB °C | 3.3 | 3.6 | 5.3 | 7.7 | 10.5 | 13.6 | 14.2 | 14.5 | 13.2 | 10.7 | 6.0 | 3.1 | 8.8 |
| | VAP. PRESS. MB | 7.0 | 6.8 | 7.1 | 8.5 | 10.1 | 12.5 | 13.4 | 13.9 | 12.9 | 11.1 | 8.4 | 6.9 | 9.9 |
| | REL. HUM. % | 81 | 75 | 68 | 67 | 64 | 62 | 66 | 67 | 69 | 74 | 80 | 82 | 71 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.5 | 6.5 | 7.6 | 9.3 | 10.0 | 10.4 | 9.7 | 8.4 | 6.5 | 5.4 | 7.5 |
| 21 | DRY BULB °C | 2.9 | 2.9 | 4.5 | 6.9 | 10.0 | 13.6 | 14.2 | 14.0 | 12.5 | 9.9 | 5.4 | 2.9 | 8.3 |
| | WET BULB °C | 2.1 | 2.0 | 3.3 | 5.7 | 8.5 | 11.7 | 12.5 | 12.6 | 11.2 | 8.8 | 4.5 | 2.1 | 7.1 |
| | VAP. PRESS. MB | 6.7 | 6.5 | 7.0 | 8.4 | 10.0 | 12.3 | 13.3 | 13.5 | 12.5 | 10.7 | 7.9 | 6.7 | 9.6 |
| | REL. HUM. % | 87 | 84 | 82 | 82 | 80 | 78 | 81 | 84 | 85 | 86 | 86 | 86 | 83 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.5 | 6.5 | 7.7 | 9.3 | 10.0 | 10.2 | 9.5 | 8.2 | 6.1 | 5.3 | 7.4 |

MANBY

1961 - 70

N.G.R. 53/393867

ALTITUDE

14 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.5 | 2.3 | 3.0 | 5.1 | 7.5 | 10.2 | 11.8 | 12.0 | 11.1 | 9.0 | 5.3 | 2.8 | 6.9 |
| | WET BULB °C | 2.0 | 1.7 | 2.3 | 4.6 | 7.0 | 9.6 | 11.2 | 11.5 | 10.5 | 8.5 | 4.7 | 2.3 | 6.3 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 6.8 | 8.2 | 9.7 | 11.7 | 13.0 | 13.3 | 12.5 | 10.9 | 8.3 | 7.0 | 9.6 |
| | REL. HUM. % | 90 | 89 | 88 | 91 | 92 | 93 | 93 | 93 | 93 | 93 | 91 | 90 | 91 |
| | VAP. CONC. G/M ³ | 5.3 | 5.2 | 5.3 | 6.4 | 7.5 | 9.0 | 9.9 | 10.1 | 9.5 | 8.4 | 6.5 | 5.5 | 7.4 |
| 09 | DRY BULB °C | 2.6 | 2.7 | 4.8 | 8.1 | 11.4 | 15.0 | 16.0 | 15.6 | 14.1 | 10.6 | 5.7 | 2.9 | 9.1 |
| | WET BULB °C | 2.0 | 2.1 | 3.7 | 6.7 | 9.6 | 12.7 | 13.7 | 13.8 | 12.6 | 9.8 | 5.1 | 2.3 | 7.8 |
| | VAP. PRESS. MB | 6.8 | 6.7 | 7.3 | 8.8 | 10.6 | 13.0 | 14.1 | 14.5 | 13.6 | 11.6 | 8.5 | 7.0 | 10.2 |
| | REL. HUM. % | 90 | 88 | 83 | 81 | 78 | 76 | 77 | 81 | 84 | 90 | 90 | 90 | 84 |
| | VAP. CONC. G/M ³ | 5.3 | 5.3 | 5.7 | 6.8 | 8.1 | 9.8 | 10.6 | 10.9 | 10.3 | 8.9 | 6.6 | 5.5 | 7.8 |
| 15 | DRY BULB °C | 4.4 | 5.0 | 7.6 | 10.1 | 13.3 | 17.1 | 17.9 | 17.8 | 16.8 | 13.4 | 7.8 | 4.4 | 11.3 |
| | WET BULB °C | 3.5 | 3.8 | 5.5 | 7.8 | 10.6 | 13.8 | 14.7 | 14.7 | 13.8 | 11.4 | 6.6 | 3.6 | 9.1 |
| | VAP. PRESS. MB | 7.3 | 7.2 | 7.5 | 9.0 | 10.8 | 13.3 | 14.3 | 14.5 | 13.6 | 12.0 | 9.0 | 7.4 | 10.5 |
| | REL. HUM. % | 85 | 80 | 72 | 72 | 71 | 69 | 70 | 71 | 71 | 77 | 84 | 87 | 76 |
| | VAP. CONC. G/M ³ | 5.7 | 5.6 | 5.8 | 6.9 | 8.2 | 9.9 | 10.7 | 10.8 | 10.2 | 9.1 | 6.9 | 5.8 | 8.0 |
| 21 | DRY BULB °C | 2.9 | 2.9 | 4.0 | 6.4 | 9.3 | 12.4 | 13.7 | 13.5 | 12.3 | 9.9 | 5.7 | 2.9 | 8.0 |
| | WET BULB °C | 2.3 | 2.2 | 3.1 | 5.6 | 8.3 | 11.3 | 12.6 | 12.6 | 11.4 | 9.2 | 5.1 | 2.4 | 7.2 |
| | VAP. PRESS. MB | 6.9 | 6.7 | 7.1 | 8.6 | 10.2 | 12.6 | 13.9 | 13.9 | 12.9 | 11.3 | 8.4 | 7.0 | 10.0 |
| | REL. HUM. % | 90 | 88 | 85 | 88 | 87 | 87 | 88 | 89 | 89 | 91 | 90 | 90 | 89 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.6 | 6.7 | 7.8 | 9.6 | 10.5 | 10.5 | 9.8 | 8.7 | 6.5 | 5.5 | 7.7 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

TYNEMOUTH

1961 - 70

N.G.R. 45/374695

ALTITUDE

29 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.7 | 3.2 | 4.1 | 5.7 | - | 10.9 | - | 12.4 | - | - | - | 3.8 | - |
| | WET BULB °C | 2.8 | 2.2 | 3.1 | 4.7 | - | 9.9 | - | 11.5 | - | - | - | 2.9 | - |
| | VAP. PRESS. MB | 6.9 | 6.5 | 6.9 | 7.9 | - | 11.5 | - | 13.0 | - | - | - | 7.0 | - |
| | REL. HUM. % | 85 | 83 | 83 | 85 | - | 88 | - | 89 | - | - | - | 85 | - |
| | VAP. CONC. G/M ³ | 5.4 | 5.1 | 5.4 | 6.1 | - | 8.8 | - | 9.9 | - | - | - | 5.5 | - |
| 09 | DRY BULB °C | 3.5 | 3.1 | 4.6 | 6.9 | 9.6 | 13.0 | 14.0 | 13.9 | 12.8 | 10.1 | 6.0 | 3.5 | 8.4 |
| | WET BULB °C | 2.6 | 2.1 | 3.3 | 5.6 | 8.0 | 11.2 | 12.0 | 12.4 | 11.4 | 9.0 | 5.1 | 2.6 | 7.1 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.9 | 8.1 | 9.6 | 11.9 | 12.6 | 13.3 | 12.4 | 10.7 | 8.2 | 6.9 | 9.5 |
| | REL. HUM. % | 85 | 83 | 80 | 81 | 80 | 80 | 79 | 83 | 83 | 85 | 86 | 85 | 83 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.4 | 6.3 | 7.4 | 9.0 | 9.5 | 10.0 | 9.4 | 8.2 | 6.4 | 5.4 | 7.3 |
| 15 | DRY BULB °C | 4.9 | 4.9 | 6.7 | 8.3 | 10.7 | 14.2 | 15.1 | 15.4 | 14.8 | 12.3 | 7.4 | 4.9 | 10.0 |
| | WET BULB °C | 3.7 | 3.5 | 4.7 | 6.4 | 8.7 | 11.8 | 12.8 | 13.2 | 12.4 | 10.3 | 6.2 | 3.7 | 8.1 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.1 | 8.2 | 9.8 | 12.0 | 13.0 | 13.6 | 12.6 | 11.0 | 8.6 | 7.2 | 9.8 |
| | REL. HUM. % | 82 | 78 | 73 | 76 | 77 | 75 | 76 | 78 | 75 | 76 | 82 | 81 | 77 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 6.3 | 7.5 | 9.1 | 9.8 | 10.2 | 9.5 | 8.4 | 6.6 | 5.6 | 7.5 |
| 21 | DRY BULB °C | 4.1 | 3.8 | 5.2 | 6.8 | 9.4 | 12.8 | 13.7 | 13.8 | 12.9 | 10.6 | 6.4 | 4.1 | 8.6 |
| | WET BULB °C | 3.2 | 2.8 | 3.9 | 5.6 | 8.1 | 11.1 | 12.1 | 12.5 | 11.5 | 9.4 | 5.4 | 3.1 | 7.4 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.1 | 8.2 | 9.8 | 12.0 | 12.9 | 13.4 | 12.5 | 10.9 | 8.4 | 7.0 | 9.7 |
| | REL. HUM. % | 84 | 82 | 80 | 82 | 83 | 82 | 82 | 85 | 83 | 84 | 86 | 84 | 83 |
| | VAP. CONC. G/M ³ | 5.6 | 5.2 | 5.5 | 6.4 | 7.5 | 9.1 | 9.8 | 10.1 | 9.5 | 8.3 | 6.5 | 5.5 | 7.4 |

WADDINGTON

1961 - 70

N.G.R. 43/988653

ALTITUDE

68 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.2 | 2.0 | 3.0 | 5.2 | 7.6 | 10.6 | 12.0 | 12.0 | 11.1 | 8.8 | 4.9 | 2.5 | 6.8 |
| | WET BULB °C | 1.7 | 1.4 | 2.3 | 4.6 | 6.9 | 9.8 | 11.2 | 11.4 | 10.4 | 8.2 | 4.3 | 1.9 | 6.2 |
| | VAP. PRESS. MB | 6.7 | 6.5 | 6.8 | 8.1 | 9.5 | 11.6 | 12.9 | 13.0 | 12.2 | 10.7 | 8.1 | 6.8 | 9.4 |
| | REL. HUM. % | 90 | 89 | 87 | 90 | 90 | 90 | 91 | 92 | 91 | 92 | 91 | 90 | 90 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.3 | 6.3 | 7.3 | 8.9 | 9.8 | 9.9 | 9.3 | 8.2 | 6.3 | 5.3 | 7.3 |
| 09 | DRY BULB °C | 2.2 | 2.3 | 4.2 | 7.5 | 11.1 | 14.6 | 15.4 | 15.0 | 13.2 | 9.9 | 5.2 | 2.4 | 8.6 |
| | WET BULB °C | 1.7 | 1.7 | 3.2 | 6.2 | 9.3 | 12.4 | 13.3 | 13.3 | 11.9 | 9.1 | 4.6 | 1.9 | 7.4 |
| | VAP. PRESS. MB | 6.7 | 6.6 | 7.0 | 8.6 | 10.4 | 12.7 | 13.7 | 14.0 | 13.0 | 11.1 | 8.2 | 6.8 | 9.9 |
| | REL. HUM. % | 90 | 88 | 84 | 81 | 78 | 76 | 78 | 82 | 85 | 89 | 90 | 90 | 84 |
| | VAP. CONC. G/M ³ | 5.3 | 5.2 | 5.5 | 6.6 | 7.9 | 9.6 | 10.3 | 10.5 | 9.8 | 8.5 | 6.4 | 5.4 | 7.6 |
| 15 | DRY BULB °C | 4.1 | 4.9 | 7.6 | 10.4 | 14.0 | 17.9 | 18.1 | 18.1 | 16.6 | 13.2 | 7.3 | 4.0 | 11.3 |
| | WET BULB °C | 3.2 | 3.5 | 5.2 | 7.8 | 10.8 | 14.0 | 14.5 | 14.6 | 13.4 | 11.0 | 6.2 | 3.2 | 8.9 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.2 | 8.6 | 10.6 | 13.0 | 13.8 | 14.0 | 13.0 | 11.6 | 8.8 | 7.2 | 10.2 |
| | REL. HUM. % | 85 | 80 | 69 | 68 | 66 | 64 | 67 | 68 | 69 | 76 | 84 | 87 | 74 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.6 | 6.6 | 8.0 | 9.7 | 10.3 | 10.4 | 9.7 | 8.8 | 6.8 | 5.6 | 7.7 |
| 21 | DRY BULB °C | 2.7 | 2.8 | 4.3 | 6.7 | 9.9 | 13.3 | 14.3 | 14.0 | 12.6 | 10.0 | 5.4 | 2.8 | 8.2 |
| | WET BULB °C | 2.2 | 2.0 | 3.2 | 5.7 | 8.5 | 11.6 | 12.8 | 12.6 | 11.3 | 9.1 | 4.8 | 2.2 | 7.2 |
| | VAP. PRESS. MB | 6.9 | 6.7 | 7.0 | 8.5 | 10.2 | 12.5 | 13.7 | 13.6 | 12.6 | 11.1 | 8.3 | 6.9 | 9.8 |
| | REL. HUM. % | 90 | 87 | 83 | 85 | 83 | 81 | 83 | 84 | 85 | 89 | 90 | 90 | 86 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.5 | 6.6 | 7.8 | 9.5 | 10.3 | 10.3 | 9.6 | 8.5 | 6.5 | 5.4 | 7.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

WHITBY.

1962 - 70

N.G.R. 45/904115

ALTITUDE 60 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | WET BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. PRESS. MB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | REL. HUM. % | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. CONC. G/M ³ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 09 | DRY BULB °C | 3.3 | 2.7 | 4.2 | 6.9 | 9.8 | 13.1 | 14.2 | 14.2 | 12.7 | 10.1 | 5.9 | 3.8 | 8.4 |
| | WET BULB °C | 2.5 | 1.8 | 3.1 | 5.6 | 8.4 | 11.5 | 12.5 | 12.8 | 11.4 | 9.0 | 5.0 | 3.0 | 7.2 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 6.9 | 8.2 | 10.0 | 12.4 | 13.3 | 13.7 | 12.6 | 10.8 | 8.2 | 7.1 | 9.7 |
| | REL. HUM. % | 86 | 85 | 82 | 82 | 83 | 82 | 82 | 84 | 85 | 86 | 87 | 87 | 84 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.4 | 6.3 | 7.7 | 9.4 | 10.0 | 10.3 | 9.6 | 8.3 | 6.4 | 5.6 | 7.4 |
| 15 | DRY BULB °C | 4.9 | 4.5 | 6.3 | 8.4 | 11.1 | 14.6 | 15.4 | 15.8 | 15.0 | 12.5 | 7.7 | 5.0 | 10.1 |
| | WET BULB °C | 3.8 | 3.2 | 4.5 | 6.6 | 9.2 | 12.4 | 13.3 | 13.6 | 12.7 | 10.5 | 6.4 | 3.9 | 8.3 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.1 | 8.5 | 10.2 | 12.7 | 13.7 | 13.9 | 13.0 | 11.3 | 8.7 | 7.3 | 10.0 |
| | REL. HUM. % | 82 | 80 | 75 | 77 | 78 | 77 | 79 | 78 | 77 | 77 | 82 | 83 | 79 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 6.5 | 7.8 | 9.6 | 10.3 | 10.4 | 9.8 | 8.6 | 6.7 | 5.7 | 7.7 |
| 21 | DRY BULB °C | 3.9 | 3.3 | 4.5 | 6.4 | 9.3 | 12.7 | 13.7 | 13.6 | 12.4 | 10.2 | 6.2 | 4.1 | 8.4 |
| | WET BULB °C | 3.0 | 2.3 | 3.4 | 5.3 | 8.1 | 11.2 | 12.3 | 12.3 | 11.1 | 9.2 | 5.3 | 3.3 | 7.2 |
| | VAP. PRESS. MB | 7.0 | 6.5 | 7.0 | 8.1 | 9.9 | 12.2 | 13.2 | 13.4 | 12.3 | 11.0 | 8.4 | 7.2 | 9.7 |
| | REL. HUM. % | 86 | 83 | 82 | 84 | 84 | 83 | 84 | 86 | 85 | 87 | 86 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.5 | 6.3 | 7.6 | 9.3 | 10.0 | 10.1 | 9.3 | 8.4 | 6.5 | 5.6 | 7.4 |

3 EAST ANGLIA

1961 - 70

CARDINGTON

N.G.R. 52/081464

ALTITUDE 29 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.4 | 2.4 | 2.8 | 5.1 | 7.6 | 10.0 | 11.8 | 11.8 | 10.7 | 8.8 | 5.2 | 2.6 | 6.6 |
| | WET BULB °C | 1.9 | 1.8 | 2.2 | 4.5 | 7.0 | 9.5 | 11.2 | 11.2 | 10.1 | 8.3 | 4.6 | 2.1 | 6.2 |
| | VAP. PRESS. MB | 7.0 | 6.8 | 6.9 | 8.2 | 9.7 | 11.6 | 13.0 | 13.1 | 12.2 | 10.8 | 8.3 | 7.0 | 9.5 |
| | REL. HUM. % | 91 | 90 | 89 | 91 | 92 | 93 | 93 | 94 | 94 | 93 | 91 | 91 | 92 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.4 | 6.4 | 7.5 | 8.9 | 9.9 | 10.0 | 9.3 | 8.3 | 6.5 | 5.5 | 7.4 |
| 09 | DRY BULB °C | 2.5 | 2.9 | 4.8 | 8.3 | 12.1 | 15.5 | 16.3 | 15.9 | 14.0 | 10.6 | 5.7 | 2.7 | 9.3 |
| | WET BULB °C | 2.0 | 2.2 | 3.7 | 6.8 | 9.9 | 12.8 | 13.8 | 13.9 | 12.5 | 9.7 | 5.1 | 2.2 | 7.9 |
| | VAP. PRESS. MB | 7.0 | 6.9 | 7.3 | 8.8 | 10.6 | 12.8 | 14.0 | 14.3 | 13.4 | 11.5 | 8.5 | 7.1 | 10.2 |
| | REL. HUM. % | 91 | 89 | 83 | 80 | 74 | 73 | 75 | 79 | 84 | 89 | 91 | 91 | 83 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.7 | 6.8 | 8.1 | 9.6 | 10.5 | 10.7 | 10.1 | 8.8 | 6.6 | 5.6 | 7.8 |
| 15 | DRY BULB °C | 4.8 | 5.7 | 8.7 | 11.6 | 15.0 | 18.9 | 19.5 | 19.5 | 17.8 | 14.2 | 8.2 | 4.8 | 12.4 |
| | WET BULB °C | 3.7 | 4.1 | 5.9 | 8.4 | 11.2 | 14.3 | 15.1 | 15.0 | 14.1 | 11.6 | 6.9 | 3.9 | 9.5 |
| | VAP. PRESS. MB | 7.4 | 7.1 | 7.2 | 8.6 | 10.4 | 12.8 | 13.8 | 13.7 | 13.2 | 11.8 | 9.0 | 7.6 | 10.2 |
| | REL. HUM. % | 84 | 76 | 65 | 64 | 62 | 60 | 61 | 61 | 65 | 72 | 81 | 86 | 70 |
| | VAP. CONC. G/M ³ | 5.8 | 5.5 | 5.5 | 6.5 | 7.8 | 9.5 | 10.2 | 10.1 | 9.8 | 8.9 | 6.9 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 2.9 | 3.0 | 4.5 | 7.3 | 10.5 | 13.7 | 14.9 | 14.4 | 12.7 | 10.0 | 5.8 | 2.9 | 8.5 |
| | WET BULB °C | 2.4 | 2.4 | 3.5 | 6.1 | 9.0 | 12.1 | 13.3 | 12.9 | 11.6 | 9.2 | 5.1 | 2.3 | 7.5 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.2 | 8.7 | 10.5 | 12.9 | 14.1 | 13.9 | 12.9 | 11.2 | 8.5 | 7.1 | 10.1 |
| | REL. HUM. % | 90 | 88 | 84 | 83 | 82 | 81 | 83 | 84 | 87 | 90 | 90 | 91 | 86 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.6 | 6.7 | 8.0 | 9.8 | 10.6 | 10.5 | 9.8 | 8.6 | 6.6 | 5.6 | 7.7 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

COLTISHALL

N.G.R. 63/262229

ALTITUDE

17 METRES

1963 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.3 | 2.4 | 3.6 | 5.5 | 8.2 | 11.2 | 12.3 | 12.4 | 11.2 | 9.4 | 5.8 | 3.6 | 7.3 |
| | WET BULB °C | 1.6 | 1.7 | 2.7 | 4.7 | 7.4 | 10.4 | 11.5 | 11.7 | 10.4 | 8.6 | 5.1 | 2.8 | 6.5 |
| | VAP. PRESS. MB | 6.5 | 6.5 | 6.8 | 8.1 | 9.8 | 12.1 | 13.1 | 13.4 | 12.1 | 10.8 | 8.4 | 7.1 | 9.6 |
| | REL. HUM. % | 88 | 87 | 85 | 89 | 89 | 90 | 91 | 92 | 90 | 90 | 88 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.1 | 5.1 | 5.3 | 6.3 | 7.6 | 9.2 | 10.0 | 10.2 | 9.2 | 8.3 | 6.5 | 5.6 | 7.4 |
| 09 | DRY BULB °C | 2.3 | 2.9 | 5.1 | 8.2 | 12.1 | 15.3 | 16.2 | 16.0 | 14.5 | 11.0 | 6.5 | 3.7 | 9.5 |
| | WET BULB °C | 1.7 | 2.0 | 3.9 | 6.6 | 9.9 | 12.9 | 13.7 | 13.9 | 12.7 | 9.8 | 5.6 | 2.9 | 8.0 |
| | VAP. PRESS. MB | 6.5 | 6.6 | 7.2 | 8.7 | 10.6 | 13.0 | 13.8 | 14.4 | 13.3 | 11.4 | 8.6 | 7.1 | 10.1 |
| | REL. HUM. % | 88 | 86 | 81 | 79 | 75 | 74 | 75 | 79 | 80 | 86 | 87 | 87 | 81 |
| | VAP. CONC. G/M ³ | 5.1 | 5.2 | 5.6 | 6.7 | 8.1 | 9.8 | 10.3 | 10.8 | 10.0 | 8.7 | 6.7 | 5.6 | 7.7 |
| 15 | DRY BULB °C | 4.0 | 5.0 | 7.9 | 10.3 | 14.1 | 17.4 | 18.3 | 18.4 | 17.2 | 13.6 | 8.4 | 5.1 | 11.6 |
| | WET BULB °C | 2.9 | 3.5 | 5.4 | 7.6 | 10.8 | 13.8 | 14.4 | 14.8 | 13.7 | 11.1 | 7.0 | 4.0 | 9.1 |
| | VAP. PRESS. MB | 6.9 | 6.9 | 7.1 | 8.6 | 10.6 | 13.1 | 13.5 | 14.0 | 13.1 | 11.4 | 9.0 | 7.4 | 10.1 |
| | REL. HUM. % | 83 | 77 | 67 | 68 | 66 | 66 | 65 | 67 | 67 | 73 | 81 | 83 | 72 |
| | VAP. CONC. G/M ³ | 5.4 | 5.4 | 5.5 | 6.6 | 8.0 | 9.8 | 10.0 | 10.4 | 9.8 | 8.6 | 6.9 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 2.6 | 3.0 | 4.8 | 6.8 | 10.0 | 13.2 | 14.1 | 14.1 | 12.8 | 10.3 | 6.4 | 3.7 | 8.5 |
| | WET BULB °C | 1.9 | 2.1 | 3.6 | 5.7 | 8.7 | 11.7 | 12.7 | 12.9 | 11.5 | 9.3 | 5.5 | 2.9 | 7.4 |
| | VAP. PRESS. MB | 6.7 | 6.6 | 7.1 | 8.5 | 10.3 | 12.7 | 13.6 | 14.0 | 12.7 | 11.1 | 8.5 | 7.1 | 9.9 |
| | REL. HUM. % | 87 | 85 | 81 | 84 | 83 | 83 | 84 | 86 | 85 | 87 | 87 | 87 | 85 |
| | VAP. CONC. G/M ³ | 5.3 | 5.2 | 5.5 | 6.6 | 7.9 | 9.6 | 10.3 | 10.6 | 9.6 | 8.5 | 6.6 | 5.6 | 7.6 |

HONINGTON

N.G.R. 52/887749

ALTITUDE

50 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.4 | 2.3 | 3.2 | 5.5 | 8.1 | 10.7 | 12.4 | 12.4 | 11.2 | 9.2 | 5.3 | 2.4 | 7.1 |
| | WET BULB °C | 1.9 | 1.7 | 2.4 | 4.8 | 7.3 | 9.9 | 11.6 | 11.7 | 10.5 | 8.5 | 4.7 | 1.9 | 6.4 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 6.8 | 8.2 | 9.8 | 11.8 | 13.3 | 13.3 | 12.4 | 10.9 | 8.3 | 6.8 | 9.6 |
| | REL. HUM. % | 90 | 89 | 87 | 89 | 89 | 90 | 91 | 91 | 91 | 92 | 90 | 90 | 90 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.3 | 6.4 | 7.6 | 9.0 | 10.1 | 10.1 | 9.5 | 8.4 | 6.5 | 5.4 | 7.4 |
| 09 | DRY BULB °C | 2.4 | 2.7 | 4.8 | 8.4 | 12.3 | 15.8 | 16.4 | 16.1 | 14.3 | 10.7 | 5.8 | 2.5 | 9.3 |
| | WET BULB °C | 1.9 | 2.0 | 3.7 | 6.8 | 10.0 | 12.9 | 14.0 | 14.0 | 12.6 | 9.7 | 5.1 | 2.0 | 7.9 |
| | VAP. PRESS. MB | 6.8 | 6.7 | 7.2 | 8.8 | 10.6 | 12.8 | 14.2 | 14.4 | 13.4 | 11.5 | 8.4 | 6.9 | 10.1 |
| | REL. HUM. % | 90 | 87 | 82 | 79 | 74 | 71 | 76 | 78 | 82 | 88 | 89 | 90 | 82 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.6 | 6.8 | 8.1 | 9.6 | 10.6 | 10.8 | 10.1 | 8.8 | 6.5 | 5.4 | 7.7 |
| 15 | DRY BULB °C | 4.7 | 5.7 | 8.6 | 11.6 | 15.3 | 19.1 | 19.5 | 19.5 | 18.0 | 14.4 | 8.3 | 4.6 | 12.4 |
| | WET BULB °C | 3.7 | 4.1 | 5.8 | 8.5 | 11.4 | 14.3 | 15.3 | 15.1 | 14.1 | 11.7 | 6.9 | 3.7 | 9.5 |
| | VAP. PRESS. MB | 7.3 | 7.1 | 7.2 | 8.8 | 10.4 | 12.7 | 14.1 | 13.9 | 13.2 | 11.9 | 9.1 | 7.4 | 10.3 |
| | REL. HUM. % | 83 | 76 | 65 | 64 | 60 | 58 | 63 | 62 | 64 | 72 | 81 | 86 | 69 |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 5.5 | 6.7 | 7.8 | 9.4 | 10.4 | 10.3 | 9.8 | 9.0 | 7.0 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 2.9 | 3.1 | 4.8 | 7.7 | 11.0 | 14.4 | 15.5 | 15.0 | 13.3 | 10.4 | 5.9 | 2.9 | 8.9 |
| | WET BULB °C | 2.3 | 2.3 | 3.6 | 6.4 | 9.3 | 12.3 | 13.6 | 13.3 | 11.9 | 9.4 | 5.2 | 2.3 | 7.7 |
| | VAP. PRESS. MB | 6.9 | 6.8 | 7.1 | 8.8 | 10.5 | 12.9 | 14.3 | 14.0 | 13.0 | 11.3 | 8.5 | 7.0 | 10.1 |
| | REL. HUM. % | 89 | 87 | 81 | 82 | 80 | 78 | 81 | 82 | 84 | 88 | 89 | 90 | 84 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.5 | 6.8 | 8.0 | 9.7 | 10.7 | 10.5 | 9.8 | 8.6 | 6.6 | 5.5 | 7.7 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

SHOEBURYNESSE
N.G.R. 51/948857

ALTITUDE 2 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | WET BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. PRESS. MB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | REL. HUM. % | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. CONC. G/M ³ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 09 | DRY BULB °C | 3.3 | 3.5 | 5.4 | 8.6 | 12.4 | 15.7 | 16.9 | 16.6 | 15.0 | 11.9 | 7.1 | 3.9 | 10.0 |
| | WET BULB °C | 2.7 | 2.7 | 4.3 | 7.3 | 10.5 | 13.4 | 14.6 | 14.6 | 13.5 | 10.7 | 6.2 | 3.2 | 8.6 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.5 | 9.2 | 11.2 | 13.7 | 14.8 | 15.1 | 14.3 | 12.2 | 9.0 | 7.3 | 10.7 |
| | REL. HUM. % | 88 | 86 | 83 | 82 | 78 | 77 | 76 | 80 | 83 | 86 | 87 | 87 | 83 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.8 | 7.1 | 8.5 | 10.3 | 11.1 | 11.3 | 10.8 | 9.3 | 7.0 | 5.7 | 8.2 |
| 15 | DRY BULB °C | 4.9 | 5.5 | 8.0 | 10.6 | 14.2 | 17.6 | 19.2 | 19.0 | 17.5 | 14.2 | 6.8 | 5.2 | 12.1 |
| | WET BULB °C | 3.8 | 4.0 | 5.8 | 8.4 | 11.5 | 14.5 | 15.6 | 15.6 | 14.6 | 12.0 | 7.3 | 4.1 | 9.8 |
| | VAP. PRESS. MB | 7.3 | 7.1 | 7.6 | 9.4 | 11.5 | 14.1 | 15.0 | 15.2 | 14.4 | 12.5 | 9.2 | 7.5 | 10.9 |
| | REL. HUM. % | 83 | 77 | 71 | 73 | 71 | 70 | 67 | 69 | 72 | 76 | 80 | 83 | 74 |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 5.9 | 7.2 | 8.7 | 10.5 | 11.1 | 11.3 | 10.7 | 9.4 | 7.1 | 5.8 | 8.2 |
| 21 | DRY BULB °C | 3.7 | 3.8 | 5.2 | 7.7 | 11.1 | 14.5 | 16.1 | 15.8 | 14.3 | 11.6 | 7.2 | 4.0 | 9.6 |
| | WET BULB °C | 3.0 | 3.0 | 4.1 | 6.6 | 9.8 | 12.8 | 14.3 | 14.3 | 13.0 | 10.6 | 6.2 | 3.2 | 9.4 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.5 | 9.0 | 11.2 | 13.6 | 15.0 | 15.1 | 14.1 | 12.2 | 9.0 | 7.3 | 10.7 |
| | REL. HUM. % | 87 | 85 | 83 | 85 | 84 | 82 | 81 | 84 | 86 | 88 | 87 | 87 | 85 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.8 | 6.9 | 8.5 | 10.3 | 11.2 | 11.3 | 10.6 | 9.3 | 7.0 | 5.7 | 8.1 |

STANSTED AIRPORT
N.G.R. 52/531226

ALTITUDE 101 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.2 | 2.1 | 2.8 | 5.1 | 7.7 | 10.5 | 12.2 | 12.2 | 11.1 | 8.9 | 5.1 | 2.4 | 6.9 |
| | WET BULB °C | 1.8 | 1.6 | 2.3 | 4.5 | 7.1 | 9.8 | 11.5 | 11.6 | 10.5 | 8.4 | 4.5 | 2.0 | 6.3 |
| | VAP. PRESS. MB | 6.9 | 6.7 | 6.9 | 8.2 | 9.8 | 11.7 | 13.2 | 13.3 | 12.5 | 10.9 | 8.3 | 6.9 | 9.6 |
| | REL. HUM. % | 93 | 91 | 90 | 91 | 92 | 91 | 92 | 92 | 93 | 94 | 92 | 91 | 92 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.4 | 6.4 | 7.6 | 8.9 | 10.0 | 10.1 | 9.5 | 8.4 | 6.5 | 5.4 | 7.4 |
| 09 | DRY BULB °C | 2.2 | 2.4 | 4.5 | 7.9 | 11.6 | 15.1 | 15.9 | 15.6 | 13.9 | 10.5 | 5.5 | 2.6 | 9.0 |
| | WET BULB °C | 1.8 | 1.9 | 3.4 | 6.5 | 9.6 | 12.5 | 13.6 | 13.6 | 12.4 | 9.7 | 4.9 | 2.1 | 7.7 |
| | VAP. PRESS. MB | 6.9 | 6.8 | 7.2 | 8.7 | 10.5 | 12.6 | 13.8 | 14.1 | 13.4 | 11.5 | 8.5 | 7.0 | 10.1 |
| | REL. HUM. % | 93 | 90 | 84 | 81 | 77 | 73 | 76 | 79 | 84 | 89 | 91 | 91 | 84 |
| | VAP. CONC. G/M ³ | 5.4 | 5.4 | 5.6 | 6.7 | 8.0 | 9.5 | 10.4 | 10.6 | 10.1 | 8.8 | 6.6 | 5.5 | 7.7 |
| 15 | DRY BULB °C | 4.2 | 4.9 | 7.9 | 10.8 | 14.5 | 18.2 | 18.9 | 18.8 | 17.3 | 13.7 | 7.8 | 4.3 | 11.8 |
| | WET BULB °C | 3.3 | 3.5 | 5.3 | 7.8 | 10.9 | 13.9 | 14.7 | 14.6 | 13.6 | 11.2 | 6.5 | 3.4 | 9.1 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.1 | 8.4 | 10.3 | 12.6 | 13.5 | 13.4 | 12.9 | 11.6 | 8.9 | 7.3 | 10.0 |
| | REL. HUM. % | 85 | 79 | 67 | 65 | 63 | 61 | 62 | 63 | 66 | 73 | 83 | 86 | 71 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.5 | 6.4 | 7.8 | 9.4 | 10.0 | 10.0 | 9.6 | 8.8 | 6.9 | 5.7 | 7.6 |
| 21 | DRY BULB °C | 2.6 | 2.7 | 4.4 | 7.1 | 10.3 | 13.8 | 14.9 | 14.5 | 12.8 | 10.1 | 5.6 | 2.7 | 8.5 |
| | WET BULB °C | 2.1 | 2.1 | 3.3 | 5.9 | 8.9 | 11.9 | 13.1 | 13.0 | 11.6 | 9.3 | 5.0 | 2.3 | 7.4 |
| | VAP. PRESS. MB | 6.9 | 6.8 | 7.1 | 8.5 | 10.4 | 12.6 | 13.9 | 13.9 | 12.8 | 11.3 | 8.5 | 7.0 | 10.0 |
| | REL. HUM. % | 91 | 89 | 84 | 83 | 82 | 79 | 81 | 83 | 86 | 89 | 91 | 91 | 86 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.5 | 6.6 | 8.0 | 9.5 | 10.5 | 10.5 | 9.7 | 8.6 | 6.6 | 5.5 | 7.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

WATTISHAM

1962 - 70

N.G.R. 62/026514

ALTITUDE

89 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 1.9 | 1.5 | 2.4 | 4.6 | 7.6 | 10.3 | 11.9 | 12.0 | 10.9 | 9.1 | 5.1 | 2.4 | 6.6 |
| | WET BULB °C | 1.6 | 1.1 | 1.8 | 4.2 | 7.2 | 9.8 | 11.4 | 11.6 | 10.4 | 8.7 | 4.7 | 2.0 | 6.2 |
| | VAP. PRESS. MB | 6.7 | 6.4 | 6.7 | 8.1 | 9.9 | 11.9 | 13.3 | 13.4 | 12.4 | 11.1 | 8.4 | 6.9 | 9.6 |
| | REL. HUM. % | 92 | 91 | 90 | 93 | 94 | 94 | 94 | 95 | 94 | 94 | 93 | 92 | 93 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.3 | 6.3 | 7.6 | 9.1 | 10.1 | 10.2 | 9.5 | 8.5 | 6.5 | 5.4 | 7.4 |
| 09 | DRY BULB °C | 1.9 | 1.8 | 3.9 | 7.4 | 11.5 | 15.0 | 15.9 | 15.6 | 13.7 | 10.5 | 5.4 | 2.5 | 8.8 |
| | WET BULB °C | 1.6 | 1.3 | 3.0 | 6.2 | 9.8 | 12.7 | 13.8 | 13.8 | 12.3 | 9.8 | 5.0 | 2.0 | 7.6 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 7.1 | 8.7 | 10.8 | 13.1 | 14.3 | 14.4 | 13.4 | 11.7 | 8.6 | 6.9 | 10.2 |
| | REL. HUM. % | 93 | 90 | 86 | 83 | 79 | 77 | 79 | 81 | 85 | 91 | 93 | 92 | 86 |
| | VAP. CONC. G/M ³ | 5.4 | 5.0 | 5.6 | 6.7 | 8.2 | 9.9 | 10.7 | 10.8 | 10.1 | 8.9 | 6.7 | 5.4 | 7.8 |
| 15 | DRY BULB °C | 3.7 | 4.1 | 7.0 | 10.2 | 14.1 | 17.7 | 18.6 | 18.6 | 16.9 | 13.4 | 7.5 | 4.0 | 11.3 |
| | WET BULB °C | 2.5 | 3.0 | 4.8 | 7.7 | 11.0 | 14.0 | 14.9 | 14.7 | 13.6 | 11.3 | 6.5 | 3.3 | 9.0 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.0 | 8.6 | 10.8 | 13.1 | 14.2 | 13.8 | 13.1 | 11.9 | 9.1 | 7.3 | 10.2 |
| | REL. HUM. % | 87 | 81 | 70 | 69 | 67 | 65 | 67 | 65 | 68 | 76 | 86 | 88 | 74 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.4 | 6.6 | 8.2 | 9.8 | 10.6 | 10.3 | 9.8 | 9.0 | 7.0 | 5.7 | 7.8 |
| 21 | DRY BULB °C | 2.3 | 2.1 | 3.7 | 6.4 | 10.0 | 13.0 | 14.2 | 14.1 | 12.5 | 10.1 | 5.6 | 2.6 | 8.1 |
| | WET BULB °C | 1.8 | 1.6 | 2.8 | 5.6 | 8.8 | 11.5 | 13.0 | 12.9 | 11.5 | 9.4 | 5.1 | 2.1 | 7.2 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 6.9 | 8.5 | 10.5 | 12.6 | 14.1 | 14.1 | 12.9 | 11.5 | 8.6 | 6.9 | 10.0 |
| | REL. HUM. % | 91 | 90 | 85 | 87 | 85 | 84 | 86 | 87 | 88 | 91 | 92 | 91 | 88 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.4 | 6.6 | 8.0 | 9.5 | 10.6 | 10.6 | 9.8 | 8.8 | 6.7 | 5.4 | 7.7 |

WITTERING

1961 - 70

N.G.R. 53/043026

ALTITUDE

73 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|-----|-----|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.2 | 2.1 | 2.9 | 5.2 | 7.7 | 10.5 | - | - | 10.9 | 8.8 | 5.0 | 2.6 | - |
| | WET BULB °C | 1.7 | 1.5 | 2.2 | 4.6 | 7.0 | 9.8 | - | - | 10.3 | 8.3 | 4.4 | 2.0 | - |
| | VAP. PRESS. MB | 6.7 | 6.5 | 6.8 | 8.1 | 9.6 | 11.7 | - | - | 12.2 | 10.7 | 8.1 | 6.8 | - |
| | REL. HUM. % | 91 | 89 | 88 | 90 | 90 | 91 | - | - | 92 | 92 | 91 | 89 | - |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.3 | 6.3 | 7.4 | 8.9 | - | - | 9.3 | 8.2 | 6.3 | 5.3 | - |
| 09 | DRY BULB °C | 2.3 | 2.5 | 4.5 | 7.9 | 11.6 | 15.1 | - | - | 13.6 | 10.2 | 5.4 | 2.5 | - |
| | WET BULB °C | 1.8 | 1.8 | 3.4 | 6.5 | 9.6 | 12.6 | - | - | 12.2 | 9.3 | 4.7 | 2.0 | - |
| | VAP. PRESS. MB | 6.8 | 6.7 | 7.1 | 8.7 | 10.4 | 12.7 | - | - | 13.2 | 11.2 | 8.2 | 6.8 | - |
| | REL. HUM. % | 91 | 88 | 83 | 80 | 76 | 74 | - | - | 84 | 89 | 90 | 89 | - |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.5 | 6.7 | 7.9 | 9.6 | - | - | 10.0 | 8.6 | 6.4 | 5.3 | - |
| 15 | DRY BULB °C | 4.4 | 5.2 | 8.1 | 11.0 | 14.6 | 18.5 | - | - | 17.2 | 13.7 | 7.8 | 4.4 | - |
| | WET BULB °C | 3.4 | 3.7 | 5.5 | 8.1 | 11.0 | 14.2 | - | - | 13.7 | 11.3 | 6.5 | 3.5 | - |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.1 | 8.7 | 10.5 | 12.9 | - | - | 13.0 | 11.7 | 8.8 | 7.3 | - |
| | REL. HUM. % | 83 | 77 | 66 | 66 | 64 | 62 | - | - | 67 | 74 | 82 | 85 | - |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.5 | 6.6 | 7.9 | 9.6 | - | - | 9.7 | 8.8 | 6.8 | 5.7 | - |
| 21 | DRY BULB °C | 2.7 | 2.8 | 4.4 | 7.2 | 10.4 | 13.8 | - | - | 12.7 | 10.0 | 5.6 | 2.8 | - |
| | WET BULB °C | 2.1 | 2.1 | 3.3 | 6.0 | 8.9 | 12.0 | - | - | 11.5 | 9.2 | 4.9 | 2.2 | - |
| | VAP. PRESS. MB | 6.9 | 6.7 | 7.0 | 8.6 | 10.3 | 12.7 | - | - | 12.7 | 11.1 | 8.3 | 6.9 | - |
| | REL. HUM. % | 90 | 87 | 82 | 83 | 81 | 80 | - | - | 85 | 89 | 89 | 89 | - |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.5 | 6.7 | 7.9 | 9.6 | - | - | 9.6 | 8.5 | 6.5 | 5.4 | - |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

4 MIDLAND COUNTIES

ABINGDON

N.G.R. 41/479991

ALTITUDE

69 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.6 | 2.5 | 3.1 | 5.5 | 7.9 | 10.8 | 12.3 | 12.4 | 11.0 | 9.0 | 5.3 | 2.7 | 7.1 |
| | WET BULB °C | 2.1 | 1.9 | 2.4 | 4.8 | 7.2 | 10.0 | 11.5 | 11.6 | 10.4 | 8.4 | 4.7 | 2.2 | 6.4 |
| | VAP. PRESS. MB | 6.9 | 6.7 | 6.9 | 8.2 | 9.7 | 11.8 | 13.1 | 13.2 | 12.3 | 10.8 | 8.3 | 7.0 | 9.6 |
| | REL. HUM. % | 90 | 89 | 88 | 89 | 89 | 90 | 90 | 91 | 92 | 92 | 90 | 90 | 90 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.4 | 6.4 | 7.5 | 9.0 | 10.0 | 10.0 | 9.4 | 8.3 | 6.5 | 5.5 | 7.4 |
| 09 | DRY BULB °C | 2.6 | 2.8 | 4.8 | 8.2 | 11.9 | 15.4 | 16.3 | 15.8 | 13.6 | 10.3 | 5.6 | 2.8 | 9.2 |
| | WET BULB °C | 2.1 | 2.1 | 3.6 | 6.7 | 9.7 | 12.7 | 13.7 | 13.7 | 12.2 | 9.4 | 4.9 | 2.2 | 7.7 |
| | VAP. PRESS. MB | 6.9 | 6.8 | 7.2 | 8.7 | 10.4 | 12.7 | 13.8 | 14.1 | 13.2 | 11.3 | 8.3 | 7.0 | 10.0 |
| | REL. HUM. % | 90 | 87 | 82 | 79 | 74 | 72 | 74 | 78 | 84 | 88 | 89 | 90 | 82 |
| | VAP. CONC. G/M ³ | 5.4 | 5.3 | 5.6 | 6.7 | 7.9 | 9.5 | 10.3 | 10.6 | 10.0 | 8.6 | 6.5 | 5.5 | 7.7 |
| 15 | DRY BULB °C | 5.0 | 5.8 | 8.7 | 11.5 | 15.1 | 19.2 | 19.8 | 19.4 | 17.5 | 14.1 | 8.3 | 4.9 | 12.4 |
| | WET BULB °C | 3.8 | 4.1 | 6.0 | 8.4 | 11.3 | 14.4 | 15.2 | 15.0 | 13.9 | 11.5 | 6.8 | 3.8 | 9.5 |
| | VAP. PRESS. MB | 7.3 | 7.0 | 7.3 | 8.7 | 10.5 | 12.7 | 13.7 | 13.7 | 13.1 | 11.7 | 8.9 | 7.4 | 10.2 |
| | REL. HUM. % | 81 | 74 | 65 | 64 | 61 | 58 | 60 | 61 | 65 | 72 | 79 | 83 | 69 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.6 | 6.6 | 7.9 | 9.4 | 10.1 | 10.2 | 9.8 | 8.8 | 6.9 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 3.2 | 3.3 | 4.9 | 7.8 | 11.0 | 14.8 | 15.6 | 15.0 | 13.0 | 10.3 | 6.0 | 3.0 | 9.0 |
| | WET BULB °C | 2.5 | 2.5 | 3.8 | 6.4 | 9.3 | 12.5 | 13.6 | 13.2 | 11.7 | 9.3 | 5.2 | 2.4 | 7.7 |
| | VAP. PRESS. MB | 7.0 | 6.9 | 7.2 | 8.6 | 10.4 | 12.9 | 14.1 | 13.8 | 12.9 | 11.2 | 8.5 | 7.0 | 10.0 |
| | REL. HUM. % | 88 | 86 | 81 | 80 | 78 | 76 | 79 | 80 | 85 | 88 | 88 | 89 | 83 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.6 | 6.6 | 7.9 | 9.7 | 10.6 | 10.4 | 9.8 | 8.6 | 6.6 | 5.5 | 7.7 |

BIRMINGHAM/EDGBASTON

N.G.R. 42/046864

ALTITUDE

163 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | WET BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. PRESS. MB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | REL. HUM. % | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. CONC. G/M ³ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 09 | DRY BULB °C | 2.7 | 2.4 | 4.1 | 7.0 | 10.6 | 14.1 | 14.8 | 14.4 | 12.7 | 9.9 | 5.3 | 2.9 | 8.4 |
| | WET BULB °C | 2.2 | 1.7 | 3.1 | 5.7 | 8.6 | 11.6 | 12.6 | 12.6 | 11.4 | 9.0 | 4.6 | 2.4 | 7.1 |
| | VAP. PRESS. MB | 6.9 | 6.6 | 6.9 | 8.2 | 9.6 | 11.8 | 13.0 | 13.3 | 12.5 | 11.0 | 8.1 | 7.0 | 9.6 |
| | REL. HUM. % | 90 | 88 | 83 | 80 | 75 | 73 | 77 | 81 | 84 | 89 | 90 | 90 | 83 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.4 | 6.3 | 7.3 | 8.9 | 9.8 | 10.0 | 9.5 | 8.4 | 6.3 | 5.5 | 7.3 |
| 15 | DRY BULB °C | 4.5 | 4.7 | 7.5 | 10.4 | 13.9 | 17.7 | 18.1 | 18.0 | 16.3 | 13.0 | 7.6 | 4.5 | 11.3 |
| | WET BULB °C | 3.4 | 3.2 | 5.0 | 7.4 | 10.2 | 13.3 | 14.0 | 14.0 | 12.9 | 10.6 | 6.1 | 3.4 | 8.6 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 6.9 | 8.1 | 9.5 | 11.9 | 12.9 | 12.9 | 12.2 | 11.1 | 8.4 | 7.2 | 9.6 |
| | REL. HUM. % | 82 | 76 | 66 | 64 | 61 | 60 | 62 | 63 | 66 | 73 | 80 | 83 | 70 |
| | VAP. CONC. G/M ³ | 5.5 | 5.2 | 5.3 | 6.2 | 7.2 | 8.9 | 9.6 | 9.6 | 9.1 | 8.4 | 6.5 | 5.6 | 7.3 |
| 21 | DRY BULB °C | 3.3 | 3.1 | 5.0 | 7.8 | 11.2 | 14.9 | 15.5 | 15.0 | 13.2 | 10.4 | 5.9 | 3.4 | 9.1 |
| | WET BULB °C | 2.7 | 2.3 | 3.6 | 6.2 | 9.0 | 12.2 | 13.0 | 12.9 | 11.6 | 9.4 | 5.1 | 2.7 | 7.6 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.0 | 8.4 | 9.8 | 12.1 | 13.2 | 13.3 | 12.5 | 11.2 | 8.3 | 7.1 | 9.7 |
| | REL. HUM. % | 88 | 85 | 79 | 78 | 74 | 71 | 74 | 78 | 82 | 87 | 87 | 88 | 81 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.5 | 6.5 | 7.5 | 9.1 | 9.9 | 10.0 | 9.5 | 8.6 | 6.4 | 5.6 | 7.5 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

BIRMINGHAM/ELMDON AIRPORT

1961 - 70

N.G.R. 42/176839

ALTITUDE

96 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.4 | 2.2 | 2.8 | 5.0 | 7.6 | 10.4 | 11.9 | 11.9 | 10.6 | 8.5 | 5.0 | 2.6 | 6.7 |
| | WET BULB °C | 1.9 | 1.5 | 2.1 | 4.4 | 6.8 | 9.6 | 11.0 | 11.1 | 9.9 | 7.9 | 4.3 | 2.0 | 6.0 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.8 | 8.0 | 9.4 | 11.5 | 12.6 | 12.7 | 11.9 | 10.4 | 8.0 | 6.8 | 9.3 |
| | REL. HUM. % | 89 | 88 | 88 | 89 | 89 | 90 | 90 | 90 | 92 | 91 | 89 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.4 | 5.1 | 5.3 | 6.2 | 7.3 | 8.8 | 9.6 | 9.7 | 9.1 | 8.0 | 6.2 | 5.3 | 7.2 |
| 09 | DRY BULB °C | 2.5 | 2.5 | 4.4 | 7.6 | 11.1 | 14.6 | 15.4 | 15.0 | 13.1 | 9.9 | 5.2 | 2.5 | 8.7 |
| | WET BULB °C | 1.9 | 1.8 | 3.3 | 6.1 | 9.0 | 12.1 | 13.0 | 13.1 | 11.7 | 9.0 | 4.5 | 2.0 | 7.3 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 7.1 | 8.4 | 10.0 | 12.1 | 13.1 | 13.6 | 12.8 | 11.0 | 8.1 | 6.8 | 9.7 |
| | REL. HUM. % | 90 | 87 | 83 | 79 | 75 | 73 | 75 | 80 | 84 | 89 | 89 | 90 | 83 |
| | VAP. CONC. G/M ³ | 5.3 | 5.2 | 5.5 | 6.5 | 7.6 | 9.1 | 9.8 | 10.2 | 9.7 | 8.4 | 6.3 | 5.3 | 7.4 |
| 15 | DRY BULB °C | 4.7 | 5.0 | 7.8 | 10.7 | 14.2 | 18.0 | 18.5 | 18.3 | 16.6 | 13.3 | 7.7 | 4.5 | 11.6 |
| | WET BULB °C | 3.5 | 3.4 | 5.3 | 7.7 | 10.5 | 13.6 | 14.2 | 14.2 | 13.1 | 10.8 | 6.2 | 3.4 | 9.8 |
| | VAP. PRESS. MB | 7.1 | 6.8 | 7.1 | 8.3 | 9.9 | 12.3 | 12.9 | 13.0 | 12.4 | 11.1 | 8.5 | 7.1 | 9.7 |
| | REL. HUM. % | 81 | 76 | 67 | 64 | 62 | 60 | 61 | 62 | 66 | 72 | 79 | 82 | 69 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.5 | 6.3 | 7.5 | 9.2 | 9.6 | 9.7 | 9.3 | 8.4 | 6.6 | 5.5 | 7.4 |
| 21 | DRY BULB °C | 2.9 | 2.9 | 4.6 | 7.3 | 10.7 | 14.4 | 15.1 | 14.4 | 12.5 | 9.7 | 5.5 | 2.9 | 8.6 |
| | WET BULB °C | 2.3 | 2.1 | 3.4 | 5.9 | 8.8 | 12.0 | 12.9 | 12.6 | 11.1 | 8.8 | 4.7 | 2.2 | 7.2 |
| | VAP. PRESS. MB | 6.9 | 6.6 | 7.0 | 8.4 | 9.9 | 12.3 | 13.2 | 13.3 | 12.3 | 10.8 | 8.1 | 6.9 | 9.6 |
| | REL. HUM. % | 89 | 86 | 81 | 81 | 77 | 75 | 76 | 80 | 84 | 88 | 88 | 89 | 83 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.5 | 6.5 | 7.6 | 9.3 | 9.9 | 10.0 | 9.3 | 8.3 | 6.3 | 5.4 | 7.4 |

FINNINGLEY

1961 - 70

N.G.R. 43/659989

ALTITUDE

10 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.6 | 2.6 | 3.4 | 5.5 | 7.9 | 10.8 | 12.3 | 12.4 | 11.0 | 9.0 | 5.2 | 3.0 | 7.1 |
| | WET BULB °C | 2.0 | 1.8 | 2.6 | 4.8 | 7.2 | 10.0 | 11.5 | 11.6 | 10.3 | 8.4 | 4.5 | 2.3 | 6.4 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.9 | 8.2 | 9.6 | 11.7 | 13.0 | 13.2 | 12.1 | 10.7 | 8.1 | 6.9 | 9.5 |
| | REL. HUM. % | 89 | 87 | 86 | 89 | 89 | 90 | 90 | 91 | 91 | 91 | 90 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.4 | 6.4 | 7.4 | 8.9 | 9.9 | 10.0 | 9.2 | 8.2 | 6.3 | 5.4 | 7.3 |
| 09 | DRY BULB °C | 2.7 | 2.9 | 5.0 | 8.2 | 11.7 | 15.5 | 16.0 | 15.7 | 13.8 | 10.3 | 5.5 | 2.9 | 9.2 |
| | WET BULB °C | 2.1 | 2.1 | 3.7 | 6.6 | 9.5 | 12.8 | 13.5 | 13.7 | 12.2 | 9.3 | 4.7 | 2.2 | 7.7 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 7.1 | 8.6 | 10.3 | 12.8 | 13.6 | 14.1 | 13.1 | 11.1 | 8.2 | 6.8 | 9.9 |
| | REL. HUM. % | 89 | 86 | 81 | 78 | 75 | 73 | 75 | 79 | 83 | 87 | 89 | 88 | 82 |
| | VAP. CONC. G/M ³ | 5.3 | 5.2 | 5.5 | 6.6 | 7.8 | 9.6 | 10.2 | 10.6 | 9.9 | 8.5 | 6.4 | 5.3 | 7.6 |
| 15 | DRY BULB °C | 4.9 | 5.6 | 8.3 | 11.1 | 14.7 | 18.8 | 18.9 | 18.9 | 17.1 | 13.8 | 7.9 | 4.7 | 12.1 |
| | WET BULB °C | 3.8 | 4.0 | 5.7 | 8.2 | 11.1 | 14.4 | 14.9 | 15.0 | 13.7 | 11.3 | 6.5 | 3.7 | 9.4 |
| | VAP. PRESS. MB | 7.3 | 7.0 | 7.2 | 8.7 | 10.5 | 13.0 | 13.9 | 14.2 | 13.1 | 11.6 | 8.8 | 7.3 | 10.2 |
| | REL. HUM. % | 82 | 76 | 66 | 66 | 63 | 61 | 64 | 65 | 68 | 73 | 81 | 84 | 71 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.5 | 6.6 | 7.9 | 9.7 | 10.3 | 10.5 | 9.8 | 8.8 | 6.8 | 5.7 | 7.7 |
| 21 | DRY BULB °C | 3.2 | 3.3 | 4.8 | 7.4 | 10.7 | 14.2 | 15.1 | 14.6 | 12.9 | 10.2 | 5.7 | 3.3 | 8.8 |
| | WET BULB °C | 2.5 | 2.4 | 3.7 | 6.2 | 9.0 | 12.2 | 13.3 | 13.0 | 11.6 | 9.3 | 5.0 | 2.6 | 7.6 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.2 | 8.7 | 10.3 | 12.7 | 13.9 | 13.8 | 12.8 | 11.1 | 8.3 | 7.0 | 10.0 |
| | REL. HUM. % | 98 | 85 | 82 | 83 | 80 | 78 | 81 | 83 | 85 | 88 | 88 | 88 | 84 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.6 | 6.7 | 7.9 | 9.6 | 10.5 | 10.4 | 9.7 | 8.5 | 6.5 | 5.5 | 7.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

GLOUCESTER
N.G.R. 32/851179

ALTITUDE 23 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.5 | 3.3 | 4.1 | 6.3 | 8.9 | 11.9 | 13.3 | 13.4 | 12.0 | 9.9 | 6.1 | 3.7 | 8.0 |
| | WET BULB °C | 2.8 | 2.5 | 3.2 | 5.5 | 8.0 | 11.0 | 12.3 | 12.4 | 11.2 | 9.2 | 5.3 | 3.0 | 7.2 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.2 | 8.6 | 10.1 | 12.5 | 13.7 | 13.7 | 12.9 | 11.3 | 8.6 | 7.3 | 10.0 |
| | REL. HUM. % | 88 | 86 | 86 | 88 | 87 | 89 | 89 | 89 | 91 | 91 | 88 | 88 | 88 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.6 | 6.7 | 7.8 | 9.5 | 10.4 | 10.4 | 9.8 | 8.7 | 6.7 | 5.7 | 7.7 |
| 09 | DRY BULB °C | 3.6 | 3.6 | 5.4 | 8.7 | 12.2 | 15.7 | 16.6 | 16.0 | 14.0 | 10.9 | 6.4 | 3.7 | 9.7 |
| | WET BULB °C | 2.9 | 2.7 | 4.2 | 7.1 | 10.0 | 13.1 | 14.1 | 14.0 | 12.5 | 9.9 | 5.6 | 3.0 | 8.3 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.5 | 9.0 | 10.7 | 13.1 | 14.3 | 14.4 | 13.5 | 11.7 | 8.7 | 7.3 | 10.4 |
| | REL. HUM. % | 88 | 85 | 81 | 79 | 75 | 73 | 75 | 79 | 84 | 88 | 88 | 88 | 82 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.8 | 6.9 | 8.1 | 9.8 | 10.7 | 10.8 | 10.2 | 8.9 | 6.7 | 5.7 | 7.9 |
| 15 | DRY BULB °C | 5.7 | 6.4 | 9.2 | 11.9 | 15.4 | 19.5 | 19.9 | 19.6 | 17.9 | 14.4 | 8.8 | 5.6 | 12.9 |
| | WET BULB °C | 4.4 | 4.5 | 6.4 | 8.8 | 11.6 | 14.9 | 15.6 | 15.4 | 14.4 | 11.9 | 7.2 | 4.4 | 10.0 |
| | VAP. PRESS. MB | 7.6 | 7.1 | 7.6 | 9.0 | 10.8 | 13.5 | 14.6 | 14.4 | 13.7 | 12.1 | 9.1 | 7.7 | 10.6 |
| | REL. HUM. % | 80 | 73 | 64 | 65 | 62 | 60 | 63 | 63 | 67 | 73 | 79 | 82 | 69 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.8 | 6.8 | 8.1 | 10.0 | 10.8 | 10.7 | 10.2 | 9.1 | 7.0 | 6.0 | 8.0 |
| 21 | DRY BULB °C | 4.1 | 4.1 | 5.8 | 8.7 | 11.9 | 15.6 | 16.3 | 15.8 | 13.8 | 11.0 | 6.7 | 4.0 | 9.8 |
| | WET BULB °C | 3.2 | 3.1 | 4.5 | 7.1 | 9.9 | 13.3 | 14.2 | 13.9 | 12.4 | 10.0 | 5.9 | 3.2 | 8.4 |
| | VAP. PRESS. MB | 7.4 | 7.0 | 7.5 | 9.0 | 10.8 | 13.5 | 14.6 | 14.5 | 13.5 | 11.7 | 8.8 | 7.3 | 10.5 |
| | REL. HUM. % | 86 | 83 | 79 | 79 | 77 | 76 | 78 | 80 | 85 | 88 | 87 | 87 | 82 |
| | VAP. CONC. G/M ³ | 5.8 | 5.5 | 5.8 | 6.9 | 8.2 | 10.1 | 10.9 | 10.9 | 10.2 | 8.9 | 6.8 | 5.7 | 8.0 |

SHAWBURY
N.G.R. 33/553221

ALTITUDE 72 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.5 | 2.3 | 3.0 | 5.2 | 7.6 | 10.3 | 11.7 | 11.8 | 10.5 | 8.8 | 5.0 | 2.8 | 6.8 |
| | WET BULB °C | 2.0 | 1.7 | 2.3 | 4.5 | 7.0 | 9.7 | 11.0 | 11.2 | 9.9 | 8.2 | 4.4 | 2.3 | 6.2 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.9 | 8.0 | 9.6 | 11.6 | 12.8 | 13.0 | 12.0 | 10.7 | 8.1 | 7.0 | 9.4 |
| | REL. HUM. % | 89 | 88 | 88 | 89 | 91 | 92 | 92 | 93 | 93 | 92 | 91 | 90 | 91 |
| | VAP. CONC. G/M ³ | 5.3 | 5.1 | 5.4 | 6.2 | 7.4 | 8.9 | 9.7 | 9.9 | 9.2 | 8.2 | 6.3 | 5.5 | 7.3 |
| 09 | DRY BULB °C | 2.5 | 2.6 | 4.6 | 7.7 | 11.1 | 14.7 | 15.2 | 15.0 | 13.1 | 10.0 | 5.3 | 2.7 | 8.7 |
| | WET BULB °C | 1.9 | 1.9 | 3.5 | 6.3 | 9.2 | 12.3 | 13.2 | 13.3 | 11.8 | 9.2 | 4.6 | 2.2 | 7.5 |
| | VAP. PRESS. MB | 6.8 | 6.7 | 7.2 | 8.5 | 10.2 | 12.5 | 13.6 | 13.9 | 13.0 | 11.2 | 8.2 | 7.0 | 9.9 |
| | REL. HUM. % | 89 | 87 | 83 | 80 | 77 | 75 | 78 | 82 | 86 | 89 | 90 | 90 | 84 |
| | VAP. CONC. G/M ³ | 5.3 | 5.3 | 5.6 | 6.6 | 7.8 | 9.4 | 10.2 | 10.5 | 9.8 | 8.6 | 6.4 | 5.5 | 7.6 |
| 15 | DRY BULB °C | 4.8 | 5.3 | 8.0 | 10.7 | 14.2 | 17.9 | 18.1 | 18.2 | 16.3 | 13.2 | 7.8 | 4.7 | 11.6 |
| | WET BULB °C | 3.7 | 3.7 | 5.5 | 7.9 | 10.8 | 13.8 | 14.4 | 14.6 | 13.3 | 11.0 | 6.4 | 3.7 | 9.1 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.3 | 8.6 | 10.4 | 12.8 | 13.7 | 13.9 | 13.0 | 11.6 | 8.7 | 7.4 | 10.1 |
| | REL. HUM. % | 83 | 76 | 67 | 67 | 65 | 63 | 66 | 67 | 70 | 76 | 81 | 84 | 72 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.6 | 6.6 | 7.8 | 9.5 | 10.2 | 10.3 | 9.7 | 8.8 | 6.7 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 3.1 | 2.9 | 4.5 | 7.2 | 10.3 | 13.8 | 14.2 | 13.8 | 12.2 | 9.9 | 5.4 | 3.0 | 8.4 |
| | WET BULB °C | 2.5 | 2.1 | 3.5 | 6.0 | 8.8 | 11.9 | 12.6 | 12.5 | 11.2 | 9.0 | 4.7 | 2.4 | 7.3 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.2 | 8.5 | 10.3 | 12.7 | 13.6 | 13.6 | 12.6 | 11.1 | 8.2 | 7.0 | 9.9 |
| | REL. HUM. % | 89 | 86 | 84 | 83 | 81 | 80 | 83 | 85 | 88 | 89 | 89 | 90 | 86 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.6 | 6.6 | 7.9 | 9.6 | 10.3 | 10.3 | 9.6 | 8.5 | 6.4 | 5.5 | 7.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

WATNALL

1961 - 70

N.G.R. 43/503456

ALTITUDE

119METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.2 | 1.9 | 2.7 | 4.9 | 7.3 | 10.2 | 11.6 | 11.7 | 10.5 | 8.6 | 4.7 | 2.5 | 6.6 |
| | WET BULB °C | 1.8 | 1.4 | 2.1 | 4.4 | 6.7 | 9.6 | 11.0 | 11.2 | 10.1 | 8.2 | 4.3 | 2.0 | 6.1 |
| | VAP. PRESS. MB | 6.8 | 6.5 | 6.8 | 8.1 | 9.5 | 11.6 | 12.8 | 13.0 | 12.2 | 10.7 | 8.1 | 6.9 | 9.4 |
| | REL. HUM. % | 92 | 91 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 94 | 92 | 91 | 92 |
| | VAP. CONC. G/M ³ | 5.4 | 5.1 | 5.3 | 6.3 | 7.3 | 8.9 | 9.7 | 9.9 | 9.3 | 8.2 | 6.3 | 5.4 | 7.3 |
| 09 | DRY BULB °C | 2.2 | 2.2 | 4.1 | 7.5 | 11.0 | 14.8 | 15.2 | 14.9 | 13.0 | 9.8 | 5.1 | 2.4 | 8.5 |
| | WET BULB °C | 1.8 | 1.7 | 3.2 | 6.2 | 9.1 | 12.4 | 13.1 | 13.3 | 11.9 | 9.1 | 4.5 | 2.0 | 7.4 |
| | VAP. PRESS. MB | 6.8 | 6.6 | 7.1 | 8.5 | 10.2 | 12.6 | 13.5 | 14.1 | 13.1 | 11.2 | 8.2 | 6.9 | 9.9 |
| | REL. HUM. % | 92 | 90 | 84 | 81 | 78 | 74 | 78 | 83 | 87 | 91 | 92 | 91 | 85 |
| | VAP. CONC. G/M ³ | 5.4 | 5.2 | 5.6 | 6.6 | 7.8 | 9.5 | 10.2 | 10.6 | 9.9 | 8.6 | 6.4 | 5.4 | 7.6 |
| 15 | DRY BULB °C | 4.3 | 4.8 | 7.6 | 10.5 | 14.2 | 18.2 | 18.2 | 18.1 | 16.5 | 13.0 | 7.3 | 4.1 | 11.4 |
| | WET BULB °C | 3.3 | 3.5 | 5.3 | 7.8 | 10.8 | 14.0 | 14.6 | 14.7 | 13.5 | 10.9 | 6.1 | 3.3 | 9.0 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.2 | 8.6 | 10.5 | 12.9 | 13.9 | 14.2 | 13.2 | 11.6 | 8.7 | 7.3 | 10.2 |
| | REL. HUM. % | 85 | 80 | 69 | 68 | 65 | 63 | 66 | 69 | 71 | 77 | 84 | 86 | 74 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.6 | 6.6 | 7.9 | 9.6 | 10.3 | 10.6 | 9.9 | 8.8 | 6.7 | 5.7 | 7.7 |
| 21 | DRY BULB °C | 2.7 | 2.6 | 4.1 | 6.7 | 9.9 | 13.5 | 14.3 | 13.8 | 12.2 | 9.6 | 5.2 | 2.8 | 8.1 |
| | WET BULB °C | 2.2 | 2.0 | 3.2 | 5.7 | 8.6 | 11.7 | 12.7 | 12.5 | 11.2 | 8.9 | 4.6 | 2.3 | 7.1 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.1 | 8.6 | 10.2 | 12.4 | 13.6 | 13.6 | 12.7 | 11.1 | 8.2 | 7.0 | 9.9 |
| | REL. HUM. % | 91 | 89 | 85 | 85 | 82 | 80 | 83 | 86 | 88 | 91 | 91 | 91 | 87 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.6 | 6.7 | 7.8 | 9.4 | 10.3 | 10.3 | 9.6 | 8.5 | 6.4 | 5.5 | 7.6 |

5 ENGLAND SOUTH EAST & CENTRAL SOUTHERN

BOSCOMBE DOWN

1961 - 70

N.G.R. 41/172403

ALTITUDE

126METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.6 | 2.4 | 3.0 | 5.3 | 7.6 | 10.6 | 11.9 | 12.1 | 11.0 | 9.0 | 5.2 | 2.9 | 7.0 |
| | WET BULB °C | 2.2 | 1.9 | 2.5 | 4.7 | 7.0 | 9.9 | 11.3 | 11.5 | 10.5 | 8.5 | 4.7 | 2.4 | 6.4 |
| | VAP. PRESS. MB | 7.0 | 6.8 | 7.0 | 8.3 | 9.7 | 11.8 | 13.1 | 13.3 | 12.5 | 11.0 | 8.4 | 7.2 | 9.7 |
| | REL. HUM. % | 91 | 89 | 89 | 91 | 92 | 91 | 93 | 93 | 94 | 93 | 91 | 91 | 91 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.5 | 6.5 | 7.5 | 9.0 | 10.0 | 10.1 | 9.5 | 8.5 | 6.5 | 5.7 | 7.5 |
| 09 | DRY BULB °C | 2.6 | 2.7 | 4.7 | 8.1 | 11.7 | 15.1 | 16.0 | 15.6 | 13.5 | 10.4 | 5.7 | 3.1 | 9.1 |
| | WET BULB °C | 2.2 | 2.1 | 3.7 | 6.8 | 9.7 | 12.7 | 13.7 | 13.7 | 12.3 | 9.6 | 5.1 | 2.6 | 7.9 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.4 | 9.0 | 10.7 | 12.9 | 14.1 | 14.3 | 13.5 | 11.6 | 8.5 | 7.3 | 10.3 |
| | REL. HUM. % | 91 | 89 | 85 | 82 | 77 | 75 | 77 | 81 | 86 | 90 | 90 | 91 | 85 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.8 | 6.9 | 8.1 | 9.7 | 10.6 | 10.7 | 10.2 | 8.9 | 6.6 | 5.7 | 7.9 |
| 15 | DRY BULB °C | 4.8 | 5.6 | 8.3 | 11.1 | 14.5 | 18.3 | 19.2 | 18.8 | 17.1 | 13.7 | 8.2 | 5.0 | 12.1 |
| | WET BULB °C | 3.8 | 4.0 | 5.8 | 8.3 | 11.1 | 14.1 | 15.1 | 14.9 | 13.9 | 11.5 | 6.8 | 4.1 | 9.5 |
| | VAP. PRESS. MB | 7.5 | 7.1 | 7.5 | 8.9 | 10.6 | 12.9 | 14.2 | 14.1 | 13.4 | 12.0 | 9.0 | 7.6 | 10.4 |
| | REL. HUM. % | 84 | 77 | 67 | 67 | 65 | 62 | 64 | 65 | 69 | 75 | 81 | 84 | 72 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.8 | 6.8 | 8.0 | 9.6 | 10.5 | 10.5 | 10.0 | 9.1 | 6.9 | 5.9 | 7.9 |
| 21 | DRY BULB °C | 3.1 | 3.1 | 4.4 | 7.2 | 10.1 | 13.7 | 14.5 | 14.1 | 12.5 | 10.0 | 5.8 | 3.1 | 8.5 |
| | WET BULB °C | 2.5 | 2.3 | 3.5 | 6.1 | 8.7 | 12.0 | 13.0 | 12.8 | 11.5 | 9.3 | 5.2 | 2.6 | 7.5 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.3 | 8.6 | 10.3 | 12.8 | 13.9 | 13.8 | 12.9 | 11.4 | 8.5 | 7.1 | 10.1 |
| | REL. HUM. % | 90 | 87 | 85 | 83 | 83 | 81 | 83 | 85 | 88 | 91 | 90 | 90 | 86 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.7 | 6.7 | 7.9 | 9.7 | 10.5 | 10.4 | 9.8 | 8.7 | 6.6 | 5.6 | 7.7 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

DUNGENESS

1961 - 70

N.G.R. 61/091171

ALTITUDE 3 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.9 | 3.6 | 4.1 | 6.2 | 9.1 | 11.8 | 13.8 | 14.4 | 13.6 | 11.6 | 7.6 | 4.2 | 8.7 |
| | WET BULB °C | 3.3 | 2.9 | 3.4 | 5.6 | 8.4 | 11.0 | 13.0 | 13.5 | 12.7 | 10.6 | 6.8 | 3.5 | 7.9 |
| | VAP. PRESS. MB | 7.4 | 7.2 | 7.4 | 8.7 | 10.5 | 12.7 | 14.4 | 14.9 | 14.1 | 12.3 | 9.5 | 7.5 | 10.5 |
| | REL. HUM. % | 89 | 88 | 88 | 90 | 90 | 91 | 91 | 90 | 89 | 88 | 88 | 87 | 89 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 5.8 | 6.8 | 8.1 | 9.7 | 10.9 | 11.2 | 10.7 | 9.4 | 7.3 | 5.9 | 8.1 |
| 09 | DRY BULB °C | 3.8 | 3.6 | 5.2 | 8.2 | 11.7 | 14.8 | 16.4 | 16.7 | 15.4 | 12.5 | 7.8 | 4.3 | 10.0 |
| | WET BULB °C | 3.1 | 2.9 | 4.3 | 7.1 | 10.1 | 13.0 | 14.6 | 14.9 | 14.0 | 11.3 | 6.9 | 3.6 | 8.8 |
| | VAP. PRESS. MB | 7.4 | 7.2 | 7.7 | 9.3 | 11.2 | 13.7 | 15.3 | 15.5 | 14.9 | 12.7 | 9.5 | 7.6 | 11.0 |
| | REL. HUM. % | 89 | 88 | 86 | 85 | 81 | 81 | 82 | 81 | 85 | 86 | 87 | 88 | 85 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 6.0 | 7.2 | 8.5 | 10.3 | 11.5 | 11.6 | 11.2 | 9.6 | 7.3 | 5.9 | 8.4 |
| 15 | DRY BULB °C | 5.1 | 5.7 | 7.4 | 9.7 | 13.0 | 16.2 | 17.8 | 18.4 | 17.5 | 14.6 | 9.3 | 5.7 | 11.7 |
| | WET BULB °C | 4.2 | 4.4 | 5.7 | 7.7 | 10.9 | 13.8 | 15.5 | 15.9 | 15.1 | 12.5 | 7.9 | 4.7 | 9.9 |
| | VAP. PRESS. MB | 7.7 | 7.5 | 7.9 | 9.5 | 11.4 | 13.9 | 15.8 | 16.1 | 15.3 | 13.0 | 9.8 | 7.9 | 11.3 |
| | REL. HUM. % | 85 | 80 | 77 | 78 | 76 | 76 | 77 | 76 | 76 | 77 | 82 | 84 | 79 |
| | VAP. CONC. G/M ³ | 6.0 | 5.8 | 6.1 | 7.3 | 8.6 | 10.4 | 11.8 | 12.0 | 11.4 | 9.8 | 7.5 | 6.1 | 8.6 |
| 21 | DRY BULB °C | 4.3 | 4.1 | 5.3 | 7.5 | 10.5 | 13.4 | 15.3 | 16.0 | 15.0 | 12.6 | 8.1 | 4.5 | 9.7 |
| | WET BULB °C | 3.6 | 3.3 | 4.4 | 6.6 | 9.4 | 12.4 | 14.2 | 14.7 | 13.8 | 11.4 | 7.0 | 3.7 | 8.7 |
| | VAP. PRESS. MB | 7.5 | 7.3 | 7.8 | 9.1 | 11.1 | 13.5 | 15.4 | 15.7 | 14.9 | 12.8 | 9.5 | 7.6 | 11.0 |
| | REL. HUM. % | 88 | 86 | 86 | 88 | 87 | 87 | 88 | 86 | 86 | 86 | 86 | 87 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.7 | 6.1 | 7.0 | 8.5 | 10.2 | 11.6 | 11.8 | 11.2 | 9.7 | 7.3 | 5.9 | 8.4 |

GATWICK AIRPORT

1961 - 70

N.G.R. 51/265407

ALTITUDE 59 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.5 | 2.4 | 2.9 | 4.8 | 7.4 | 10.0 | 11.8 | 11.8 | 10.4 | 8.5 | 5.2 | 2.6 | 6.7 |
| | WET BULB °C | 2.0 | 1.8 | 2.3 | 4.4 | 7.0 | 9.6 | 11.3 | 11.4 | 10.1 | 8.1 | 4.7 | 2.1 | 6.2 |
| | VAP. PRESS. MB | 7.0 | 6.8 | 7.0 | 8.2 | 9.8 | 11.8 | 13.2 | 13.3 | 12.4 | 10.8 | 8.4 | 7.1 | 9.7 |
| | REL. HUM. % | 91 | 89 | 90 | 93 | 93 | 94 | 94 | 95 | 96 | 95 | 92 | 91 | 93 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.5 | 6.4 | 7.6 | 9.0 | 10.0 | 10.1 | 9.5 | 8.3 | 6.5 | 5.6 | 7.5 |
| 09 | DRY BULB °C | 2.6 | 2.9 | 4.8 | 8.4 | 12.3 | 15.7 | 16.6 | 16.1 | 14.0 | 10.6 | 5.8 | 2.8 | 9.4 |
| | WET BULB °C | 2.2 | 2.2 | 3.8 | 7.1 | 10.2 | 13.1 | 14.3 | 14.3 | 12.9 | 9.8 | 5.2 | 2.3 | 8.1 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.4 | 9.2 | 10.9 | 13.2 | 14.5 | 14.9 | 14.1 | 11.8 | 8.7 | 7.2 | 10.5 |
| | REL. HUM. % | 91 | 88 | 84 | 82 | 76 | 74 | 77 | 81 | 87 | 90 | 91 | 91 | 84 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.8 | 7.1 | 8.3 | 9.9 | 10.8 | 11.2 | 10.6 | 9.0 | 6.8 | 5.7 | 8.0 |
| 15 | DRY BULB °C | 4.9 | 5.9 | 8.6 | 11.5 | 14.9 | 18.7 | 19.7 | 19.3 | 17.7 | 14.3 | 8.6 | 5.2 | 12.4 |
| | WET BULB °C | 3.9 | 4.2 | 6.0 | 8.7 | 11.4 | 14.5 | 15.5 | 15.5 | 14.4 | 11.9 | 7.2 | 4.1 | 9.8 |
| | VAP. PRESS. MB | 7.5 | 7.2 | 7.5 | 9.2 | 10.9 | 13.4 | 14.5 | 14.7 | 14.0 | 12.3 | 9.2 | 7.6 | 10.7 |
| | REL. HUM. % | 83 | 75 | 66 | 67 | 65 | 63 | 63 | 66 | 69 | 75 | 80 | 83 | 71 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 5.8 | 7.0 | 8.2 | 10.0 | 10.7 | 10.9 | 10.4 | 9.3 | 7.1 | 5.9 | 8.1 |
| 21 | DRY BULB °C | 3.0 | 3.1 | 4.6 | 7.2 | 10.3 | 13.9 | 14.9 | 14.3 | 12.4 | 9.7 | 5.9 | 3.0 | 8.5 |
| | WET BULB °C | 2.5 | 2.4 | 3.7 | 6.2 | 9.1 | 12.2 | 13.4 | 13.2 | 11.6 | 9.1 | 5.3 | 2.5 | 7.6 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.3 | 8.8 | 10.7 | 13.0 | 14.4 | 14.5 | 13.3 | 11.4 | 8.7 | 7.2 | 10.3 |
| | REL. HUM. % | 90 | 87 | 84 | 85 | 84 | 82 | 85 | 88 | 91 | 92 | 91 | 90 | 87 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.7 | 6.8 | 8.2 | 9.8 | 10.8 | 10.9 | 10.1 | 8.7 | 6.8 | 5.7 | 7.9 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

1961 - 70

KEW *

N.G.R. 51/171757

ALTITUDE 6 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.6 | 3.6 | 4.3 | 6.5 | 9.1 | 11.9 | 13.7 | 13.5 | 12.1 | 10.0 | 6.5 | 3.9 | 8.2 |
| | WET BULB °C | 2.8 | 2.6 | 3.2 | 5.5 | 8.0 | 10.7 | 12.4 | 12.4 | 11.2 | 9.1 | 5.5 | 3.1 | 7.2 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.0 | 8.4 | 10.0 | 12.0 | 13.4 | 13.6 | 12.8 | 11.1 | 8.5 | 7.2 | 9.8 |
| | REL. HUM. % | 86 | 83 | 83 | 85 | 86 | 86 | 86 | 88 | 90 | 89 | 86 | 86 | 86 |
| | VAP. CONC. G/M ³ | 5.5 | 5.2 | 5.5 | 6.5 | 7.7 | 9.1 | 10.1 | 10.3 | 9.7 | 8.5 | 6.6 | 5.6 | 7.5 |
| 09 | DRY BULB °C | 3.8 | 4.0 | 5.6 | 8.9 | 12.7 | 16.1 | 16.9 | 16.4 | 14.6 | 11.5 | 6.9 | 4.1 | 10.1 |
| | WET BULB °C | 2.8 | 2.8 | 4.0 | 7.0 | 10.0 | 12.8 | 14.0 | 14.0 | 12.8 | 10.2 | 5.8 | 3.2 | 8.3 |
| | VAP. PRESS. MB | 7.0 | 6.8 | 7.1 | 8.6 | 10.2 | 12.4 | 13.7 | 14.1 | 13.5 | 11.6 | 8.6 | 7.2 | 10.1 |
| | REL. HUM. % | 85 | 81 | 77 | 75 | 69 | 68 | 71 | 76 | 81 | 85 | 84 | 86 | 78 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.5 | 6.6 | 7.7 | 9.3 | 10.2 | 10.6 | 10.2 | 8.8 | 6.7 | 5.6 | 7.7 |
| 15 | DRY BULB °C | 5.6 | 6.3 | 8.9 | 11.9 | 15.5 | 19.3 | 20.1 | 19.7 | 17.9 | 14.6 | 9.1 | 5.6 | 12.9 |
| | WET BULB °C | 4.1 | 4.1 | 5.8 | 8.4 | 11.2 | 14.2 | 15.2 | 15.1 | 14.0 | 11.6 | 7.1 | 4.1 | 9.6 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 6.9 | 8.4 | 10.1 | 12.3 | 13.5 | 13.7 | 13.1 | 11.6 | 8.7 | 7.3 | 10.0 |
| | REL. HUM. % | 77 | 69 | 60 | 60 | 58 | 56 | 58 | 60 | 64 | 69 | 74 | 78 | 65 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.3 | 6.4 | 7.6 | 9.1 | 10.0 | 10.1 | 9.8 | 8.7 | 6.7 | 5.7 | 7.5 |
| 21 | DRY BULB °C | 4.3 | 4.4 | 6.0 | 8.7 | 12.0 | 15.7 | 16.6 | 16.0 | 14.0 | 11.2 | 7.1 | 4.3 | 10.0 |
| | WET BULB °C | 3.2 | 3.1 | 4.4 | 6.8 | 9.7 | 12.7 | 13.9 | 13.8 | 12.4 | 10.0 | 6.0 | 3.3 | 8.3 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.2 | 8.6 | 10.4 | 12.5 | 13.9 | 14.2 | 13.3 | 11.5 | 8.7 | 7.2 | 10.1 |
| | REL. HUM. % | 83 | 80 | 76 | 76 | 74 | 70 | 73 | 78 | 83 | 86 | 84 | 84 | 79 |
| | VAP. CONC. G/M ³ | 5.5 | 5.4 | 5.6 | 6.6 | 7.9 | 9.4 | 10.4 | 10.6 | 10.0 | 8.8 | 6.7 | 5.6 | 7.7 |

LONDON/HEATHROW AIRPORT

1961 - 70

N.G.R. 51/077767

ALTITUDE 25 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.1 | 3.1 | 3.8 | 6.1 | 8.9 | 11.9 | 13.5 | 13.4 | 12.0 | 9.8 | 6.0 | 3.4 | 7.9 |
| | WET BULB °C | 2.5 | 2.4 | 3.0 | 5.4 | 8.0 | 10.8 | 12.4 | 12.4 | 11.3 | 9.1 | 5.3 | 2.8 | 7.1 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.1 | 8.5 | 10.1 | 12.2 | 13.6 | 13.8 | 13.0 | 11.3 | 8.6 | 7.2 | 9.9 |
| | REL. HUM. % | 90 | 87 | 87 | 89 | 88 | 87 | 87 | 89 | 91 | 91 | 89 | 89 | 89 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.6 | 6.6 | 7.8 | 9.3 | 10.3 | 10.4 | 9.9 | 8.7 | 6.7 | 5.6 | 7.7 |
| 09 | DRY BULB °C | 3.1 | 3.4 | 5.1 | 8.6 | 12.4 | 15.9 | 16.7 | 16.2 | 14.2 | 11.1 | 6.4 | 3.5 | 9.7 |
| | WET BULB °C | 2.5 | 2.6 | 3.9 | 7.0 | 10.0 | 12.9 | 13.9 | 14.0 | 12.6 | 10.0 | 5.6 | 2.9 | 8.2 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.3 | 8.9 | 10.5 | 12.6 | 13.9 | 14.4 | 13.5 | 11.6 | 8.7 | 7.3 | 10.2 |
| | REL. HUM. % | 89 | 86 | 81 | 79 | 72 | 70 | 72 | 78 | 83 | 87 | 88 | 89 | 81 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.7 | 6.8 | 8.0 | 9.5 | 10.4 | 10.8 | 10.2 | 8.8 | 6.7 | 5.7 | 7.8 |
| 15 | DRY BULB °C | 5.3 | 6.2 | 9.1 | 12.0 | 15.6 | 19.5 | 20.3 | 20.0 | 18.2 | 14.7 | 9.0 | 5.4 | 12.9 |
| | WET BULB °C | 4.1 | 4.4 | 6.1 | 8.7 | 11.5 | 14.4 | 15.3 | 15.4 | 14.3 | 11.9 | 7.2 | 4.3 | 9.8 |
| | VAP. PRESS. MB | 7.4 | 7.1 | 7.3 | 8.8 | 10.4 | 12.4 | 13.6 | 14.0 | 13.3 | 11.9 | 9.0 | 7.6 | 10.2 |
| | REL. HUM. % | 81 | 73 | 63 | 63 | 59 | 56 | 58 | 60 | 64 | 70 | 77 | 82 | 67 |
| | VAP. CONC. G/M ³ | 5.8 | 5.5 | 5.6 | 6.7 | 7.8 | 9.2 | 10.0 | 10.4 | 9.9 | 9.0 | 6.9 | 5.9 | 7.7 |
| 21 | DRY BULB °C | 3.7 | 3.9 | 5.6 | 8.5 | 12.0 | 15.9 | 16.8 | 16.2 | 14.2 | 11.3 | 6.7 | 3.8 | 9.9 |
| | WET BULB °C | 3.0 | 3.0 | 4.3 | 7.0 | 9.9 | 13.0 | 14.1 | 13.9 | 12.6 | 10.2 | 5.9 | 3.1 | 8.3 |
| | VAP. PRESS. MB | 7.2 | 7.0 | 7.4 | 8.9 | 10.6 | 12.7 | 14.1 | 14.2 | 13.4 | 11.7 | 8.8 | 7.3 | 10.3 |
| | REL. HUM. % | 87 | 84 | 80 | 79 | 75 | 70 | 74 | 77 | 82 | 86 | 87 | 88 | 81 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.8 | 6.9 | 8.1 | 9.5 | 10.5 | 10.6 | 10.1 | 8.9 | 6.8 | 5.7 | 7.8 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

MANSTON

1961 - 70

N.G.R. 61/335666

ALTITUDE

44 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.2 | 3.2 | 3.9 | 6.0 | 8.9 | 11.5 | 13.5 | 13.6 | 12.6 | 10.4 | 6.7 | 3.8 | 8.1 |
| | WET BULB °C | 2.6 | 2.5 | 3.1 | 5.4 | 8.1 | 10.7 | 12.6 | 12.8 | 11.8 | 9.6 | 5.9 | 3.1 | 7.3 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.2 | 8.6 | 10.3 | 12.3 | 14.0 | 14.2 | 13.4 | 11.6 | 8.9 | 7.3 | 10.1 |
| | REL. HUM. % | 89 | 87 | 88 | 91 | 89 | 90 | 90 | 90 | 91 | 91 | 88 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.6 | 6.7 | 7.9 | 9.4 | 10.6 | 10.7 | 10.2 | 8.9 | 6.9 | 5.7 | 7.8 |
| 09 | DRY BULB °C | 3.3 | 3.5 | 5.3 | 8.4 | 12.1 | 15.3 | 16.7 | 16.5 | 15.1 | 12.1 | 7.2 | 3.9 | 9.9 |
| | WET BULB °C | 2.7 | 2.7 | 4.3 | 7.1 | 10.1 | 13.0 | 14.3 | 14.4 | 13.4 | 10.9 | 6.3 | 3.2 | 8.5 |
| | VAP. PRESS. MB | 7.1 | 7.0 | 7.6 | 9.2 | 10.9 | 13.2 | 14.6 | 14.6 | 14.2 | 12.4 | 9.0 | 7.3 | 10.6 |
| | REL. HUM. % | 89 | 87 | 83 | 83 | 77 | 76 | 77 | 78 | 82 | 86 | 87 | 88 | 83 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.9 | 7.1 | 8.3 | 9.9 | 10.9 | 11.1 | 10.7 | 9.4 | 7.0 | 5.7 | 8.1 |
| 15 | DRY BULB °C | 4.6 | 5.3 | 7.9 | 10.5 | 14.1 | 17.4 | 18.9 | 18.8 | 17.5 | 14.0 | 8.5 | 5.0 | 11.9 |
| | WET BULB °C | 3.6 | 4.0 | 5.7 | 8.2 | 11.1 | 13.9 | 15.3 | 15.3 | 14.3 | 11.8 | 7.2 | 4.0 | 9.5 |
| | VAP. PRESS. MB | 7.3 | 7.2 | 7.6 | 9.2 | 11.0 | 13.2 | 14.7 | 14.7 | 13.9 | 12.3 | 9.2 | 7.5 | 10.7 |
| | REL. HUM. % | 84 | 79 | 71 | 72 | 68 | 67 | 68 | 68 | 70 | 76 | 81 | 84 | 74 |
| | VAP. CONC. G/M ³ | 5.7 | 5.6 | 5.9 | 7.0 | 8.3 | 9.9 | 10.9 | 10.9 | 10.4 | 9.3 | 7.1 | 5.8 | 8.1 |
| 21 | DRY BULB °C | 3.5 | 3.7 | 4.8 | 7.2 | 10.3 | 13.3 | 14.9 | 15.1 | 13.7 | 11.2 | 7.0 | 3.9 | 9.1 |
| | WET BULB °C | 2.8 | 2.8 | 3.9 | 6.3 | 9.1 | 11.9 | 13.4 | 13.7 | 12.5 | 10.3 | 6.1 | 3.1 | 8.0 |
| | VAP. PRESS. MB | 7.1 | 7.0 | 7.5 | 8.9 | 10.7 | 12.9 | 14.4 | 14.7 | 13.7 | 12.0 | 8.9 | 7.2 | 10.4 |
| | REL. HUM. % | 88 | 85 | 85 | 87 | 84 | 83 | 84 | 85 | 86 | 88 | 87 | 87 | 86 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.9 | 6.9 | 8.2 | 9.8 | 10.8 | 11.1 | 10.4 | 9.1 | 6.9 | 5.6 | 8.0 |

SOUTH FARNBOROUGH

1961 - 70

N.G.R. 41/867548

ALTITUDE

69 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.8 | 2.7 | 3.2 | 5.4 | 8.1 | 11.0 | 12.6 | 12.5 | 11.2 | 9.1 | 5.7 | 2.9 | 7.3 |
| | WET BULB °C | 2.3 | 2.1 | 2.5 | 4.8 | 7.4 | 10.2 | 11.8 | 11.8 | 10.6 | 8.5 | 5.1 | 2.4 | 6.6 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.0 | 8.3 | 9.9 | 12.0 | 13.4 | 13.5 | 12.5 | 11.0 | 8.6 | 7.1 | 9.8 |
| | REL. HUM. % | 90 | 89 | 89 | 91 | 91 | 90 | 91 | 92 | 93 | 93 | 91 | 90 | 91 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.5 | 6.5 | 7.6 | 9.2 | 10.2 | 10.2 | 9.5 | 8.4 | 6.7 | 5.6 | 7.5 |
| 09 | DRY BULB °C | 2.9 | 3.1 | 5.1 | 8.4 | 12.3 | 15.6 | 16.5 | 15.9 | 14.0 | 10.8 | 6.1 | 3.2 | 9.5 |
| | WET BULB °C | 2.4 | 2.4 | 4.0 | 7.0 | 10.2 | 13.0 | 14.1 | 14.1 | 12.7 | 9.9 | 5.4 | 2.6 | 8.1 |
| | VAP. PRESS. MB | 7.1 | 7.0 | 7.5 | 9.1 | 10.9 | 13.1 | 14.4 | 14.7 | 13.8 | 11.7 | 8.7 | 7.2 | 10.4 |
| | REL. HUM. % | 90 | 87 | 83 | 81 | 76 | 74 | 76 | 80 | 85 | 89 | 89 | 90 | 83 |
| | VAP. CONC. G/M ³ | 5.6 | 5.5 | 5.8 | 7.0 | 8.3 | 9.8 | 10.8 | 11.0 | 10.4 | 8.9 | 6.8 | 5.6 | 8.0 |
| 15 | DRY BULB °C | 5.1 | 6.1 | 8.8 | 11.6 | 15.1 | 19.0 | 19.8 | 19.4 | 17.7 | 14.3 | 8.7 | 5.3 | 12.6 |
| | WET BULB °C | 4.0 | 4.4 | 5.2 | 8.8 | 11.6 | 14.6 | 15.6 | 15.5 | 14.4 | 11.8 | 7.2 | 4.2 | 9.9 |
| | VAP. PRESS. MB | 7.5 | 7.3 | 7.6 | 9.2 | 11.0 | 13.3 | 14.5 | 14.7 | 13.8 | 12.1 | 9.1 | 7.6 | 10.6 |
| | REL. HUM. % | 82 | 75 | 66 | 67 | 65 | 61 | 63 | 65 | 68 | 73 | 79 | 83 | 71 |
| | VAP. CONC. G/M ³ | 5.8 | 5.7 | 5.8 | 7.0 | 8.3 | 9.9 | 10.7 | 10.9 | 10.3 | 9.1 | 7.0 | 5.9 | 8.0 |
| 21 | DRY BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | WET BULB °C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. PRESS. MB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | REL. HUM. % | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | VAP. CONC. G/M ³ | - | - | - | - | - | - | - | - | - | - | - | - | - |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

THORNEY ISLAND
N.G.R. 41/760026

ALTITUDE 4 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.7 | 3.5 | 4.1 | 6.3 | 8.9 | 11.7 | 13.4 | 13.6 | 12.5 | 10.5 | 6.8 | 4.0 | 8.3 |
| | WET BULB °C | 3.1 | 2.9 | 3.5 | 5.7 | 8.2 | 11.0 | 12.6 | 12.8 | 11.8 | 9.8 | 6.1 | 3.4 | 7.6 |
| | VAP. PRESS. MB | 7.5 | 7.2 | 7.5 | 8.8 | 10.5 | 12.6 | 14.1 | 14.3 | 13.5 | 11.9 | 9.2 | 7.6 | 10.4 |
| | REL. HUM. % | 90 | 89 | 89 | 91 | 91 | 91 | 91 | 91 | 92 | 92 | 90 | 89 | 91 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 6.8 | 8.1 | 9.6 | 10.7 | 10.8 | 10.2 | 9.1 | 7.1 | 5.9 | 8.0 |
| 09 | DRY BULB °C | 3.6 | 3.7 | 5.4 | 8.9 | 12.4 | 15.7 | 16.8 | 16.6 | 14.9 | 11.8 | 7.1 | 4.2 | 10.1 |
| | WET BULB °C | 3.1 | 3.0 | 4.4 | 7.5 | 10.4 | 13.4 | 14.6 | 14.6 | 13.5 | 10.8 | 6.4 | 3.6 | 8.8 |
| | VAP. PRESS. MB | 7.4 | 7.2 | 7.8 | 9.4 | 11.2 | 13.6 | 14.9 | 15.1 | 14.5 | 12.4 | 9.2 | 7.7 | 10.9 |
| | REL. HUM. % | 90 | 88 | 85 | 82 | 78 | 76 | 77 | 80 | 85 | 88 | 89 | 90 | 84 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 6.1 | 7.2 | 8.5 | 10.2 | 11.1 | 11.3 | 10.9 | 9.4 | 7.1 | 6.0 | 8.3 |
| 15 | DRY BULB °C | 5.5 | 6.3 | 8.3 | 11.0 | 14.3 | 17.6 | 18.9 | 18.8 | 17.4 | 14.6 | 9.4 | 6.0 | 12.3 |
| | WET BULB °C | 4.5 | 4.7 | 6.2 | 8.7 | 11.5 | 14.5 | 15.6 | 15.7 | 14.6 | 12.3 | 7.9 | 4.9 | 10.1 |
| | VAP. PRESS. MB | 7.8 | 7.4 | 8.0 | 9.5 | 11.5 | 14.0 | 15.2 | 15.4 | 14.4 | 12.7 | 9.6 | 8.0 | 11.1 |
| | REL. HUM. % | 83 | 76 | 72 | 72 | 71 | 70 | 70 | 71 | 73 | 76 | 80 | 83 | 75 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.2 | 7.2 | 8.7 | 10.4 | 11.3 | 11.4 | 10.7 | 9.6 | 7.4 | 6.2 | 8.4 |
| 21 | DRY BULB °C | 4.0 | 4.0 | 5.5 | 8.0 | 11.0 | 14.4 | 15.7 | 15.5 | 13.9 | 11.3 | 7.3 | 4.2 | 9.6 |
| | WET BULB °C | 3.4 | 3.2 | 4.5 | 6.9 | 9.8 | 12.9 | 14.2 | 14.2 | 12.8 | 10.5 | 6.5 | 3.5 | 8.5 |
| | VAP. PRESS. MB | 7.6 | 7.2 | 7.8 | 9.2 | 11.2 | 13.7 | 15.0 | 15.2 | 14.0 | 12.3 | 9.2 | 7.6 | 10.8 |
| | REL. HUM. % | 89 | 86 | 85 | 85 | 85 | 83 | 84 | 86 | 88 | 90 | 88 | 89 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 6.1 | 7.1 | 8.5 | 10.3 | 11.3 | 11.4 | 10.6 | 9.4 | 7.1 | 5.9 | 8.3 |

7A ENGLAND NORTH WEST & ISLE OF MAN

BLACKPOOL/SQUIRES GATE AIRPORT

N.G.R. 34/316317

ALTITUDE 10 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | - | - | - | - | 8.3 | 11.1 | 12.8 | 12.8 | - | - | - | - | - |
| | WET BULB °C | - | - | - | - | 7.5 | 10.2 | 11.9 | 12.0 | - | - | - | - | - |
| | VAP. PRESS. MB | - | - | - | - | 9.9 | 12.0 | 13.3 | 13.5 | - | - | - | - | - |
| | REL. HUM. % | - | - | - | - | 90 | 90 | 89 | 90 | - | - | - | - | - |
| | VAP. CONC. G/M ³ | - | - | - | - | 7.6 | 9.2 | 10.1 | 10.2 | - | - | - | - | - |
| 09 | DRY BULB °C | 2.9 | 3.1 | 5.0 | 7.9 | 11.5 | 15.0 | 15.1 | 15.5 | 13.8 | 10.9 | 6.1 | 3.4 | 9.2 |
| | WET BULB °C | 2.4 | 2.4 | 4.1 | 6.7 | 9.8 | 12.9 | 13.3 | 13.8 | 12.5 | 10.0 | 5.3 | 2.8 | 8.0 |
| | VAP. PRESS. MB | 7.1 | 6.9 | 7.6 | 8.9 | 10.8 | 13.3 | 14.0 | 14.5 | 13.6 | 11.7 | 8.5 | 7.2 | 10.3 |
| | REL. HUM. % | 91 | 88 | 86 | 83 | 79 | 78 | 81 | 82 | 86 | 89 | 89 | 89 | 85 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.9 | 6.9 | 8.2 | 10.0 | 10.5 | 10.9 | 10.3 | 8.9 | 6.6 | 5.6 | 7.9 |
| 15 | DRY BULB °C | 4.9 | 5.4 | 7.5 | 10.0 | 13.2 | 16.7 | 16.9 | 17.3 | 15.8 | 13.0 | 8.0 | 5.0 | 11.1 |
| | WET BULB °C | 4.1 | 4.2 | 5.7 | 8.0 | 10.8 | 13.8 | 14.3 | 14.7 | 13.7 | 11.3 | 6.7 | 4.1 | 9.3 |
| | VAP. PRESS. MB | 7.7 | 7.4 | 7.9 | 9.2 | 11.1 | 13.6 | 14.2 | 14.8 | 14.0 | 12.2 | 9.0 | 7.7 | 10.7 |
| | REL. HUM. % | 86 | 80 | 76 | 75 | 73 | 72 | 74 | 75 | 77 | 81 | 83 | 86 | 78 |
| | VAP. CONC. G/M ³ | 6.0 | 5.8 | 6.1 | 7.0 | 8.4 | 10.2 | 10.6 | 11.0 | 10.5 | 9.2 | 6.9 | 6.0 | 8.1 |
| 21 | DRY BULB °C | 3.5 | 3.2 | 4.8 | 6.9 | 10.2 | 13.7 | 14.5 | 14.5 | 13.0 | 10.4 | 6.3 | 3.9 | 8.7 |
| | WET BULB °C | 2.9 | 2.5 | 3.9 | 6.0 | 8.9 | 12.2 | 13.0 | 13.2 | 11.9 | 9.6 | 5.5 | 3.2 | 7.7 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.6 | 8.8 | 10.5 | 13.1 | 13.8 | 14.2 | 13.2 | 11.5 | 8.6 | 7.4 | 10.2 |
| | REL. HUM. % | 90 | 87 | 87 | 87 | 84 | 83 | 83 | 85 | 88 | 90 | 88 | 89 | 87 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.9 | 6.8 | 8.0 | 9.9 | 10.4 | 10.7 | 10.0 | 8.8 | 6.7 | 5.8 | 7.8 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

CARLISLE

1961 - 70

N.G.R. 35/384603

ALTITUDE

26 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.8 | 2.1 | 3.4 | 4.8 | 7.4 | 10.3 | 11.4 | 11.7 | 10.9 | 9.0 | 4.8 | 2.7 | 6.8 |
| | WET BULB °C | 2.0 | 1.4 | 2.6 | 4.1 | 6.5 | 9.5 | 10.7 | 11.0 | 10.2 | 8.2 | 4.1 | 2.0 | 6.0 |
| | VAP. PRESS. MB | 6.7 | 6.3 | 6.9 | 7.8 | 9.2 | 11.4 | 12.5 | 12.7 | 12.0 | 10.5 | 7.8 | 6.8 | 9.2 |
| | REL. HUM. % | 87 | 86 | 86 | 88 | 88 | 90 | 91 | 91 | 91 | 89 | 88 | 88 | 89 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.4 | 6.1 | 7.1 | 8.7 | 9.5 | 9.7 | 9.2 | 8.1 | 6.1 | 5.3 | 7.1 |
| 09 | DRY BULB °C | 2.8 | 2.3 | 4.4 | 7.4 | 10.7 | 14.3 | 14.5 | 14.5 | 13.0 | 10.0 | 5.0 | 2.5 | 8.5 |
| | WET BULB °C | 2.1 | 1.5 | 3.3 | 5.9 | 8.7 | 12.0 | 12.5 | 12.8 | 11.6 | 8.9 | 4.2 | 1.8 | 7.1 |
| | VAP. PRESS. MB | 6.7 | 6.3 | 7.1 | 8.2 | 9.8 | 12.3 | 13.1 | 13.6 | 12.7 | 10.8 | 7.9 | 6.6 | 9.6 |
| | REL. HUM. % | 87 | 85 | 82 | 78 | 76 | 75 | 79 | 81 | 84 | 86 | 87 | 87 | 82 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.5 | 6.3 | 7.5 | 9.3 | 9.9 | 10.3 | 9.6 | 8.3 | 6.2 | 5.2 | 7.4 |
| 15 | DRY BULB °C | 4.7 | 5.2 | 7.4 | 10.1 | 13.3 | 17.0 | 16.9 | 17.3 | 15.6 | 12.6 | 7.2 | 4.6 | 11.0 |
| | WET BULB °C | 3.6 | 3.6 | 5.2 | 7.5 | 10.2 | 13.4 | 13.7 | 14.2 | 12.9 | 10.6 | 5.8 | 3.5 | 8.7 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.2 | 8.3 | 10.0 | 12.7 | 13.3 | 13.8 | 12.8 | 11.3 | 8.3 | 7.2 | 9.9 |
| | REL. HUM. % | 82 | 74 | 69 | 67 | 66 | 66 | 69 | 70 | 72 | 76 | 80 | 82 | 73 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.6 | 6.4 | 7.6 | 9.5 | 9.9 | 10.3 | 9.6 | 8.6 | 6.4 | 5.6 | 7.5 |
| 21 | DRY BULB °C | 3.2 | 2.8 | 4.4 | 6.6 | 9.7 | 13.1 | 13.7 | 13.5 | 12.2 | 9.6 | 5.3 | 3.1 | 8.1 |
| | WET BULB °C | 2.4 | 1.9 | 3.4 | 5.5 | 8.3 | 11.5 | 12.2 | 12.3 | 11.1 | 8.7 | 4.5 | 2.3 | 7.0 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 7.1 | 8.2 | 9.9 | 12.3 | 13.2 | 13.5 | 12.5 | 10.7 | 8.0 | 6.8 | 9.6 |
| | REL. HUM. % | 86 | 84 | 83 | 83 | 82 | 81 | 83 | 86 | 87 | 88 | 87 | 86 | 85 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.5 | 6.4 | 7.6 | 9.3 | 10.0 | 10.2 | 9.5 | 8.2 | 6.2 | 5.3 | 7.4 |

GREAT DUN FELL

1963 - 70

N.G.R. 35/710322

ALTITUDE

847 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|-----|------|------|
| 03 | DRY BULB °C | -1.8 | -3.1 | -1.5 | 0.0 | 3.1 | 6.7 | 7.3 | 7.7 | - | - | - | - | - |
| | WET BULB °C | -1.9 | -3.1 | -1.6 | -0.2 | 2.8 | 6.3 | 7.0 | 7.5 | - | - | - | - | - |
| | VAP. PRESS. MB | 5.6 | 5.1 | 5.8 | 6.6 | 8.4 | 10.8 | 10.8 | 11.1 | - | - | - | - | - |
| | REL. HUM. % | 97 | 96 | 96 | 96 | 95 | 94 | 97 | 97 | - | - | - | - | - |
| | VAP. CONC. G/M ³ | 4.5 | 4.1 | 4.6 | 5.2 | 6.6 | 8.4 | 8.3 | 8.6 | - | - | - | - | - |
| 09 | DRY BULB °C | -1.8 | -3.0 | -1.2 | 0.7 | 4.6 | 8.6 | 8.4 | 8.8 | 7.4 | 5.0 | 0.6 | -1.4 | 3.1 |
| | WET BULB °C | -1.9 | -3.0 | -1.3 | 0.5 | 4.0 | 7.8 | 8.0 | 8.5 | 7.1 | 4.8 | 0.4 | -1.5 | 2.8 |
| | VAP. PRESS. MB | 5.7 | 5.2 | 6.0 | 7.0 | 9.8 | 12.9 | 11.8 | 12.2 | 10.9 | 9.4 | 6.9 | 5.8 | 8.6 |
| | REL. HUM. % | 96 | 95 | 96 | 96 | 92 | 91 | 96 | 96 | 96 | 96 | 96 | 97 | 95 |
| | VAP. CONC. G/M ³ | 4.6 | 4.2 | 4.8 | 5.5 | 7.7 | 9.9 | 9.1 | 9.4 | 8.4 | 7.3 | 5.5 | 4.6 | 6.7 |
| 15 | DRY BULB °C | -1.2 | -2.1 | -0.1 | 2.4 | 6.4 | 10.4 | 10.2 | 10.6 | 8.8 | 6.0 | 1.1 | -0.9 | 4.3 |
| | WET BULB °C | -1.3 | -2.1 | -0.4 | 1.8 | 5.3 | 8.9 | 9.1 | 9.6 | 8.1 | 5.6 | 0.9 | -1.1 | 3.7 |
| | VAP. PRESS. MB | 5.9 | 5.6 | 6.7 | 8.5 | 12.1 | 15.7 | 14.6 | 14.8 | 12.9 | 10.4 | 7.2 | 6.1 | 10.0 |
| | REL. HUM. % | 97 | 96 | 95 | 91 | 85 | 82 | 87 | 88 | 91 | 94 | 96 | 96 | 91 |
| | VAP. CONC. G/M ³ | 4.7 | 4.5 | 5.3 | 6.7 | 9.4 | 12.0 | 11.2 | 11.3 | 9.9 | 8.1 | 5.7 | 4.9 | 7.8 |
| 21 | DRY BULB °C | -1.6 | -2.9 | -1.0 | 0.9 | 4.1 | 7.8 | 8.2 | 8.5 | 7.2 | 5.0 | 0.6 | -1.2 | 3.0 |
| | WET BULB °C | -1.6 | -2.9 | -1.2 | 0.6 | 3.8 | 7.3 | 7.9 | 8.3 | 7.0 | 4.8 | 0.4 | -1.3 | 2.8 |
| | VAP. PRESS. MB | 5.7 | 5.2 | 6.1 | 7.1 | 9.1 | 11.7 | 11.7 | 11.7 | 10.7 | 9.3 | 7.0 | 5.8 | 8.4 |
| | REL. HUM. % | 97 | 95 | 96 | 95 | 95 | 93 | 95 | 97 | 97 | 97 | 96 | 97 | 96 |
| | VAP. CONC. G/M ³ | 4.6 | 4.2 | 4.9 | 5.6 | 7.1 | 9.0 | 9.0 | 9.0 | 8.3 | 7.2 | 5.5 | 4.6 | 6.6 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

LIVERPOOL/SPEKE AIRPORT

1961 - 70

N.G.R. 33/436821

ALTITUDE

22 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.5 | 3.2 | 4.3 | 6.1 | 9.0 | 11.9 | 13.2 | 13.2 | 12.0 | 10.1 | 6.0 | 3.9 | 8.0 |
| | WET BULB °C | 2.7 | 2.3 | 3.4 | 5.2 | 7.9 | 10.7 | 12.1 | 12.2 | 11.1 | 9.2 | 5.1 | 3.1 | 7.1 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.2 | 8.3 | 9.9 | 12.1 | 13.3 | 13.5 | 12.6 | 11.1 | 8.3 | 7.3 | 9.8 |
| | REL. HUM. % | 87 | 85 | 85 | 86 | 86 | 86 | 87 | 88 | 89 | 88 | 87 | 87 | 87 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.6 | 6.4 | 7.6 | 9.2 | 10.1 | 10.2 | 9.6 | 8.5 | 6.4 | 5.7 | 7.5 |
| 09 | DRY BULB °C | 3.3 | 3.4 | 5.2 | 8.1 | 11.5 | 15.2 | 15.4 | 15.3 | 13.5 | 10.7 | 6.1 | 3.7 | 9.3 |
| | WET BULB °C | 2.6 | 2.4 | 4.0 | 6.5 | 9.4 | 12.6 | 13.2 | 13.4 | 12.0 | 9.6 | 5.2 | 2.9 | 7.8 |
| | VAP. PRESS. MB | 7.0 | 6.7 | 7.3 | 8.6 | 10.3 | 12.6 | 13.5 | 13.9 | 13.0 | 11.2 | 8.3 | 7.2 | 10.0 |
| | REL. HUM. % | 87 | 84 | 81 | 78 | 75 | 73 | 77 | 80 | 83 | 86 | 87 | 87 | 81 |
| | VAP. CONC. G/M ³ | 5.5 | 5.3 | 5.7 | 6.6 | 7.8 | 9.5 | 10.1 | 10.4 | 9.8 | 8.6 | 6.4 | 5.6 | 7.6 |
| 15 | DRY BULB °C | 5.2 | 5.6 | 8.2 | 10.8 | 14.2 | 17.9 | 17.9 | 18.0 | 16.5 | 13.4 | 8.1 | 5.3 | 11.8 |
| | WET BULB °C | 4.0 | 4.0 | 5.8 | 8.1 | 10.8 | 13.8 | 14.2 | 14.6 | 13.5 | 11.1 | 6.6 | 4.1 | 9.2 |
| | VAP. PRESS. MB | 7.4 | 7.0 | 7.5 | 8.7 | 10.4 | 12.6 | 13.4 | 14.0 | 13.2 | 11.6 | 8.7 | 7.5 | 10.2 |
| | REL. HUM. % | 81 | 76 | 68 | 67 | 64 | 62 | 66 | 67 | 70 | 75 | 79 | 82 | 71 |
| | VAP. CONC. G/M ³ | 5.8 | 5.4 | 5.8 | 6.6 | 7.8 | 9.4 | 10.0 | 10.4 | 9.9 | 8.8 | 6.7 | 5.8 | 7.7 |
| 21 | DRY BULB °C | 4.0 | 3.8 | 5.6 | 8.0 | 11.1 | 14.6 | 15.2 | 15.0 | 13.3 | 11.0 | 6.5 | 4.1 | 9.3 |
| | WET BULB °C | 3.1 | 2.8 | 4.2 | 6.6 | 9.2 | 12.4 | 13.2 | 13.2 | 11.9 | 9.8 | 5.5 | 3.3 | 7.9 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.4 | 8.7 | 10.3 | 12.7 | 13.6 | 13.8 | 12.9 | 11.3 | 8.4 | 7.2 | 10.0 |
| | REL. HUM. % | 86 | 83 | 80 | 80 | 77 | 76 | 78 | 81 | 84 | 85 | 85 | 86 | 82 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.8 | 6.7 | 7.9 | 9.6 | 10.2 | 10.4 | 9.8 | 8.6 | 6.5 | 5.6 | 7.7 |

MANCHESTER/RINGWAY AIRPORT

1961 - 70

N.G.R. 33/821849

ALTITUDE

75 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 2.8 | 2.5 | 3.5 | 5.6 | 8.3 | 11.3 | 12.4 | 12.5 | 11.4 | 9.4 | 5.2 | 3.1 | 7.3 |
| | WET BULB °C | 2.1 | 1.6 | 2.6 | 4.7 | 7.2 | 10.0 | 11.4 | 11.5 | 10.5 | 8.5 | 4.4 | 2.4 | 6.4 |
| | VAP. PRESS. MB | 6.8 | 6.4 | 6.8 | 8.0 | 9.4 | 11.5 | 12.7 | 12.9 | 12.1 | 10.6 | 7.9 | 6.9 | 9.3 |
| | REL. HUM. % | 87 | 85 | 84 | 85 | 85 | 85 | 87 | 88 | 89 | 89 | 87 | 88 | 87 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.3 | 6.2 | 7.2 | 8.8 | 9.6 | 9.8 | 9.2 | 8.1 | 6.2 | 5.4 | 7.2 |
| 09 | DRY BULB °C | 2.8 | 2.8 | 4.7 | 7.7 | 11.2 | 14.8 | 14.9 | 15.0 | 13.3 | 10.3 | 5.4 | 3.0 | 8.8 |
| | WET BULB °C | 2.1 | 1.9 | 3.4 | 5.9 | 8.7 | 11.9 | 12.6 | 12.9 | 11.5 | 9.1 | 4.5 | 2.2 | 7.2 |
| | VAP. PRESS. MB | 6.7 | 6.4 | 6.9 | 8.1 | 9.3 | 11.7 | 12.9 | 13.3 | 12.4 | 10.8 | 7.9 | 6.8 | 9.4 |
| | REL. HUM. % | 87 | 84 | 79 | 76 | 70 | 70 | 76 | 78 | 81 | 84 | 86 | 87 | 80 |
| | VAP. CONC. G/M ³ | 5.3 | 5.0 | 5.4 | 6.3 | 7.1 | 8.8 | 9.7 | 10.0 | 9.4 | 8.3 | 6.1 | 5.3 | 7.2 |
| 15 | DRY BULB °C | 4.8 | 5.2 | 7.7 | 10.5 | 14.1 | 17.8 | 17.6 | 17.8 | 16.1 | 13.1 | 7.6 | 4.6 | 11.4 |
| | WET BULB °C | 3.5 | 3.4 | 5.0 | 7.3 | 10.1 | 13.1 | 13.7 | 13.9 | 12.7 | 10.5 | 6.0 | 3.5 | 8.6 |
| | VAP. PRESS. MB | 7.0 | 6.6 | 6.7 | 7.9 | 9.3 | 11.5 | 12.6 | 12.9 | 12.0 | 10.8 | 8.2 | 7.1 | 9.4 |
| | REL. HUM. % | 80 | 73 | 64 | 62 | 58 | 57 | 63 | 64 | 66 | 71 | 77 | 82 | 68 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.2 | 6.0 | 7.0 | 8.6 | 9.4 | 9.6 | 9.0 | 8.2 | 6.3 | 5.5 | 7.1 |
| 21 | DRY BULB °C | 3.5 | 3.2 | 4.9 | 7.5 | 10.8 | 14.4 | 14.8 | 14.5 | 12.9 | 10.3 | 5.8 | 3.4 | 8.8 |
| | WET BULB °C | 2.7 | 2.2 | 3.5 | 6.0 | 8.7 | 11.9 | 12.7 | 12.7 | 11.3 | 9.2 | 4.8 | 2.7 | 7.4 |
| | VAP. PRESS. MB | 7.0 | 6.5 | 6.9 | 8.3 | 9.8 | 12.1 | 13.1 | 13.3 | 12.3 | 10.9 | 8.0 | 7.0 | 9.6 |
| | REL. HUM. % | 86 | 82 | 78 | 78 | 75 | 73 | 77 | 80 | 82 | 85 | 85 | 86 | 81 |
| | VAP. CONC. G/M ³ | 5.5 | 5.1 | 5.4 | 6.4 | 7.5 | 9.1 | 9.9 | 10.0 | 9.3 | 8.3 | 6.2 | 5.5 | 7.3 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

RONALDSWAY AIRPORT
N.G.R. 24/279687

ALTITUDE 16 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.8 | 4.1 | 4.8 | 5.9 | 8.2 | 11.1 | 12.0 | 12.5 | 12.0 | 10.8 | 7.3 | 5.6 | 8.3 |
| | WET BULB °C | 3.9 | 3.1 | 3.9 | 5.1 | 7.3 | 10.1 | 11.1 | 11.7 | 11.1 | 9.8 | 6.1 | 4.5 | 7.3 |
| | VAP. PRESS. MB | 7.6 | 7.0 | 7.5 | 8.3 | 9.6 | 11.7 | 12.6 | 13.2 | 12.7 | 11.5 | 8.7 | 7.8 | 9.9 |
| | REL. HUM. % | 85 | 84 | 85 | 87 | 88 | 88 | 89 | 90 | 90 | 87 | 83 | 84 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.9 | 6.4 | 7.4 | 8.9 | 9.6 | 10.0 | 9.7 | 8.8 | 6.7 | 6.1 | 7.6 |
| 09 | DRY BULB °C | 4.9 | 4.3 | 5.6 | 7.5 | 10.3 | 13.5 | 14.0 | 14.5 | 13.5 | 11.4 | 7.4 | 5.6 | 9.4 |
| | WET BULB °C | 4.0 | 3.3 | 4.5 | 6.2 | 8.8 | 11.7 | 12.3 | 13.0 | 12.2 | 10.3 | 6.3 | 4.5 | 8.1 |
| | VAP. PRESS. MB | 7.6 | 7.1 | 7.7 | 8.6 | 10.1 | 12.4 | 13.0 | 13.8 | 13.2 | 11.7 | 8.8 | 7.8 | 10.1 |
| | REL. HUM. % | 85 | 83 | 83 | 82 | 81 | 80 | 81 | 83 | 85 | 86 | 83 | 83 | 83 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 6.0 | 6.6 | 7.7 | 9.4 | 9.8 | 10.4 | 10.0 | 8.9 | 6.8 | 6.1 | 7.8 |
| 15 | DRY BULB °C | 6.1 | 5.9 | 7.1 | 9.2 | 12.0 | 15.2 | 15.7 | 16.2 | 14.8 | 12.5 | 8.6 | 6.5 | 10.8 |
| | WET BULB °C | 4.9 | 4.4 | 5.5 | 7.2 | 9.7 | 12.5 | 13.2 | 13.8 | 12.8 | 10.9 | 7.0 | 5.2 | 8.9 |
| | VAP. PRESS. MB | 7.9 | 7.3 | 7.8 | 8.7 | 10.3 | 12.4 | 13.2 | 13.9 | 13.3 | 11.9 | 8.9 | 8.0 | 10.3 |
| | REL. HUM. % | 82 | 77 | 76 | 75 | 73 | 72 | 74 | 76 | 78 | 81 | 78 | 80 | 77 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.0 | 6.7 | 7.8 | 9.3 | 9.9 | 10.4 | 10.0 | 9.0 | 6.8 | 6.2 | 7.8 |
| 21 | DRY BULB °C | 5.1 | 4.4 | 5.4 | 6.9 | 9.6 | 12.7 | 13.4 | 13.5 | 12.5 | 11.0 | 7.4 | 5.8 | 9.0 |
| | WET BULB °C | 4.2 | 3.3 | 4.3 | 5.9 | 8.3 | 11.3 | 12.0 | 12.3 | 11.5 | 10.0 | 6.2 | 4.7 | 7.8 |
| | VAP. PRESS. MB | 7.6 | 7.1 | 7.6 | 8.5 | 10.0 | 12.3 | 13.0 | 13.5 | 12.8 | 11.6 | 8.7 | 7.8 | 10.0 |
| | REL. HUM. % | 85 | 83 | 83 | 84 | 84 | 84 | 84 | 87 | 88 | 87 | 82 | 83 | 85 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.9 | 6.6 | 7.7 | 9.3 | 9.8 | 10.2 | 9.7 | 8.9 | 6.7 | 6.1 | 7.7 |

7B NORTH WALES
VALLEY
N.G.R. 23/310758

ALTITUDE 10 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.7 | 4.1 | 5.0 | 6.3 | 8.7 | 11.3 | 12.5 | 13.1 | 12.3 | 10.8 | 7.3 | 5.4 | 8.5 |
| | WET BULB °C | 3.9 | 3.2 | 4.2 | 5.6 | 8.0 | 10.7 | 11.9 | 12.4 | 11.5 | 9.9 | 6.3 | 4.6 | 7.7 |
| | VAP. PRESS. MB | 7.7 | 7.2 | 7.8 | 8.7 | 10.3 | 12.4 | 13.5 | 13.9 | 13.1 | 11.7 | 8.9 | 8.0 | 10.3 |
| | REL. HUM. % | 87 | 86 | 87 | 89 | 90 | 92 | 92 | 92 | 91 | 89 | 86 | 87 | 89 |
| | VAP. CONC. G/M ³ | 6.0 | 5.6 | 6.1 | 6.8 | 7.9 | 9.5 | 10.2 | 10.5 | 10.0 | 8.9 | 6.9 | 6.2 | 7.9 |
| 09 | DRY BULB °C | 4.7 | 4.3 | 6.0 | 8.2 | 11.1 | 14.1 | 14.7 | 15.1 | 14.1 | 11.7 | 7.6 | 5.4 | 9.7 |
| | WET BULB °C | 3.9 | 3.4 | 5.0 | 7.0 | 9.6 | 12.4 | 13.2 | 13.7 | 12.8 | 10.6 | 6.5 | 4.5 | 8.5 |
| | VAP. PRESS. MB | 7.7 | 7.3 | 8.0 | 9.1 | 10.8 | 13.1 | 14.1 | 14.5 | 13.8 | 12.1 | 9.0 | 8.0 | 10.6 |
| | REL. HUM. % | 87 | 85 | 84 | 82 | 82 | 81 | 84 | 84 | 85 | 87 | 85 | 86 | 84 |
| | VAP. CONC. G/M ³ | 6.0 | 5.7 | 6.2 | 7.0 | 8.2 | 9.9 | 10.6 | 10.9 | 10.4 | 9.2 | 7.0 | 6.2 | 8.1 |
| 15 | DRY BULB °C | 6.3 | 6.5 | 8.0 | 10.0 | 12.6 | 15.7 | 16.5 | 17.0 | 15.7 | 13.4 | 9.0 | 6.7 | 11.5 |
| | WET BULB °C | 5.2 | 4.9 | 6.3 | 8.1 | 10.4 | 13.2 | 14.1 | 14.6 | 13.6 | 11.7 | 7.5 | 5.5 | 9.6 |
| | VAP. PRESS. MB | 8.1 | 7.6 | 8.3 | 9.4 | 11.0 | 13.3 | 14.2 | 14.8 | 14.0 | 12.5 | 9.3 | 8.2 | 10.9 |
| | REL. HUM. % | 82 | 76 | 76 | 76 | 76 | 75 | 76 | 77 | 78 | 80 | 79 | 82 | 78 |
| | VAP. CONC. G/M ³ | 6.3 | 5.9 | 6.4 | 7.2 | 8.3 | 10.0 | 10.6 | 11.1 | 10.5 | 9.5 | 7.1 | 6.4 | 8.3 |
| 21 | DRY BULB °C | 5.0 | 4.5 | 5.7 | 7.4 | 9.9 | 12.9 | 13.9 | 14.1 | 13.1 | 11.1 | 7.5 | 5.5 | 9.2 |
| | WET BULB °C | 4.2 | 3.5 | 4.8 | 6.5 | 8.9 | 11.8 | 12.9 | 13.1 | 12.2 | 10.2 | 6.4 | 4.6 | 8.3 |
| | VAP. PRESS. MB | 7.8 | 7.3 | 8.0 | 9.1 | 10.7 | 13.0 | 14.1 | 14.4 | 13.6 | 11.9 | 8.9 | 8.0 | 10.6 |
| | REL. HUM. % | 87 | 85 | 86 | 87 | 87 | 87 | 89 | 89 | 89 | 88 | 85 | 86 | 87 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.2 | 7.0 | 8.2 | 9.9 | 10.6 | 10.9 | 10.3 | 9.1 | 6.9 | 6.2 | 8.1 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

8A SOUTH WALES
ABERPORTH
N.G.R. 22/242521

ALTITUDE 133 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.3 | 3.7 | 4.7 | 6.3 | 8.6 | 11.4 | 12.5 | 13.0 | 12.2 | 10.4 | 6.9 | 5.0 | 8.3 |
| | WET BULB °C | 3.5 | 2.9 | 3.8 | 5.5 | 7.7 | 10.5 | 11.7 | 12.1 | 11.2 | 9.5 | 5.9 | 4.2 | 7.4 |
| | VAP. PRESS. MB | 7.5 | 7.1 | 7.5 | 8.6 | 9.9 | 12.1 | 13.2 | 13.6 | 12.6 | 11.3 | 8.6 | 7.8 | 10.0 |
| | REL. HUM. % | 87 | 85 | 85 | 88 | 88 | 89 | 90 | 90 | 88 | 88 | 84 | 86 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 6.7 | 7.6 | 9.2 | 10.0 | 10.3 | 9.6 | 8.6 | 6.7 | 6.1 | 7.7 |
| 09 | DRY BULB °C | 4.2 | 3.9 | 5.5 | 7.8 | 10.6 | 13.7 | 14.4 | 14.7 | 13.5 | 11.2 | 7.2 | 4.9 | 9.3 |
| | WET BULB °C | 3.4 | 3.0 | 4.4 | 6.5 | 9.1 | 12.0 | 12.9 | 13.2 | 12.1 | 10.0 | 6.1 | 4.0 | 8.1 |
| | VAP. PRESS. MB | 7.5 | 7.1 | 7.6 | 8.9 | 10.4 | 12.7 | 13.7 | 14.1 | 13.1 | 11.5 | 8.7 | 7.7 | 10.3 |
| | REL. HUM. % | 87 | 85 | 82 | 83 | 81 | 81 | 83 | 84 | 84 | 85 | 83 | 85 | 84 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 6.9 | 7.9 | 9.6 | 10.3 | 10.6 | 9.9 | 8.8 | 6.7 | 6.0 | 7.8 |
| 15 | DRY BULB °C | 5.6 | 5.7 | 7.5 | 9.5 | 12.0 | 15.1 | 15.8 | 16.1 | 15.0 | 12.9 | 8.4 | 5.9 | 10.8 |
| | WET BULB °C | 4.5 | 4.2 | 5.7 | 7.6 | 9.9 | 12.8 | 13.6 | 13.8 | 12.9 | 11.0 | 6.9 | 4.7 | 9.0 |
| | VAP. PRESS. MB | 7.8 | 7.3 | 7.8 | 9.1 | 10.6 | 13.0 | 14.0 | 14.1 | 13.3 | 11.8 | 8.9 | 7.8 | 10.5 |
| | REL. HUM. % | 83 | 77 | 75 | 76 | 76 | 76 | 78 | 77 | 77 | 79 | 79 | 82 | 78 |
| | VAP. CONC. G/M ³ | 6.1 | 5.7 | 6.0 | 7.0 | 8.1 | 9.8 | 10.5 | 10.6 | 10.0 | 8.9 | 6.9 | 6.1 | 8.0 |
| 21 | DRY BULB °C | 4.5 | 4.1 | 5.5 | 7.3 | 9.7 | 12.7 | 13.6 | 13.8 | 12.9 | 10.9 | 7.1 | 5.2 | 8.9 |
| | WET BULB °C | 3.8 | 3.1 | 4.4 | 6.3 | 8.5 | 11.4 | 12.5 | 12.6 | 11.7 | 9.8 | 6.0 | 4.2 | 7.9 |
| | VAP. PRESS. MB | 7.6 | 7.1 | 7.6 | 8.9 | 10.2 | 12.6 | 13.7 | 13.8 | 13.0 | 11.4 | 8.6 | 7.7 | 10.2 |
| | REL. HUM. % | 87 | 83 | 82 | 85 | 85 | 86 | 87 | 87 | 87 | 86 | 84 | 84 | 85 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 6.9 | 7.8 | 9.6 | 10.4 | 10.4 | 9.9 | 8.7 | 6.7 | 6.0 | 7.8 |

GLAMORGAN/RHOOSE AIRPORT

N.G.R. 31/064679

ALTITUDE

67 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.5 | 3.1 | 3.7 | 6.0 | 8.5 | 11.6 | 12.8 | 13.1 | 12.1 | 10.3 | 6.4 | 4.1 | 7.9 |
| | WET BULB °C | 3.0 | 2.5 | 3.1 | 5.4 | 7.8 | 10.8 | 12.0 | 12.3 | 11.4 | 9.6 | 5.7 | 3.5 | 7.3 |
| | VAP. PRESS. MB | 7.4 | 7.1 | 7.3 | 8.7 | 10.2 | 12.5 | 13.6 | 13.8 | 13.1 | 11.6 | 8.8 | 7.7 | 10.1 |
| | REL. HUM. % | 91 | 90 | 89 | 90 | 91 | 91 | 91 | 91 | 91 | 91 | 89 | 90 | 90 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 5.7 | 6.8 | 7.9 | 9.5 | 10.3 | 10.5 | 10.0 | 8.9 | 6.8 | 6.0 | 7.8 |
| 09 | DRY BULB °C | 3.6 | 3.3 | 5.2 | 7.9 | 11.2 | 14.6 | 15.6 | 15.5 | 13.9 | 11.2 | 6.7 | 4.0 | 9.4 |
| | WET BULB °C | 3.1 | 2.7 | 4.3 | 6.8 | 9.6 | 12.7 | 13.7 | 13.8 | 12.7 | 10.4 | 5.9 | 3.5 | 8.3 |
| | VAP. PRESS. MB | 7.4 | 7.1 | 7.7 | 9.1 | 10.8 | 13.3 | 14.3 | 14.6 | 13.8 | 12.0 | 8.9 | 7.6 | 10.5 |
| | REL. HUM. % | 90 | 88 | 86 | 84 | 81 | 80 | 80 | 83 | 86 | 89 | 88 | 90 | 85 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 6.0 | 7.0 | 8.2 | 10.0 | 10.7 | 11.0 | 10.4 | 9.1 | 6.9 | 5.9 | 8.1 |
| 15 | DRY BULB °C | 5.2 | 5.6 | 7.7 | 10.3 | 13.5 | 17.0 | 17.7 | 17.7 | 16.3 | 13.3 | 8.5 | 5.6 | 11.5 |
| | WET BULB °C | 4.3 | 4.2 | 5.9 | 8.3 | 10.9 | 14.0 | 14.8 | 14.9 | 13.8 | 11.6 | 7.2 | 4.6 | 9.5 |
| | VAP. PRESS. MB | 7.8 | 7.4 | 7.9 | 9.4 | 11.2 | 13.6 | 14.7 | 14.8 | 13.9 | 12.4 | 9.3 | 7.9 | 10.9 |
| | REL. HUM. % | 86 | 80 | 74 | 75 | 73 | 71 | 73 | 73 | 74 | 80 | 82 | 85 | 77 |
| | VAP. CONC. G/M ³ | 6.1 | 5.8 | 6.1 | 7.2 | 8.5 | 10.2 | 11.0 | 11.0 | 10.4 | 9.4 | 7.2 | 6.1 | 8.3 |
| 21 | DRY BULB °C | 3.9 | 3.7 | 5.0 | 7.5 | 10.2 | 13.6 | 14.4 | 14.5 | 13.2 | 10.9 | 6.8 | 4.3 | 9.0 |
| | WET BULB °C | 3.3 | 3.0 | 4.1 | 6.5 | 9.1 | 12.2 | 13.2 | 13.3 | 12.1 | 10.1 | 6.0 | 3.7 | 8.1 |
| | VAP. PRESS. MB | 7.5 | 7.2 | 7.6 | 9.0 | 10.7 | 13.3 | 14.2 | 14.4 | 13.4 | 11.8 | 8.9 | 7.7 | 10.5 |
| | REL. HUM. % | 90 | 87 | 86 | 86 | 86 | 85 | 86 | 86 | 87 | 89 | 88 | 89 | 87 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 5.9 | 7.0 | 8.2 | 10.1 | 10.7 | 10.9 | 10.1 | 9.0 | 6.9 | 6.0 | 8.0 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

MILFORD HAVEN
N.G.R. 12/892054

ALTITUDE 37 METRES

1965 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 6.1 | 4.6 | 5.7 | 6.7 | 9.3 | 12.3 | 13.3 | 14.0 | 13.1 | 12.0 | 7.6 | 6.8 | 9.3 |
| | WET BULB °C | 5.3 | 3.7 | 4.7 | 5.9 | 8.5 | 11.5 | 12.6 | 13.2 | 12.2 | 11.0 | 6.6 | 5.9 | 8.4 |
| | VAP. PRESS. MB | 8.4 | 7.4 | 7.9 | 8.7 | 10.6 | 13.0 | 14.0 | 14.6 | 13.6 | 12.6 | 9.1 | 8.8 | 10.7 |
| | REL. HUM. % | 88 | 84 | 85 | 87 | 90 | 90 | 91 | 90 | 89 | 88 | 85 | 87 | 88 |
| | VAP. CONC. G/M ³ | 6.5 | 5.8 | 6.1 | 6.7 | 8.1 | 9.9 | 10.6 | 11.0 | 10.3 | 9.6 | 7.0 | 6.8 | 8.2 |
| 09 | DRY BULB °C | 6.0 | 4.4 | 6.2 | 8.1 | 11.0 | 14.5 | 15.2 | 15.5 | 14.1 | 12.3 | 7.8 | 6.7 | 10.1 |
| | WET BULB °C | 5.1 | 3.5 | 5.1 | 6.8 | 9.7 | 12.9 | 13.7 | 14.1 | 12.9 | 11.2 | 6.7 | 5.8 | 9.0 |
| | VAP. PRESS. MB | 8.3 | 7.3 | 8.0 | 8.9 | 11.0 | 13.6 | 14.5 | 15.0 | 14.0 | 12.7 | 9.1 | 8.7 | 10.9 |
| | REL. HUM. % | 87 | 85 | 83 | 81 | 84 | 83 | 83 | 85 | 86 | 87 | 84 | 86 | 85 |
| | VAP. CONC. G/M ³ | 6.4 | 5.7 | 6.2 | 6.9 | 8.4 | 10.3 | 10.9 | 11.3 | 10.6 | 9.6 | 7.0 | 6.7 | 8.3 |
| 15 | DRY BULB °C | 7.3 | 6.5 | 8.4 | 10.2 | 12.6 | 16.4 | 17.0 | 17.7 | 15.9 | 13.9 | 9.3 | 7.8 | 11.9 |
| | WET BULB °C | 6.2 | 4.9 | 6.5 | 8.0 | 10.6 | 13.9 | 14.6 | 15.2 | 13.9 | 12.3 | 7.7 | 6.5 | 10.0 |
| | VAP. PRESS. MB | 8.7 | 7.5 | 8.3 | 9.1 | 11.2 | 13.9 | 14.7 | 15.3 | 14.4 | 13.1 | 9.4 | 8.8 | 11.2 |
| | REL. HUM. % | 83 | 76 | 74 | 73 | 77 | 75 | 76 | 76 | 79 | 82 | 78 | 81 | 77 |
| | VAP. CONC. G/M ³ | 6.7 | 5.8 | 6.4 | 7.0 | 8.5 | 10.4 | 11.0 | 11.4 | 10.8 | 9.9 | 7.2 | 6.8 | 8.5 |
| 21 | DRY BULB °C | 6.3 | 4.9 | 6.5 | 7.9 | 10.3 | 13.9 | 14.5 | 15.1 | 13.9 | 12.5 | 8.0 | 7.0 | 10.1 |
| | WET BULB °C | 5.4 | 3.8 | 5.3 | 6.8 | 9.3 | 12.5 | 13.4 | 13.8 | 12.9 | 11.4 | 6.8 | 5.9 | 8.9 |
| | VAP. PRESS. MB | 8.5 | 7.4 | 8.1 | 9.1 | 10.9 | 13.5 | 14.5 | 14.9 | 14.1 | 12.8 | 9.2 | 8.7 | 11.0 |
| | REL. HUM. % | 87 | 83 | 83 | 84 | 87 | 85 | 88 | 87 | 88 | 87 | 83 | 84 | 85 |
| | VAP. CONC. G/M ³ | 6.6 | 5.8 | 6.3 | 7.0 | 8.3 | 10.2 | 10.9 | 11.2 | 10.6 | 9.7 | 7.1 | 6.7 | 8.4 |

88 ENGLAND SOUTH WEST
BOURNEMOUTH/HURN AIRPORT
N.G.R. 40/117978

ALTITUDE 10 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.4 | 3.1 | 3.5 | 5.8 | 8.0 | 10.8 | 12.2 | 12.6 | 11.3 | 9.5 | - | 3.7 | - |
| | WET BULB °C | 2.8 | 2.5 | 2.9 | 5.2 | 7.3 | 10.1 | 11.5 | 11.8 | 10.7 | 8.8 | - | 3.1 | - |
| | VAP. PRESS. MB | 7.3 | 7.0 | 7.2 | 8.6 | 9.9 | 12.1 | 13.3 | 13.5 | 12.7 | 11.1 | - | 7.4 | - |
| | REL. HUM. % | 89 | 88 | 89 | 90 | 91 | 92 | 92 | 92 | 93 | 91 | - | 89 | - |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 5.6 | 6.7 | 7.6 | 9.2 | 10.1 | 10.2 | 9.7 | 8.5 | - | 5.8 | - |
| 09 | DRY BULB °C | 3.6 | 3.6 | 5.5 | 8.9 | 12.4 | 15.8 | 16.8 | 16.4 | 14.6 | 11.4 | 6.8 | 3.8 | 10.0 |
| | WET BULB °C | 2.9 | 2.8 | 4.4 | 7.4 | 10.2 | 13.2 | 14.3 | 14.3 | 13.1 | 10.4 | 6.0 | 3.2 | 8.5 |
| | VAP. PRESS. MB | 7.3 | 7.1 | 7.6 | 9.2 | 10.9 | 13.2 | 14.4 | 14.8 | 14.1 | 12.1 | 9.0 | 7.5 | 10.6 |
| | REL. HUM. % | 89 | 87 | 83 | 80 | 75 | 74 | 75 | 79 | 84 | 88 | 88 | 89 | 83 |
| | VAP. CONC. G/M ³ | 5.7 | 5.6 | 5.9 | 7.1 | 8.3 | 9.9 | 10.8 | 11.1 | 10.6 | 9.2 | 7.0 | 5.9 | 8.1 |
| 15 | DRY BULB °C | 6.0 | 6.5 | 8.9 | 11.5 | 14.5 | 18.1 | 19.2 | 19.0 | 17.4 | 14.6 | 9.6 | 6.3 | 12.6 |
| | WET BULB °C | 4.7 | 4.7 | 6.4 | 8.7 | 11.3 | 14.3 | 15.4 | 15.4 | 14.4 | 12.2 | 7.8 | 5.0 | 10.0 |
| | VAP. PRESS. MB | 7.8 | 7.2 | 7.7 | 9.2 | 11.0 | 13.4 | 14.5 | 14.7 | 14.1 | 12.4 | 9.4 | 7.9 | 10.8 |
| | REL. HUM. % | 81 | 73 | 67 | 67 | 67 | 65 | 65 | 67 | 70 | 74 | 77 | 81 | 71 |
| | VAP. CONC. G/M ³ | 6.1 | 5.6 | 5.9 | 7.0 | 8.3 | 10.0 | 10.8 | 10.9 | 10.5 | 9.3 | 7.2 | 6.1 | 8.1 |
| 21 | DRY BULB °C | 4.1 | 3.8 | 5.3 | 7.8 | 10.6 | 14.3 | 15.4 | 14.9 | 13.1 | 10.7 | 6.8 | 3.9 | 9.2 |
| | WET BULB °C | 3.4 | 2.9 | 4.3 | 6.6 | 9.3 | 12.6 | 13.7 | 13.5 | 12.1 | 9.9 | 6.0 | 3.2 | 8.1 |
| | VAP. PRESS. MB | 7.5 | 7.0 | 7.6 | 8.9 | 10.8 | 13.4 | 14.4 | 14.5 | 13.4 | 11.8 | 9.0 | 7.4 | 10.5 |
| | REL. HUM. % | 88 | 85 | 84 | 83 | 84 | 82 | 82 | 85 | 88 | 89 | 88 | 88 | 85 |
| | VAP. CONC. G/M ³ | 5.9 | 5.5 | 5.9 | 6.9 | 8.3 | 10.1 | 10.8 | 10.9 | 10.1 | 9.0 | 7.0 | 5.8 | 8.0 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

BRISTOL FILTON
N.G.R. 31/600805

ALTITUDE 59 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.3 | 3.0 | 3.9 | 6.1 | 8.6 | 11.8 | 13.2 | 13.1 | 11.8 | 9.7 | 6.1 | 3.8 | 7.9 |
| | WET BULB °C | 2.8 | 2.4 | 3.2 | 5.4 | 7.8 | 10.9 | 12.3 | 12.3 | 11.1 | 9.1 | 5.4 | 3.2 | 7.2 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.3 | 8.6 | 10.1 | 12.4 | 13.7 | 13.6 | 12.8 | 11.2 | 8.6 | 7.5 | 10.0 |
| | REL. HUM. % | 90 | 88 | 87 | 89 | 89 | 89 | 89 | 90 | 91 | 91 | 89 | 89 | 89 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.7 | 6.7 | 7.8 | 9.4 | 10.4 | 10.3 | 9.7 | 8.6 | 6.7 | 5.9 | 7.7 |
| 09 | DRY BULB °C | 3.3 | 3.4 | 5.4 | 8.3 | 11.7 | 15.1 | 16.1 | 15.6 | 13.9 | 11.0 | 6.5 | 3.7 | 9.5 |
| | WET BULB °C | 2.8 | 2.7 | 4.3 | 7.0 | 9.9 | 12.8 | 13.8 | 13.8 | 12.5 | 10.0 | 5.7 | 3.1 | 8.2 |
| | VAP. PRESS. MB | 7.3 | 7.0 | 7.6 | 9.1 | 10.7 | 13.1 | 14.0 | 14.4 | 13.5 | 11.7 | 8.7 | 7.4 | 10.4 |
| | REL. HUM. % | 89 | 87 | 83 | 81 | 78 | 76 | 76 | 81 | 85 | 88 | 88 | 89 | 83 |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 5.9 | 7.0 | 8.1 | 9.9 | 10.5 | 10.8 | 10.2 | 8.9 | 6.7 | 5.8 | 7.9 |
| 15 | DRY BULB °C | 5.3 | 5.9 | 8.6 | 11.3 | 14.5 | 18.3 | 18.9 | 18.7 | 17.0 | 13.7 | 8.5 | 5.5 | 12.2 |
| | WET BULB °C | 4.3 | 4.4 | 6.2 | 8.6 | 11.3 | 14.4 | 15.1 | 15.0 | 13.9 | 11.6 | 7.1 | 4.4 | 9.7 |
| | VAP. PRESS. MB | 7.7 | 7.3 | 7.7 | 9.2 | 11.0 | 13.3 | 14.2 | 14.3 | 13.5 | 12.1 | 9.1 | 7.7 | 10.6 |
| | REL. HUM. % | 83 | 76 | 69 | 68 | 67 | 64 | 66 | 67 | 70 | 76 | 80 | 83 | 72 |
| | VAP. CONC. G/M ³ | 6.0 | 5.7 | 5.9 | 7.0 | 8.3 | 9.9 | 10.5 | 10.6 | 10.1 | 9.1 | 7.0 | 6.0 | 8.0 |
| 21 | DRY BULB °C | 3.8 | 3.9 | 5.4 | 8.0 | 11.1 | 14.7 | 15.6 | 15.2 | 13.5 | 10.7 | 6.6 | 4.0 | 9.4 |
| | WET BULB °C | 3.2 | 3.0 | 4.3 | 6.8 | 9.5 | 12.7 | 13.7 | 13.5 | 12.2 | 9.9 | 5.8 | 3.3 | 8.2 |
| | VAP. PRESS. MB | 7.4 | 7.1 | 7.5 | 9.0 | 10.7 | 13.2 | 14.2 | 14.2 | 13.3 | 11.7 | 8.8 | 7.4 | 10.4 |
| | REL. HUM. % | 88 | 85 | 82 | 82 | 80 | 79 | 80 | 82 | 85 | 89 | 87 | 88 | 84 |
| | VAP. CONC. G/M ³ | 5.8 | 5.6 | 5.8 | 6.9 | 8.2 | 9.9 | 10.7 | 10.7 | 10.1 | 8.9 | 6.8 | 5.8 | 7.9 |

CHIVENOR
N.G.R. 21/494347

ALTITUDE 6 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.9 | 4.4 | 5.0 | 7.0 | 9.1 | 11.9 | 13.2 | 13.6 | 12.6 | 10.8 | 7.3 | 5.4 | 8.8 |
| | WET BULB °C | 4.1 | 3.6 | 4.2 | 6.3 | 8.4 | 11.1 | 12.5 | 12.7 | 11.7 | 10.0 | 6.4 | 4.6 | 8.0 |
| | VAP. PRESS. MB | 7.9 | 7.5 | 7.8 | 9.0 | 10.5 | 12.7 | 14.0 | 14.2 | 13.2 | 11.7 | 9.1 | 8.1 | 10.5 |
| | REL. HUM. % | 87 | 87 | 87 | 88 | 90 | 91 | 91 | 90 | 90 | 89 | 86 | 87 | 89 |
| | VAP. CONC. G/M ³ | 6.2 | 5.9 | 6.1 | 7.0 | 8.1 | 9.7 | 10.6 | 10.7 | 10.0 | 8.9 | 7.0 | 6.3 | 6.0 |
| 09 | DRY BULB °C | 4.9 | 4.7 | 6.3 | 9.1 | 12.2 | 15.3 | 16.2 | 16.0 | 14.4 | 11.8 | 7.9 | 5.4 | 10.3 |
| | WET BULB °C | 4.1 | 3.8 | 5.1 | 7.7 | 10.4 | 13.3 | 14.3 | 14.3 | 13.0 | 10.7 | 6.8 | 4.6 | 9.0 |
| | VAP. PRESS. MB | 7.8 | 7.5 | 8.1 | 9.5 | 11.2 | 13.7 | 14.9 | 15.1 | 13.9 | 12.1 | 9.2 | 8.1 | 10.9 |
| | REL. HUM. % | 86 | 85 | 83 | 82 | 79 | 79 | 81 | 82 | 84 | 86 | 84 | 86 | 83 |
| | VAP. CONC. G/M ³ | 6.1 | 5.9 | 6.3 | 7.3 | 8.5 | 10.3 | 11.2 | 11.3 | 10.5 | 9.2 | 7.1 | 6.3 | 8.3 |
| 15 | DRY BULB °C | 6.8 | 7.1 | 9.1 | 11.5 | 14.2 | 17.4 | 18.1 | 18.3 | 17.3 | 14.5 | 9.8 | 7.2 | 12.6 |
| | WET BULB °C | 5.6 | 5.4 | 7.0 | 9.2 | 11.5 | 14.4 | 15.3 | 15.5 | 14.4 | 12.3 | 8.1 | 5.9 | 10.4 |
| | VAP. PRESS. MB | 8.3 | 7.9 | 8.5 | 9.9 | 11.6 | 14.1 | 15.2 | 15.5 | 14.3 | 12.8 | 9.7 | 8.4 | 11.3 |
| | REL. HUM. % | 82 | 76 | 72 | 73 | 72 | 72 | 73 | 74 | 72 | 76 | 78 | 81 | 75 |
| | VAP. CONC. G/M ³ | 6.4 | 6.1 | 6.5 | 7.5 | 8.8 | 10.5 | 11.3 | 11.5 | 10.7 | 9.6 | 7.4 | 6.5 | 8.6 |
| 21 | DRY BULB °C | 5.3 | 4.9 | 6.2 | 8.3 | 10.7 | 14.0 | 14.9 | 15.0 | 13.7 | 11.6 | 7.9 | 5.7 | 9.9 |
| | WET BULB °C | 4.5 | 4.0 | 5.2 | 7.3 | 9.5 | 12.7 | 13.6 | 13.7 | 12.5 | 10.6 | 6.8 | 4.7 | 8.8 |
| | VAP. PRESS. MB | 8.0 | 7.6 | 8.1 | 9.5 | 11.0 | 13.7 | 14.7 | 14.8 | 13.7 | 12.1 | 9.2 | 8.1 | 10.9 |
| | REL. HUM. % | 86 | 85 | 84 | 85 | 85 | 86 | 86 | 86 | 87 | 87 | 84 | 85 | 85 |
| | VAP. CONC. G/M ³ | 6.2 | 5.9 | 6.3 | 7.3 | 8.4 | 10.3 | 11.1 | 11.1 | 10.4 | 9.2 | 7.1 | 6.3 | 8.3 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

EXETER AIRPORT
N.G.R. 30/001933

ALTITUDE 32 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 4.0 | 3.8 | 4.3 | 6.4 | 8.4 | 11.3 | 12.5 | 12.7 | 11.6 | 9.8 | 6.4 | 4.5 | 8.0 |
| | WET BULB °C | 3.4 | 3.1 | 3.6 | 5.8 | 7.8 | 10.6 | 11.9 | 12.0 | 11.0 | 9.3 | 5.8 | 3.9 | 7.3 |
| | VAP. PRESS. MB | 7.6 | 7.3 | 7.5 | 8.8 | 10.2 | 12.4 | 13.6 | 13.7 | 13.0 | 11.5 | 9.0 | 7.9 | 10.2 |
| | REL. HUM. % | 89 | 88 | 88 | 90 | 92 | 92 | 93 | 93 | 93 | 93 | 90 | 89 | 91 |
| | VAP. CONC. G/M ³ | 5.9 | 5.7 | 5.9 | 6.8 | 7.9 | 9.5 | 10.3 | 10.4 | 9.9 | 8.8 | 7.0 | 6.2 | 7.9 |
| 09 | DRY BULB °C | 4.1 | 4.0 | 5.7 | 8.7 | 12.0 | 15.4 | 16.3 | 15.8 | 13.9 | 11.1 | 6.8 | 4.4 | 9.9 |
| | WET BULB °C | 3.5 | 3.2 | 4.6 | 7.4 | 10.2 | 13.2 | 14.2 | 14.2 | 12.7 | 10.3 | 6.1 | 3.8 | 8.6 |
| | VAP. PRESS. MB | 7.6 | 7.3 | 7.8 | 9.4 | 11.1 | 13.4 | 14.6 | 14.9 | 13.9 | 12.1 | 9.1 | 7.8 | 10.7 |
| | REL. HUM. % | 89 | 86 | 83 | 83 | 79 | 76 | 78 | 83 | 87 | 90 | 89 | 89 | 84 |
| | VAP. CONC. G/M ³ | 5.9 | 5.7 | 6.1 | 7.2 | 8.4 | 10.1 | 10.9 | 11.2 | 10.5 | 9.2 | 7.0 | 6.1 | 8.2 |
| 15 | DRY BULB °C | 6.3 | 6.7 | 8.9 | 11.5 | 14.4 | 18.4 | 19.1 | 18.8 | 17.3 | 14.3 | 9.4 | 6.6 | 12.6 |
| | WET BULB °C | 5.2 | 5.1 | 6.6 | 9.0 | 11.5 | 14.6 | 15.5 | 15.5 | 14.4 | 12.3 | 7.9 | 5.4 | 10.3 |
| | VAP. PRESS. MB | 8.2 | 7.6 | 8.1 | 9.6 | 11.4 | 13.7 | 14.9 | 15.1 | 14.3 | 12.8 | 9.6 | 8.2 | 11.1 |
| | REL. HUM. % | 82 | 75 | 70 | 70 | 69 | 65 | 67 | 70 | 72 | 78 | 80 | 82 | 73 |
| | VAP. CONC. G/M ³ | 6.4 | 5.9 | 6.2 | 7.3 | 8.6 | 10.2 | 11.1 | 11.2 | 10.7 | 9.7 | 7.4 | 6.4 | 8.4 |
| 21 | DRY BULB °C | 4.7 | 4.5 | 5.7 | 7.9 | 10.6 | 14.1 | 15.1 | 14.7 | 13.1 | 10.9 | 7.1 | 4.9 | 9.4 |
| | WET BULB °C | 4.0 | 3.6 | 4.7 | 6.9 | 9.4 | 12.5 | 13.6 | 13.4 | 12.2 | 10.2 | 6.3 | 4.1 | 8.4 |
| | VAP. PRESS. MB | 7.8 | 7.4 | 7.9 | 9.3 | 10.9 | 13.4 | 14.5 | 14.5 | 13.6 | 12.1 | 9.1 | 7.9 | 10.7 |
| | REL. HUM. % | 88 | 85 | 85 | 85 | 85 | 83 | 84 | 87 | 90 | 91 | 88 | 87 | 87 |
| | VAP. CONC. G/M ³ | 6.1 | 5.8 | 6.1 | 7.2 | 8.3 | 10.1 | 10.9 | 10.9 | 10.3 | 9.2 | 7.0 | 6.2 | 8.2 |

PLYMOUTH/MOUNTBATTEN
N.G.R. 20/492529

ALTITUDE 27 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|------|
| 03 | DRY BULB °C | 5.2 | 4.7 | 5.3 | 7.2 | 9.2 | 12.1 | 13.2 | 13.5 | 12.7 | 11.1 | 7.8 | 6.0 | 9.0 |
| | WET BULB °C | 4.6 | 4.1 | 4.6 | 6.6 | 8.6 | 11.3 | 12.6 | 12.9 | 12.1 | 10.4 | 7.0 | 5.3 | 8.3 |
| | VAP. PRESS. MB | 8.3 | 7.9 | 8.1 | 9.4 | 10.7 | 12.9 | 14.1 | 14.5 | 13.8 | 12.3 | 9.7 | 8.6 | 10.9 |
| | REL. HUM. % | 90 | 89 | 89 | 91 | 92 | 91 | 92 | 93 | 93 | 92 | 89 | 89 | 91 |
| | VAP. CONC. G/M ³ | 6.5 | 6.2 | 6.3 | 7.3 | 8.2 | 9.8 | 10.7 | 11.0 | 10.5 | 9.4 | 7.5 | 6.7 | 8.3 |
| 09 | DRY BULB °C | 5.3 | 4.8 | 6.2 | 8.9 | 11.7 | 14.8 | 15.8 | 15.7 | 14.4 | 11.8 | 8.0 | 5.9 | 10.3 |
| | WET BULB °C | 4.6 | 4.1 | 5.3 | 7.7 | 10.2 | 13.0 | 14.1 | 14.4 | 13.3 | 11.0 | 7.2 | 5.2 | 9.2 |
| | VAP. PRESS. MB | 8.2 | 7.8 | 8.3 | 9.7 | 11.3 | 13.8 | 14.8 | 15.3 | 14.4 | 12.7 | 9.7 | 8.6 | 11.2 |
| | REL. HUM. % | 89 | 88 | 85 | 85 | 82 | 81 | 82 | 85 | 87 | 90 | 89 | 89 | 86 |
| | VAP. CONC. G/M ³ | 6.4 | 6.1 | 6.4 | 7.5 | 8.6 | 10.2 | 11.1 | 11.5 | 10.9 | 9.7 | 7.5 | 6.7 | 8.5 |
| 15 | DRY BULB °C | 7.0 | 7.0 | 8.5 | 10.7 | 13.1 | 16.5 | 17.4 | 17.5 | 16.4 | 13.9 | 9.9 | 7.4 | 12.1 |
| | WET BULB °C | 5.9 | 5.5 | 6.7 | 8.8 | 11.0 | 13.9 | 15.0 | 15.2 | 14.2 | 12.3 | 8.4 | 6.3 | 10.3 |
| | VAP. PRESS. MB | 8.6 | 8.0 | 8.5 | 9.8 | 11.6 | 14.0 | 15.2 | 15.5 | 14.6 | 13.1 | 10.0 | 8.9 | 11.5 |
| | REL. HUM. % | 83 | 78 | 75 | 76 | 78 | 75 | 77 | 78 | 78 | 82 | 80 | 83 | 79 |
| | VAP. CONC. G/M ³ | 6.7 | 6.2 | 6.5 | 7.5 | 8.8 | 10.5 | 11.3 | 11.6 | 10.9 | 9.9 | 7.7 | 6.9 | 8.7 |
| 21 | DRY BULB °C | 5.8 | 5.3 | 6.4 | 8.5 | 10.7 | 13.9 | 15.1 | 15.0 | 13.8 | 11.8 | 8.4 | 6.2 | 10.1 |
| | WET BULB °C | 5.1 | 4.5 | 5.5 | 7.5 | 9.6 | 12.6 | 13.7 | 13.8 | 12.9 | 11.0 | 7.4 | 5.4 | 9.1 |
| | VAP. PRESS. MB | 8.5 | 8.0 | 8.4 | 9.7 | 11.2 | 13.5 | 14.7 | 15.0 | 14.2 | 12.6 | 9.8 | 8.6 | 11.2 |
| | REL. HUM. % | 89 | 87 | 86 | 87 | 86 | 85 | 86 | 88 | 90 | 90 | 87 | 88 | 87 |
| | VAP. CONC. G/M ³ | 6.6 | 6.2 | 6.5 | 7.5 | 8.6 | 10.2 | 11.1 | 11.3 | 10.7 | 9.6 | 7.5 | 6.7 | 8.5 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

ST MAWGAN

1961 - 70

N.G.R. 10/873642

ALTITUDE

103METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 5.2 | 4.7 | 5.4 | 7.1 | 9.0 | 11.9 | 13.2 | 13.7 | 12.7 | 11.0 | 7.7 | 6.0 | 9.0 |
| | WET BULB °C | 4.5 | 3.9 | 4.7 | 6.5 | 8.4 | 11.2 | 12.6 | 13.0 | 12.0 | 10.4 | 6.9 | 5.3 | 8.3 |
| | VAP. PRESS. MB | 8.2 | 7.8 | 8.1 | 9.3 | 10.7 | 12.9 | 14.1 | 14.5 | 13.7 | 12.2 | 9.5 | 8.6 | 10.8 |
| | REL. HUM. % | 89 | 88 | 88 | 90 | 92 | 92 | 92 | 92 | 92 | 91 | 88 | 88 | 90 |
| | VAP. CONC. G/M ³ | 6.4 | 6.1 | 6.3 | 7.2 | 8.2 | 9.8 | 10.7 | 11.0 | 10.4 | 9.3 | 7.3 | 6.7 | 8.3 |
| 09 | DRY BULB °C | 5.2 | 4.8 | 6.4 | 8.7 | 11.4 | 14.5 | 15.4 | 15.4 | 14.2 | 12.0 | 8.0 | 6.1 | 10.2 |
| | WET BULB °C | 4.5 | 3.9 | 5.4 | 7.6 | 9.9 | 12.7 | 13.8 | 14.1 | 13.1 | 11.0 | 7.1 | 5.3 | 9.0 |
| | VAP. PRESS. MB | 8.2 | 7.7 | 8.4 | 9.7 | 11.1 | 13.4 | 14.6 | 15.0 | 14.3 | 12.6 | 9.6 | 8.6 | 11.1 |
| | REL. HUM. % | 88 | 86 | 85 | 85 | 82 | 81 | 83 | 85 | 87 | 89 | 87 | 88 | 85 |
| | VAP. CONC. G/M ³ | 6.4 | 6.0 | 6.5 | 7.5 | 8.5 | 10.1 | 11.0 | 11.3 | 10.8 | 9.6 | 7.4 | 6.7 | 8.5 |
| 15 | DRY BULB °C | 6.8 | 6.7 | 8.2 | 10.4 | 12.7 | 16.0 | 16.8 | 17.0 | 16.0 | 13.6 | 9.6 | 7.3 | 11.8 |
| | WET BULB °C | 5.7 | 5.3 | 6.5 | 8.5 | 10.5 | 13.4 | 14.4 | 14.7 | 13.9 | 11.9 | 8.1 | 6.2 | 9.9 |
| | VAP. PRESS. MB | 8.5 | 8.0 | 8.5 | 9.7 | 11.1 | 13.5 | 14.6 | 14.9 | 14.3 | 12.7 | 9.8 | 8.8 | 11.2 |
| | REL. HUM. % | 83 | 79 | 77 | 76 | 76 | 75 | 76 | 77 | 78 | 81 | 81 | 84 | 79 |
| | VAP. CONC. G/M ³ | 6.6 | 6.2 | 6.6 | 7.4 | 8.4 | 10.1 | 10.9 | 11.1 | 10.7 | 9.6 | 7.5 | 6.8 | 8.5 |
| 21 | DRY BULB °C | 5.5 | 5.0 | 6.1 | 8.0 | 10.1 | 13.2 | 14.3 | 14.4 | 13.4 | 11.4 | 8.0 | 6.2 | 9.6 |
| | WET BULB °C | 4.8 | 4.2 | 5.2 | 7.2 | 9.2 | 12.2 | 13.3 | 13.5 | 12.5 | 10.6 | 7.0 | 5.4 | 8.8 |
| | VAP. PRESS. MB | 8.3 | 7.8 | 8.3 | 9.6 | 11.0 | 13.5 | 14.6 | 14.8 | 13.9 | 12.3 | 9.5 | 8.5 | 11.0 |
| | REL. HUM. % | 89 | 86 | 86 | 88 | 88 | 88 | 89 | 90 | 90 | 90 | 86 | 87 | 88 |
| | VAP. CONC. G/M ³ | 6.5 | 6.1 | 6.4 | 7.4 | 8.4 | 10.2 | 11.0 | 11.2 | 10.5 | 9.4 | 7.3 | 6.6 | 8.4 |

SCILLY/ST MARY'S

1961 - 70

N.G.R. 00/913121

ALTITUDE

48 METRES

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|------|
| 03 | DRY BULB °C | 7.6 | 6.8 | 7.3 | 8.4 | 10.0 | 12.6 | 13.9 | 14.4 | 13.7 | 12.3 | 9.7 | 8.4 | 10.4 |
| | WET BULB °C | 6.6 | 5.8 | 6.4 | 7.7 | 9.5 | 12.0 | 13.3 | 13.8 | 13.1 | 11.5 | 8.6 | 7.3 | 9.6 |
| | VAP. PRESS. MB | 9.1 | 8.6 | 9.1 | 10.0 | 11.4 | 13.6 | 14.8 | 15.3 | 14.6 | 13.0 | 10.5 | 9.5 | 11.6 |
| | REL. HUM. % | 85 | 85 | 87 | 90 | 92 | 92 | 93 | 93 | 93 | 90 | 85 | 85 | 89 |
| | VAP. CONC. G/M ³ | 7.0 | 6.7 | 7.0 | 7.7 | 8.7 | 10.3 | 11.2 | 11.5 | 11.0 | 9.9 | 8.0 | 7.3 | 8.9 |
| 09 | DRY BULB °C | 7.4 | 6.8 | 7.8 | 9.6 | 11.6 | 14.5 | 15.7 | 15.9 | 14.7 | 12.8 | 9.7 | 8.3 | 11.2 |
| | WET BULB °C | 6.3 | 5.7 | 6.6 | 8.5 | 10.5 | 13.2 | 14.4 | 14.6 | 13.7 | 11.7 | 8.5 | 7.2 | 10.1 |
| | VAP. PRESS. MB | 8.9 | 8.4 | 9.0 | 10.3 | 11.8 | 14.2 | 15.4 | 15.7 | 14.9 | 13.1 | 10.3 | 8.4 | 11.8 |
| | REL. HUM. % | 84 | 83 | 84 | 85 | 86 | 86 | 86 | 87 | 88 | 88 | 84 | 84 | 85 |
| | VAP. CONC. G/M ³ | 6.9 | 6.5 | 6.9 | 7.9 | 9.0 | 10.7 | 11.6 | 11.8 | 11.2 | 9.9 | 7.9 | 7.2 | 9.0 |
| 15 | DRY BULB °C | 8.1 | 7.8 | 8.9 | 10.7 | 12.8 | 15.8 | 17.0 | 17.3 | 16.1 | 13.7 | 10.5 | 8.8 | 12.3 |
| | WET BULB °C | 7.0 | 6.5 | 7.4 | 9.2 | 11.2 | 13.9 | 15.1 | 15.5 | 14.4 | 12.3 | 9.1 | 7.5 | 10.8 |
| | VAP. PRESS. MB | 9.3 | 8.7 | 9.3 | 10.5 | 12.1 | 14.4 | 15.6 | 16.1 | 15.1 | 13.3 | 10.6 | 9.5 | 12.0 |
| | REL. HUM. % | 84 | 81 | 80 | 81 | 82 | 80 | 81 | 82 | 83 | 84 | 82 | 82 | 82 |
| | VAP. CONC. G/M ³ | 7.2 | 6.7 | 7.1 | 8.0 | 9.2 | 10.8 | 11.7 | 12.0 | 11.3 | 10.1 | 8.1 | 7.3 | 9.1 |
| 21 | DRY BULB °C | 7.6 | 6.9 | 7.5 | 8.8 | 10.5 | 13.1 | 14.4 | 14.7 | 13.9 | 12.4 | 9.7 | 8.3 | 10.7 |
| | WET BULB °C | 6.6 | 5.8 | 6.6 | 8.0 | 9.7 | 12.2 | 13.6 | 13.9 | 13.2 | 11.5 | 8.5 | 7.2 | 9.7 |
| | VAP. PRESS. MB | 9.1 | 8.5 | 9.1 | 10.1 | 11.5 | 13.6 | 14.9 | 15.3 | 14.6 | 12.9 | 10.3 | 9.4 | 11.6 |
| | REL. HUM. % | 85 | 83 | 86 | 89 | 90 | 90 | 90 | 91 | 91 | 89 | 84 | 84 | 88 |
| | VAP. CONC. G/M ³ | 7.0 | 6.6 | 7.0 | 7.8 | 8.8 | 10.3 | 11.2 | 11.5 | 11.0 | 9.8 | 7.9 | 7.2 | 8.8 |

AVERAGES OF HUMIDITY FOR GREAT BRITAIN AND NORTHERN IRELAND

NORTHERN IRELAND
BALLYKELLY

N.G.R. 24/624234

ALTITUDE 2 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.9 | 3.5 | 4.5 | 5.8 | 7.9 | 10.6 | 11.6 | 11.6 | 11.2 | 9.7 | 5.8 | 4.7 | 7.6 |
| | WET BULB °C | 3.2 | 2.6 | 3.7 | 4.9 | 6.9 | 9.7 | 10.7 | 10.7 | 10.2 | 8.8 | 5.0 | 3.8 | 6.7 |
| | VAP. PRESS. MB | 7.2 | 6.9 | 7.5 | 8.1 | 9.3 | 11.4 | 12.2 | 12.4 | 11.9 | 10.7 | 8.2 | 7.5 | 9.4 |
| | REL. HUM. % | 87 | 85 | 86 | 86 | 87 | 88 | 91 | 90 | 88 | 87 | 87 | 86 | 87 |
| | VAP. CONC. G/M ³ | 5.6 | 5.4 | 5.9 | 6.3 | 7.2 | 8.7 | 9.3 | 9.4 | 9.1 | 8.2 | 6.4 | 5.9 | 7.3 |
| 09 | DRY BULB °C | 4.0 | 3.6 | 5.6 | 8.2 | 10.9 | 14.2 | 14.3 | 14.4 | 12.9 | 10.6 | 6.1 | 4.7 | 9.1 |
| | WET BULB °C | 3.2 | 2.7 | 4.5 | 6.6 | 9.0 | 12.1 | 12.5 | 12.8 | 11.5 | 9.5 | 5.1 | 3.8 | 7.8 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.7 | 8.7 | 10.1 | 12.5 | 13.1 | 13.5 | 12.6 | 11.1 | 8.3 | 7.5 | 9.9 |
| | REL. HUM. % | 87 | 86 | 83 | 79 | 77 | 77 | 80 | 82 | 85 | 86 | 86 | 86 | 83 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 6.0 | 6.7 | 7.7 | 9.4 | 9.9 | 10.2 | 9.6 | 8.5 | 6.4 | 5.9 | 7.6 |
| 15 | DRY BULB °C | 5.8 | 6.1 | 8.1 | 10.4 | 13.0 | 16.2 | 16.1 | 16.5 | 15.0 | 12.6 | 8.0 | 6.0 | 11.1 |
| | WET BULB °C | 4.6 | 4.6 | 6.1 | 7.9 | 10.2 | 13.1 | 13.4 | 13.7 | 12.6 | 10.6 | 6.6 | 4.9 | 9.0 |
| | VAP. PRESS. MB | 7.7 | 7.4 | 8.0 | 8.8 | 10.3 | 12.8 | 13.3 | 13.7 | 12.8 | 11.4 | 8.8 | 7.9 | 10.2 |
| | REL. HUM. % | 82 | 77 | 73 | 69 | 69 | 70 | 73 | 72 | 75 | 78 | 81 | 83 | 75 |
| | VAP. CONC. G/M ³ | 6.0 | 5.7 | 6.2 | 6.7 | 7.8 | 9.6 | 10.0 | 10.3 | 9.6 | 8.6 | 6.8 | 6.1 | 7.8 |
| 21 | DRY BULB °C | 4.3 | 4.0 | 5.5 | 7.3 | 9.8 | 13.1 | 13.3 | 13.3 | 12.0 | 10.2 | 6.1 | 4.9 | 8.7 |
| | WET BULB °C | 3.4 | 3.0 | 4.5 | 6.0 | 8.4 | 11.5 | 11.9 | 12.0 | 10.9 | 9.2 | 5.2 | 4.0 | 7.5 |
| | VAP. PRESS. MB | 7.3 | 7.0 | 7.7 | 8.6 | 10.0 | 12.4 | 12.8 | 13.1 | 12.3 | 10.9 | 8.3 | 7.6 | 9.8 |
| | REL. HUM. % | 86 | 84 | 84 | 83 | 82 | 81 | 86 | 85 | 87 | 86 | 86 | 85 | 85 |
| | VAP. CONC. G/M ³ | 5.7 | 5.5 | 6.0 | 6.6 | 7.7 | 9.4 | 9.7 | 9.9 | 9.4 | 8.3 | 6.4 | 5.9 | 7.5 |

BELFAST/ALDERGROVE AIRPORT

N.G.R. 33/147798

ALTITUDE 68 METRES

1961 - 70

| TIME (GMT) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|------------|-----------------------------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|------|
| 03 | DRY BULB °C | 3.3 | 2.8 | 3.8 | 5.1 | 7.6 | 10.6 | 11.4 | 11.6 | 10.8 | 9.3 | 5.3 | 3.8 | 7.1 |
| | WET BULB °C | 2.7 | 2.1 | 3.1 | 4.4 | 6.8 | 9.7 | 10.6 | 10.9 | 10.1 | 8.6 | 4.6 | 3.2 | 6.4 |
| | VAP. PRESS. MB | 7.1 | 6.7 | 7.3 | 8.0 | 9.4 | 11.5 | 12.2 | 12.6 | 11.9 | 10.8 | 8.1 | 7.3 | 9.4 |
| | REL. HUM. % | 90 | 87 | 88 | 89 | 89 | 89 | 89 | 91 | 91 | 91 | 89 | 89 | 89 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.7 | 6.2 | 7.3 | 8.8 | 9.3 | 9.6 | 9.1 | 8.3 | 6.3 | 5.7 | 7.3 |
| 09 | DRY BULB °C | 3.3 | 2.9 | 4.7 | 7.4 | 10.4 | 13.8 | 13.9 | 13.9 | 12.3 | 9.9 | 5.5 | 3.8 | 8.5 |
| | WET BULB °C | 2.7 | 2.2 | 3.8 | 6.1 | 8.8 | 11.8 | 12.3 | 12.5 | 11.3 | 9.1 | 4.8 | 3.1 | 7.4 |
| | VAP. PRESS. MB | 7.2 | 6.8 | 7.5 | 8.6 | 10.1 | 12.4 | 13.1 | 13.6 | 12.6 | 11.1 | 8.2 | 7.3 | 9.9 |
| | REL. HUM. % | 90 | 88 | 87 | 82 | 80 | 78 | 82 | 85 | 87 | 89 | 89 | 89 | 85 |
| | VAP. CONC. G/M ³ | 5.6 | 5.3 | 5.9 | 6.6 | 7.7 | 9.4 | 9.9 | 10.3 | 9.6 | 8.5 | 6.4 | 5.7 | 7.6 |
| 15 | DRY BULB °C | 5.1 | 5.4 | 7.6 | 10.2 | 12.9 | 16.4 | 16.5 | 16.5 | 14.9 | 12.1 | 7.4 | 5.3 | 10.9 |
| | WET BULB °C | 4.2 | 4.0 | 5.7 | 7.8 | 10.2 | 13.2 | 13.6 | 13.8 | 12.6 | 10.4 | 6.2 | 4.3 | 8.8 |
| | VAP. PRESS. MB | 7.6 | 7.2 | 7.8 | 8.7 | 10.4 | 12.7 | 13.4 | 13.8 | 12.9 | 11.5 | 8.6 | 7.7 | 10.2 |
| | REL. HUM. % | 85 | 79 | 74 | 69 | 70 | 69 | 71 | 74 | 76 | 80 | 82 | 85 | 76 |
| | VAP. CONC. G/M ³ | 5.9 | 5.6 | 6.0 | 6.7 | 7.9 | 9.5 | 10.0 | 10.3 | 9.7 | 8.7 | 6.6 | 6.0 | 7.7 |
| 21 | DRY BULB °C | 3.8 | 3.5 | 4.9 | 6.8 | 9.5 | 13.1 | 13.4 | 13.2 | 11.8 | 9.8 | 5.7 | 4.0 | 8.3 |
| | WET BULB °C | 3.1 | 2.6 | 4.0 | 5.7 | 8.2 | 11.4 | 11.9 | 12.0 | 10.8 | 8.9 | 4.9 | 3.3 | 7.2 |
| | VAP. PRESS. MB | 7.3 | 6.9 | 7.5 | 8.4 | 9.9 | 12.3 | 12.9 | 13.1 | 12.3 | 10.9 | 8.3 | 7.4 | 9.8 |
| | REL. HUM. % | 89 | 86 | 85 | 84 | 83 | 81 | 83 | 86 | 88 | 89 | 88 | 88 | 86 |
| | VAP. CONC. G/M ³ | 5.7 | 5.4 | 5.8 | 6.5 | 7.6 | 9.3 | 9.8 | 9.9 | 9.4 | 8.4 | 6.5 | 5.8 | 7.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

O SCOTLAND NORTH
BENBECULA

1961 - 70

N.G.R. 08/782555 ALTITUDE 6 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.3 | 12.0 | 12.5 | 12.8 | 15.1 | 16.8 | 16.8 | 19.9 | 17.4 | 16.2 | 14.1 | 12.6 | 19.9 |
| EXCEEDED 1% OF TIME | 11.6 | 11.4 | 11.7 | 12.0 | 13.2 | 15.8 | 16.0 | 17.3 | 16.3 | 15.1 | 13.1 | 12.0 | 15.8 |
| EXCEEDED 5% OF TIME | 10.7 | 10.4 | 10.9 | 11.5 | 12.4 | 14.8 | 15.4 | 16.1 | 15.4 | 14.2 | 12.0 | 11.3 | 14.4 |
| EXCEEDED 10% OF TIME | 10.1 | 9.7 | 10.3 | 11.0 | 12.0 | 14.1 | 14.8 | 15.5 | 14.8 | 13.8 | 11.3 | 10.6 | 13.6 |
| EXCEEDED 25% OF TIME | 8.9 | 8.5 | 9.1 | 9.9 | 11.2 | 13.3 | 13.7 | 14.1 | 13.6 | 12.8 | 9.9 | 9.2 | 11.9 |
| EXCEEDED 50% OF TIME | 7.5 | 6.9 | 7.6 | 8.4 | 9.9 | 12.1 | 12.4 | 12.8 | 12.3 | 11.2 | 8.1 | 7.6 | 9.8 |
| EXCEEDED 75% OF TIME | 6.3 | 5.7 | 6.3 | 7.0 | 8.9 | 10.8 | 11.2 | 11.6 | 10.8 | 9.5 | 6.8 | 6.3 | 7.5 |
| EXCEEDED 90% OF TIME | 5.3 | 4.8 | 5.3 | 5.9 | 7.4 | 9.8 | 10.2 | 10.4 | 9.7 | 8.2 | 5.9 | 5.4 | 6.1 |
| EXCEEDED 95% OF TIME | 4.8 | 4.5 | 4.9 | 5.5 | 6.7 | 9.3 | 9.7 | 9.7 | 9.1 | 7.3 | 5.4 | 5.0 | 5.4 |
| EXCEEDED 99% OF TIME | 4.0 | 3.9 | 4.0 | 4.7 | 5.8 | 8.0 | 8.8 | 8.7 | 7.7 | 6.3 | 4.6 | 4.1 | 4.5 |
| EXTREME MINIMUM | 3.3 | 3.1 | 3.0 | 3.6 | 4.8 | 6.1 | 7.5 | 8.1 | 7.0 | 5.5 | 4.1 | 3.3 | 3.0 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.4 | 9.2 | 9.5 | 9.8 | 11.3 | 12.5 | 12.6 | 14.7 | 13.0 | 12.1 | 10.7 | 9.6 | 14.7 |
| EXCEEDED 1% OF TIME | 8.9 | 8.8 | 8.9 | 9.2 | 10.0 | 11.8 | 12.1 | 12.9 | 12.2 | 11.4 | 10.0 | 9.2 | 11.9 |
| EXCEEDED 5% OF TIME | 8.2 | 8.0 | 8.4 | 8.8 | 9.5 | 11.1 | 11.6 | 12.1 | 11.6 | 10.8 | 9.2 | 8.7 | 10.9 |
| EXCEEDED 10% OF TIME | 7.8 | 7.5 | 7.9 | 8.5 | 9.1 | 10.7 | 11.2 | 11.7 | 11.2 | 10.5 | 8.7 | 8.2 | 10.3 |
| EXCEEDED 25% OF TIME | 6.9 | 6.6 | 7.0 | 7.6 | 8.5 | 10.0 | 10.4 | 10.7 | 10.3 | 9.7 | 7.6 | 7.1 | 9.1 |
| EXCEEDED 50% OF TIME | 5.9 | 5.4 | 5.9 | 6.5 | 7.6 | 9.2 | 9.4 | 9.7 | 9.4 | 8.6 | 6.3 | 5.9 | 7.5 |
| EXCEEDED 75% OF TIME | 4.9 | 4.5 | 5.0 | 5.4 | 6.8 | 8.3 | 8.5 | 8.8 | 8.3 | 7.3 | 5.3 | 5.0 | 5.9 |
| EXCEEDED 90% OF TIME | 4.2 | 3.8 | 4.2 | 4.6 | 5.7 | 7.5 | 7.8 | 8.0 | 7.4 | 6.3 | 4.6 | 4.3 | 4.8 |
| EXCEEDED 95% OF TIME | 3.8 | 3.6 | 3.8 | 4.3 | 5.2 | 7.1 | 7.4 | 7.4 | 6.9 | 5.7 | 4.2 | 4.0 | 4.2 |
| EXCEEDED 99% OF TIME | 3.2 | 3.1 | 3.2 | 3.7 | 4.6 | 6.0 | 6.7 | 6.7 | 5.9 | 4.9 | 3.7 | 3.3 | 3.5 |
| EXTREME MINIMUM | 2.6 | 2.5 | 2.3 | 2.9 | 3.8 | 4.6 | 5.8 | 6.2 | 5.4 | 4.3 | 3.2 | 2.7 | 2.3 |

KIRKWALL AIRPORT
N.G.R. 30/483076

1961 - 70

ALTITUDE 26 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.2 | 11.1 | 12.4 | 12.8 | 13.3 | 16.7 | 17.0 | 17.9 | 16.4 | 16.1 | 13.0 | 12.0 | 17.9 |
| EXCEEDED 1% OF TIME | 10.8 | 10.2 | 11.0 | 11.4 | 12.4 | 15.2 | 16.1 | 17.0 | 15.4 | 14.3 | 12.0 | 11.1 | 15.2 |
| EXCEEDED 5% OF TIME | 9.7 | 9.6 | 10.0 | 10.6 | 11.5 | 13.9 | 14.7 | 15.6 | 14.6 | 13.5 | 11.2 | 10.1 | 13.8 |
| EXCEEDED 10% OF TIME | 9.3 | 9.1 | 9.4 | 10.1 | 11.0 | 13.3 | 14.1 | 14.8 | 14.1 | 13.0 | 10.7 | 9.4 | 13.0 |
| EXCEEDED 25% OF TIME | 8.3 | 8.1 | 8.4 | 9.2 | 10.2 | 12.4 | 12.8 | 13.7 | 13.2 | 12.0 | 9.2 | 8.3 | 11.2 |
| EXCEEDED 50% OF TIME | 7.1 | 6.6 | 7.0 | 7.9 | 9.3 | 11.4 | 11.6 | 12.5 | 11.8 | 10.4 | 7.7 | 7.0 | 9.1 |
| EXCEEDED 75% OF TIME | 6.0 | 5.5 | 5.8 | 6.4 | 8.0 | 10.2 | 10.5 | 11.2 | 10.4 | 9.0 | 6.4 | 5.9 | 7.1 |
| EXCEEDED 90% OF TIME | 5.2 | 4.7 | 4.9 | 5.3 | 7.1 | 9.1 | 9.7 | 10.0 | 9.2 | 7.6 | 5.5 | 5.1 | 5.7 |
| EXCEEDED 95% OF TIME | 4.7 | 4.4 | 4.5 | 4.9 | 6.4 | 8.6 | 9.3 | 9.3 | 8.4 | 7.0 | 5.1 | 4.7 | 5.1 |
| EXCEEDED 99% OF TIME | 4.2 | 3.7 | 3.9 | 4.3 | 5.4 | 7.3 | 8.5 | 8.4 | 7.4 | 5.4 | 4.4 | 3.8 | 4.3 |
| EXTREME MINIMUM | 3.7 | 3.1 | 2.9 | 3.8 | 4.2 | 5.8 | 7.2 | 7.7 | 6.3 | 3.8 | 3.8 | 2.9 | 2.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.6 | 8.5 | 9.4 | 9.8 | 10.1 | 12.4 | 12.7 | 13.4 | 12.3 | 12.1 | 9.9 | 9.2 | 13.4 |
| EXCEEDED 1% OF TIME | 8.3 | 7.9 | 8.4 | 8.7 | 9.5 | 11.4 | 12.0 | 12.7 | 11.6 | 10.8 | 9.2 | 8.5 | 11.5 |
| EXCEEDED 5% OF TIME | 7.5 | 7.4 | 7.7 | 8.1 | 8.8 | 10.5 | 11.1 | 11.7 | 11.0 | 10.2 | 8.6 | 7.8 | 10.5 |
| EXCEEDED 10% OF TIME | 7.2 | 7.0 | 7.3 | 7.7 | 8.4 | 10.1 | 10.7 | 11.2 | 10.7 | 9.9 | 8.2 | 7.3 | 9.9 |
| EXCEEDED 25% OF TIME | 6.5 | 6.3 | 6.5 | 7.1 | 7.9 | 9.4 | 9.8 | 10.4 | 10.0 | 9.1 | 7.1 | 6.5 | 8.6 |
| EXCEEDED 50% OF TIME | 5.6 | 5.2 | 5.5 | 6.1 | 7.2 | 8.7 | 8.9 | 9.5 | 9.0 | 8.0 | 6.0 | 5.5 | 7.0 |
| EXCEEDED 75% OF TIME | 4.7 | 4.3 | 4.6 | 5.0 | 6.2 | 7.8 | 8.1 | 8.6 | 8.0 | 6.9 | 5.1 | 4.6 | 5.5 |
| EXCEEDED 90% OF TIME | 4.1 | 3.7 | 3.9 | 4.2 | 5.5 | 7.0 | 7.4 | 7.6 | 7.1 | 5.9 | 4.3 | 4.0 | 4.5 |
| EXCEEDED 95% OF TIME | 3.8 | 3.5 | 3.5 | 3.8 | 5.0 | 6.6 | 7.1 | 7.1 | 6.5 | 5.4 | 4.0 | 3.7 | 4.0 |
| EXCEEDED 99% OF TIME | 3.4 | 3.0 | 3.1 | 3.4 | 4.3 | 5.7 | 6.6 | 6.5 | 5.7 | 4.3 | 3.5 | 3.0 | 3.4 |
| EXTREME MINIMUM | 3.0 | 2.5 | 2.3 | 3.0 | 3.3 | 4.5 | 5.5 | 5.9 | 4.9 | 3.0 | 3.0 | 2.3 | 2.3 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

LERWICK

N.G.R. 41/453397

ALTITUDE 82 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.0 | 11.0 | 11.0 | 11.9 | 12.7 | 15.1 | 15.9 | 17.2 | 16.5 | 14.2 | 12.2 | 11.6 | 17.2 |
| EXCEEDED 1% OF TIME | 10.4 | 10.3 | 10.6 | 10.8 | 11.7 | 14.2 | 14.6 | 16.1 | 14.9 | 13.7 | 11.6 | 10.9 | 14.6 |
| EXCEEDED 5% OF TIME | 9.6 | 9.5 | 9.8 | 10.2 | 10.9 | 13.4 | 14.1 | 14.9 | 14.1 | 13.0 | 10.8 | 10.3 | 13.4 |
| EXCEEDED 10% OF TIME | 9.2 | 9.1 | 9.2 | 9.7 | 10.6 | 12.8 | 13.6 | 14.3 | 13.6 | 12.6 | 10.2 | 9.7 | 12.6 |
| EXCEEDED 25% OF TIME | 8.1 | 7.8 | 8.1 | 9.1 | 9.9 | 12.1 | 12.6 | 13.4 | 12.9 | 11.8 | 9.0 | 8.3 | 11.0 |
| EXCEEDED 50% OF TIME | 6.7 | 6.4 | 6.7 | 7.6 | 9.0 | 11.1 | 11.4 | 12.2 | 11.7 | 10.2 | 7.3 | 6.7 | 8.9 |
| EXCEEDED 75% OF TIME | 5.7 | 5.3 | 5.5 | 6.1 | 7.8 | 9.8 | 10.2 | 10.9 | 10.1 | 8.6 | 6.0 | 5.4 | 6.7 |
| EXCEEDED 90% OF TIME | 4.8 | 4.5 | 4.7 | 5.2 | 6.7 | 8.6 | 9.1 | 9.4 | 8.4 | 6.9 | 5.1 | 4.7 | 5.4 |
| EXCEEDED 95% OF TIME | 4.4 | 4.1 | 4.3 | 4.8 | 6.1 | 8.0 | 8.6 | 8.7 | 7.6 | 6.2 | 4.8 | 4.4 | 4.8 |
| EXCEEDED 99% OF TIME | 3.7 | 3.4 | 3.7 | 4.2 | 5.2 | 6.9 | 7.7 | 7.8 | 6.7 | 5.2 | 4.1 | 3.7 | 4.0 |
| EXTREME MINIMUM | 3.1 | 2.9 | 2.8 | 3.2 | 4.1 | 5.1 | 6.7 | 6.1 | 5.0 | 4.2 | 3.0 | 3.0 | 2.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.5 | 8.5 | 8.5 | 9.1 | 9.6 | 11.3 | 12.0 | 12.9 | 12.4 | 10.8 | 9.3 | 8.9 | 12.9 |
| EXCEEDED 1% OF TIME | 8.0 | 8.0 | 8.2 | 8.3 | 8.9 | 10.8 | 11.1 | 12.1 | 11.3 | 10.4 | 8.9 | 8.4 | 11.0 |
| EXCEEDED 5% OF TIME | 7.4 | 7.4 | 7.5 | 7.9 | 8.4 | 10.2 | 10.7 | 11.3 | 10.7 | 9.9 | 8.3 | 8.0 | 10.2 |
| EXCEEDED 10% OF TIME | 7.1 | 7.1 | 7.1 | 7.5 | 8.2 | 9.8 | 10.4 | 10.8 | 10.4 | 9.6 | 7.9 | 7.5 | 9.6 |
| EXCEEDED 25% OF TIME | 6.3 | 6.1 | 6.3 | 7.0 | 7.7 | 9.2 | 9.6 | 10.2 | 9.8 | 9.0 | 7.0 | 6.4 | 8.4 |
| EXCEEDED 50% OF TIME | 5.3 | 5.0 | 5.3 | 5.9 | 7.0 | 8.5 | 8.7 | 9.3 | 9.0 | 7.8 | 5.7 | 5.2 | 6.9 |
| EXCEEDED 75% OF TIME | 4.5 | 4.2 | 4.3 | 4.8 | 6.0 | 7.5 | 7.8 | 8.3 | 7.7 | 6.7 | 4.8 | 4.3 | 5.2 |
| EXCEEDED 90% OF TIME | 3.8 | 3.6 | 3.7 | 4.1 | 5.2 | 6.7 | 7.0 | 7.3 | 6.5 | 5.4 | 4.1 | 3.8 | 4.2 |
| EXCEEDED 95% OF TIME | 3.5 | 3.3 | 3.4 | 3.8 | 4.8 | 6.2 | 6.6 | 6.7 | 5.9 | 4.9 | 3.8 | 3.5 | 3.8 |
| EXCEEDED 99% OF TIME | 3.0 | 2.7 | 3.0 | 3.3 | 4.1 | 5.3 | 5.9 | 6.0 | 5.2 | 4.1 | 3.3 | 3.0 | 3.2 |
| EXTREME MINIMUM | 2.5 | 2.3 | 2.2 | 2.6 | 3.2 | 4.0 | 5.1 | 4.7 | 3.9 | 3.3 | 2.4 | 2.4 | 2.2 |

STORNOWAY

N.G.R. 19/459332

ALTITUDE 3 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.2 | 12.5 | 13.2 | 14.9 | 18.3 | 18.2 | 18.0 | 16.8 | 17.0 | 14.0 | 13.1 | 18.3 |
| EXCEEDED 1% OF TIME | 11.7 | 11.4 | 11.9 | 12.0 | 13.2 | 16.3 | 16.2 | 16.8 | 16.1 | 15.1 | 13.0 | 12.2 | 15.8 |
| EXCEEDED 5% OF TIME | 10.7 | 10.2 | 10.9 | 11.2 | 12.3 | 15.0 | 15.3 | 15.8 | 15.2 | 14.1 | 11.8 | 11.2 | 14.3 |
| EXCEEDED 10% OF TIME | 10.1 | 9.5 | 10.2 | 10.8 | 11.7 | 14.2 | 14.7 | 15.2 | 14.6 | 13.7 | 11.2 | 10.5 | 13.5 |
| EXCEEDED 25% OF TIME | 8.7 | 8.3 | 9.0 | 9.7 | 10.9 | 13.1 | 13.6 | 14.0 | 13.5 | 12.4 | 9.7 | 8.9 | 11.8 |
| EXCEEDED 50% OF TIME | 7.3 | 6.8 | 7.5 | 8.4 | 9.9 | 12.0 | 12.2 | 12.7 | 12.1 | 10.8 | 8.1 | 7.4 | 9.7 |
| EXCEEDED 75% OF TIME | 6.2 | 5.7 | 6.3 | 6.8 | 8.7 | 10.7 | 11.0 | 11.4 | 10.7 | 9.2 | 6.7 | 6.2 | 7.4 |
| EXCEEDED 90% OF TIME | 5.3 | 4.9 | 5.3 | 5.9 | 7.5 | 9.7 | 10.1 | 10.2 | 9.6 | 7.9 | 5.9 | 5.4 | 6.1 |
| EXCEEDED 95% OF TIME | 4.8 | 4.4 | 4.7 | 5.3 | 6.8 | 9.2 | 9.7 | 9.7 | 9.0 | 7.1 | 5.4 | 4.9 | 5.4 |
| EXCEEDED 99% OF TIME | 4.0 | 3.9 | 4.1 | 4.4 | 6.1 | 7.7 | 8.7 | 8.5 | 7.9 | 6.1 | 4.5 | 4.0 | 4.4 |
| EXTREME MINIMUM | 3.3 | 3.1 | 3.2 | 3.9 | 4.8 | 6.6 | 7.8 | 7.5 | 6.2 | 5.2 | 3.9 | 2.4 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.3 | 9.6 | 10.1 | 11.2 | 13.5 | 13.6 | 13.5 | 12.6 | 12.8 | 10.6 | 10.0 | 13.6 |
| EXCEEDED 1% OF TIME | 9.0 | 8.7 | 9.1 | 9.2 | 10.0 | 12.2 | 12.2 | 12.6 | 12.1 | 11.4 | 9.9 | 9.3 | 11.9 |
| EXCEEDED 5% OF TIME | 8.2 | 7.8 | 8.4 | 8.6 | 9.4 | 11.2 | 11.5 | 11.9 | 11.4 | 10.7 | 9.0 | 8.6 | 10.8 |
| EXCEEDED 10% OF TIME | 7.8 | 7.3 | 7.9 | 8.3 | 9.0 | 10.7 | 11.1 | 11.4 | 11.0 | 10.4 | 8.6 | 8.1 | 10.2 |
| EXCEEDED 25% OF TIME | 6.8 | 6.4 | 6.9 | 7.5 | 8.3 | 10.0 | 10.3 | 10.6 | 10.2 | 9.5 | 7.5 | 6.9 | 9.0 |
| EXCEEDED 50% OF TIME | 5.7 | 5.4 | 5.9 | 6.5 | 7.6 | 9.1 | 9.3 | 9.6 | 9.2 | 8.3 | 6.3 | 5.8 | 7.4 |
| EXCEEDED 75% OF TIME | 4.9 | 4.5 | 4.9 | 5.3 | 6.7 | 8.2 | 8.4 | 8.7 | 8.2 | 7.1 | 5.3 | 4.9 | 5.8 |
| EXCEEDED 90% OF TIME | 4.2 | 3.9 | 4.2 | 4.6 | 5.8 | 7.4 | 7.7 | 7.8 | 7.4 | 6.2 | 4.7 | 4.3 | 4.8 |
| EXCEEDED 95% OF TIME | 3.8 | 3.5 | 3.7 | 4.2 | 5.3 | 7.0 | 7.4 | 7.4 | 6.9 | 5.6 | 4.3 | 3.9 | 4.2 |
| EXCEEDED 99% OF TIME | 3.2 | 3.2 | 3.3 | 3.5 | 4.7 | 5.9 | 6.7 | 6.6 | 6.1 | 4.7 | 3.6 | 3.3 | 3.5 |
| EXTREME MINIMUM | 2.7 | 2.5 | 2.5 | 3.0 | 3.8 | 5.1 | 6.1 | 5.9 | 4.8 | 4.1 | 3.1 | 2.0 | 2.0 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03,09,15 AND 21 GMT

WICK

1961 - 70

N.G.R. 39/364522

ALTITUDE 36 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.1 | 11.3 | 11.9 | 12.7 | 14.4 | 17.0 | 17.5 | 18.4 | 16.5 | 15.3 | 12.4 | 11.8 | 18.4 |
| EXCEEDED 1% OF TIME | 10.4 | 10.0 | 10.8 | 11.2 | 12.3 | 14.8 | 16.7 | 16.4 | 15.4 | 14.3 | 12.0 | 10.8 | 15.3 |
| EXCEEDED 5% OF TIME | 9.4 | 9.2 | 9.8 | 10.4 | 11.2 | 13.7 | 14.7 | 15.5 | 14.6 | 13.4 | 11.2 | 9.7 | 13.8 |
| EXCEEDED 10% OF TIME | 9.0 | 8.7 | 9.1 | 10.0 | 10.8 | 13.2 | 14.0 | 14.8 | 14.2 | 13.0 | 10.6 | 9.2 | 13.0 |
| EXCEEDED 25% OF TIME | 8.0 | 7.7 | 8.1 | 9.0 | 10.2 | 12.4 | 12.8 | 13.7 | 13.2 | 11.8 | 8.9 | 8.0 | 11.2 |
| EXCEEDED 50% OF TIME | 6.7 | 6.4 | 6.8 | 7.7 | 9.2 | 11.4 | 11.6 | 12.4 | 11.8 | 10.2 | 7.3 | 6.8 | 8.9 |
| EXCEEDED 75% OF TIME | 5.8 | 5.4 | 5.8 | 6.3 | 8.1 | 10.1 | 10.4 | 11.0 | 10.4 | 8.7 | 6.2 | 5.9 | 6.8 |
| EXCEEDED 90% OF TIME | 5.0 | 4.6 | 4.9 | 5.3 | 7.1 | 9.0 | 9.6 | 9.7 | 9.0 | 7.5 | 5.4 | 5.1 | 5.6 |
| EXCEEDED 95% OF TIME | 4.5 | 4.1 | 4.5 | 5.0 | 6.6 | 8.4 | 9.1 | 9.2 | 8.3 | 6.8 | 5.0 | 4.6 | 5.1 |
| EXCEEDED 99% OF TIME | 3.5 | 3.5 | 3.7 | 4.3 | 5.4 | 7.4 | 8.2 | 8.1 | 7.3 | 5.6 | 4.3 | 3.7 | 4.1 |
| EXTREME MINIMUM | 2.4 | 2.5 | 3.0 | 3.5 | 4.8 | 5.5 | 7.0 | 6.7 | 6.9 | 4.8 | 2.9 | 2.3 | 2.3 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.5 | 8.7 | 9.0 | 9.7 | 10.8 | 12.8 | 13.1 | 13.6 | 12.4 | 11.5 | 9.5 | 9.0 | 13.6 |
| EXCEEDED 1% OF TIME | 8.0 | 7.7 | 8.3 | 8.6 | 9.4 | 11.2 | 12.4 | 12.3 | 11.7 | 10.8 | 9.2 | 8.2 | 11.5 |
| EXCEEDED 5% OF TIME | 7.3 | 7.1 | 7.5 | 8.0 | 8.6 | 10.4 | 11.1 | 11.7 | 11.0 | 10.2 | 8.6 | 7.5 | 10.4 |
| EXCEEDED 10% OF TIME | 7.0 | 6.8 | 7.0 | 7.7 | 8.3 | 10.0 | 10.6 | 11.2 | 10.7 | 9.8 | 8.1 | 7.1 | 9.8 |
| EXCEEDED 25% OF TIME | 6.2 | 6.0 | 6.3 | 7.0 | 7.8 | 9.4 | 9.7 | 10.4 | 10.0 | 9.0 | 6.9 | 6.2 | 8.5 |
| EXCEEDED 50% OF TIME | 5.3 | 5.0 | 5.3 | 6.0 | 7.1 | 8.7 | 8.9 | 9.4 | 9.0 | 7.8 | 5.7 | 5.3 | 6.9 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.5 | 4.9 | 6.3 | 7.7 | 8.0 | 8.4 | 7.9 | 6.7 | 4.9 | 4.6 | 5.3 |
| EXCEEDED 90% OF TIME | 4.0 | 3.6 | 3.9 | 4.2 | 5.5 | 6.9 | 7.4 | 7.4 | 6.9 | 5.8 | 4.3 | 4.0 | 4.4 |
| EXCEEDED 95% OF TIME | 3.5 | 3.3 | 3.5 | 3.9 | 5.1 | 6.4 | 7.0 | 7.0 | 6.4 | 5.3 | 4.0 | 3.7 | 4.0 |
| EXCEEDED 99% OF TIME | 2.8 | 2.8 | 3.0 | 3.4 | 4.2 | 5.7 | 6.4 | 6.3 | 5.7 | 4.4 | 3.4 | 3.0 | 3.2 |
| EXTREME MINIMUM | 2.0 | 2.0 | 2.5 | 2.8 | 3.7 | 4.3 | 5.5 | 5.3 | 5.3 | 3.8 | 2.4 | 1.9 | 1.9 |

1 SCOTLAND EAST

ABERDEEN/DYCE AIRPORT

1961 - 70

N.G.R. 38/883125

ALTITUDE 58 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 10.9 | 10.8 | 12.2 | 14.0 | 13.8 | 17.8 | 19.4 | 19.3 | 18.0 | 16.4 | 13.8 | 12.2 | 19.4 |
| EXCEEDED 1% OF TIME | 10.0 | 9.6 | 10.6 | 11.8 | 12.8 | 15.7 | 17.5 | 17.3 | 16.4 | 14.8 | 12.0 | 10.6 | 15.9 |
| EXCEEDED 5% OF TIME | 9.2 | 8.9 | 9.4 | 10.6 | 11.7 | 14.5 | 15.4 | 16.1 | 15.2 | 13.6 | 11.0 | 9.4 | 14.0 |
| EXCEEDED 10% OF TIME | 8.7 | 8.4 | 8.7 | 10.0 | 11.2 | 13.8 | 14.6 | 15.3 | 14.4 | 12.9 | 10.2 | 8.6 | 13.0 |
| EXCEEDED 25% OF TIME | 7.5 | 7.2 | 7.6 | 8.7 | 10.0 | 12.5 | 13.2 | 13.8 | 13.2 | 11.7 | 8.6 | 7.4 | 11.0 |
| EXCEEDED 50% OF TIME | 6.3 | 6.0 | 6.4 | 7.3 | 8.9 | 11.2 | 11.5 | 12.2 | 11.6 | 9.7 | 7.0 | 6.3 | 8.5 |
| EXCEEDED 75% OF TIME | 5.3 | 5.1 | 5.5 | 6.0 | 7.7 | 9.8 | 10.1 | 10.6 | 9.9 | 8.2 | 5.8 | 5.5 | 6.4 |
| EXCEEDED 90% OF TIME | 4.6 | 4.4 | 4.8 | 5.1 | 6.6 | 8.4 | 9.1 | 9.3 | 8.8 | 7.0 | 4.9 | 4.7 | 5.3 |
| EXCEEDED 95% OF TIME | 4.1 | 3.9 | 4.3 | 4.8 | 6.2 | 7.9 | 8.8 | 8.8 | 7.8 | 6.3 | 4.7 | 4.4 | 4.8 |
| EXCEEDED 99% OF TIME | 2.7 | 2.6 | 3.6 | 4.1 | 5.3 | 7.0 | 7.9 | 7.9 | 6.7 | 5.4 | 3.9 | 3.3 | 3.7 |
| EXTREME MINIMUM | 2.2 | 1.4 | 2.0 | 2.7 | 4.3 | 5.7 | 6.4 | 6.4 | 5.1 | 4.7 | 3.0 | 2.5 | 1.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.3 | 8.3 | 9.1 | 10.6 | 10.4 | 13.1 | 14.4 | 14.3 | 13.4 | 12.3 | 10.4 | 9.3 | 14.4 |
| EXCEEDED 1% OF TIME | 7.6 | 7.6 | 8.1 | 8.9 | 9.6 | 11.8 | 13.0 | 12.9 | 12.3 | 11.1 | 9.2 | 8.1 | 11.9 |
| EXCEEDED 5% OF TIME | 7.1 | 6.9 | 7.2 | 8.0 | 8.9 | 10.9 | 11.6 | 12.1 | 11.3 | 10.2 | 8.5 | 7.3 | 10.6 |
| EXCEEDED 10% OF TIME | 6.8 | 6.5 | 6.7 | 7.7 | 8.5 | 10.4 | 11.0 | 11.5 | 10.9 | 9.8 | 7.9 | 6.7 | 9.9 |
| EXCEEDED 25% OF TIME | 5.8 | 5.6 | 5.9 | 6.8 | 7.7 | 9.5 | 10.0 | 10.4 | 10.0 | 8.9 | 6.7 | 5.7 | 8.3 |
| EXCEEDED 50% OF TIME | 4.9 | 4.7 | 5.0 | 5.7 | 6.9 | 8.5 | 8.7 | 9.3 | 8.8 | 7.5 | 5.4 | 4.9 | 6.6 |
| EXCEEDED 75% OF TIME | 4.2 | 4.1 | 4.3 | 4.7 | 5.9 | 7.4 | 7.7 | 8.1 | 7.6 | 6.3 | 4.6 | 4.3 | 5.0 |
| EXCEEDED 90% OF TIME | 3.7 | 3.5 | 3.8 | 4.0 | 5.1 | 6.5 | 7.0 | 7.2 | 6.7 | 5.4 | 3.9 | 3.8 | 4.2 |
| EXCEEDED 95% OF TIME | 3.2 | 3.1 | 3.5 | 3.7 | 4.8 | 6.1 | 6.7 | 6.7 | 6.1 | 5.0 | 3.7 | 3.5 | 3.8 |
| EXCEEDED 99% OF TIME | 2.2 | 2.1 | 2.9 | 3.3 | 4.1 | 5.3 | 6.1 | 6.1 | 5.2 | 4.3 | 3.1 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.8 | 1.2 | 1.7 | 2.2 | 3.3 | 4.4 | 5.1 | 5.0 | 3.9 | 3.7 | 2.5 | 2.0 | 1.2 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

EDINBURGH/TURNHOUSE AIRPORT

1961 - 70

N.G.R. 36/159739

ALTITUDE

35 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.2 | 11.6 | 12.4 | 14.0 | 15.0 | 16.8 | 19.8 | 20.3 | 18.2 | 17.6 | 14.9 | 12.2 | 20.3 |
| EXCEEDED 1% OF TIME | 11.2 | 10.9 | 11.3 | 12.1 | 13.4 | 15.9 | 17.8 | 17.5 | 17.1 | 15.5 | 12.6 | 11.7 | 16.3 |
| EXCEEDED 5% OF TIME | 9.5 | 9.4 | 9.9 | 11.0 | 12.4 | 14.5 | 15.8 | 16.4 | 15.6 | 14.0 | 11.3 | 10.3 | 14.4 |
| EXCEEDED 10% OF TIME | 8.9 | 8.7 | 9.2 | 10.3 | 11.6 | 13.8 | 15.0 | 15.6 | 14.7 | 13.2 | 10.6 | 9.2 | 13.3 |
| EXCEEDED 25% OF TIME | 7.8 | 7.4 | 8.0 | 9.2 | 10.5 | 12.8 | 13.5 | 14.3 | 13.4 | 11.8 | 9.2 | 7.8 | 11.4 |
| EXCEEDED 50% OF TIME | 6.6 | 6.1 | 6.7 | 7.8 | 9.3 | 11.6 | 12.0 | 12.6 | 11.8 | 10.1 | 7.5 | 6.5 | 9.0 |
| EXCEEDED 75% OF TIME | 5.5 | 5.1 | 5.6 | 6.3 | 8.0 | 10.2 | 10.6 | 11.2 | 10.5 | 8.5 | 6.1 | 5.3 | 6.7 |
| EXCEEDED 90% OF TIME | 4.5 | 4.2 | 4.5 | 5.1 | 7.1 | 9.0 | 9.7 | 9.9 | 9.3 | 7.2 | 5.1 | 4.4 | 5.3 |
| EXCEEDED 95% OF TIME | 3.8 | 3.7 | 4.1 | 4.6 | 6.5 | 8.5 | 9.2 | 9.1 | 8.4 | 6.6 | 4.5 | 3.9 | 4.6 |
| EXCEEDED 99% OF TIME | 2.9 | 2.7 | 3.1 | 3.9 | 5.4 | 6.9 | 8.1 | 7.9 | 7.5 | 5.1 | 3.9 | 3.1 | 3.6 |
| EXTREME MINIMUM | 2.3 | 1.9 | 2.8 | 3.3 | 4.1 | 5.1 | 6.9 | 7.0 | 5.9 | 4.0 | 2.7 | 2.1 | 1.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 8.9 | 9.4 | 10.4 | 11.1 | 12.4 | 14.7 | 15.0 | 13.5 | 13.2 | 11.2 | 9.3 | 15.0 |
| EXCEEDED 1% OF TIME | 8.6 | 8.3 | 8.6 | 9.2 | 10.1 | 11.9 | 13.1 | 13.0 | 12.8 | 11.7 | 9.6 | 8.9 | 12.2 |
| EXCEEDED 5% OF TIME | 7.3 | 7.2 | 7.6 | 8.4 | 9.4 | 10.9 | 11.9 | 12.2 | 11.7 | 10.6 | 8.7 | 7.9 | 10.9 |
| EXCEEDED 10% OF TIME | 6.9 | 6.7 | 7.1 | 7.9 | 8.9 | 10.4 | 11.3 | 11.7 | 11.1 | 10.0 | 8.1 | 7.1 | 10.1 |
| EXCEEDED 25% OF TIME | 6.1 | 5.7 | 6.2 | 7.0 | 8.0 | 9.7 | 10.2 | 10.8 | 10.1 | 9.0 | 7.1 | 6.1 | 8.6 |
| EXCEEDED 50% OF TIME | 5.2 | 4.8 | 5.2 | 6.0 | 7.1 | 8.8 | 9.1 | 9.5 | 9.0 | 7.8 | 5.9 | 5.1 | 6.9 |
| EXCEEDED 75% OF TIME | 4.3 | 4.0 | 4.4 | 4.9 | 6.2 | 7.8 | 8.1 | 8.5 | 8.0 | 6.6 | 4.8 | 4.2 | 5.3 |
| EXCEEDED 90% OF TIME | 3.5 | 3.3 | 3.5 | 4.0 | 5.5 | 6.9 | 7.4 | 7.5 | 7.1 | 5.7 | 4.0 | 3.5 | 4.2 |
| EXCEEDED 95% OF TIME | 3.1 | 3.0 | 3.2 | 3.6 | 5.1 | 6.6 | 7.0 | 7.0 | 6.5 | 5.1 | 3.6 | 3.1 | 3.6 |
| EXCEEDED 99% OF TIME | 2.4 | 2.2 | 2.5 | 3.0 | 4.2 | 5.4 | 6.3 | 6.0 | 5.8 | 4.0 | 3.1 | 2.5 | 2.8 |
| EXTREME MINIMUM | 1.9 | 1.6 | 2.3 | 2.6 | 3.2 | 3.9 | 5.2 | 5.5 | 4.7 | 3.1 | 2.2 | 1.7 | 1.6 |

KINLOSS

1961 - 70

N.G.R. 38/067627

ALTITUDE

5 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.2 | 11.1 | 12.0 | 13.2 | 14.5 | 18.8 | 19.0 | 21.5 | 18.1 | 15.7 | 12.7 | 12.0 | 21.5 |
| EXCEEDED 1% OF TIME | 10.0 | 10.3 | 10.9 | 11.8 | 13.3 | 16.2 | 16.6 | 18.2 | 16.6 | 14.4 | 11.9 | 10.4 | 15.8 |
| EXCEEDED 5% OF TIME | 9.1 | 9.0 | 9.7 | 10.8 | 12.0 | 14.7 | 15.2 | 16.2 | 14.8 | 13.3 | 11.0 | 9.3 | 14.0 |
| EXCEEDED 10% OF TIME | 8.4 | 8.4 | 9.0 | 10.2 | 11.4 | 13.9 | 14.4 | 15.4 | 14.2 | 12.6 | 10.2 | 8.7 | 13.0 |
| EXCEEDED 25% OF TIME | 7.4 | 7.3 | 7.8 | 8.8 | 10.2 | 12.8 | 13.1 | 13.8 | 13.0 | 11.3 | 8.7 | 7.6 | 11.0 |
| EXCEEDED 50% OF TIME | 6.5 | 6.2 | 6.7 | 7.5 | 9.0 | 11.3 | 11.6 | 12.2 | 11.5 | 9.8 | 7.1 | 6.5 | 8.7 |
| EXCEEDED 75% OF TIME | 5.5 | 5.2 | 5.6 | 6.3 | 7.9 | 9.9 | 10.4 | 10.8 | 10.2 | 8.3 | 6.1 | 5.7 | 6.7 |
| EXCEEDED 90% OF TIME | 4.7 | 4.3 | 4.7 | 5.3 | 7.0 | 8.9 | 9.5 | 9.8 | 9.0 | 7.3 | 5.3 | 4.9 | 5.4 |
| EXCEEDED 95% OF TIME | 4.0 | 3.8 | 4.2 | 4.8 | 6.4 | 8.3 | 9.2 | 9.2 | 8.3 | 6.6 | 4.8 | 4.4 | 4.8 |
| EXCEEDED 99% OF TIME | 2.8 | 2.9 | 3.4 | 4.2 | 5.6 | 7.2 | 8.3 | 8.2 | 7.5 | 5.6 | 3.9 | 3.4 | 3.7 |
| EXTREME MINIMUM | 2.4 | 2.2 | 2.6 | 3.3 | 4.8 | 6.1 | 7.7 | 7.0 | 6.1 | 4.7 | 3.0 | 1.8 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.6 | 8.5 | 9.1 | 9.9 | 10.8 | 13.7 | 14.1 | 15.9 | 13.4 | 11.7 | 9.7 | 9.1 | 15.9 |
| EXCEEDED 1% OF TIME | 7.6 | 7.9 | 8.2 | 9.0 | 10.0 | 12.0 | 12.3 | 13.5 | 12.4 | 10.8 | 9.0 | 8.0 | 11.9 |
| EXCEEDED 5% OF TIME | 7.0 | 6.9 | 7.4 | 8.3 | 9.1 | 11.0 | 11.4 | 12.1 | 11.1 | 10.1 | 8.4 | 7.2 | 10.6 |
| EXCEEDED 10% OF TIME | 6.5 | 6.5 | 6.9 | 7.8 | 8.7 | 10.5 | 10.8 | 11.5 | 10.7 | 9.6 | 7.8 | 6.7 | 9.8 |
| EXCEEDED 25% OF TIME | 5.8 | 5.7 | 6.1 | 6.8 | 7.8 | 9.7 | 9.9 | 10.4 | 9.8 | 8.6 | 6.7 | 5.9 | 8.4 |
| EXCEEDED 50% OF TIME | 5.1 | 4.9 | 5.3 | 5.8 | 6.9 | 8.6 | 8.8 | 9.3 | 8.7 | 7.5 | 5.6 | 5.1 | 6.7 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.4 | 4.9 | 6.1 | 7.5 | 7.9 | 8.2 | 7.7 | 6.4 | 4.8 | 4.5 | 5.2 |
| EXCEEDED 90% OF TIME | 3.7 | 3.5 | 3.7 | 4.1 | 5.4 | 6.8 | 7.3 | 7.5 | 6.9 | 5.7 | 4.2 | 3.9 | 4.3 |
| EXCEEDED 95% OF TIME | 3.2 | 3.0 | 3.3 | 3.8 | 5.0 | 6.4 | 6.9 | 7.0 | 6.3 | 5.2 | 3.8 | 3.5 | 3.8 |
| EXCEEDED 99% OF TIME | 2.3 | 2.4 | 2.7 | 3.3 | 4.4 | 5.5 | 6.3 | 6.3 | 5.8 | 4.4 | 3.2 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.9 | 1.8 | 2.0 | 2.5 | 3.7 | 4.8 | 5.9 | 5.5 | 4.7 | 3.7 | 2.4 | 1.5 | 1.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

LEUCHARS

1961 - 70

N.G.R. 37/468209

ALTITUDE 10 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.6 | 11.9 | 12.4 | 13.3 | 15.1 | 17.1 | 20.3 | 19.8 | 18.0 | 18.1 | 15.4 | 12.6 | 20.3 |
| EXCEEDED 1% OF TIME | 10.9 | 10.6 | 11.4 | 12.0 | 13.7 | 15.8 | 17.9 | 17.8 | 16.8 | 15.6 | 12.3 | 11.5 | 16.3 |
| EXCEEDED 5% OF TIME | 9.4 | 9.3 | 10.1 | 11.0 | 12.3 | 14.6 | 15.9 | 16.6 | 15.6 | 14.0 | 11.4 | 10.0 | 14.5 |
| EXCEEDED 10% OF TIME | 8.8 | 8.5 | 9.3 | 10.4 | 11.5 | 13.8 | 15.0 | 15.7 | 14.9 | 13.4 | 10.6 | 9.1 | 13.4 |
| EXCEEDED 25% OF TIME | 7.8 | 7.4 | 8.0 | 9.3 | 10.5 | 12.8 | 13.7 | 14.2 | 13.6 | 12.0 | 9.0 | 7.7 | 11.5 |
| EXCEEDED 50% OF TIME | 6.6 | 6.2 | 6.9 | 7.8 | 9.4 | 11.7 | 12.1 | 12.6 | 11.9 | 10.3 | 7.4 | 6.5 | 9.0 |
| EXCEEDED 75% OF TIME | 5.5 | 5.2 | 5.6 | 6.3 | 8.3 | 10.3 | 10.7 | 11.2 | 10.4 | 8.7 | 6.1 | 5.4 | 6.7 |
| EXCEEDED 90% OF TIME | 4.7 | 4.4 | 4.7 | 5.3 | 7.1 | 9.1 | 9.7 | 9.9 | 9.3 | 7.3 | 5.2 | 4.5 | 5.4 |
| EXCEEDED 95% OF TIME | 4.2 | 4.0 | 4.3 | 4.8 | 6.5 | 8.5 | 9.0 | 9.0 | 8.5 | 6.6 | 4.7 | 4.2 | 4.7 |
| EXCEEDED 99% OF TIME | 3.5 | 3.3 | 3.7 | 4.1 | 5.4 | 7.3 | 8.1 | 8.0 | 7.4 | 5.2 | 4.0 | 3.3 | 3.9 |
| EXTREME MINIMUM | 3.0 | 2.5 | 2.9 | 3.0 | 5.0 | 5.5 | 6.7 | 7.5 | 6.3 | 4.7 | 3.6 | 2.7 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.9 | 9.1 | 9.4 | 10.1 | 11.3 | 12.6 | 15.0 | 14.0 | 13.4 | 13.4 | 11.6 | 9.6 | 15.0 |
| EXCEEDED 1% OF TIME | 8.3 | 8.1 | 8.7 | 9.1 | 10.3 | 11.8 | 13.2 | 13.2 | 12.6 | 11.7 | 9.4 | 8.8 | 12.2 |
| EXCEEDED 5% OF TIME | 7.2 | 7.2 | 7.8 | 8.4 | 9.3 | 10.9 | 11.9 | 12.4 | 11.7 | 10.6 | 8.7 | 7.7 | 10.9 |
| EXCEEDED 10% OF TIME | 6.8 | 6.6 | 7.2 | 8.0 | 8.8 | 10.4 | 11.3 | 11.7 | 11.2 | 10.1 | 8.1 | 7.0 | 10.2 |
| EXCEEDED 25% OF TIME | 6.1 | 5.8 | 6.2 | 7.1 | 8.0 | 9.7 | 10.3 | 10.7 | 10.3 | 9.2 | 6.9 | 6.0 | 8.7 |
| EXCEEDED 50% OF TIME | 5.2 | 4.9 | 5.4 | 6.0 | 7.2 | 8.9 | 9.2 | 9.6 | 9.0 | 7.9 | 5.7 | 5.1 | 6.9 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.4 | 4.9 | 6.4 | 7.8 | 8.1 | 8.4 | 8.0 | 6.7 | 4.8 | 4.3 | 5.3 |
| EXCEEDED 90% OF TIME | 3.7 | 3.5 | 3.7 | 4.2 | 5.5 | 7.0 | 7.3 | 7.6 | 7.1 | 5.7 | 4.1 | 3.6 | 4.2 |
| EXCEEDED 95% OF TIME | 3.4 | 3.2 | 3.4 | 3.7 | 5.1 | 6.5 | 6.9 | 6.9 | 6.5 | 5.1 | 3.8 | 3.3 | 3.8 |
| EXCEEDED 99% OF TIME | 2.8 | 2.6 | 3.0 | 3.2 | 4.2 | 5.6 | 6.2 | 6.2 | 5.7 | 4.1 | 3.2 | 2.7 | 3.1 |
| EXTREME MINIMUM | 2.4 | 2.1 | 2.3 | 2.4 | 3.9 | 4.2 | 5.2 | 5.8 | 4.9 | 3.7 | 2.8 | 2.2 | 2.1 |

6A SCOTLAND WEST

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1961 - 70

N.G.R. 36/235026

ALTITUDE 242 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 11.5 | 12.0 | 11.7 | 14.0 | 14.8 | 18.6 | 18.6 | 19.0 | 19.4 | 17.2 | 14.7 | 11.8 | 19.4 |
| EXCEEDED 1% OF TIME | 10.7 | 10.6 | 10.8 | 11.7 | 13.6 | 16.7 | 17.6 | 17.7 | 17.0 | 15.8 | 12.5 | 11.4 | 16.4 |
| EXCEEDED 5% OF TIME | 9.6 | 9.3 | 9.8 | 10.7 | 12.1 | 14.8 | 16.0 | 16.4 | 15.4 | 14.0 | 11.0 | 10.0 | 14.4 |
| EXCEEDED 10% OF TIME | 8.9 | 8.7 | 9.2 | 10.2 | 11.5 | 14.1 | 15.2 | 15.7 | 14.8 | 13.2 | 10.3 | 9.3 | 13.2 |
| EXCEEDED 25% OF TIME | 7.6 | 7.2 | 7.9 | 9.1 | 10.3 | 12.8 | 13.6 | 14.0 | 13.2 | 11.8 | 8.8 | 7.6 | 11.1 |
| EXCEEDED 50% OF TIME | 6.4 | 5.8 | 6.4 | 7.4 | 9.0 | 11.2 | 12.0 | 12.3 | 11.5 | 10.0 | 7.1 | 6.3 | 8.8 |
| EXCEEDED 75% OF TIME | 5.1 | 4.6 | 5.2 | 6.0 | 7.7 | 9.8 | 10.3 | 10.8 | 10.0 | 8.3 | 5.9 | 5.1 | 6.4 |
| EXCEEDED 90% OF TIME | 4.0 | 3.6 | 4.2 | 4.9 | 6.6 | 8.7 | 9.3 | 9.6 | 8.9 | 7.0 | 4.8 | 4.0 | 4.9 |
| EXCEEDED 95% OF TIME | 3.3 | 3.2 | 3.7 | 4.5 | 6.0 | 7.9 | 8.8 | 8.9 | 8.1 | 6.3 | 4.2 | 3.4 | 4.2 |
| EXCEEDED 99% OF TIME | 2.5 | 2.4 | 3.0 | 3.8 | 5.1 | 6.7 | 7.7 | 7.5 | 7.0 | 4.8 | 3.4 | 2.6 | 3.1 |
| EXTREME MINIMUM | 1.7 | 1.7 | 1.8 | 2.9 | 3.9 | 5.0 | 6.5 | 5.8 | 5.6 | 3.4 | 3.0 | 1.2 | 1.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 8.8 | 9.2 | 9.0 | 10.5 | 11.1 | 13.6 | 13.9 | 14.1 | 14.4 | 12.8 | 11.1 | 9.1 | 14.4 |
| EXCEEDED 1% OF TIME | 8.2 | 8.2 | 8.3 | 8.9 | 10.2 | 12.4 | 13.2 | 13.1 | 12.8 | 11.9 | 9.5 | 8.8 | 12.3 |
| EXCEEDED 5% OF TIME | 7.4 | 7.2 | 7.6 | 8.3 | 9.2 | 11.1 | 12.1 | 12.3 | 11.6 | 10.6 | 8.5 | 7.7 | 10.9 |
| EXCEEDED 10% OF TIME | 6.9 | 6.8 | 7.1 | 7.9 | 8.7 | 10.6 | 11.4 | 11.8 | 11.1 | 10.1 | 7.9 | 7.2 | 10.0 |
| EXCEEDED 25% OF TIME | 6.0 | 5.6 | 6.1 | 7.0 | 7.9 | 9.7 | 10.3 | 10.6 | 10.0 | 9.0 | 6.8 | 5.9 | 8.5 |
| EXCEEDED 50% OF TIME | 5.0 | 4.6 | 5.1 | 5.8 | 7.0 | 8.6 | 9.1 | 9.3 | 8.8 | 7.7 | 5.6 | 5.0 | 6.8 |
| EXCEEDED 75% OF TIME | 4.0 | 3.7 | 4.1 | 4.7 | 6.0 | 7.5 | 7.9 | 8.3 | 7.7 | 6.4 | 4.6 | 4.0 | 5.0 |
| EXCEEDED 90% OF TIME | 3.2 | 2.9 | 3.3 | 3.9 | 5.2 | 6.6 | 7.1 | 7.4 | 6.8 | 5.5 | 3.8 | 3.2 | 3.9 |
| EXCEEDED 95% OF TIME | 2.7 | 2.6 | 2.9 | 3.5 | 4.7 | 6.1 | 6.7 | 6.8 | 6.3 | 4.9 | 3.4 | 2.8 | 3.4 |
| EXCEEDED 99% OF TIME | 2.1 | 2.0 | 2.4 | 3.0 | 3.9 | 5.2 | 6.0 | 5.9 | 5.5 | 3.8 | 2.8 | 2.1 | 2.5 |
| EXTREME MINIMUM | 1.4 | 1.4 | 1.5 | 2.4 | 3.2 | 4.0 | 5.1 | 4.6 | 4.5 | 2.7 | 2.4 | 1.0 | 1.0 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

GLASGOW/ABBOTSINCH AIRPORT. ✱

1961 - 70

N.G.R. 26/480667

ALTITUDE 5 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.0 | 11.9 | 12.1 | 13.8 | 16.8 | 20.1 | 19.0 | 19.9 | 20.6 | 17.4 | 15.6 | 12.9 | 20.6 |
| EXCEEDED 1% OF TIME | 11.4 | 11.3 | 11.4 | 12.3 | 14.1 | 16.4 | 18.3 | 18.0 | 17.2 | 15.9 | 13.2 | 12.1 | 16.6 |
| EXCEEDED 5% OF TIME | 10.1 | 9.9 | 10.3 | 11.4 | 12.8 | 15.2 | 16.2 | 16.8 | 15.8 | 14.5 | 11.6 | 10.9 | 14.8 |
| EXCEEDED 10% OF TIME | 9.4 | 9.1 | 9.7 | 10.8 | 12.2 | 14.5 | 15.3 | 16.1 | 15.1 | 13.8 | 11.0 | 9.8 | 13.7 |
| EXCEEDED 25% OF TIME | 8.2 | 7.8 | 8.5 | 9.5 | 10.8 | 13.2 | 13.8 | 14.4 | 13.7 | 12.4 | 9.4 | 8.2 | 11.8 |
| EXCEEDED 50% OF TIME | 6.9 | 6.4 | 7.2 | 7.9 | 9.7 | 11.8 | 12.3 | 12.8 | 12.2 | 10.7 | 7.6 | 6.9 | 9.4 |
| EXCEEDED 75% OF TIME | 5.6 | 5.2 | 5.8 | 6.5 | 8.4 | 10.6 | 11.0 | 11.6 | 10.8 | 9.1 | 6.2 | 5.6 | 7.0 |
| EXCEEDED 90% OF TIME | 4.6 | 4.3 | 4.7 | 5.3 | 7.3 | 9.5 | 10.0 | 10.4 | 9.6 | 7.6 | 5.1 | 4.6 | 5.4 |
| EXCEEDED 95% OF TIME | 4.1 | 3.9 | 4.3 | 4.8 | 6.6 | 8.8 | 9.5 | 9.6 | 9.0 | 6.9 | 4.7 | 4.0 | 4.7 |
| EXCEEDED 99% OF TIME | 3.1 | 3.3 | 3.6 | 4.1 | 5.4 | 7.6 | 8.7 | 8.3 | 7.7 | 5.6 | 4.0 | 3.2 | 3.8 |
| EXTREME MINIMUM | 1.5 | 2.8 | 2.5 | 3.0 | 4.7 | 6.5 | 7.6 | 6.7 | 5.7 | 4.6 | 3.2 | 2.7 | 1.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.2 | 9.1 | 9.2 | 10.5 | 12.3 | 14.6 | 14.6 | 14.7 | 15.1 | 13.0 | 11.8 | 9.8 | 15.1 |
| EXCEEDED 1% OF TIME | 8.7 | 8.6 | 8.7 | 9.4 | 10.6 | 12.2 | 13.4 | 13.4 | 12.9 | 12.0 | 10.0 | 9.2 | 12.5 |
| EXCEEDED 5% OF TIME | 7.8 | 7.6 | 7.9 | 8.7 | 9.6 | 11.4 | 12.1 | 12.5 | 11.9 | 10.9 | 8.9 | 8.4 | 11.1 |
| EXCEEDED 10% OF TIME | 7.2 | 7.0 | 7.5 | 8.3 | 9.2 | 10.9 | 11.5 | 12.0 | 11.4 | 10.4 | 8.4 | 7.6 | 10.3 |
| EXCEEDED 25% OF TIME | 6.4 | 6.0 | 6.6 | 7.3 | 8.2 | 10.0 | 10.4 | 10.9 | 10.3 | 9.4 | 7.2 | 6.4 | 8.9 |
| EXCEEDED 50% OF TIME | 5.4 | 5.0 | 5.6 | 6.1 | 7.4 | 9.0 | 9.3 | 9.7 | 9.2 | 8.2 | 5.9 | 5.4 | 7.2 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.6 | 5.0 | 6.5 | 8.0 | 8.3 | 8.8 | 8.2 | 7.0 | 4.9 | 4.4 | 5.5 |
| EXCEEDED 90% OF TIME | 3.7 | 3.4 | 3.8 | 4.1 | 5.6 | 7.2 | 7.6 | 7.9 | 7.3 | 5.9 | 4.1 | 3.6 | 4.3 |
| EXCEEDED 95% OF TIME | 3.3 | 3.1 | 3.4 | 3.8 | 5.1 | 6.7 | 7.2 | 7.4 | 6.9 | 5.4 | 3.7 | 3.2 | 3.8 |
| EXCEEDED 99% OF TIME | 2.5 | 2.7 | 2.9 | 3.2 | 4.2 | 5.9 | 6.7 | 6.3 | 6.0 | 4.5 | 3.1 | 2.6 | 3.0 |
| EXTREME MINIMUM | 1.3 | 2.3 | 2.0 | 2.3 | 3.6 | 5.0 | 6.0 | 5.1 | 4.4 | 3.7 | 2.6 | 2.2 | 1.3 |

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1965 - 70

N.G.R. 16/663226

ALTITUDE 10 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.1 | 12.8 | 12.4 | 13.8 | 14.8 | 18.8 | 19.4 | 18.8 | 18.4 | 18.4 | 16.5 | 13.0 | 19.4 |
| EXCEEDED 1% OF TIME | 11.9 | 11.6 | 11.5 | 12.6 | 13.5 | 16.5 | 18.0 | 17.5 | 16.9 | 16.5 | 13.6 | 12.4 | 16.5 |
| EXCEEDED 5% OF TIME | 11.0 | 9.7 | 10.5 | 11.4 | 12.6 | 15.2 | 16.2 | 16.5 | 15.9 | 15.2 | 12.3 | 11.8 | 15.1 |
| EXCEEDED 10% OF TIME | 10.4 | 9.1 | 9.9 | 10.7 | 12.1 | 14.6 | 15.2 | 15.9 | 15.4 | 14.7 | 11.5 | 11.0 | 14.2 |
| EXCEEDED 25% OF TIME | 9.3 | 8.0 | 9.0 | 9.7 | 11.2 | 13.5 | 14.2 | 14.8 | 14.1 | 13.3 | 9.9 | 9.5 | 12.4 |
| EXCEEDED 50% OF TIME | 7.9 | 6.8 | 7.7 | 8.2 | 10.3 | 12.4 | 13.0 | 13.5 | 12.8 | 11.5 | 8.1 | 8.1 | 9.9 |
| EXCEEDED 75% OF TIME | 6.4 | 5.4 | 6.3 | 6.8 | 9.0 | 11.3 | 11.8 | 12.1 | 11.5 | 9.7 | 6.9 | 6.6 | 7.7 |
| EXCEEDED 90% OF TIME | 5.2 | 4.7 | 5.2 | 5.7 | 7.6 | 10.2 | 10.9 | 11.0 | 10.4 | 8.5 | 5.9 | 5.4 | 6.0 |
| EXCEEDED 95% OF TIME | 4.7 | 4.3 | 4.6 | 5.2 | 6.8 | 9.5 | 10.2 | 10.4 | 9.7 | 7.9 | 5.2 | 4.9 | 5.2 |
| EXCEEDED 99% OF TIME | 4.2 | 3.8 | 3.9 | 4.2 | 5.8 | 8.6 | 9.3 | 9.0 | 8.5 | 6.2 | 4.6 | 4.3 | 4.3 |
| EXTREME MINIMUM | 3.8 | 3.1 | 3.4 | 3.5 | 5.3 | 7.8 | 8.4 | 7.1 | 5.7 | 4.9 | 4.2 | 4.0 | 3.1 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 9.8 | 9.5 | 10.4 | 11.0 | 13.8 | 14.3 | 14.0 | 13.8 | 13.7 | 12.4 | 9.9 | 14.3 |
| EXCEEDED 1% OF TIME | 9.1 | 8.9 | 8.8 | 9.6 | 10.2 | 12.3 | 13.4 | 13.0 | 12.7 | 12.3 | 10.3 | 9.5 | 12.3 |
| EXCEEDED 5% OF TIME | 8.4 | 7.5 | 8.1 | 8.7 | 9.6 | 11.4 | 12.1 | 12.3 | 12.0 | 11.5 | 9.4 | 9.0 | 11.3 |
| EXCEEDED 10% OF TIME | 8.0 | 7.0 | 7.6 | 8.2 | 9.2 | 11.0 | 11.5 | 11.9 | 11.6 | 11.1 | 8.8 | 8.4 | 10.7 |
| EXCEEDED 25% OF TIME | 7.2 | 6.2 | 7.0 | 7.4 | 8.6 | 10.2 | 10.7 | 11.2 | 10.7 | 10.1 | 7.6 | 7.3 | 9.4 |
| EXCEEDED 50% OF TIME | 6.1 | 5.3 | 6.0 | 6.3 | 7.9 | 9.4 | 9.8 | 10.2 | 9.7 | 9.8 | 6.3 | 6.3 | 7.6 |
| EXCEEDED 75% OF TIME | 5.0 | 4.3 | 4.9 | 5.3 | 6.9 | 8.6 | 8.9 | 9.2 | 8.7 | 7.4 | 5.4 | 5.1 | 5.9 |
| EXCEEDED 90% OF TIME | 4.1 | 3.7 | 4.1 | 4.4 | 5.9 | 7.7 | 8.3 | 8.4 | 7.9 | 6.6 | 4.6 | 4.2 | 4.7 |
| EXCEEDED 95% OF TIME | 3.7 | 3.4 | 3.6 | 4.0 | 5.3 | 7.3 | 7.8 | 7.9 | 7.4 | 6.1 | 4.1 | 3.9 | 4.1 |
| EXCEEDED 99% OF TIME | 3.3 | 3.0 | 3.1 | 3.3 | 4.5 | 6.6 | 7.1 | 6.9 | 6.6 | 4.8 | 3.6 | 3.4 | 3.4 |
| EXTREME MINIMUM | 3.0 | 2.5 | 2.6 | 2.8 | 4.1 | 5.9 | 6.5 | 5.3 | 4.4 | 3.9 | 3.3 | 3.2 | 2.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

PRESTWICK AIRPORT
N.G.R. 26/369261

ALTITUDE 16 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.6 | 12.4 | 13.7 | 15.3 | 20.1 | 19.5 | 20.1 | 19.5 | 17.7 | 15.5 | 13.0 | 20.1 |
| EXCEEDED 1% OF TIME | 11.5 | 11.2 | 11.3 | 12.4 | 14.2 | 17.2 | 17.7 | 18.0 | 17.2 | 16.3 | 13.1 | 12.0 | 16.6 |
| EXCEEDED 5% OF TIME | 10.3 | 10.0 | 10.4 | 11.4 | 12.8 | 15.5 | 16.3 | 16.6 | 15.9 | 14.6 | 11.6 | 11.0 | 15.0 |
| EXCEEDED 10% OF TIME | 9.6 | 9.3 | 9.8 | 10.7 | 12.2 | 14.7 | 15.5 | 16.0 | 15.2 | 13.8 | 11.0 | 10.1 | 13.8 |
| EXCEEDED 25% OF TIME | 8.5 | 8.0 | 8.7 | 9.8 | 11.0 | 13.4 | 14.2 | 14.6 | 13.8 | 12.4 | 9.6 | 8.5 | 12.0 |
| EXCEEDED 50% OF TIME | 7.1 | 6.6 | 7.3 | 8.1 | 9.8 | 12.1 | 12.6 | 13.0 | 12.3 | 10.8 | 7.8 | 7.2 | 9.6 |
| EXCEEDED 75% OF TIME | 5.6 | 5.2 | 5.8 | 6.7 | 8.6 | 10.9 | 11.3 | 11.8 | 11.0 | 9.2 | 6.5 | 5.7 | 7.2 |
| EXCEEDED 90% OF TIME | 4.7 | 4.3 | 4.7 | 5.5 | 7.5 | 9.8 | 10.4 | 10.7 | 9.8 | 7.8 | 5.4 | 4.7 | 5.5 |
| EXCEEDED 95% OF TIME | 4.1 | 4.0 | 4.3 | 5.0 | 6.9 | 9.1 | 9.9 | 9.9 | 9.3 | 7.2 | 4.8 | 4.1 | 4.8 |
| EXCEEDED 99% OF TIME | 3.2 | 3.4 | 3.6 | 4.2 | 5.8 | 7.4 | 8.9 | 8.7 | 8.0 | 5.8 | 4.1 | 3.4 | 3.8 |
| EXTREME MINIMUM | 2.2 | 2.9 | 2.7 | 3.0 | 4.4 | 5.7 | 7.2 | 6.9 | 6.2 | 4.9 | 3.4 | 2.4 | 2.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.6 | 9.5 | 10.4 | 11.6 | 14.6 | 14.5 | 14.9 | 14.5 | 13.3 | 11.7 | 9.9 | 14.9 |
| EXCEEDED 1% OF TIME | 8.8 | 8.6 | 8.6 | 9.5 | 10.6 | 12.8 | 13.2 | 13.4 | 12.8 | 12.3 | 9.9 | 9.2 | 12.5 |
| EXCEEDED 5% OF TIME | 7.9 | 7.7 | 8.0 | 8.7 | 9.6 | 11.6 | 12.2 | 12.4 | 11.9 | 11.1 | 8.9 | 8.4 | 11.3 |
| EXCEEDED 10% OF TIME | 7.4 | 7.2 | 7.5 | 8.2 | 9.2 | 11.0 | 11.6 | 12.0 | 11.4 | 10.5 | 8.5 | 7.8 | 10.4 |
| EXCEEDED 25% OF TIME | 6.6 | 6.2 | 6.7 | 7.5 | 8.4 | 10.1 | 10.7 | 11.0 | 10.4 | 9.4 | 7.4 | 6.6 | 9.1 |
| EXCEEDED 50% OF TIME | 5.5 | 5.1 | 5.7 | 6.3 | 7.5 | 9.1 | 9.6 | 9.8 | 9.3 | 8.3 | 6.1 | 5.6 | 7.4 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.6 | 5.2 | 6.6 | 8.3 | 8.6 | 8.9 | 8.4 | 7.1 | 5.1 | 4.5 | 5.6 |
| EXCEEDED 90% OF TIME | 3.7 | 3.4 | 3.8 | 4.3 | 5.8 | 7.5 | 7.9 | 8.1 | 7.5 | 6.1 | 4.3 | 3.8 | 4.3 |
| EXCEEDED 95% OF TIME | 3.3 | 3.2 | 3.4 | 3.9 | 5.3 | 7.0 | 7.6 | 7.6 | 7.1 | 5.6 | 3.8 | 3.3 | 3.8 |
| EXCEEDED 99% OF TIME | 2.6 | 2.7 | 2.8 | 3.3 | 4.5 | 5.8 | 6.8 | 6.8 | 6.1 | 4.5 | 3.3 | 2.8 | 3.1 |
| EXTREME MINIMUM | 1.8 | 2.3 | 2.1 | 2.3 | 3.4 | 4.3 | 5.7 | 5.4 | 4.8 | 3.8 | 2.7 | 2.0 | 1.8 |

TIREE

N.G.R. 07/999446

ALTITUDE 9 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.4 | 12.1 | 12.4 | 12.6 | 15.6 | 18.4 | 17.3 | 19.0 | 17.0 | 17.0 | 15.2 | 13.1 | 19.0 |
| EXCEEDED 1% OF TIME | 11.8 | 11.6 | 11.9 | 12.3 | 13.6 | 16.1 | 16.5 | 17.1 | 16.4 | 15.8 | 13.3 | 12.4 | 16.1 |
| EXCEEDED 5% OF TIME | 10.9 | 10.6 | 11.0 | 11.6 | 12.6 | 14.8 | 15.6 | 16.2 | 15.7 | 14.7 | 12.3 | 11.6 | 14.8 |
| EXCEEDED 10% OF TIME | 10.2 | 9.9 | 10.5 | 11.2 | 12.1 | 14.3 | 15.1 | 15.7 | 15.2 | 14.3 | 11.8 | 11.0 | 14.0 |
| EXCEEDED 25% OF TIME | 9.2 | 8.7 | 9.3 | 10.2 | 11.4 | 13.4 | 14.1 | 14.6 | 14.2 | 13.2 | 10.1 | 9.4 | 12.3 |
| EXCEEDED 50% OF TIME | 7.7 | 6.9 | 7.9 | 8.7 | 10.4 | 12.4 | 12.9 | 13.2 | 12.7 | 11.6 | 8.4 | 7.7 | 10.1 |
| EXCEEDED 75% OF TIME | 6.2 | 5.7 | 6.3 | 7.1 | 9.1 | 11.4 | 11.6 | 11.9 | 11.3 | 9.6 | 6.9 | 6.4 | 7.7 |
| EXCEEDED 90% OF TIME | 4.9 | 4.7 | 5.3 | 6.1 | 7.6 | 10.4 | 10.7 | 10.8 | 10.1 | 8.4 | 6.1 | 5.4 | 6.1 |
| EXCEEDED 95% OF TIME | 4.5 | 4.4 | 4.8 | 5.5 | 7.1 | 9.7 | 10.2 | 10.0 | 9.3 | 7.6 | 5.6 | 4.8 | 5.3 |
| EXCEEDED 99% OF TIME | 3.9 | 3.9 | 4.1 | 4.4 | 5.7 | 8.2 | 9.0 | 9.1 | 8.1 | 6.1 | 4.7 | 3.9 | 4.3 |
| EXTREME MINIMUM | 3.5 | 3.2 | 3.6 | 3.2 | 4.8 | 5.9 | 8.1 | 8.1 | 6.8 | 4.7 | 3.5 | 3.0 | 3.0 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.5 | 9.3 | 9.5 | 9.6 | 11.7 | 13.6 | 12.9 | 14.1 | 12.8 | 12.8 | 11.5 | 10.0 | 14.1 |
| EXCEEDED 1% OF TIME | 9.1 | 8.9 | 9.1 | 9.4 | 10.2 | 12.0 | 12.4 | 12.8 | 12.4 | 11.9 | 10.1 | 9.5 | 12.1 |
| EXCEEDED 5% OF TIME | 8.3 | 8.1 | 8.4 | 8.9 | 9.6 | 11.1 | 11.8 | 12.2 | 11.8 | 11.1 | 9.4 | 8.9 | 11.2 |
| EXCEEDED 10% OF TIME | 7.9 | 7.7 | 8.0 | 8.6 | 9.3 | 10.8 | 11.4 | 11.8 | 11.4 | 10.8 | 9.0 | 8.4 | 10.6 |
| EXCEEDED 25% OF TIME | 7.1 | 6.8 | 7.1 | 7.8 | 8.7 | 10.2 | 10.6 | 11.0 | 10.8 | 10.0 | 7.8 | 7.3 | 9.3 |
| EXCEEDED 50% OF TIME | 6.0 | 5.4 | 6.1 | 6.7 | 8.0 | 9.4 | 9.8 | 10.1 | 9.7 | 8.8 | 6.5 | 6.0 | 7.8 |
| EXCEEDED 75% OF TIME | 4.8 | 4.5 | 5.0 | 5.6 | 7.0 | 8.6 | 8.8 | 9.0 | 8.6 | 7.3 | 5.4 | 5.0 | 6.0 |
| EXCEEDED 90% OF TIME | 3.9 | 3.7 | 4.1 | 4.7 | 5.9 | 7.9 | 8.1 | 8.2 | 7.7 | 6.5 | 4.7 | 4.2 | 4.8 |
| EXCEEDED 95% OF TIME | 3.6 | 3.5 | 3.8 | 4.3 | 5.5 | 7.4 | 7.8 | 7.7 | 7.1 | 5.8 | 4.4 | 3.8 | 4.2 |
| EXCEEDED 99% OF TIME | 3.1 | 3.1 | 3.3 | 3.4 | 4.4 | 6.3 | 6.9 | 6.9 | 6.2 | 4.7 | 3.7 | 3.1 | 3.4 |
| EXTREME MINIMUM | 2.8 | 2.6 | 2.8 | 2.5 | 3.8 | 4.5 | 6.2 | 6.3 | 5.2 | 3.7 | 2.7 | 2.4 | 2.4 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

2 ENGLAND EAST & NORTH EAST
ACKLINGTON

N.G.R. 46/225007

ALTITUDE 42 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.3 | 12.0 | 12.0 | 14.2 | 15.2 | 20.0 | 21.5 | 20.3 | 18.9 | 18.0 | 14.7 | 11.8 | 21.5 |
| EXCEEDED 1% OF TIME | 11.1 | 10.7 | 10.8 | 12.8 | 13.8 | 16.5 | 19.0 | 18.6 | 17.4 | 15.8 | 12.9 | 11.5 | 16.9 |
| EXCEEDED 5% OF TIME | 9.6 | 9.3 | 9.7 | 11.3 | 12.8 | 15.2 | 16.7 | 16.8 | 16.0 | 14.3 | 11.6 | 10.0 | 15.0 |
| EXCEEDED 10% OF TIME | 9.0 | 8.6 | 9.0 | 10.5 | 11.9 | 14.4 | 15.8 | 16.2 | 15.3 | 13.5 | 10.9 | 9.0 | 13.8 |
| EXCEEDED 25% OF TIME | 7.8 | 7.4 | 8.0 | 9.3 | 10.7 | 13.2 | 14.2 | 14.8 | 13.8 | 12.3 | 9.3 | 7.7 | 11.8 |
| EXCEEDED 50% OF TIME | 6.6 | 6.3 | 6.8 | 8.0 | 9.6 | 11.8 | 12.6 | 13.1 | 12.3 | 10.5 | 7.8 | 6.6 | 9.2 |
| EXCEEDED 75% OF TIME | 5.7 | 5.4 | 5.7 | 6.6 | 8.4 | 10.6 | 11.0 | 11.5 | 10.8 | 9.0 | 6.5 | 5.5 | 6.9 |
| EXCEEDED 90% OF TIME | 4.8 | 4.5 | 4.8 | 5.6 | 7.4 | 9.3 | 9.9 | 10.3 | 9.5 | 7.7 | 5.5 | 4.7 | 5.5 |
| EXCEEDED 95% OF TIME | 4.5 | 4.0 | 4.4 | 5.1 | 6.7 | 8.6 | 9.3 | 9.7 | 8.8 | 7.0 | 4.9 | 4.2 | 4.9 |
| EXCEEDED 99% OF TIME | 3.4 | 3.0 | 3.5 | 4.3 | 5.8 | 7.5 | 8.5 | 8.7 | 7.7 | 5.4 | 4.1 | 3.3 | 3.9 |
| EXTREME MINIMUM | 2.1 | 2.3 | 2.7 | 3.0 | 4.7 | 5.9 | 7.7 | 7.3 | 6.6 | 4.2 | 3.5 | 2.9 | 2.1 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.4 | 9.1 | 9.2 | 10.8 | 11.4 | 14.7 | 15.7 | 15.1 | 14.0 | 13.4 | 11.0 | 9.0 | 15.7 |
| EXCEEDED 1% OF TIME | 8.5 | 8.2 | 8.3 | 9.7 | 10.3 | 12.3 | 14.0 | 13.9 | 13.0 | 11.8 | 9.8 | 8.7 | 12.6 |
| EXCEEDED 5% OF TIME | 7.4 | 7.2 | 7.5 | 8.6 | 9.6 | 11.4 | 12.4 | 12.6 | 12.1 | 10.9 | 8.9 | 7.7 | 11.3 |
| EXCEEDED 10% OF TIME | 7.0 | 6.7 | 7.0 | 8.0 | 9.0 | 10.8 | 11.9 | 12.1 | 11.5 | 10.3 | 8.4 | 7.0 | 10.4 |
| EXCEEDED 25% OF TIME | 6.1 | 5.8 | 6.2 | 7.2 | 8.2 | 10.0 | 10.7 | 11.1 | 10.4 | 9.3 | 7.2 | 6.0 | 8.9 |
| EXCEEDED 50% OF TIME | 5.2 | 4.9 | 5.3 | 6.2 | 7.4 | 9.0 | 9.5 | 9.9 | 9.4 | 8.0 | 6.0 | 5.2 | 7.1 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.5 | 5.2 | 6.5 | 8.0 | 8.4 | 8.7 | 8.3 | 6.9 | 5.1 | 4.4 | 5.4 |
| EXCEEDED 90% OF TIME | 3.8 | 3.6 | 3.8 | 4.4 | 5.7 | 7.1 | 7.6 | 7.8 | 7.3 | 6.0 | 4.4 | 3.7 | 4.4 |
| EXCEEDED 95% OF TIME | 3.6 | 3.2 | 3.5 | 4.0 | 5.3 | 6.5 | 7.2 | 7.3 | 6.8 | 5.4 | 3.9 | 3.4 | 3.9 |
| EXCEEDED 99% OF TIME | 2.8 | 2.4 | 2.8 | 3.3 | 4.5 | 5.7 | 6.6 | 6.7 | 5.9 | 4.2 | 3.3 | 2.7 | 3.1 |
| EXTREME MINIMUM | 1.7 | 1.9 | 2.1 | 2.3 | 3.8 | 4.7 | 5.8 | 5.7 | 5.1 | 3.3 | 2.8 | 2.3 | 1.7 |

KILNSEA

1961 - 70

N.G.R. 54/417161

ALTITUDE 12 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.2 | 12.6 | 12.0 | 14.4 | 16.4 | 19.2 | 21.2 | 23.5 | 19.8 | 18.6 | 14.4 | 12.6 | 23.5 |
| EXCEEDED 1% OF TIME | 10.8 | 10.6 | 11.0 | 12.7 | 14.4 | 17.2 | 19.6 | 19.1 | 18.3 | 16.6 | 13.1 | 11.5 | 17.6 |
| EXCEEDED 5% OF TIME | 9.7 | 9.5 | 9.9 | 11.5 | 13.0 | 15.8 | 17.5 | 17.6 | 17.0 | 15.4 | 12.1 | 10.2 | 16.1 |
| EXCEEDED 10% OF TIME | 9.0 | 8.9 | 9.4 | 11.0 | 12.4 | 15.2 | 16.8 | 17.0 | 16.3 | 14.8 | 11.4 | 9.4 | 15.0 |
| EXCEEDED 25% OF TIME | 8.1 | 8.0 | 8.4 | 9.9 | 11.4 | 14.0 | 15.5 | 15.9 | 15.0 | 13.4 | 10.2 | 8.3 | 12.8 |
| EXCEEDED 50% OF TIME | 7.0 | 6.7 | 7.3 | 8.7 | 10.3 | 12.8 | 13.8 | 14.4 | 13.4 | 11.8 | 8.7 | 7.2 | 9.9 |
| EXCEEDED 75% OF TIME | 6.0 | 5.7 | 6.1 | 7.4 | 9.3 | 11.4 | 12.4 | 12.9 | 11.8 | 10.0 | 7.5 | 6.1 | 7.5 |
| EXCEEDED 90% OF TIME | 5.1 | 5.0 | 5.3 | 6.4 | 8.2 | 10.3 | 11.0 | 11.7 | 10.6 | 8.7 | 6.4 | 5.2 | 6.1 |
| EXCEEDED 95% OF TIME | 4.7 | 4.7 | 5.0 | 5.9 | 7.5 | 9.6 | 10.4 | 11.1 | 9.9 | 8.0 | 5.9 | 4.8 | 5.4 |
| EXCEEDED 99% OF TIME | 3.9 | 4.2 | 4.5 | 5.1 | 6.7 | 8.7 | 9.4 | 10.2 | 8.7 | 6.4 | 5.1 | 3.9 | 4.5 |
| EXTREME MINIMUM | 3.1 | 2.8 | 4.0 | 3.1 | 5.6 | 7.1 | 8.5 | 9.4 | 6.2 | 4.9 | 4.3 | 3.5 | 2.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 9.6 | 9.1 | 10.9 | 12.2 | 14.3 | 15.5 | 16.9 | 14.7 | 13.9 | 10.9 | 9.6 | 16.9 |
| EXCEEDED 1% OF TIME | 6.3 | 8.2 | 8.4 | 9.7 | 10.9 | 12.8 | 14.4 | 14.2 | 13.6 | 12.5 | 10.0 | 9.8 | 13.2 |
| EXCEEDED 5% OF TIME | 7.5 | 7.4 | 7.6 | 8.8 | 9.8 | 11.9 | 13.0 | 13.1 | 12.6 | 11.6 | 9.2 | 7.8 | 12.1 |
| EXCEEDED 10% OF TIME | 7.0 | 6.9 | 7.2 | 8.4 | 9.4 | 11.4 | 12.5 | 12.7 | 12.2 | 11.2 | 8.8 | 7.3 | 11.3 |
| EXCEEDED 25% OF TIME | 6.3 | 6.2 | 6.5 | 7.6 | 8.7 | 10.6 | 11.6 | 12.0 | 11.3 | 10.2 | 7.9 | 6.5 | 9.7 |
| EXCEEDED 50% OF TIME | 5.5 | 5.2 | 5.7 | 6.7 | 7.9 | 9.7 | 10.5 | 10.8 | 10.1 | 9.0 | 6.7 | 5.6 | 7.6 |
| EXCEEDED 75% OF TIME | 4.8 | 4.5 | 4.8 | 5.8 | 7.1 | 8.7 | 9.4 | 9.7 | 9.0 | 7.7 | 5.8 | 4.8 | 5.9 |
| EXCEEDED 90% OF TIME | 4.0 | 4.0 | 4.2 | 5.0 | 6.3 | 7.8 | 8.4 | 8.8 | 8.0 | 6.7 | 5.0 | 4.1 | 4.8 |
| EXCEEDED 95% OF TIME | 3.7 | 3.7 | 4.0 | 4.6 | 5.8 | 7.4 | 7.9 | 8.4 | 7.6 | 6.2 | 4.6 | 3.8 | 4.2 |
| EXCEEDED 99% OF TIME | 3.1 | 3.4 | 3.6 | 4.0 | 5.2 | 6.7 | 7.2 | 7.8 | 6.5 | 5.0 | 4.0 | 3.2 | 3.6 |
| EXTREME MINIMUM | 2.5 | 2.3 | 3.1 | 2.4 | 4.3 | 5.5 | 6.4 | 7.0 | 4.8 | 3.9 | 3.4 | 2.8 | 2.3 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

LEEMING ■

1961 - 70

N.G.R. 44/307890

ALTITUDE 32 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.3 | 11.8 | 14.5 | 18.7 | 22.1 | 22.6 | 20.9 | 20.9 | 17.9 | 14.2 | 13.0 | 22.6 |
| EXCEEDED 1% OF TIME | 11.3 | 11.1 | 11.1 | 12.9 | 14.7 | 17.4 | 19.2 | 19.4 | 18.1 | 16.3 | 12.8 | 11.5 | 17.4 |
| EXCEEDED 5% OF TIME | 9.9 | 9.7 | 10.0 | 11.7 | 13.2 | 15.8 | 17.2 | 17.4 | 16.4 | 14.6 | 11.6 | 10.0 | 15.4 |
| EXCEEDED 10% OF TIME | 9.1 | 8.8 | 9.2 | 11.0 | 12.4 | 15.0 | 16.3 | 16.6 | 15.4 | 13.8 | 10.8 | 9.1 | 14.1 |
| EXCEEDED 25% OF TIME | 7.6 | 7.5 | 8.1 | 9.6 | 11.0 | 13.7 | 14.6 | 15.1 | 13.9 | 12.3 | 9.3 | 7.7 | 12.0 |
| EXCEEDED 50% OF TIME | 6.6 | 6.3 | 6.8 | 8.1 | 9.7 | 12.0 | 12.9 | 13.2 | 12.4 | 10.5 | 7.8 | 6.5 | 9.3 |
| EXCEEDED 75% OF TIME | 5.5 | 5.3 | 5.8 | 6.7 | 8.4 | 10.5 | 11.3 | 11.8 | 10.9 | 9.0 | 6.5 | 5.4 | 6.9 |
| EXCEEDED 90% OF TIME | 4.5 | 4.4 | 4.8 | 5.6 | 7.3 | 9.4 | 10.0 | 10.7 | 9.7 | 7.8 | 5.3 | 4.4 | 5.5 |
| EXCEEDED 95% OF TIME | 4.0 | 3.9 | 4.2 | 5.2 | 6.8 | 8.7 | 9.5 | 10.0 | 9.0 | 7.0 | 4.9 | 3.9 | 4.8 |
| EXCEEDED 99% OF TIME | 3.0 | 2.8 | 3.3 | 4.3 | 5.7 | 7.7 | 8.5 | 8.9 | 7.8 | 5.6 | 4.2 | 3.1 | 3.6 |
| EXTREME MINIMUM | 1.8 | 2.2 | 2.3 | 2.8 | 4.6 | 5.8 | 7.5 | 8.1 | 6.1 | 4.6 | 3.3 | 2.5 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.3 | 9.0 | 10.9 | 13.6 | 16.2 | 16.5 | 15.1 | 15.4 | 13.3 | 10.7 | 9.9 | 16.5 |
| EXCEEDED 1% OF TIME | 8.7 | 8.5 | 8.4 | 9.7 | 11.1 | 12.9 | 14.2 | 14.2 | 13.5 | 12.2 | 9.7 | 8.8 | 13.0 |
| EXCEEDED 5% OF TIME | 7.6 | 7.5 | 7.7 | 8.9 | 9.9 | 11.8 | 12.7 | 13.0 | 12.3 | 11.0 | 8.8 | 7.7 | 11.5 |
| EXCEEDED 10% OF TIME | 7.0 | 6.8 | 7.1 | 8.4 | 9.4 | 11.3 | 12.2 | 12.4 | 11.6 | 10.4 | 8.3 | 7.0 | 10.6 |
| EXCEEDED 25% OF TIME | 5.9 | 5.9 | 6.3 | 7.4 | 8.4 | 10.2 | 11.0 | 11.3 | 10.5 | 9.3 | 7.2 | 6.0 | 9.0 |
| EXCEEDED 50% OF TIME | 5.1 | 4.9 | 5.3 | 6.3 | 7.4 | 9.1 | 9.7 | 9.9 | 9.3 | 8.0 | 6.1 | 5.1 | 7.1 |
| EXCEEDED 75% OF TIME | 4.3 | 4.2 | 4.5 | 5.2 | 6.5 | 8.0 | 8.6 | 8.9 | 8.3 | 6.9 | 5.1 | 4.3 | 5.4 |
| EXCEEDED 90% OF TIME | 3.6 | 3.5 | 3.8 | 4.4 | 5.6 | 7.1 | 7.6 | 8.1 | 7.4 | 6.0 | 4.2 | 3.5 | 4.3 |
| EXCEEDED 95% OF TIME | 3.2 | 3.1 | 3.4 | 4.0 | 5.2 | 6.7 | 7.2 | 7.6 | 6.8 | 5.5 | 3.9 | 3.1 | 3.8 |
| EXCEEDED 99% OF TIME | 2.5 | 2.3 | 2.7 | 3.4 | 4.4 | 5.9 | 6.5 | 6.9 | 6.0 | 4.4 | 3.3 | 2.5 | 2.9 |
| EXTREME MINIMUM | 1.5 | 1.8 | 1.9 | 2.2 | 3.5 | 4.6 | 5.6 | 6.2 | 4.7 | 3.6 | 2.6 | 2.0 | 1.5 |

MANBY

1961 - 70

N.G.R. 53/393867

ALTITUDE 14 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.2 | 13.0 | 12.4 | 16.6 | 16.9 | 20.6 | 25.0 | 21.1 | 22.3 | 18.2 | 14.8 | 13.4 | 25.0 |
| EXCEEDED 1% OF TIME | 11.5 | 11.3 | 11.6 | 13.8 | 15.2 | 18.3 | 20.3 | 19.6 | 18.9 | 17.2 | 13.6 | 12.1 | 18.4 |
| EXCEEDED 5% OF TIME | 10.3 | 10.1 | 10.3 | 12.1 | 13.8 | 16.4 | 18.4 | 18.1 | 17.2 | 15.7 | 12.3 | 10.7 | 16.1 |
| EXCEEDED 10% OF TIME | 9.4 | 9.3 | 9.6 | 11.3 | 13.0 | 15.7 | 17.2 | 17.2 | 16.3 | 14.9 | 11.5 | 9.5 | 14.9 |
| EXCEEDED 25% OF TIME | 8.0 | 7.9 | 8.3 | 10.0 | 11.5 | 14.3 | 15.4 | 15.7 | 14.7 | 13.1 | 9.9 | 8.2 | 12.6 |
| EXCEEDED 50% OF TIME | 6.8 | 6.5 | 7.1 | 8.6 | 10.2 | 12.5 | 13.6 | 13.9 | 13.0 | 11.3 | 8.4 | 7.0 | 9.8 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 5.9 | 7.2 | 9.0 | 11.0 | 12.1 | 12.3 | 11.4 | 9.7 | 7.1 | 5.8 | 7.3 |
| EXCEEDED 90% OF TIME | 4.8 | 4.8 | 5.0 | 6.2 | 8.0 | 9.8 | 10.7 | 11.1 | 10.2 | 8.4 | 5.9 | 4.8 | 5.8 |
| EXCEEDED 95% OF TIME | 4.2 | 4.4 | 4.6 | 5.6 | 7.5 | 9.1 | 10.1 | 10.4 | 9.6 | 7.7 | 5.4 | 4.3 | 5.1 |
| EXCEEDED 99% OF TIME | 3.4 | 3.6 | 3.9 | 4.7 | 6.4 | 8.0 | 9.3 | 9.4 | 8.2 | 6.2 | 4.6 | 3.6 | 4.1 |
| EXTREME MINIMUM | 2.8 | 3.0 | 2.5 | 3.5 | 5.1 | 6.2 | 8.1 | 8.3 | 6.7 | 5.1 | 3.6 | 3.0 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 9.8 | 9.5 | 12.3 | 12.5 | 15.1 | 18.1 | 15.6 | 16.2 | 13.5 | 11.2 | 10.1 | 18.1 |
| EXCEEDED 1% OF TIME | 8.8 | 8.7 | 8.8 | 10.4 | 11.4 | 13.5 | 14.9 | 14.5 | 14.0 | 12.9 | 10.4 | 9.2 | 13.6 |
| EXCEEDED 5% OF TIME | 8.0 | 7.8 | 7.9 | 9.2 | 10.3 | 12.3 | 13.7 | 13.4 | 12.8 | 11.8 | 9.4 | 8.2 | 12.1 |
| EXCEEDED 10% OF TIME | 7.2 | 7.2 | 7.3 | 8.6 | 9.8 | 11.7 | 12.8 | 12.8 | 12.2 | 11.2 | 8.8 | 7.3 | 11.2 |
| EXCEEDED 25% OF TIME | 6.3 | 6.2 | 6.4 | 7.7 | 8.8 | 10.7 | 11.6 | 11.8 | 11.1 | 10.0 | 7.7 | 6.4 | 9.5 |
| EXCEEDED 50% OF TIME | 5.3 | 5.1 | 5.5 | 6.6 | 7.8 | 9.5 | 10.3 | 10.5 | 9.8 | 8.6 | 6.5 | 5.5 | 7.5 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.7 | 5.6 | 6.9 | 8.4 | 9.1 | 9.3 | 8.6 | 7.5 | 5.6 | 4.6 | 5.7 |
| EXCEEDED 90% OF TIME | 3.8 | 3.8 | 4.0 | 4.9 | 6.2 | 7.5 | 8.2 | 8.4 | 7.8 | 6.5 | 4.7 | 3.8 | 4.6 |
| EXCEEDED 95% OF TIME | 3.4 | 3.5 | 3.6 | 4.4 | 5.8 | 7.0 | 7.7 | 7.9 | 7.3 | 6.0 | 4.3 | 3.4 | 4.0 |
| EXCEEDED 99% OF TIME | 2.8 | 2.9 | 3.0 | 3.7 | 5.0 | 6.2 | 7.1 | 7.1 | 6.3 | 4.9 | 3.7 | 2.9 | 3.3 |
| EXTREME MINIMUM | 2.2 | 2.4 | 2.0 | 2.8 | 3.9 | 4.9 | 6.3 | 6.3 | 5.2 | 4.0 | 2.9 | 2.4 | 2.0 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

TYNEMOUTH

1961 — 70

N.G.R. 45/374695

ALTITUDE

29 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.2 | 11.8 | 14.6 | 15.2 | 17.2 | 20.7 | 19.7 | 19.0 | 17.9 | 14.2 | 11.9 | 20.7 |
| EXCEEDED 1% OF TIME | 11.4 | 10.8 | 11.1 | 12.4 | 13.8 | 16.1 | 18.4 | 17.7 | 17.1 | 16.2 | 12.7 | 11.5 | 16.5 |
| EXCEEDED 5% OF TIME | 9.7 | 9.5 | 9.7 | 10.8 | 12.3 | 14.6 | 16.2 | 16.5 | 15.6 | 14.3 | 11.9 | 10.2 | 14.9 |
| EXCEEDED 10% OF TIME | 9.2 | 8.7 | 9.0 | 10.3 | 11.6 | 14.0 | 15.5 | 15.9 | 15.2 | 13.8 | 11.2 | 9.3 | 13.8 |
| EXCEEDED 25% OF TIME | 8.0 | 7.7 | 8.1 | 9.3 | 10.5 | 13.0 | 14.1 | 14.9 | 14.0 | 12.4 | 9.7 | 8.1 | 11.8 |
| EXCEEDED 50% OF TIME | 6.9 | 6.4 | 6.9 | 8.2 | 9.7 | 11.8 | 12.7 | 13.4 | 12.4 | 10.8 | 8.2 | 6.8 | 9.3 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 6.0 | 6.9 | 8.6 | 10.8 | 11.2 | 11.7 | 10.8 | 9.2 | 7.0 | 5.8 | 7.1 |
| EXCEEDED 90% OF TIME | 5.0 | 4.8 | 5.1 | 5.9 | 7.6 | 9.7 | 10.0 | 10.7 | 9.6 | 7.9 | 5.9 | 4.9 | 5.8 |
| EXCEEDED 95% OF TIME | 4.6 | 4.3 | 4.7 | 5.2 | 7.0 | 9.0 | 9.5 | 10.1 | 8.9 | 7.3 | 5.3 | 4.5 | 5.1 |
| EXCEEDED 99% OF TIME | 3.6 | 3.4 | 3.8 | 4.6 | 6.0 | 8.1 | 8.8 | 9.1 | 7.7 | 5.4 | 4.5 | 3.7 | 4.2 |
| EXTREME MINIMUM | 2.5 | 2.8 | 2.7 | 3.5 | 4.8 | 7.0 | 7.2 | 7.9 | 6.4 | 4.8 | 3.7 | 2.4 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.3 | 9.0 | 11.0 | 11.5 | 12.8 | 15.3 | 14.5 | 14.1 | 13.2 | 10.8 | 9.1 | 15.3 |
| EXCEEDED 1% OF TIME | 8.7 | 8.3 | 8.4 | 9.5 | 10.4 | 12.1 | 13.6 | 13.2 | 12.8 | 12.1 | 9.7 | 8.8 | 12.3 |
| EXCEEDED 5% OF TIME | 7.5 | 7.3 | 7.4 | 8.3 | 9.4 | 11.0 | 12.1 | 12.4 | 11.8 | 10.8 | 9.1 | 7.8 | 11.2 |
| EXCEEDED 10% OF TIME | 7.1 | 6.7 | 6.9 | 7.9 | 8.9 | 10.6 | 11.6 | 11.9 | 11.4 | 10.4 | 8.6 | 7.2 | 10.5 |
| EXCEEDED 25% OF TIME | 6.2 | 6.0 | 6.3 | 7.1 | 8.1 | 9.8 | 10.6 | 11.2 | 10.5 | 9.5 | 7.5 | 6.3 | 9.0 |
| EXCEEDED 50% OF TIME | 5.4 | 5.0 | 5.4 | 6.4 | 7.4 | 9.0 | 9.6 | 10.2 | 9.4 | 8.3 | 6.4 | 5.4 | 7.2 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.7 | 5.4 | 6.6 | 8.2 | 8.5 | 8.9 | 8.3 | 7.0 | 5.4 | 4.6 | 5.6 |
| EXCEEDED 90% OF TIME | 4.0 | 3.8 | 4.0 | 4.6 | 5.9 | 7.4 | 7.6 | 8.1 | 7.3 | 6.1 | 4.6 | 3.9 | 4.5 |
| EXCEEDED 95% OF TIME | 3.6 | 3.4 | 3.7 | 4.0 | 5.4 | 6.8 | 7.2 | 7.6 | 6.8 | 5.6 | 4.2 | 3.6 | 4.0 |
| EXCEEDED 99% OF TIME | 2.9 | 2.7 | 3.1 | 3.6 | 4.6 | 6.2 | 6.7 | 6.9 | 5.9 | 4.3 | 3.5 | 3.0 | 3.3 |
| EXTREME MINIMUM | 2.0 | 2.3 | 2.0 | 2.7 | 3.7 | 5.4 | 5.5 | 6.1 | 4.9 | 3.8 | 2.9 | 1.9 | 1.9 |

WADDINGTON

1961 — 70

N.G.R. 43/988653

ALTITUDE

68 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.3 | 13.3 | 12.0 | 17.4 | 16.6 | 20.9 | 26.2 | 21.5 | 20.9 | 18.4 | 14.8 | 13.2 | 26.2 |
| EXCEEDED 1% OF TIME | 11.6 | 11.3 | 11.4 | 13.3 | 15.1 | 17.5 | 20.6 | 19.3 | 18.4 | 16.6 | 13.4 | 12.0 | 17.8 |
| EXCEEDED 5% OF TIME | 10.2 | 10.2 | 10.0 | 11.9 | 13.6 | 16.1 | 17.9 | 17.6 | 16.8 | 15.2 | 12.1 | 10.6 | 15.7 |
| EXCEEDED 10% OF TIME | 9.5 | 9.3 | 9.3 | 11.2 | 12.8 | 15.4 | 16.7 | 16.8 | 15.8 | 14.5 | 11.1 | 9.6 | 14.5 |
| EXCEEDED 25% OF TIME | 8.0 | 7.8 | 8.2 | 9.8 | 11.4 | 14.0 | 15.1 | 15.3 | 14.2 | 12.8 | 9.7 | 8.1 | 12.2 |
| EXCEEDED 50% OF TIME | 6.6 | 6.4 | 6.9 | 8.4 | 10.0 | 12.4 | 13.2 | 13.5 | 12.4 | 11.0 | 8.1 | 6.8 | 9.6 |
| EXCEEDED 75% OF TIME | 5.6 | 5.4 | 5.7 | 6.9 | 8.7 | 10.8 | 11.7 | 12.0 | 11.0 | 9.3 | 6.9 | 5.6 | 7.1 |
| EXCEEDED 90% OF TIME | 4.5 | 4.6 | 4.9 | 6.0 | 7.7 | 9.6 | 10.5 | 10.9 | 9.9 | 8.1 | 5.7 | 4.5 | 5.6 |
| EXCEEDED 95% OF TIME | 3.9 | 4.2 | 4.4 | 5.5 | 7.2 | 9.1 | 9.9 | 10.3 | 9.3 | 7.5 | 5.2 | 4.0 | 4.9 |
| EXCEEDED 99% OF TIME | 3.3 | 3.4 | 3.7 | 4.3 | 6.1 | 8.1 | 9.2 | 9.3 | 8.2 | 5.8 | 4.3 | 3.3 | 3.8 |
| EXTREME MINIMUM | 2.6 | 2.5 | 2.9 | 3.2 | 4.8 | 5.7 | 7.6 | 8.4 | 7.3 | 5.1 | 3.6 | 2.6 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.4 | 10.1 | 9.2 | 12.9 | 12.3 | 15.5 | 18.8 | 15.8 | 15.4 | 13.8 | 11.2 | 10.1 | 18.8 |
| EXCEEDED 1% OF TIME | 8.9 | 8.6 | 8.7 | 10.1 | 11.3 | 13.0 | 15.0 | 14.3 | 13.6 | 12.4 | 10.1 | 9.2 | 13.3 |
| EXCEEDED 5% OF TIME | 7.9 | 7.8 | 7.7 | 9.0 | 10.2 | 12.1 | 13.3 | 13.1 | 12.6 | 11.5 | 9.2 | 8.2 | 11.8 |
| EXCEEDED 10% OF TIME | 7.3 | 7.2 | 7.2 | 8.5 | 9.7 | 11.5 | 12.5 | 12.5 | 11.8 | 11.0 | 8.5 | 7.4 | 10.9 |
| EXCEEDED 25% OF TIME | 6.3 | 6.1 | 6.3 | 7.5 | 8.7 | 10.5 | 11.3 | 11.4 | 10.7 | 9.7 | 7.5 | 6.3 | 9.3 |
| EXCEEDED 50% OF TIME | 5.2 | 5.0 | 5.4 | 6.5 | 7.7 | 9.3 | 9.9 | 10.2 | 9.4 | 8.4 | 6.3 | 5.3 | 7.3 |
| EXCEEDED 75% OF TIME | 4.4 | 4.3 | 4.5 | 5.4 | 6.7 | 8.2 | 8.9 | 9.0 | 8.4 | 7.1 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.7 | 3.9 | 4.7 | 6.0 | 7.3 | 8.0 | 8.3 | 7.5 | 6.3 | 4.5 | 3.6 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.4 | 3.5 | 4.3 | 5.6 | 6.9 | 7.5 | 7.8 | 7.1 | 5.8 | 4.1 | 3.2 | 3.9 |
| EXCEEDED 99% OF TIME | 2.7 | 2.8 | 3.0 | 3.4 | 4.7 | 6.3 | 7.0 | 7.1 | 6.3 | 4.5 | 3.4 | 2.7 | 3.1 |
| EXTREME MINIMUM | 2.1 | 2.0 | 2.3 | 2.5 | 3.7 | 4.5 | 5.6 | 6.3 | 5.5 | 4.0 | 2.9 | 2.1 | 2.0 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

WHITBY

1962 - 70

N.G.R. 45/904115

ALTITUDE 60 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.7 | 12.3 | 13.6 | 15.8 | 20.3 | 22.4 | 21.2 | 24.3 | 18.5 | 14.6 | 12.8 | 24.3 |
| EXCEEDED 1% OF TIME | 11.7 | 11.4 | 11.3 | 12.7 | 14.3 | 17.0 | 19.5 | 18.9 | 18.0 | 16.3 | 13.0 | 12.1 | 17.4 |
| EXCEEDED 5% OF TIME | 10.1 | 9.5 | 9.7 | 11.2 | 12.9 | 15.7 | 17.6 | 17.0 | 16.4 | 14.8 | 12.0 | 10.2 | 15.4 |
| EXCEEDED 10% OF TIME | 9.2 | 8.8 | 8.9 | 10.5 | 12.3 | 14.9 | 16.4 | 16.4 | 15.3 | 14.0 | 11.2 | 9.4 | 14.2 |
| EXCEEDED 25% OF TIME | 8.0 | 7.4 | 8.0 | 9.3 | 11.0 | 13.5 | 14.8 | 15.2 | 14.0 | 12.7 | 9.8 | 8.3 | 12.1 |
| EXCEEDED 50% OF TIME | 6.8 | 6.3 | 6.8 | 8.1 | 9.9 | 12.2 | 13.1 | 13.6 | 12.6 | 10.9 | 8.2 | 7.2 | 9.3 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 5.9 | 6.9 | 8.7 | 10.8 | 11.6 | 11.9 | 11.1 | 9.2 | 6.8 | 6.1 | 7.1 |
| EXCEEDED 90% OF TIME | 5.0 | 4.8 | 5.1 | 5.9 | 7.7 | 9.7 | 10.6 | 10.7 | 9.7 | 8.0 | 5.9 | 5.1 | 5.7 |
| EXCEEDED 95% OF TIME | 4.6 | 4.4 | 4.7 | 5.3 | 7.1 | 8.8 | 10.0 | 10.0 | 8.7 | 7.4 | 5.4 | 4.5 | 5.1 |
| EXCEEDED 99% OF TIME | 3.4 | 3.5 | 3.9 | 4.6 | 6.3 | 7.7 | 8.7 | 8.9 | 7.7 | 6.2 | 4.6 | 3.5 | 4.2 |
| EXTREME MINIMUM | 2.5 | 3.0 | 2.5 | 3.7 | 5.4 | 6.2 | 6.3 | 7.5 | 6.2 | 4.7 | 3.5 | 2.4 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.8 | 9.7 | 9.4 | 10.3 | 11.8 | 14.9 | 16.5 | 15.7 | 17.9 | 13.8 | 11.0 | 9.7 | 17.9 |
| EXCEEDED 1% OF TIME | 8.9 | 8.7 | 8.6 | 9.7 | 10.8 | 12.7 | 14.4 | 13.9 | 13.3 | 12.2 | 9.8 | 9.2 | 12.9 |
| EXCEEDED 5% OF TIME | 7.8 | 7.3 | 7.5 | 8.6 | 9.8 | 11.7 | 13.1 | 12.8 | 12.2 | 11.2 | 9.1 | 7.9 | 11.5 |
| EXCEEDED 10% OF TIME | 7.1 | 6.8 | 6.9 | 8.0 | 9.4 | 11.1 | 12.2 | 12.3 | 11.6 | 10.6 | 8.6 | 7.2 | 10.7 |
| EXCEEDED 25% OF TIME | 6.3 | 5.8 | 6.2 | 7.2 | 8.4 | 10.2 | 11.1 | 11.4 | 10.6 | 9.6 | 7.5 | 6.5 | 9.2 |
| EXCEEDED 50% OF TIME | 5.3 | 4.9 | 5.3 | 6.3 | 7.6 | 9.3 | 10.0 | 10.3 | 9.5 | 8.3 | 6.4 | 5.6 | 7.2 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.6 | 5.4 | 6.7 | 8.2 | 8.8 | 9.0 | 8.4 | 7.0 | 5.4 | 4.8 | 5.5 |
| EXCEEDED 90% OF TIME | 4.0 | 3.8 | 4.0 | 4.6 | 5.9 | 7.4 | 8.0 | 8.1 | 7.4 | 6.2 | 4.6 | 4.0 | 4.5 |
| EXCEEDED 95% OF TIME | 3.6 | 3.5 | 3.7 | 4.2 | 5.5 | 6.8 | 7.6 | 7.6 | 6.7 | 5.7 | 4.2 | 3.6 | 4.1 |
| EXCEEDED 99% OF TIME | 2.8 | 2.8 | 3.1 | 3.6 | 4.9 | 5.9 | 6.7 | 6.9 | 5.9 | 4.8 | 3.6 | 2.8 | 3.3 |
| EXTREME MINIMUM | 2.0 | 2.4 | 2.0 | 2.9 | 4.1 | 4.7 | 4.7 | 5.9 | 4.8 | 3.7 | 2.8 | 2.0 | 2.0 |

3 EAST ANGLIA

CARDINGTON

1970 - 70

N.G.R. 52/081464

ALTITUDE 29 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.6 | 13.5 | 12.3 | 15.0 | 17.5 | 20.5 | 24.7 | 21.6 | 20.2 | 19.7 | 15.4 | 14.1 | 24.7 |
| EXCEEDED 1% OF TIME | 12.0 | 11.9 | 11.4 | 13.4 | 15.8 | 18.1 | 20.3 | 19.6 | 19.3 | 17.4 | 14.1 | 13.2 | 18.2 |
| EXCEEDED 5% OF TIME | 10.8 | 10.7 | 10.5 | 12.2 | 14.0 | 16.6 | 18.2 | 17.8 | 17.2 | 15.7 | 12.5 | 11.3 | 16.1 |
| EXCEEDED 10% OF TIME | 10.0 | 9.9 | 9.8 | 11.4 | 13.1 | 15.7 | 17.3 | 17.0 | 16.3 | 15.1 | 11.8 | 10.2 | 14.8 |
| EXCEEDED 25% OF TIME | 8.5 | 8.1 | 8.4 | 10.0 | 11.7 | 14.3 | 15.5 | 15.4 | 14.7 | 13.3 | 10.2 | 8.4 | 12.5 |
| EXCEEDED 50% OF TIME | 6.9 | 6.5 | 7.0 | 8.4 | 10.1 | 12.5 | 13.5 | 13.5 | 12.8 | 11.2 | 8.4 | 6.9 | 9.8 |
| EXCEEDED 75% OF TIME | 5.6 | 5.5 | 5.7 | 7.0 | 8.8 | 10.7 | 11.8 | 12.0 | 11.1 | 9.3 | 7.0 | 5.6 | 7.2 |
| EXCEEDED 90% OF TIME | 4.5 | 4.7 | 4.8 | 6.0 | 7.7 | 9.4 | 10.4 | 10.6 | 9.7 | 7.9 | 5.7 | 4.6 | 5.6 |
| EXCEEDED 95% OF TIME | 3.8 | 4.2 | 4.4 | 5.4 | 7.0 | 8.7 | 9.8 | 9.9 | 9.0 | 7.3 | 5.2 | 4.0 | 4.9 |
| EXCEEDED 99% OF TIME | 2.7 | 3.6 | 3.5 | 4.6 | 5.8 | 7.3 | 8.7 | 8.6 | 7.8 | 5.9 | 4.3 | 3.3 | 3.8 |
| EXTREME MINIMUM | 1.8 | 2.6 | 2.4 | 3.8 | 5.0 | 5.9 | 6.8 | 7.4 | 5.6 | 4.8 | 3.4 | 2.8 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.3 | 10.2 | 9.4 | 11.3 | 13.0 | 15.0 | 18.0 | 16.0 | 14.9 | 14.5 | 11.6 | 10.7 | 18.0 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.7 | 10.1 | 11.7 | 13.5 | 14.9 | 14.5 | 14.2 | 12.9 | 10.7 | 10.0 | 13.5 |
| EXCEEDED 5% OF TIME | 8.3 | 8.2 | 8.1 | 9.2 | 10.6 | 12.4 | 13.5 | 13.2 | 12.8 | 11.8 | 9.6 | 8.6 | 12.0 |
| EXCEEDED 10% OF TIME | 7.7 | 7.6 | 7.5 | 8.7 | 9.9 | 11.8 | 12.8 | 12.6 | 12.2 | 11.3 | 9.0 | 7.8 | 11.1 |
| EXCEEDED 25% OF TIME | 6.6 | 6.3 | 6.5 | 7.7 | 8.9 | 10.7 | 11.6 | 11.6 | 11.0 | 10.1 | 7.8 | 6.6 | 9.5 |
| EXCEEDED 50% OF TIME | 5.4 | 5.1 | 5.4 | 6.5 | 7.7 | 9.4 | 10.1 | 10.2 | 9.7 | 8.5 | 6.5 | 5.4 | 7.5 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.5 | 5.4 | 6.7 | 8.2 | 8.9 | 9.1 | 8.4 | 7.2 | 5.5 | 4.5 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.7 | 3.8 | 4.6 | 5.9 | 7.1 | 7.8 | 8.0 | 7.4 | 6.1 | 4.5 | 3.7 | 4.5 |
| EXCEEDED 95% OF TIME | 3.1 | 3.4 | 3.5 | 4.2 | 5.4 | 6.6 | 7.4 | 7.5 | 6.9 | 5.7 | 4.1 | 3.2 | 3.9 |
| EXCEEDED 99% OF TIME | 2.2 | 2.9 | 2.8 | 3.6 | 4.6 | 5.6 | 6.6 | 6.4 | 6.0 | 4.7 | 3.4 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.5 | 2.1 | 1.9 | 2.9 | 3.8 | 4.6 | 5.2 | 5.8 | 4.5 | 3.8 | 2.7 | 2.3 | 1.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

COLTISHALL

1963 - 70

N.G.R. 63/262229

ALTITUDE 17 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.7 | 13.0 | 11.6 | 16.6 | 18.4 | 20.4 | 24.3 | 21.5 | 20.3 | 19.0 | 15.4 | 14.1 | 24.3 |
| EXCEEDED 1% OF TIME | 11.5 | 11.4 | 10.9 | 13.8 | 15.6 | 17.9 | 20.3 | 19.7 | 18.4 | 17.0 | 14.0 | 12.8 | 18.1 |
| EXCEEDED 5% OF TIME | 10.3 | 10.0 | 9.8 | 12.0 | 13.8 | 16.5 | 18.0 | 18.0 | 17.2 | 15.9 | 12.4 | 10.5 | 16.2 |
| EXCEEDED 10% OF TIME | 9.6 | 9.1 | 9.1 | 11.1 | 13.1 | 15.7 | 17.0 | 17.3 | 16.3 | 15.0 | 11.6 | 9.8 | 15.0 |
| EXCEEDED 25% OF TIME | 8.2 | 7.4 | 8.1 | 9.7 | 11.6 | 14.3 | 15.4 | 16.0 | 14.6 | 13.2 | 9.9 | 8.2 | 12.4 |
| EXCEEDED 50% OF TIME | 6.6 | 6.3 | 6.9 | 8.3 | 10.3 | 12.3 | 13.6 | 14.0 | 12.6 | 11.2 | 8.3 | 6.9 | 9.6 |
| EXCEEDED 75% OF TIME | 5.5 | 5.3 | 5.7 | 6.9 | 9.1 | 10.8 | 11.7 | 12.3 | 11.1 | 9.4 | 6.9 | 5.9 | 7.1 |
| EXCEEDED 90% OF TIME | 4.4 | 4.6 | 4.9 | 5.9 | 7.9 | 9.7 | 10.6 | 10.8 | 9.8 | 8.2 | 5.8 | 4.9 | 5.7 |
| EXCEEDED 95% OF TIME | 3.9 | 4.2 | 4.5 | 5.4 | 7.3 | 9.2 | 10.0 | 10.1 | 9.1 | 7.7 | 5.4 | 4.4 | 5.0 |
| EXCEEDED 99% OF TIME | 3.1 | 3.3 | 4.0 | 4.7 | 6.2 | 8.4 | 8.7 | 8.8 | 7.6 | 6.7 | 4.4 | 3.7 | 4.0 |
| EXTREME MINIMUM | 2.4 | 1.8 | 2.6 | 3.8 | 5.6 | 7.4 | 7.1 | 7.4 | 6.0 | 5.2 | 4.0 | 2.4 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.8 | 8.9 | 12.2 | 13.5 | 14.9 | 17.7 | 15.6 | 14.9 | 14.1 | 11.5 | 10.7 | 17.7 |
| EXCEEDED 1% OF TIME | 8.8 | 8.7 | 8.3 | 10.4 | 11.6 | 13.3 | 14.8 | 14.6 | 13.7 | 12.7 | 10.6 | 9.8 | 13.5 |
| EXCEEDED 5% OF TIME | 8.0 | 7.7 | 7.5 | 9.1 | 10.4 | 12.3 | 13.4 | 13.4 | 12.8 | 11.9 | 9.4 | 8.1 | 12.1 |
| EXCEEDED 10% OF TIME | 7.4 | 7.0 | 7.0 | 8.5 | 9.9 | 11.8 | 12.7 | 12.8 | 12.2 | 11.3 | 8.8 | 7.6 | 11.3 |
| EXCEEDED 25% OF TIME | 6.4 | 5.8 | 6.3 | 7.4 | 8.9 | 10.7 | 11.5 | 12.0 | 11.0 | 10.0 | 7.6 | 6.4 | 9.4 |
| EXCEEDED 50% OF TIME | 5.2 | 4.9 | 5.4 | 6.4 | 7.8 | 9.3 | 10.2 | 10.5 | 9.6 | 8.5 | 6.4 | 5.4 | 7.4 |
| EXCEEDED 75% OF TIME | 4.3 | 4.2 | 4.5 | 5.4 | 7.0 | 8.2 | 8.9 | 9.3 | 8.4 | 7.2 | 5.4 | 4.6 | 5.6 |
| EXCEEDED 90% OF TIME | 3.5 | 3.6 | 3.9 | 4.7 | 6.0 | 7.4 | 8.0 | 8.2 | 7.5 | 6.3 | 4.6 | 3.9 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.4 | 3.6 | 4.2 | 5.6 | 7.0 | 7.5 | 7.6 | 6.9 | 5.9 | 4.3 | 3.5 | 3.9 |
| EXCEEDED 99% OF TIME | 2.5 | 2.7 | 3.2 | 3.7 | 4.8 | 6.3 | 6.6 | 6.7 | 5.9 | 5.2 | 3.5 | 3.0 | 3.2 |
| EXTREME MINIMUM | 2.0 | 1.5 | 2.1 | 2.9 | 4.2 | 5.8 | 5.6 | 5.5 | 4.6 | 4.0 | 3.2 | 2.0 | 1.5 |

HONINGTON

1961 - 70

N.G.R. 52/887749

ALTITUDE 50 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.2 | 13.4 | 12.8 | 15.9 | 17.3 | 20.6 | 23.4 | 20.8 | 20.5 | 19.2 | 15.2 | 13.7 | 23.4 |
| EXCEEDED 1% OF TIME | 11.8 | 11.8 | 11.4 | 13.6 | 15.4 | 17.8 | 20.8 | 19.7 | 18.6 | 17.2 | 13.9 | 13.0 | 18.4 |
| EXCEEDED 5% OF TIME | 10.7 | 10.4 | 10.2 | 12.0 | 13.8 | 16.7 | 18.6 | 18.0 | 17.3 | 15.7 | 12.3 | 11.0 | 16.2 |
| EXCEEDED 10% OF TIME | 9.8 | 9.8 | 9.6 | 11.3 | 13.1 | 15.9 | 17.5 | 17.0 | 16.3 | 15.1 | 11.6 | 9.9 | 14.9 |
| EXCEEDED 25% OF TIME | 8.3 | 8.0 | 8.3 | 10.0 | 11.6 | 14.2 | 15.7 | 15.6 | 14.6 | 13.2 | 10.0 | 8.3 | 12.5 |
| EXCEEDED 50% OF TIME | 6.7 | 6.4 | 7.0 | 8.5 | 10.2 | 12.4 | 13.7 | 13.8 | 12.8 | 11.3 | 8.4 | 6.8 | 9.8 |
| EXCEEDED 75% OF TIME | 5.6 | 5.3 | 5.7 | 7.1 | 8.9 | 10.8 | 12.1 | 12.2 | 11.2 | 9.5 | 7.0 | 5.6 | 7.2 |
| EXCEEDED 90% OF TIME | 4.4 | 4.6 | 4.8 | 6.1 | 7.9 | 9.5 | 10.7 | 10.9 | 10.0 | 8.1 | 5.8 | 4.5 | 5.6 |
| EXCEEDED 95% OF TIME | 3.8 | 4.2 | 4.4 | 5.6 | 7.3 | 8.7 | 10.0 | 10.2 | 9.2 | 7.4 | 5.2 | 3.9 | 4.9 |
| EXCEEDED 99% OF TIME | 2.8 | 3.4 | 3.9 | 4.5 | 6.3 | 7.4 | 8.9 | 8.8 | 7.9 | 6.0 | 4.2 | 3.3 | 3.8 |
| EXTREME MINIMUM | 1.8 | 2.5 | 3.2 | 3.9 | 4.6 | 5.8 | 7.6 | 7.0 | 5.8 | 5.1 | 3.6 | 2.0 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 10.1 | 9.7 | 11.6 | 12.6 | 14.9 | 17.0 | 15.3 | 15.1 | 14.0 | 11.4 | 10.4 | 17.0 |
| EXCEEDED 1% OF TIME | 9.0 | 9.0 | 8.7 | 10.2 | 11.5 | 13.3 | 15.2 | 14.4 | 13.9 | 12.8 | 10.5 | 9.9 | 13.6 |
| EXCEEDED 5% OF TIME | 8.2 | 8.0 | 7.8 | 9.1 | 10.4 | 12.4 | 13.7 | 13.3 | 12.9 | 11.8 | 9.4 | 8.4 | 12.1 |
| EXCEEDED 10% OF TIME | 7.6 | 7.5 | 7.4 | 8.6 | 9.9 | 11.8 | 13.0 | 12.6 | 12.2 | 11.3 | 8.9 | 7.6 | 11.2 |
| EXCEEDED 25% OF TIME | 6.5 | 6.2 | 6.4 | 7.6 | 8.8 | 10.6 | 11.8 | 11.7 | 11.0 | 10.0 | 7.7 | 6.4 | 9.4 |
| EXCEEDED 50% OF TIME | 5.3 | 5.0 | 5.4 | 6.6 | 7.8 | 9.3 | 10.3 | 10.3 | 9.6 | 8.6 | 6.5 | 5.3 | 7.5 |
| EXCEEDED 75% OF TIME | 4.4 | 4.2 | 4.5 | 5.5 | 6.8 | 8.1 | 9.1 | 9.2 | 8.5 | 7.3 | 5.5 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.5 | 3.6 | 3.8 | 4.8 | 6.1 | 7.2 | 8.1 | 8.2 | 7.6 | 6.3 | 4.6 | 3.6 | 4.4 |
| EXCEEDED 95% OF TIME | 3.0 | 3.4 | 3.5 | 4.4 | 5.6 | 6.6 | 7.6 | 7.7 | 7.1 | 5.8 | 4.1 | 3.1 | 3.9 |
| EXCEEDED 99% OF TIME | 2.3 | 2.8 | 3.1 | 3.6 | 4.9 | 5.7 | 6.8 | 6.7 | 6.0 | 4.7 | 3.4 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.5 | 2.0 | 2.5 | 3.1 | 3.5 | 4.5 | 5.8 | 5.2 | 4.6 | 4.0 | 2.9 | 1.7 | 1.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

SHOEBURYNNESS

1970 - 70

N.G.R. 51/948857

ALTITUDE 2 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.5 | 12.6 | 13.3 | 18.8 | 18.0 | 20.5 | 25.4 | 23.9 | 21.4 | 18.5 | 15.3 | 13.5 | 25.4 |
| EXCEEDED 1% OF TIME | 11.5 | 11.8 | 11.6 | 14.3 | 16.3 | 19.8 | 21.7 | 21.0 | 19.6 | 17.7 | 14.0 | 12.8 | 19.6 |
| EXCEEDED 5% OF TIME | 10.5 | 10.5 | 10.6 | 12.5 | 15.0 | 17.8 | 20.0 | 19.5 | 18.5 | 16.6 | 12.9 | 11.2 | 17.5 |
| EXCEEDED 10% OF TIME | 9.8 | 9.8 | 10.0 | 11.8 | 14.1 | 17.0 | 18.7 | 18.7 | 17.7 | 15.9 | 12.2 | 10.1 | 16.2 |
| EXCEEDED 25% OF TIME | 8.6 | 8.3 | 8.9 | 10.7 | 12.7 | 15.5 | 16.8 | 17.2 | 16.1 | 14.4 | 10.7 | 8.7 | 13.6 |
| EXCEEDED 50% OF TIME | 7.1 | 6.7 | 7.5 | 9.2 | 11.2 | 13.7 | 14.7 | 15.1 | 14.2 | 12.2 | 8.8 | 7.1 | 10.4 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 6.1 | 7.6 | 9.9 | 12.1 | 12.9 | 13.1 | 12.5 | 10.2 | 7.6 | 5.9 | 7.7 |
| EXCEEDED 90% OF TIME | 4.6 | 4.8 | 5.2 | 6.6 | 8.6 | 10.7 | 11.3 | 11.8 | 11.0 | 8.8 | 6.2 | 4.9 | 5.9 |
| EXCEEDED 95% OF TIME | 4.1 | 4.4 | 4.7 | 6.1 | 7.9 | 10.0 | 10.6 | 11.1 | 10.2 | 8.1 | 5.6 | 4.5 | 5.2 |
| EXCEEDED 99% OF TIME | 3.6 | 3.8 | 4.1 | 5.3 | 6.9 | 8.5 | 9.6 | 9.5 | 8.4 | 6.5 | 4.5 | 3.9 | 4.1 |
| EXTREME MINIMUM | 3.3 | 2.9 | 3.5 | 4.6 | 6.1 | 6.5 | 8.2 | 7.9 | 6.7 | 4.7 | 3.7 | 3.4 | 2.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.6 | 10.0 | 13.9 | 13.4 | 15.1 | 18.5 | 17.5 | 15.6 | 13.8 | 11.5 | 10.3 | 18.5 |
| EXCEEDED 1% OF TIME | 8.8 | 9.0 | 8.9 | 10.8 | 12.2 | 14.5 | 15.9 | 15.4 | 14.5 | 13.2 | 10.6 | 9.7 | 14.5 |
| EXCEEDED 5% OF TIME | 8.1 | 8.1 | 8.1 | 9.5 | 11.2 | 13.2 | 14.8 | 14.4 | 13.8 | 12.5 | 9.8 | 8.6 | 13.1 |
| EXCEEDED 10% OF TIME | 7.5 | 7.5 | 7.7 | 9.0 | 10.6 | 12.7 | 13.9 | 13.9 | 13.2 | 11.9 | 9.3 | 7.8 | 12.1 |
| EXCEEDED 25% OF TIME | 6.7 | 6.4 | 6.9 | 8.2 | 9.6 | 11.6 | 12.5 | 12.8 | 12.1 | 10.9 | 8.2 | 6.7 | 10.2 |
| EXCEEDED 50% OF TIME | 5.6 | 5.2 | 5.8 | 7.1 | 8.5 | 10.3 | 11.0 | 11.3 | 10.6 | 9.3 | 6.8 | 5.6 | 7.9 |
| EXCEEDED 75% OF TIME | 4.5 | 4.4 | 4.7 | 5.9 | 7.5 | 9.1 | 9.7 | 9.8 | 9.4 | 7.8 | 5.9 | 4.6 | 6.0 |
| EXCEEDED 90% OF TIME | 3.7 | 3.8 | 4.1 | 5.1 | 6.5 | 8.1 | 8.5 | 8.9 | 8.3 | 6.8 | 4.9 | 3.9 | 4.6 |
| EXCEEDED 95% OF TIME | 3.3 | 3.5 | 3.7 | 4.8 | 6.1 | 7.5 | 8.0 | 8.3 | 7.7 | 6.2 | 4.4 | 3.6 | 4.1 |
| EXCEEDED 99% OF TIME | 2.9 | 3.0 | 3.2 | 4.1 | 5.3 | 6.4 | 7.2 | 7.1 | 6.3 | 5.0 | 3.6 | 3.1 | 3.3 |
| EXTREME MINIMUM | 2.7 | 2.4 | 2.7 | 3.6 | 4.6 | 5.0 | 6.1 | 5.9 | 5.0 | 3.6 | 3.0 | 2.7 | 2.4 |

STANSTED AIRPORT

1961 - 70

N.G.R. 52/531226

ALTITUDE 101 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.0 | 13.2 | 12.6 | 15.0 | 18.1 | 20.2 | 23.9 | 20.8 | 21.0 | 18.2 | 15.1 | 13.8 | 23.9 |
| EXCEEDED 1% OF TIME | 11.9 | 11.8 | 11.4 | 13.3 | 15.6 | 18.0 | 20.0 | 19.5 | 18.8 | 17.2 | 13.8 | 13.1 | 18.1 |
| EXCEEDED 5% OF TIME | 10.7 | 10.5 | 10.4 | 11.9 | 14.0 | 16.4 | 18.0 | 17.6 | 17.3 | 15.7 | 12.3 | 11.1 | 16.0 |
| EXCEEDED 10% OF TIME | 9.8 | 9.7 | 9.6 | 11.2 | 13.1 | 15.6 | 17.0 | 17.0 | 16.3 | 14.9 | 11.6 | 9.9 | 14.8 |
| EXCEEDED 25% OF TIME | 8.4 | 8.0 | 8.3 | 9.8 | 11.6 | 14.1 | 15.4 | 15.4 | 14.6 | 13.3 | 10.1 | 8.3 | 12.4 |
| EXCEEDED 50% OF TIME | 6.7 | 6.5 | 6.9 | 8.4 | 10.0 | 12.2 | 13.4 | 13.6 | 12.7 | 11.1 | 8.3 | 6.7 | 9.7 |
| EXCEEDED 75% OF TIME | 5.5 | 5.4 | 5.7 | 7.0 | 8.7 | 10.7 | 11.7 | 11.9 | 11.1 | 9.4 | 7.0 | 5.6 | 7.2 |
| EXCEEDED 90% OF TIME | 4.5 | 4.5 | 4.8 | 5.9 | 7.7 | 9.2 | 10.4 | 10.5 | 9.9 | 8.1 | 5.8 | 4.6 | 5.6 |
| EXCEEDED 95% OF TIME | 3.8 | 4.2 | 4.4 | 5.3 | 7.2 | 8.5 | 9.7 | 9.7 | 9.2 | 7.4 | 5.3 | 4.1 | 4.9 |
| EXCEEDED 99% OF TIME | 2.8 | 3.5 | 3.6 | 4.4 | 6.3 | 7.4 | 8.7 | 8.7 | 7.6 | 5.9 | 4.4 | 3.4 | 3.8 |
| EXTREME MINIMUM | 2.1 | 2.7 | 3.0 | 3.5 | 4.7 | 5.8 | 7.4 | 7.6 | 6.0 | 3.7 | 3.4 | 2.8 | 2.1 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.9 | 10.1 | 9.6 | 11.1 | 13.4 | 14.7 | 17.4 | 15.4 | 15.2 | 13.4 | 11.4 | 10.5 | 17.4 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.7 | 10.1 | 11.7 | 13.5 | 14.7 | 14.3 | 14.0 | 12.9 | 10.5 | 10.0 | 13.4 |
| EXCEEDED 5% OF TIME | 8.2 | 8.0 | 8.0 | 9.0 | 10.5 | 12.3 | 13.4 | 13.1 | 12.9 | 11.8 | 9.3 | 8.5 | 12.0 |
| EXCEEDED 10% OF TIME | 7.6 | 7.5 | 7.4 | 8.6 | 9.9 | 11.7 | 12.7 | 12.7 | 12.2 | 11.2 | 8.9 | 7.6 | 11.1 |
| EXCEEDED 25% OF TIME | 6.6 | 6.2 | 6.4 | 7.5 | 8.8 | 10.6 | 11.5 | 11.6 | 11.0 | 10.1 | 7.8 | 6.5 | 9.4 |
| EXCEEDED 50% OF TIME | 5.3 | 5.1 | 5.4 | 6.5 | 7.6 | 9.2 | 10.1 | 10.2 | 9.6 | 8.5 | 6.4 | 5.3 | 7.4 |
| EXCEEDED 75% OF TIME | 4.4 | 4.3 | 4.5 | 5.4 | 6.7 | 8.1 | 8.9 | 9.0 | 8.5 | 7.2 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.6 | 3.8 | 4.6 | 6.0 | 7.0 | 7.8 | 8.0 | 7.5 | 6.2 | 4.6 | 3.7 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.3 | 3.5 | 4.2 | 5.5 | 6.5 | 7.3 | 7.4 | 7.0 | 5.8 | 4.1 | 3.3 | 3.9 |
| EXCEEDED 99% OF TIME | 2.3 | 2.8 | 2.9 | 3.5 | 4.8 | 5.6 | 6.6 | 6.5 | 5.9 | 4.6 | 3.5 | 2.8 | 3.0 |
| EXTREME MINIMUM | 1.7 | 2.1 | 2.4 | 2.7 | 3.6 | 4.5 | 5.5 | 5.7 | 4.6 | 2.9 | 2.7 | 2.3 | 1.7 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

WATTISHAM

N.G.R. 62/026514

ALTITUDE 89 METRES

1962 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.6 | 12.6 | 15.6 | 17.2 | 20.4 | 25.1 | 20.7 | 20.2 | 20.6 | 15.2 | 13.8 | 25.1 |
| EXCEEDED 1% OF TIME | 11.6 | 11.3 | 10.9 | 13.8 | 15.9 | 18.7 | 20.2 | 19.4 | 18.3 | 17.0 | 13.8 | 13.0 | 18.2 |
| EXCEEDED 5% OF TIME | 10.4 | 10.1 | 10.0 | 12.0 | 14.2 | 16.6 | 18.4 | 17.8 | 17.0 | 15.8 | 12.5 | 10.7 | 16.2 |
| EXCEEDED 10% OF TIME | 9.7 | 9.4 | 9.3 | 11.2 | 13.3 | 15.8 | 17.5 | 17.1 | 16.2 | 15.0 | 11.8 | 9.7 | 15.0 |
| EXCEEDED 25% OF TIME | 8.4 | 7.6 | 8.1 | 9.9 | 11.8 | 14.4 | 15.7 | 15.7 | 14.6 | 13.6 | 10.2 | 8.2 | 12.6 |
| EXCEEDED 50% OF TIME | 6.6 | 6.2 | 6.8 | 8.4 | 10.4 | 12.6 | 13.8 | 13.9 | 12.7 | 11.4 | 8.5 | 6.8 | 9.8 |
| EXCEEDED 75% OF TIME | 5.4 | 5.2 | 5.6 | 7.0 | 9.2 | 11.0 | 12.0 | 12.2 | 11.3 | 9.7 | 7.1 | 5.6 | 7.1 |
| EXCEEDED 90% OF TIME | 4.4 | 4.5 | 4.7 | 6.0 | 8.0 | 9.6 | 10.7 | 10.9 | 10.1 | 8.4 | 5.9 | 4.8 | 5.5 |
| EXCEEDED 95% OF TIME | 3.7 | 4.1 | 4.3 | 5.3 | 7.3 | 8.7 | 10.2 | 10.2 | 9.4 | 7.8 | 5.3 | 4.3 | 4.8 |
| EXCEEDED 99% OF TIME | 3.1 | 3.4 | 3.7 | 4.6 | 6.5 | 7.4 | 9.1 | 8.7 | 8.0 | 6.3 | 4.3 | 3.5 | 3.8 |
| EXTREME MINIMUM | 2.3 | 2.6 | 2.7 | 3.5 | 5.7 | 5.7 | 8.3 | 7.3 | 6.4 | 4.7 | 2.4 | 3.1 | 2.3 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.8 | 9.6 | 9.6 | 11.8 | 12.8 | 14.9 | 18.3 | 15.3 | 14.8 | 15.1 | 11.4 | 10.5 | 18.3 |
| EXCEEDED 1% OF TIME | 8.9 | 8.6 | 8.4 | 10.3 | 11.8 | 13.8 | 15.0 | 14.4 | 13.6 | 12.7 | 10.5 | 9.9 | 13.5 |
| EXCEEDED 5% OF TIME | 8.0 | 7.8 | 7.6 | 9.1 | 10.6 | 12.3 | 13.6 | 13.3 | 12.7 | 11.9 | 9.5 | 8.2 | 12.1 |
| EXCEEDED 10% OF TIME | 7.5 | 7.3 | 7.2 | 8.6 | 10.1 | 11.8 | 13.0 | 12.8 | 12.1 | 11.3 | 9.1 | 7.5 | 11.3 |
| EXCEEDED 25% OF TIME | 6.5 | 5.9 | 6.3 | 7.5 | 9.0 | 10.8 | 11.7 | 11.8 | 11.0 | 10.3 | 7.9 | 6.4 | 9.5 |
| EXCEEDED 50% OF TIME | 5.2 | 4.9 | 5.3 | 6.5 | 7.9 | 9.6 | 10.4 | 10.5 | 9.6 | 8.7 | 6.6 | 5.3 | 7.5 |
| EXCEEDED 75% OF TIME | 4.3 | 4.1 | 4.4 | 5.4 | 7.0 | 8.3 | 9.1 | 9.2 | 8.6 | 7.4 | 5.6 | 4.5 | 5.6 |
| EXCEEDED 90% OF TIME | 3.5 | 3.6 | 3.7 | 4.7 | 6.2 | 7.3 | 8.1 | 8.2 | 7.7 | 6.5 | 4.6 | 3.8 | 4.4 |
| EXCEEDED 95% OF TIME | 3.0 | 3.3 | 3.4 | 4.2 | 5.6 | 6.7 | 7.7 | 7.6 | 7.1 | 6.0 | 4.2 | 3.4 | 3.8 |
| EXCEEDED 99% OF TIME | 2.5 | 2.8 | 3.0 | 3.6 | 5.0 | 5.7 | 7.0 | 6.6 | 6.0 | 4.9 | 3.4 | 2.8 | 3.0 |
| EXTREME MINIMUM | 1.9 | 2.1 | 2.1 | 2.7 | 4.4 | 4.5 | 6.2 | 5.4 | 4.8 | 3.7 | 1.9 | 2.5 | 1.9 |

WITTERING

N.G.R. 53/043026

ALTITUDE 73 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.5 | 13.3 | 12.5 | 15.4 | 17.6 | 21.1 | 23.5 | 20.9 | 20.5 | 18.8 | 14.7 | 13.6 | 23.5 |
| EXCEEDED 1% OF TIME | 11.7 | 11.4 | 11.4 | 13.2 | 15.5 | 17.6 | 19.9 | 19.4 | 18.6 | 17.0 | 13.5 | 12.8 | 17.9 |
| EXCEEDED 5% OF TIME | 10.4 | 10.3 | 10.2 | 12.0 | 13.7 | 16.3 | 18.2 | 17.7 | 16.8 | 15.6 | 12.1 | 10.7 | 15.8 |
| EXCEEDED 10% OF TIME | 9.6 | 9.5 | 9.5 | 11.2 | 13.0 | 15.5 | 17.0 | 16.8 | 16.0 | 14.7 | 11.4 | 9.7 | 14.6 |
| EXCEEDED 25% OF TIME | 8.1 | 7.9 | 8.2 | 9.9 | 11.5 | 14.1 | 15.3 | 15.4 | 14.3 | 13.1 | 9.7 | 8.1 | 12.3 |
| EXCEEDED 50% OF TIME | 6.7 | 6.3 | 6.8 | 8.5 | 10.1 | 12.4 | 13.5 | 13.6 | 12.5 | 11.0 | 8.2 | 6.8 | 9.5 |
| EXCEEDED 75% OF TIME | 5.6 | 5.4 | 5.7 | 7.0 | 8.7 | 10.9 | 11.7 | 12.1 | 11.1 | 9.3 | 6.9 | 5.6 | 7.1 |
| EXCEEDED 90% OF TIME | 4.5 | 4.5 | 4.8 | 6.0 | 7.8 | 9.5 | 10.2 | 10.9 | 9.9 | 8.1 | 5.7 | 4.5 | 5.6 |
| EXCEEDED 95% OF TIME | 3.9 | 4.1 | 4.4 | 5.5 | 7.3 | 9.0 | 9.8 | 10.3 | 9.2 | 7.5 | 5.2 | 4.0 | 4.9 |
| EXCEEDED 99% OF TIME | 3.1 | 3.5 | 3.6 | 4.6 | 6.3 | 8.0 | 8.8 | 9.2 | 8.1 | 6.0 | 4.3 | 3.2 | 3.8 |
| EXTREME MINIMUM | 2.2 | 2.2 | 2.4 | 3.6 | 5.3 | 6.0 | 7.6 | 8.4 | 5.8 | 4.2 | 3.6 | 2.7 | 2.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.5 | 10.1 | 9.5 | 11.3 | 13.1 | 15.4 | 17.1 | 15.4 | 15.1 | 14.0 | 11.1 | 10.3 | 17.1 |
| EXCEEDED 1% OF TIME | 8.9 | 8.7 | 8.7 | 9.9 | 11.5 | 13.1 | 14.7 | 14.2 | 13.7 | 12.6 | 10.2 | 9.7 | 13.3 |
| EXCEEDED 5% OF TIME | 8.0 | 7.9 | 7.8 | 9.1 | 10.3 | 12.2 | 13.4 | 13.1 | 12.6 | 11.7 | 9.2 | 8.3 | 11.8 |
| EXCEEDED 10% OF TIME | 7.4 | 7.3 | 7.3 | 8.6 | 9.8 | 11.6 | 12.7 | 12.5 | 11.9 | 11.1 | 8.7 | 7.5 | 10.9 |
| EXCEEDED 25% OF TIME | 6.3 | 6.1 | 6.3 | 7.6 | 8.7 | 10.6 | 11.4 | 11.5 | 10.8 | 9.9 | 7.5 | 6.3 | 9.3 |
| EXCEEDED 50% OF TIME | 5.3 | 5.0 | 5.3 | 6.6 | 7.7 | 9.4 | 10.1 | 10.2 | 9.5 | 8.4 | 6.3 | 5.3 | 7.3 |
| EXCEEDED 75% OF TIME | 4.4 | 4.3 | 4.4 | 5.4 | 6.7 | 8.2 | 8.8 | 9.2 | 8.4 | 7.2 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.6 | 3.8 | 4.7 | 6.0 | 7.2 | 7.8 | 8.3 | 7.6 | 6.3 | 4.5 | 3.6 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.3 | 3.5 | 4.3 | 5.6 | 6.9 | 7.4 | 7.8 | 7.1 | 5.8 | 4.1 | 3.2 | 3.9 |
| EXCEEDED 99% OF TIME | 2.5 | 2.8 | 2.9 | 3.6 | 4.9 | 6.1 | 6.6 | 7.0 | 6.3 | 4.7 | 3.4 | 2.6 | 3.0 |
| EXTREME MINIMUM | 1.8 | 1.8 | 2.0 | 2.8 | 4.1 | 4.7 | 5.7 | 6.3 | 4.6 | 3.2 | 2.9 | 2.2 | 1.8 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

4 MIDLAND COUNTIES

ABINGDON

1961 - 70

N.G.R. 41/479991

ALTITUDE

69 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.1 | 13.2 | 12.0 | 15.0 | 17.4 | 20.5 | 23.3 | 20.6 | 20.7 | 18.9 | 15.0 | 14.2 | 23.3 |
| EXCEEDED 1% OF TIME | 11.9 | 11.8 | 11.3 | 12.9 | 16.3 | 17.9 | 20.0 | 18.9 | 18.8 | 17.0 | 14.1 | 13.1 | 18.0 |
| EXCEEDED 5% OF TIME | 10.7 | 10.7 | 10.5 | 11.9 | 13.9 | 16.3 | 18.0 | 17.6 | 17.0 | 15.6 | 12.4 | 11.4 | 16.0 |
| EXCEEDED 10% OF TIME | 10.0 | 10.0 | 9.9 | 11.3 | 12.9 | 15.7 | 16.9 | 16.8 | 16.2 | 14.8 | 11.7 | 10.3 | 14.7 |
| EXCEEDED 25% OF TIME | 8.5 | 8.1 | 8.6 | 10.1 | 11.7 | 14.1 | 15.4 | 15.3 | 14.5 | 13.1 | 10.0 | 8.4 | 12.4 |
| EXCEEDED 50% OF TIME | 6.9 | 6.5 | 7.0 | 8.6 | 10.0 | 12.4 | 13.4 | 13.6 | 12.7 | 11.2 | 8.2 | 6.8 | 9.8 |
| EXCEEDED 75% OF TIME | 5.6 | 5.3 | 5.6 | 6.9 | 8.7 | 10.9 | 11.9 | 12.0 | 11.1 | 9.3 | 6.9 | 5.5 | 7.2 |
| EXCEEDED 90% OF TIME | 4.3 | 4.5 | 4.7 | 5.9 | 7.7 | 9.6 | 10.4 | 10.6 | 9.9 | 8.0 | 5.7 | 4.4 | 5.6 |
| EXCEEDED 95% OF TIME | 3.6 | 4.0 | 4.3 | 5.4 | 7.1 | 8.9 | 9.8 | 10.0 | 9.1 | 7.3 | 5.1 | 3.8 | 4.8 |
| EXCEEDED 99% OF TIME | 2.8 | 3.5 | 3.6 | 4.5 | 6.0 | 7.8 | 8.8 | 8.7 | 8.0 | 5.9 | 4.2 | 3.2 | 3.7 |
| EXTREME MINIMUM | 1.6 | 2.6 | 2.8 | 3.3 | 5.2 | 5.8 | 7.7 | 7.1 | 6.3 | 5.0 | 3.7 | 2.3 | 1.6 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 10.0 | 9.2 | 11.1 | 12.8 | 15.0 | 17.0 | 15.3 | 15.3 | 13.9 | 11.3 | 10.7 | 17.0 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.6 | 9.8 | 12.0 | 13.3 | 14.7 | 14.1 | 13.9 | 12.6 | 10.7 | 9.9 | 13.3 |
| EXCEEDED 5% OF TIME | 8.2 | 8.2 | 8.1 | 9.1 | 10.4 | 12.2 | 13.3 | 13.1 | 12.6 | 11.7 | 9.4 | 8.7 | 11.9 |
| EXCEEDED 10% OF TIME | 7.7 | 7.7 | 7.6 | 8.6 | 9.8 | 11.7 | 12.6 | 12.5 | 12.1 | 11.2 | 8.9 | 7.9 | 11.1 |
| EXCEEDED 25% OF TIME | 6.6 | 6.3 | 6.6 | 7.7 | 8.8 | 10.6 | 11.5 | 11.5 | 10.9 | 9.9 | 7.7 | 6.6 | 9.4 |
| EXCEEDED 50% OF TIME | 5.4 | 5.0 | 5.4 | 6.6 | 7.6 | 9.3 | 10.1 | 10.2 | 9.6 | 8.5 | 6.3 | 5.3 | 7.5 |
| EXCEEDED 75% OF TIME | 4.4 | 4.2 | 4.4 | 5.4 | 6.7 | 8.2 | 8.9 | 9.0 | 8.4 | 7.2 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.5 | 3.5 | 3.7 | 4.7 | 5.9 | 7.2 | 7.9 | 8.1 | 7.5 | 6.2 | 4.5 | 3.5 | 4.4 |
| EXCEEDED 95% OF TIME | 2.9 | 3.2 | 3.4 | 4.2 | 5.4 | 6.8 | 7.4 | 7.6 | 7.0 | 5.7 | 4.0 | 3.1 | 3.8 |
| EXCEEDED 99% OF TIME | 2.3 | 2.8 | 2.9 | 3.6 | 4.7 | 6.0 | 6.7 | 6.6 | 6.1 | 4.6 | 3.4 | 2.5 | 2.9 |
| EXTREME MINIMUM | 1.3 | 2.1 | 2.3 | 2.5 | 4.0 | 4.6 | 5.9 | 5.3 | 5.0 | 3.9 | 3.0 | 1.9 | 1.3 |

BIRMINGHAM/EDGBASTON

1961 - 70

N.G.R. 42/046864

ALTITUDE

163 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 13.2 | 11.9 | 14.8 | 16.2 | 19.6 | 23.7 | 20.2 | 20.9 | 18.4 | 15.0 | 13.7 | 23.7 |
| EXCEEDED 1% OF TIME | 11.8 | 11.6 | 11.2 | 12.9 | 15.0 | 17.4 | 19.7 | 19.0 | 18.3 | 16.6 | 13.3 | 12.6 | 17.6 |
| EXCEEDED 5% OF TIME | 10.7 | 10.3 | 10.3 | 11.7 | 13.3 | 15.8 | 17.7 | 17.3 | 16.5 | 15.2 | 11.9 | 10.9 | 15.4 |
| EXCEEDED 10% OF TIME | 9.8 | 9.4 | 9.5 | 11.0 | 12.5 | 15.0 | 16.6 | 16.3 | 15.6 | 14.4 | 11.4 | 10.0 | 14.2 |
| EXCEEDED 25% OF TIME | 8.3 | 7.8 | 8.2 | 9.7 | 11.0 | 13.5 | 14.9 | 14.8 | 13.9 | 13.0 | 9.7 | 8.3 | 11.9 |
| EXCEEDED 50% OF TIME | 6.9 | 6.3 | 6.8 | 8.2 | 9.6 | 11.9 | 12.8 | 12.8 | 12.2 | 11.0 | 8.0 | 6.9 | 9.4 |
| EXCEEDED 75% OF TIME | 5.6 | 5.4 | 5.6 | 6.6 | 8.2 | 10.2 | 11.1 | 11.4 | 10.8 | 9.2 | 6.8 | 5.6 | 7.1 |
| EXCEEDED 90% OF TIME | 4.5 | 4.4 | 4.7 | 5.6 | 7.1 | 9.1 | 9.8 | 10.3 | 9.4 | 7.9 | 5.8 | 4.6 | 5.5 |
| EXCEEDED 95% OF TIME | 4.0 | 3.9 | 4.3 | 4.9 | 6.4 | 8.5 | 9.3 | 9.7 | 8.8 | 7.4 | 5.1 | 4.0 | 4.8 |
| EXCEEDED 99% OF TIME | 3.2 | 3.2 | 3.3 | 4.0 | 5.2 | 7.2 | 8.5 | 8.7 | 7.3 | 6.1 | 4.2 | 3.4 | 3.7 |
| EXTREME MINIMUM | 2.8 | 2.5 | 2.4 | 2.6 | 4.0 | 5.6 | 7.9 | 7.4 | 6.5 | 5.3 | 3.2 | 2.8 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 10.0 | 9.1 | 11.2 | 12.1 | 14.4 | 17.2 | 14.9 | 15.3 | 13.8 | 11.3 | 10.4 | 17.2 |
| EXCEEDED 1% OF TIME | 9.0 | 8.8 | 8.6 | 9.8 | 11.2 | 13.0 | 14.5 | 14.0 | 13.6 | 12.5 | 10.1 | 9.6 | 13.0 |
| EXCEEDED 5% OF TIME | 8.2 | 7.9 | 7.9 | 8.9 | 10.0 | 11.8 | 13.0 | 12.9 | 12.4 | 11.5 | 9.1 | 8.4 | 11.5 |
| EXCEEDED 10% OF TIME | 7.5 | 7.3 | 7.3 | 8.4 | 9.5 | 11.2 | 12.3 | 12.2 | 11.7 | 10.9 | 8.7 | 7.7 | 10.6 |
| EXCEEDED 25% OF TIME | 6.4 | 6.1 | 6.4 | 7.4 | 8.4 | 10.1 | 11.1 | 11.1 | 10.5 | 9.8 | 7.5 | 6.5 | 9.0 |
| EXCEEDED 50% OF TIME | 5.4 | 4.9 | 5.3 | 6.3 | 7.3 | 8.9 | 9.6 | 9.7 | 9.3 | 8.4 | 6.2 | 5.4 | 7.2 |
| EXCEEDED 75% OF TIME | 4.4 | 4.2 | 4.4 | 5.2 | 6.2 | 7.7 | 8.3 | 8.6 | 8.2 | 7.1 | 5.4 | 4.5 | 5.5 |
| EXCEEDED 90% OF TIME | 3.6 | 3.5 | 3.7 | 4.4 | 5.4 | 6.9 | 7.4 | 7.8 | 7.2 | 6.1 | 4.6 | 3.7 | 4.4 |
| EXCEEDED 95% OF TIME | 3.2 | 3.1 | 3.3 | 3.9 | 4.9 | 6.5 | 7.0 | 7.3 | 6.6 | 5.7 | 4.0 | 3.2 | 3.8 |
| EXCEEDED 99% OF TIME | 2.6 | 2.6 | 2.6 | 3.1 | 4.0 | 5.5 | 6.4 | 6.5 | 5.5 | 4.8 | 3.3 | 2.7 | 3.0 |
| EXTREME MINIMUM | 2.3 | 2.0 | 1.9 | 1.9 | 3.0 | 4.2 | 6.0 | 5.5 | 4.9 | 4.2 | 2.6 | 2.2 | 1.9 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

BIRMINGHAM/ELMDON AIRPORT

1961 - 70

N.G.R. 42/176839

ALTITUDE

96 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.9 | 14.6 | 15.2 | 17.0 | 19.9 | 25.5 | 21.1 | 19.9 | 17.9 | 15.1 | 14.0 | 25.5 |
| EXCEEDED 1% OF TIME | 11.6 | 11.6 | 11.8 | 12.8 | 15.1 | 17.2 | 19.6 | 18.8 | 18.1 | 16.6 | 13.3 | 12.7 | 17.5 |
| EXCEEDED 5% OF TIME | 10.5 | 10.2 | 10.4 | 11.6 | 13.4 | 15.9 | 17.4 | 17.2 | 16.5 | 15.2 | 11.9 | 11.1 | 15.4 |
| EXCEEDED 10% OF TIME | 9.6 | 9.5 | 9.7 | 11.0 | 12.4 | 15.1 | 16.4 | 16.2 | 15.7 | 14.3 | 11.3 | 9.9 | 14.2 |
| EXCEEDED 25% OF TIME | 8.2 | 7.9 | 8.3 | 9.8 | 11.2 | 13.6 | 14.7 | 14.8 | 14.0 | 12.6 | 9.6 | 8.2 | 11.9 |
| EXCEEDED 50% OF TIME | 6.8 | 6.2 | 6.8 | 8.2 | 9.7 | 12.0 | 12.7 | 12.9 | 12.1 | 10.8 | 7.9 | 6.7 | 9.4 |
| EXCEEDED 75% OF TIME | 5.5 | 5.2 | 5.5 | 6.6 | 8.4 | 10.4 | 11.2 | 11.4 | 10.7 | 8.9 | 6.7 | 5.4 | 7.0 |
| EXCEEDED 90% OF TIME | 4.4 | 4.4 | 4.7 | 5.6 | 7.3 | 9.2 | 9.8 | 10.3 | 9.4 | 7.6 | 5.5 | 4.3 | 5.5 |
| EXCEEDED 95% OF TIME | 3.7 | 4.0 | 4.2 | 5.1 | 6.5 | 8.6 | 9.3 | 9.7 | 8.7 | 7.1 | 4.9 | 3.8 | 4.7 |
| EXCEEDED 99% OF TIME | 2.6 | 3.4 | 3.4 | 4.2 | 5.5 | 7.4 | 8.1 | 8.6 | 7.6 | 5.5 | 4.1 | 3.0 | 3.5 |
| EXTREME MINIMUM | 1.6 | 2.4 | 1.9 | 3.3 | 4.2 | 5.6 | 6.4 | 7.0 | 5.8 | 4.5 | 3.1 | 1.8 | 1.6 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.8 | 11.0 | 11.4 | 12.7 | 14.6 | 18.5 | 15.5 | 14.8 | 13.4 | 11.4 | 10.6 | 18.5 |
| EXCEEDED 1% OF TIME | 8.8 | 8.8 | 8.9 | 9.7 | 11.2 | 12.9 | 14.5 | 14.0 | 13.4 | 12.3 | 10.1 | 9.6 | 13.0 |
| EXCEEDED 5% OF TIME | 8.0 | 7.9 | 8.0 | 8.8 | 10.1 | 11.9 | 13.0 | 12.8 | 12.3 | 11.4 | 9.0 | 8.5 | 11.5 |
| EXCEEDED 10% OF TIME | 7.4 | 7.3 | 7.5 | 8.4 | 9.4 | 11.3 | 12.3 | 12.1 | 11.8 | 10.8 | 8.7 | 7.6 | 10.6 |
| EXCEEDED 25% OF TIME | 6.4 | 6.1 | 6.4 | 7.5 | 8.5 | 10.3 | 11.0 | 11.1 | 10.5 | 9.6 | 7.4 | 6.4 | 9.0 |
| EXCEEDED 50% OF TIME | 5.3 | 4.9 | 5.3 | 6.4 | 7.4 | 9.0 | 9.5 | 9.8 | 9.2 | 8.2 | 6.1 | 5.3 | 7.2 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.4 | 5.2 | 6.4 | 7.9 | 8.4 | 8.7 | 8.2 | 6.8 | 5.3 | 4.3 | 5.4 |
| EXCEEDED 90% OF TIME | 3.5 | 3.5 | 3.7 | 4.4 | 5.6 | 6.9 | 7.4 | 7.8 | 7.1 | 5.9 | 4.4 | 3.4 | 4.3 |
| EXCEEDED 95% OF TIME | 3.0 | 3.2 | 3.3 | 4.0 | 5.0 | 6.6 | 7.0 | 7.3 | 6.7 | 5.5 | 3.9 | 3.0 | 3.8 |
| EXCEEDED 99% OF TIME | 2.1 | 2.8 | 2.7 | 3.3 | 4.4 | 5.6 | 6.2 | 6.6 | 5.7 | 4.4 | 3.2 | 2.5 | 2.8 |
| EXTREME MINIMUM | 1.3 | 2.0 | 1.5 | 2.5 | 3.2 | 4.4 | 5.0 | 5.5 | 4.6 | 3.6 | 2.5 | 1.5 | 1.3 |

FINNINGLEY

1961 - 70

N.G.R. 43/659989

ALTITUDE

10 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.7 | 12.1 | 15.8 | 17.2 | 21.4 | 23.5 | 22.9 | 19.6 | 19.0 | 15.2 | 13.4 | 23.5 |
| EXCEEDED 1% OF TIME | 12.0 | 11.2 | 11.3 | 13.4 | 15.1 | 18.4 | 20.5 | 20.0 | 18.7 | 16.8 | 13.5 | 12.1 | 18.2 |
| EXCEEDED 5% OF TIME | 10.4 | 10.0 | 10.2 | 11.9 | 13.6 | 16.4 | 18.2 | 18.0 | 16.7 | 15.3 | 12.0 | 10.5 | 15.9 |
| EXCEEDED 10% OF TIME | 9.5 | 9.1 | 9.5 | 11.2 | 12.9 | 15.5 | 17.1 | 17.0 | 15.8 | 14.5 | 11.2 | 9.5 | 14.6 |
| EXCEEDED 25% OF TIME | 8.1 | 7.8 | 8.2 | 9.9 | 11.4 | 14.1 | 15.2 | 15.5 | 14.4 | 12.8 | 9.7 | 8.2 | 12.3 |
| EXCEEDED 50% OF TIME | 6.8 | 6.5 | 7.0 | 8.4 | 10.1 | 12.5 | 13.4 | 13.5 | 12.6 | 11.0 | 8.1 | 6.9 | 9.6 |
| EXCEEDED 75% OF TIME | 5.7 | 5.5 | 5.9 | 7.1 | 8.8 | 10.8 | 11.8 | 12.0 | 11.1 | 9.3 | 6.9 | 5.7 | 7.2 |
| EXCEEDED 90% OF TIME | 4.6 | 4.7 | 5.0 | 6.0 | 7.9 | 9.7 | 10.6 | 11.0 | 10.0 | 8.1 | 5.8 | 4.6 | 5.7 |
| EXCEEDED 95% OF TIME | 4.1 | 4.1 | 4.4 | 5.5 | 7.3 | 9.2 | 9.9 | 10.2 | 9.5 | 7.6 | 5.2 | 4.1 | 5.0 |
| EXCEEDED 99% OF TIME | 3.2 | 3.4 | 3.6 | 4.4 | 6.2 | 8.1 | 9.2 | 9.3 | 8.5 | 5.8 | 4.3 | 3.4 | 3.9 |
| EXTREME MINIMUM | 1.9 | 2.6 | 2.7 | 3.5 | 5.4 | 6.1 | 8.6 | 8.4 | 6.9 | 4.5 | 3.7 | 2.6 | 1.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.8 | 9.6 | 9.2 | 11.7 | 12.9 | 15.7 | 17.2 | 16.7 | 14.4 | 13.9 | 11.4 | 10.1 | 17.2 |
| EXCEEDED 1% OF TIME | 9.1 | 8.6 | 8.6 | 10.1 | 11.2 | 13.5 | 15.0 | 14.7 | 13.8 | 12.5 | 10.2 | 9.2 | 13.5 |
| EXCEEDED 5% OF TIME | 8.0 | 7.7 | 7.8 | 9.0 | 10.2 | 12.2 | 13.4 | 13.3 | 12.5 | 11.5 | 9.1 | 8.1 | 11.9 |
| EXCEEDED 10% OF TIME | 7.4 | 7.0 | 7.2 | 8.5 | 9.8 | 11.6 | 12.7 | 12.7 | 11.8 | 10.9 | 8.6 | 7.3 | 10.9 |
| EXCEEDED 25% OF TIME | 6.3 | 6.0 | 6.3 | 7.6 | 8.7 | 10.6 | 11.4 | 11.6 | 10.8 | 9.8 | 7.4 | 6.4 | 9.3 |
| EXCEEDED 50% OF TIME | 5.3 | 5.1 | 5.4 | 6.5 | 7.7 | 9.4 | 10.0 | 10.1 | 9.5 | 8.4 | 6.3 | 5.4 | 7.4 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.6 | 5.5 | 6.7 | 8.2 | 8.9 | 9.1 | 8.5 | 7.1 | 5.4 | 4.5 | 5.6 |
| EXCEEDED 90% OF TIME | 3.7 | 3.7 | 3.9 | 4.7 | 6.0 | 7.4 | 8.0 | 8.3 | 7.6 | 6.3 | 4.6 | 3.7 | 4.5 |
| EXCEEDED 95% OF TIME | 3.3 | 3.3 | 3.5 | 4.3 | 5.6 | 7.0 | 7.5 | 7.8 | 7.2 | 5.9 | 4.1 | 3.2 | 3.9 |
| EXCEEDED 99% OF TIME | 2.6 | 2.7 | 2.8 | 3.5 | 4.8 | 6.2 | 7.0 | 7.1 | 6.4 | 4.5 | 3.4 | 2.7 | 3.1 |
| EXTREME MINIMUM | 1.6 | 2.1 | 2.2 | 2.8 | 4.2 | 4.8 | 6.4 | 6.5 | 5.4 | 3.5 | 3.0 | 2.1 | 1.6 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT.

GLOUCESTER
N.G.R. 32/851179

ALTITUDE 23 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.4 | 13.9 | 12.9 | 15.1 | 18.1 | 23.2 | 29.0 | 23.6 | 22.4 | 19.0 | 16.3 | 15.1 | 29.0 |
| EXCEEDED 1% OF TIME | 12.4 | 11.9 | 11.8 | 13.5 | 15.8 | 19.6 | 21.9 | 20.5 | 19.0 | 17.6 | 14.5 | 13.3 | 18.9 |
| EXCEEDED 5% OF TIME | 11.2 | 11.0 | 10.9 | 12.4 | 14.4 | 17.4 | 19.2 | 18.6 | 17.7 | 16.2 | 12.9 | 11.9 | 16.7 |
| EXCEEDED 10% OF TIME | 10.4 | 10.0 | 10.3 | 11.8 | 13.5 | 16.3 | 18.0 | 17.6 | 16.8 | 15.4 | 12.0 | 10.8 | 15.3 |
| EXCEEDED 25% OF TIME | 8.9 | 8.4 | 8.8 | 10.5 | 12.1 | 14.8 | 16.1 | 16.2 | 15.1 | 13.7 | 10.3 | 8.9 | 12.9 |
| EXCEEDED 50% OF TIME | 7.3 | 6.6 | 7.3 | 8.9 | 10.5 | 13.1 | 14.0 | 14.0 | 13.2 | 11.6 | 8.4 | 7.1 | 10.2 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 5.9 | 7.2 | 9.0 | 11.4 | 12.4 | 12.4 | 11.6 | 9.7 | 7.3 | 5.7 | 7.5 |
| EXCEEDED 90% OF TIME | 4.6 | 4.6 | 4.9 | 6.2 | 7.9 | 10.0 | 10.8 | 11.2 | 10.3 | 8.3 | 6.0 | 4.7 | 5.8 |
| EXCEEDED 95% OF TIME | 3.8 | 4.2 | 4.5 | 5.7 | 7.2 | 9.4 | 10.3 | 10.5 | 9.5 | 7.5 | 5.3 | 4.1 | 5.0 |
| EXCEEDED 99% OF TIME | 2.8 | 3.5 | 3.7 | 5.0 | 5.9 | 7.9 | 9.0 | 9.3 | 8.1 | 6.4 | 4.4 | 3.3 | 3.8 |
| EXTREME MINIMUM | 1.8 | 3.0 | 2.6 | 4.3 | 4.3 | 6.1 | 8.2 | 7.2 | 6.5 | 5.4 | 3.4 | 2.8 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.2 | 10.5 | 9.8 | 11.4 | 13.5 | 17.0 | 20.9 | 17.2 | 16.4 | 14.2 | 12.3 | 11.4 | 20.9 |
| EXCEEDED 1% OF TIME | 9.5 | 9.1 | 9.0 | 10.2 | 11.9 | 14.5 | 16.0 | 15.1 | 14.2 | 13.1 | 10.9 | 10.1 | 14.0 |
| EXCEEDED 5% OF TIME | 8.6 | 8.4 | 8.4 | 9.4 | 10.8 | 12.9 | 14.1 | 13.7 | 13.1 | 12.1 | 9.8 | 9.1 | 12.4 |
| EXCEEDED 10% OF TIME | 8.0 | 7.7 | 7.9 | 9.0 | 10.1 | 12.2 | 13.3 | 13.0 | 12.6 | 11.6 | 9.1 | 8.3 | 11.5 |
| EXCEEDED 25% OF TIME | 6.8 | 6.5 | 6.8 | 8.0 | 9.2 | 11.1 | 12.1 | 12.0 | 11.4 | 10.3 | 7.9 | 6.9 | 9.7 |
| EXCEEDED 50% OF TIME | 5.7 | 5.1 | 5.6 | 6.8 | 8.0 | 9.8 | 10.5 | 10.5 | 10.0 | 8.8 | 6.5 | 5.5 | 7.8 |
| EXCEEDED 75% OF TIME | 4.5 | 4.4 | 4.6 | 5.6 | 6.9 | 8.6 | 9.3 | 9.4 | 8.8 | 7.4 | 5.7 | 4.5 | 5.8 |
| EXCEEDED 90% OF TIME | 3.7 | 3.7 | 3.9 | 4.8 | 6.0 | 7.6 | 8.2 | 8.4 | 7.8 | 6.3 | 4.7 | 3.7 | 4.5 |
| EXCEEDED 95% OF TIME | 3.0 | 3.3 | 3.5 | 4.5 | 5.5 | 7.1 | 7.7 | 7.9 | 7.2 | 5.9 | 4.2 | 3.3 | 4.0 |
| EXCEEDED 99% OF TIME | 2.3 | 2.8 | 2.9 | 3.9 | 4.7 | 6.1 | 6.8 | 7.0 | 6.2 | 5.0 | 3.5 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.5 | 2.4 | 2.0 | 3.4 | 3.2 | 4.8 | 6.2 | 5.4 | 5.1 | 4.3 | 2.8 | 2.2 | 1.5 |

SHAWBURY
N.G.R. 33/553221

ALTITUDE 72 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.0 | 12.6 | 12.1 | 14.7 | 17.2 | 20.4 | 23.4 | 20.8 | 21.0 | 18.2 | 15.3 | 13.7 | 23.4 |
| EXCEEDED 1% OF TIME | 11.8 | 11.6 | 11.3 | 13.3 | 15.1 | 17.6 | 19.6 | 19.1 | 18.4 | 16.6 | 13.8 | 12.8 | 17.6 |
| EXCEEDED 5% OF TIME | 10.6 | 10.2 | 10.3 | 11.8 | 13.7 | 16.1 | 17.6 | 17.6 | 16.7 | 15.4 | 12.1 | 11.1 | 15.7 |
| EXCEEDED 10% OF TIME | 9.8 | 9.4 | 9.7 | 11.1 | 13.0 | 15.3 | 16.7 | 16.9 | 15.7 | 14.5 | 11.3 | 10.0 | 14.4 |
| EXCEEDED 25% OF TIME | 8.3 | 7.9 | 8.5 | 9.9 | 11.5 | 13.9 | 15.0 | 15.2 | 14.2 | 13.0 | 9.7 | 8.5 | 12.3 |
| EXCEEDED 50% OF TIME | 6.9 | 6.4 | 7.0 | 8.5 | 9.9 | 12.4 | 13.2 | 13.4 | 12.4 | 11.0 | 8.0 | 6.9 | 9.7 |
| EXCEEDED 75% OF TIME | 5.6 | 5.4 | 5.7 | 6.9 | 8.7 | 10.8 | 11.6 | 11.9 | 11.0 | 9.3 | 6.9 | 5.6 | 7.2 |
| EXCEEDED 90% OF TIME | 4.5 | 4.5 | 4.8 | 5.9 | 7.7 | 9.6 | 10.4 | 10.8 | 9.8 | 8.0 | 5.8 | 4.5 | 5.6 |
| EXCEEDED 95% OF TIME | 3.8 | 4.0 | 4.4 | 5.2 | 7.1 | 9.0 | 9.9 | 10.2 | 9.2 | 7.4 | 5.2 | 3.9 | 4.9 |
| EXCEEDED 99% OF TIME | 2.5 | 3.3 | 3.6 | 4.5 | 5.7 | 7.9 | 8.9 | 9.0 | 8.2 | 6.3 | 4.2 | 3.1 | 3.7 |
| EXTREME MINIMUM | 1.0 | 2.1 | 2.4 | 3.8 | 4.1 | 5.2 | 7.9 | 6.9 | 6.5 | 4.7 | 3.3 | 2.4 | 1.0 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.9 | 9.5 | 9.2 | 11.0 | 12.7 | 14.9 | 16.8 | 15.3 | 15.5 | 13.5 | 11.5 | 10.4 | 16.8 |
| EXCEEDED 1% OF TIME | 9.0 | 8.9 | 8.6 | 10.0 | 11.3 | 13.0 | 14.6 | 14.2 | 13.7 | 12.5 | 10.5 | 9.7 | 13.1 |
| EXCEEDED 5% OF TIME | 8.1 | 7.8 | 7.9 | 9.0 | 10.4 | 12.0 | 13.0 | 13.1 | 12.5 | 11.6 | 9.2 | 8.5 | 11.8 |
| EXCEEDED 10% OF TIME | 7.5 | 7.2 | 7.5 | 8.5 | 9.8 | 11.5 | 12.4 | 12.6 | 11.8 | 11.0 | 8.7 | 7.7 | 10.8 |
| EXCEEDED 25% OF TIME | 6.5 | 6.1 | 6.5 | 7.6 | 8.7 | 10.4 | 11.3 | 11.4 | 10.7 | 9.8 | 7.5 | 6.6 | 9.3 |
| EXCEEDED 50% OF TIME | 5.4 | 5.1 | 5.4 | 6.5 | 7.6 | 9.3 | 10.0 | 10.1 | 9.4 | 8.4 | 6.2 | 5.4 | 7.4 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.5 | 5.4 | 6.7 | 8.2 | 8.8 | 9.0 | 8.4 | 7.1 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.6 | 3.8 | 4.6 | 5.9 | 7.3 | 7.9 | 8.2 | 7.5 | 6.2 | 4.5 | 3.6 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.2 | 3.5 | 4.1 | 5.6 | 6.9 | 7.5 | 7.8 | 7.0 | 5.8 | 4.1 | 3.1 | 3.8 |
| EXCEEDED 99% OF TIME | 2.1 | 2.7 | 2.9 | 3.6 | 4.4 | 6.1 | 6.9 | 6.9 | 6.3 | 4.9 | 3.4 | 2.5 | 3.0 |
| EXTREME MINIMUM | 0.8 | 1.7 | 2.0 | 3.0 | 3.1 | 3.9 | 6.1 | 5.4 | 5.1 | 3.8 | 2.7 | 2.0 | 0.8 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

WATNALL

1961 - 70

N.G.R. 43/503456

ALTITUDE 119METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 13.2 | 12.1 | 17.6 | 17.2 | 23.6 | 24.4 | 21.7 | 20.3 | 18.1 | 14.7 | 13.6 | 24.4 |
| EXCEEDED 1% OF TIME | 11.9 | 11.3 | 11.2 | 13.3 | 14.9 | 17.7 | 20.0 | 19.5 | 18.3 | 16.7 | 13.5 | 12.4 | 17.8 |
| EXCEEDED 5% OF TIME | 10.4 | 10.2 | 10.2 | 11.9 | 13.5 | 16.1 | 17.8 | 17.8 | 16.7 | 15.4 | 11.8 | 10.8 | 15.8 |
| EXCEEDED 10% OF TIME | 9.6 | 9.3 | 9.5 | 11.1 | 12.6 | 15.4 | 16.8 | 16.8 | 15.8 | 14.5 | 11.2 | 9.6 | 14.5 |
| EXCEEDED 25% OF TIME | 8.1 | 7.8 | 8.3 | 9.9 | 11.4 | 13.8 | 15.1 | 15.4 | 14.3 | 12.9 | 9.7 | 8.2 | 12.3 |
| EXCEEDED 50% OF TIME | 6.8 | 6.4 | 6.9 | 8.4 | 10.0 | 12.4 | 13.2 | 13.4 | 12.7 | 11.1 | 8.1 | 6.9 | 9.6 |
| EXCEEDED 75% OF TIME | 5.7 | 5.5 | 5.7 | 6.9 | 8.6 | 10.7 | 11.6 | 12.0 | 11.2 | 9.3 | 6.9 | 5.6 | 7.1 |
| EXCEEDED 90% OF TIME | 4.5 | 4.7 | 4.8 | 5.9 | 7.7 | 9.5 | 10.4 | 11.0 | 10.0 | 8.2 | 5.8 | 4.6 | 5.7 |
| EXCEEDED 95% OF TIME | 4.0 | 4.1 | 4.5 | 5.4 | 7.0 | 8.8 | 9.9 | 10.5 | 9.5 | 7.6 | 5.2 | 4.0 | 4.9 |
| EXCEEDED 99% OF TIME | 3.0 | 3.5 | 3.8 | 4.4 | 6.1 | 7.7 | 9.0 | 9.5 | 8.4 | 5.7 | 4.2 | 3.4 | 3.9 |
| EXTREME MINIMUM | 1.4 | 2.1 | 2.7 | 3.3 | 5.1 | 5.9 | 7.4 | 8.2 | 7.1 | 4.9 | 3.2 | 2.9 | 1.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 10.0 | 9.2 | 13.0 | 12.9 | 17.1 | 17.7 | 15.9 | 15.0 | 13.5 | 11.1 | 10.3 | 17.7 |
| EXCEEDED 1% OF TIME | 9.1 | 8.7 | 8.6 | 10.1 | 11.1 | 13.1 | 14.7 | 14.3 | 13.5 | 12.4 | 10.3 | 9.5 | 13.3 |
| EXCEEDED 5% OF TIME | 8.0 | 7.8 | 7.8 | 9.0 | 10.2 | 11.9 | 13.2 | 13.2 | 12.5 | 11.6 | 9.0 | 8.3 | 11.8 |
| EXCEEDED 10% OF TIME | 7.4 | 7.2 | 7.3 | 8.5 | 9.5 | 11.5 | 12.5 | 12.6 | 11.8 | 10.9 | 8.6 | 7.4 | 10.9 |
| EXCEEDED 25% OF TIME | 6.3 | 6.1 | 6.4 | 7.6 | 8.7 | 10.4 | 11.4 | 11.6 | 10.8 | 9.8 | 7.5 | 6.4 | 9.3 |
| EXCEEDED 50% OF TIME | 5.3 | 5.1 | 5.4 | 6.5 | 7.6 | 9.3 | 9.9 | 10.2 | 9.6 | 8.5 | 6.3 | 5.4 | 7.4 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.5 | 5.4 | 6.7 | 8.1 | 8.8 | 9.1 | 8.5 | 7.1 | 5.4 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.6 | 3.7 | 3.8 | 4.6 | 5.9 | 7.2 | 8.0 | 8.4 | 7.7 | 6.4 | 4.5 | 3.7 | 4.5 |
| EXCEEDED 95% OF TIME | 3.2 | 3.3 | 3.5 | 4.2 | 5.5 | 6.7 | 7.5 | 8.0 | 7.3 | 5.9 | 4.1 | 3.2 | 3.9 |
| EXCEEDED 99% OF TIME | 2.5 | 2.8 | 3.0 | 3.4 | 4.7 | 5.8 | 6.8 | 7.3 | 6.5 | 4.5 | 3.4 | 2.7 | 3.1 |
| EXTREME MINIMUM | 1.1 | 1.7 | 2.2 | 2.6 | 4.0 | 4.7 | 5.5 | 6.4 | 5.5 | 3.9 | 2.6 | 2.3 | 1.1 |

S ENGLAND SOUTH EAST & CENTRAL SOUTHERN
BOSCOMBE DOWN

1961 - 70

N.G.R. 41/172403

ALTITUDE 126METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.5 | 13.0 | 12.1 | 14.1 | 17.0 | 19.8 | 23.5 | 21.6 | 21.7 | 19.4 | 15.8 | 14.4 | 23.5 |
| EXCEEDED 1% OF TIME | 12.0 | 12.1 | 11.5 | 13.0 | 15.6 | 18.2 | 20.0 | 19.1 | 18.7 | 17.0 | 14.1 | 13.2 | 18.2 |
| EXCEEDED 5% OF TIME | 11.0 | 10.9 | 10.8 | 12.0 | 13.8 | 16.5 | 18.2 | 17.8 | 17.2 | 16.0 | 12.7 | 11.8 | 16.1 |
| EXCEEDED 10% OF TIME | 10.3 | 10.2 | 10.1 | 11.5 | 13.1 | 15.6 | 17.1 | 16.9 | 16.4 | 15.2 | 11.9 | 10.7 | 14.9 |
| EXCEEDED 25% OF TIME | 8.9 | 8.3 | 8.8 | 10.3 | 11.8 | 14.1 | 15.6 | 15.4 | 14.8 | 13.4 | 10.2 | 8.8 | 12.6 |
| EXCEEDED 50% OF TIME | 7.0 | 6.5 | 7.2 | 8.7 | 10.2 | 12.6 | 13.6 | 13.8 | 12.9 | 11.3 | 8.3 | 6.9 | 9.9 |
| EXCEEDED 75% OF TIME | 5.5 | 5.3 | 5.7 | 7.1 | 8.8 | 11.0 | 12.0 | 12.1 | 11.4 | 9.4 | 6.9 | 5.6 | 7.4 |
| EXCEEDED 90% OF TIME | 4.3 | 4.4 | 4.6 | 5.9 | 7.8 | 9.6 | 10.6 | 10.8 | 10.1 | 8.1 | 5.8 | 4.6 | 5.6 |
| EXCEEDED 95% OF TIME | 3.7 | 3.9 | 4.3 | 5.4 | 7.1 | 8.9 | 9.9 | 10.2 | 9.2 | 7.5 | 5.1 | 4.0 | 4.8 |
| EXCEEDED 99% OF TIME | 2.9 | 3.4 | 3.6 | 4.7 | 5.7 | 7.6 | 8.8 | 9.0 | 8.3 | 6.2 | 4.1 | 3.3 | 3.7 |
| EXTREME MINIMUM | 2.2 | 3.1 | 2.6 | 4.0 | 5.1 | 5.8 | 7.4 | 7.4 | 6.3 | 5.3 | 3.7 | 2.8 | 2.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.3 | 9.9 | 9.3 | 10.7 | 12.7 | 14.5 | 17.2 | 16.0 | 15.7 | 14.3 | 11.9 | 10.9 | 17.2 |
| EXCEEDED 1% OF TIME | 9.2 | 9.2 | 8.7 | 9.9 | 11.7 | 13.5 | 14.7 | 14.1 | 13.9 | 12.8 | 10.7 | 10.0 | 13.5 |
| EXCEEDED 5% OF TIME | 8.4 | 8.4 | 8.2 | 9.2 | 10.4 | 12.3 | 13.5 | 13.3 | 12.9 | 12.0 | 9.7 | 9.0 | 12.1 |
| EXCEEDED 10% OF TIME | 8.0 | 7.8 | 7.8 | 8.8 | 9.9 | 11.7 | 12.8 | 12.6 | 12.3 | 11.4 | 9.1 | 8.2 | 11.2 |
| EXCEEDED 25% OF TIME | 6.9 | 6.5 | 6.8 | 7.9 | 9.0 | 10.6 | 11.7 | 11.6 | 11.1 | 10.2 | 7.8 | 6.8 | 9.5 |
| EXCEEDED 50% OF TIME | 5.5 | 5.1 | 5.6 | 6.7 | 7.8 | 9.5 | 10.2 | 10.4 | 9.8 | 8.7 | 6.4 | 5.4 | 7.6 |
| EXCEEDED 75% OF TIME | 4.4 | 4.2 | 4.5 | 5.5 | 6.8 | 8.3 | 9.1 | 9.2 | 8.6 | 7.2 | 5.4 | 4.4 | 5.7 |
| EXCEEDED 90% OF TIME | 3.4 | 3.5 | 3.6 | 4.6 | 6.0 | 7.3 | 8.0 | 8.2 | 7.7 | 6.3 | 4.6 | 3.7 | 4.4 |
| EXCEEDED 95% OF TIME | 3.0 | 3.1 | 3.4 | 4.3 | 5.5 | 6.8 | 7.5 | 7.7 | 7.1 | 5.8 | 4.1 | 3.2 | 3.8 |
| EXCEEDED 99% OF TIME | 2.4 | 2.8 | 2.9 | 3.6 | 4.4 | 5.8 | 6.7 | 6.9 | 6.4 | 4.9 | 3.3 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.8 | 2.5 | 2.1 | 3.1 | 4.0 | 4.6 | 5.5 | 5.5 | 4.9 | 4.2 | 3.0 | 2.3 | 1.8 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

DUNGENESS

1961 - 70

N.G.R. 61/091171

ALTITUDE 3 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.5 | 12.0 | 12.0 | 14.7 | 16.3 | 19.4 | 28.7 | 21.6 | 22.0 | 19.8 | 16.5 | 14.0 | 28.7 |
| EXCEEDED 1% OF TIME | 11.3 | 11.2 | 11.1 | 12.4 | 14.7 | 18.0 | 20.7 | 20.0 | 19.8 | 18.4 | 15.3 | 12.9 | 19.0 |
| EXCEEDED 5% OF TIME | 10.7 | 10.5 | 10.3 | 11.6 | 13.6 | 16.6 | 18.6 | 18.9 | 18.7 | 17.2 | 13.8 | 11.8 | 17.4 |
| EXCEEDED 10% OF TIME | 10.3 | 10.0 | 9.9 | 11.2 | 13.0 | 15.9 | 18.0 | 18.3 | 18.2 | 16.5 | 13.1 | 11.0 | 16.4 |
| EXCEEDED 25% OF TIME | 9.3 | 8.9 | 9.1 | 10.4 | 12.1 | 14.8 | 16.7 | 17.3 | 16.8 | 15.0 | 11.6 | 9.1 | 14.0 |
| EXCEEDED 50% OF TIME | 7.5 | 6.9 | 7.8 | 9.4 | 11.2 | 13.7 | 15.3 | 15.9 | 15.0 | 12.9 | 9.3 | 7.5 | 10.6 |
| EXCEEDED 75% OF TIME | 5.9 | 5.7 | 6.3 | 7.9 | 10.1 | 12.3 | 13.8 | 13.9 | 13.0 | 10.5 | 7.8 | 5.9 | 8.0 |
| EXCEEDED 90% OF TIME | 4.8 | 4.8 | 5.3 | 6.8 | 8.8 | 10.8 | 12.2 | 12.4 | 11.0 | 8.8 | 6.4 | 4.9 | 6.0 |
| EXCEEDED 95% OF TIME | 4.1 | 4.5 | 4.9 | 6.3 | 8.1 | 9.9 | 11.3 | 11.5 | 10.0 | 7.9 | 5.6 | 4.5 | 5.3 |
| EXCEEDED 99% OF TIME | 3.5 | 3.8 | 4.3 | 5.3 | 6.8 | 8.2 | 9.9 | 9.9 | 8.6 | 6.5 | 4.8 | 3.8 | 4.2 |
| EXTREME MINIMUM | 2.9 | 3.1 | 1.0 | 4.6 | 5.7 | 5.8 | 8.5 | 8.8 | 7.3 | 5.5 | 3.9 | 3.3 | 1.0 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.5 | 9.2 | 9.1 | 11.1 | 12.2 | 14.4 | 20.9 | 15.9 | 16.2 | 14.8 | 12.4 | 10.6 | 20.9 |
| EXCEEDED 1% OF TIME | 8.7 | 8.6 | 8.5 | 9.4 | 11.1 | 13.4 | 15.3 | 14.8 | 14.7 | 13.7 | 11.5 | 9.9 | 14.1 |
| EXCEEDED 5% OF TIME | 8.2 | 8.1 | 7.9 | 8.9 | 10.2 | 12.4 | 13.9 | 14.0 | 13.9 | 12.9 | 10.4 | 9.0 | 13.0 |
| EXCEEDED 10% OF TIME | 7.9 | 7.7 | 7.6 | 8.6 | 9.8 | 11.9 | 13.3 | 13.6 | 13.5 | 12.3 | 9.9 | 8.4 | 12.3 |
| EXCEEDED 25% OF TIME | 7.2 | 6.9 | 7.0 | 8.0 | 9.2 | 11.1 | 12.5 | 12.9 | 12.5 | 11.3 | 8.9 | 7.1 | 10.5 |
| EXCEEDED 50% OF TIME | 5.8 | 5.4 | 6.1 | 7.3 | 8.5 | 10.4 | 11.5 | 11.9 | 11.3 | 9.8 | 7.1 | 5.8 | 8.1 |
| EXCEEDED 75% OF TIME | 4.6 | 4.5 | 4.9 | 6.1 | 7.7 | 9.3 | 10.4 | 10.4 | 9.8 | 8.0 | 6.0 | 4.6 | 6.2 |
| EXCEEDED 90% OF TIME | 3.8 | 3.8 | 4.2 | 5.3 | 6.8 | 8.2 | 9.2 | 9.4 | 8.4 | 6.8 | 5.0 | 3.9 | 4.7 |
| EXCEEDED 95% OF TIME | 3.3 | 3.5 | 3.9 | 4.9 | 6.2 | 7.5 | 8.6 | 8.7 | 7.6 | 6.1 | 4.4 | 3.6 | 4.2 |
| EXCEEDED 99% OF TIME | 2.8 | 3.1 | 3.4 | 4.2 | 5.3 | 6.3 | 7.5 | 7.6 | 6.6 | 5.1 | 3.8 | 3.1 | 3.3 |
| EXTREME MINIMUM | 2.4 | 2.5 | 0.8 | 3.6 | 4.5 | 4.6 | 6.5 | 6.7 | 5.7 | 4.3 | 3.1 | 2.6 | 0.8 |

GATWICK AIRPORT

1961 - 70

N.G.R. 51/265407

ALTITUDE 59 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.9 | 12.9 | 12.1 | 15.1 | 17.0 | 20.5 | 23.1 | 21.4 | 21.2 | 20.0 | 15.8 | 14.5 | 23.1 |
| EXCEEDED 1% OF TIME | 11.9 | 12.0 | 11.6 | 13.4 | 15.8 | 18.9 | 20.4 | 19.5 | 19.9 | 17.4 | 14.6 | 13.4 | 18.6 |
| EXCEEDED 5% OF TIME | 11.0 | 11.0 | 10.8 | 12.4 | 14.2 | 16.7 | 18.6 | 18.3 | 18.0 | 16.3 | 13.1 | 11.8 | 16.6 |
| EXCEEDED 10% OF TIME | 10.3 | 10.2 | 10.3 | 11.8 | 13.4 | 16.0 | 17.7 | 17.5 | 17.0 | 15.3 | 12.3 | 10.9 | 15.4 |
| EXCEEDED 25% OF TIME | 8.9 | 8.4 | 8.7 | 10.5 | 12.0 | 14.5 | 16.1 | 16.1 | 15.3 | 13.6 | 10.5 | 8.8 | 12.9 |
| EXCEEDED 50% OF TIME | 6.9 | 6.5 | 7.2 | 8.9 | 10.4 | 12.9 | 14.0 | 14.4 | 13.3 | 11.5 | 8.5 | 6.9 | 10.1 |
| EXCEEDED 75% OF TIME | 5.5 | 5.3 | 5.7 | 7.1 | 9.0 | 11.1 | 12.3 | 12.5 | 11.6 | 9.5 | 6.9 | 5.4 | 7.4 |
| EXCEEDED 90% OF TIME | 4.3 | 4.3 | 4.8 | 6.0 | 7.9 | 9.8 | 10.9 | 11.2 | 9.9 | 8.1 | 5.7 | 4.4 | 5.5 |
| EXCEEDED 95% OF TIME | 3.7 | 4.0 | 4.3 | 5.4 | 7.3 | 8.9 | 10.1 | 10.4 | 9.2 | 7.2 | 5.1 | 3.8 | 4.8 |
| EXCEEDED 99% OF TIME | 2.7 | 3.4 | 3.6 | 4.5 | 6.1 | 7.5 | 9.0 | 9.1 | 7.6 | 5.9 | 4.0 | 3.1 | 3.6 |
| EXTREME MINIMUM | 1.8 | 2.3 | 3.0 | 4.2 | 4.0 | 5.7 | 8.4 | 7.8 | 6.0 | 5.0 | 3.2 | 2.5 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.8 | 9.8 | 9.3 | 11.2 | 12.6 | 15.1 | 16.8 | 15.8 | 15.6 | 14.7 | 11.9 | 11.0 | 16.8 |
| EXCEEDED 1% OF TIME | 9.1 | 9.2 | 8.9 | 10.1 | 11.7 | 13.9 | 15.1 | 14.4 | 14.5 | 12.9 | 11.1 | 10.2 | 13.8 |
| EXCEEDED 5% OF TIME | 8.5 | 8.4 | 8.3 | 9.4 | 10.7 | 12.5 | 13.7 | 13.6 | 13.4 | 12.2 | 10.0 | 9.0 | 12.4 |
| EXCEEDED 10% OF TIME | 7.9 | 7.8 | 7.9 | 9.0 | 10.1 | 12.0 | 13.1 | 13.1 | 12.6 | 11.5 | 9.3 | 8.4 | 11.5 |
| EXCEEDED 25% OF TIME | 6.9 | 6.5 | 6.8 | 8.0 | 9.1 | 10.9 | 12.0 | 12.1 | 11.5 | 10.3 | 8.0 | 6.8 | 9.8 |
| EXCEEDED 50% OF TIME | 5.4 | 5.1 | 5.6 | 6.8 | 8.0 | 9.7 | 10.5 | 10.8 | 10.1 | 8.8 | 6.5 | 5.4 | 7.7 |
| EXCEEDED 75% OF TIME | 4.4 | 4.2 | 4.5 | 5.5 | 6.9 | 8.4 | 9.2 | 9.4 | 8.8 | 7.3 | 5.4 | 4.3 | 5.7 |
| EXCEEDED 90% OF TIME | 3.4 | 3.5 | 3.8 | 4.7 | 6.1 | 7.4 | 8.3 | 8.5 | 7.6 | 6.3 | 4.5 | 3.5 | 4.4 |
| EXCEEDED 95% OF TIME | 3.0 | 3.2 | 3.4 | 4.3 | 5.6 | 6.8 | 7.6 | 8.0 | 7.0 | 5.6 | 4.0 | 3.1 | 3.8 |
| EXCEEDED 99% OF TIME | 2.2 | 2.8 | 2.9 | 3.6 | 4.7 | 5.7 | 6.8 | 6.9 | 6.0 | 4.7 | 3.2 | 2.5 | 2.9 |
| EXTREME MINIMUM | 1.5 | 1.9 | 2.3 | 3.4 | 3.1 | 4.5 | 6.3 | 5.9 | 4.8 | 3.9 | 2.6 | 2.1 | 1.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

KEW

1961 - 70

N.G.R. 51/171757

ALTITUDE 6 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.6 | 12.3 | 15.1 | 16.6 | 20.8 | 22.9 | 21.7 | 21.1 | 18.6 | 22.6 | 13.8 | 22.9 |
| EXCEEDED 1% OF TIME | 11.9 | 11.8 | 11.2 | 13.2 | 15.6 | 17.9 | 20.3 | 19.5 | 18.8 | 17.3 | 14.0 | 13.0 | 18.2 |
| EXCEEDED 5% OF TIME | 10.8 | 10.5 | 10.4 | 12.0 | 13.8 | 16.3 | 18.2 | 17.9 | 17.5 | 15.9 | 12.7 | 11.5 | 16.2 |
| EXCEEDED 10% OF TIME | 10.2 | 9.9 | 9.9 | 11.3 | 13.1 | 15.5 | 17.1 | 17.1 | 16.6 | 15.1 | 11.9 | 10.4 | 14.9 |
| EXCEEDED 25% OF TIME | 8.7 | 8.1 | 8.5 | 10.0 | 11.6 | 14.0 | 15.6 | 15.7 | 14.8 | 13.5 | 10.2 | 8.5 | 12.5 |
| EXCEEDED 50% OF TIME | 6.9 | 6.3 | 6.9 | 8.5 | 10.0 | 12.4 | 13.5 | 13.9 | 13.1 | 11.2 | 8.3 | 6.9 | 9.7 |
| EXCEEDED 75% OF TIME | 5.5 | 5.2 | 5.5 | 6.9 | 8.7 | 10.5 | 11.7 | 12.1 | 11.3 | 9.5 | 7.1 | 5.6 | 7.2 |
| EXCEEDED 90% OF TIME | 4.3 | 4.4 | 4.7 | 5.8 | 7.5 | 9.2 | 10.3 | 10.8 | 10.0 | 8.0 | 5.9 | 4.7 | 5.5 |
| EXCEEDED 95% OF TIME | 3.9 | 4.0 | 4.1 | 5.3 | 6.8 | 8.5 | 9.5 | 10.1 | 9.2 | 7.3 | 5.2 | 4.2 | 4.8 |
| EXCEEDED 99% OF TIME | 3.2 | 3.6 | 3.6 | 4.4 | 5.6 | 7.1 | 8.3 | 9.1 | 7.9 | 6.2 | 4.3 | 3.5 | 3.8 |
| EXTREME MINIMUM | 2.1 | 2.3 | 2.7 | 3.8 | 4.1 | 5.6 | 6.8 | 7.7 | 6.0 | 4.5 | 3.2 | 2.9 | 2.1 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.7 | 9.6 | 9.4 | 11.1 | 12.4 | 15.4 | 16.6 | 15.9 | 15.6 | 13.6 | 17.0 | 10.5 | 17.0 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.6 | 10.0 | 11.6 | 13.4 | 15.0 | 14.4 | 13.9 | 12.9 | 10.6 | 9.8 | 13.5 |
| EXCEEDED 5% OF TIME | 8.3 | 8.1 | 7.9 | 9.1 | 10.4 | 12.1 | 13.4 | 13.2 | 13.1 | 12.0 | 9.6 | 8.8 | 12.1 |
| EXCEEDED 10% OF TIME | 7.9 | 7.6 | 7.5 | 8.6 | 9.8 | 11.5 | 12.7 | 12.7 | 12.4 | 11.4 | 9.1 | 7.9 | 11.2 |
| EXCEEDED 25% OF TIME | 6.7 | 6.3 | 6.5 | 7.7 | 8.8 | 10.5 | 11.6 | 11.7 | 11.1 | 10.2 | 7.8 | 6.6 | 9.4 |
| EXCEEDED 50% OF TIME | 5.4 | 5.0 | 5.4 | 6.5 | 7.6 | 9.3 | 10.1 | 10.4 | 9.8 | 8.6 | 6.4 | 5.4 | 7.5 |
| EXCEEDED 75% OF TIME | 4.4 | 4.1 | 4.3 | 5.3 | 6.6 | 7.9 | 8.8 | 9.1 | 8.6 | 7.3 | 5.5 | 4.4 | 5.6 |
| EXCEEDED 90% OF TIME | 3.5 | 3.5 | 3.7 | 4.5 | 5.7 | 6.9 | 7.8 | 8.1 | 7.6 | 6.2 | 4.6 | 3.7 | 4.4 |
| EXCEEDED 95% OF TIME | 3.1 | 3.2 | 3.2 | 4.1 | 5.2 | 6.4 | 7.1 | 7.7 | 7.1 | 5.7 | 4.1 | 3.3 | 3.8 |
| EXCEEDED 99% OF TIME | 2.6 | 2.8 | 2.8 | 3.4 | 4.4 | 5.3 | 6.2 | 6.8 | 6.0 | 4.8 | 3.4 | 2.8 | 3.0 |
| EXTREME MINIMUM | 1.7 | 1.9 | 2.1 | 2.9 | 3.2 | 4.3 | 5.0 | 5.7 | 4.6 | 3.5 | 2.5 | 2.3 | 1.7 |

LONDON/HEATHROW AIRPORT

1961 - 70

N.G.R. 51/077767

ALTITUDE 25 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.1 | 13.1 | 12.1 | 15.0 | 16.8 | 21.4 | 23.2 | 21.2 | 21.6 | 20.3 | 15.4 | 14.3 | 23.2 |
| EXCEEDED 1% OF TIME | 12.0 | 11.8 | 11.6 | 13.5 | 15.7 | 17.6 | 20.3 | 19.7 | 18.8 | 17.3 | 14.0 | 13.4 | 18.2 |
| EXCEEDED 5% OF TIME | 10.8 | 10.8 | 10.7 | 12.2 | 13.9 | 16.4 | 18.1 | 18.0 | 17.6 | 15.9 | 12.8 | 11.5 | 16.2 |
| EXCEEDED 10% OF TIME | 10.2 | 10.0 | 10.0 | 11.5 | 13.2 | 15.6 | 17.2 | 17.1 | 16.7 | 15.2 | 12.0 | 10.5 | 15.0 |
| EXCEEDED 25% OF TIME | 8.7 | 8.3 | 8.6 | 10.3 | 11.8 | 14.0 | 15.6 | 15.8 | 14.9 | 13.6 | 10.4 | 8.7 | 12.6 |
| EXCEEDED 50% OF TIME | 7.0 | 6.6 | 7.2 | 8.7 | 10.2 | 12.4 | 13.6 | 14.0 | 13.1 | 11.5 | 8.5 | 7.1 | 10.0 |
| EXCEEDED 75% OF TIME | 5.6 | 5.5 | 5.8 | 7.3 | 8.9 | 10.8 | 11.9 | 12.4 | 11.6 | 9.6 | 7.2 | 5.7 | 7.5 |
| EXCEEDED 90% OF TIME | 4.5 | 4.6 | 4.8 | 6.2 | 7.9 | 9.6 | 10.6 | 11.2 | 10.2 | 8.4 | 6.0 | 4.7 | 5.7 |
| EXCEEDED 95% OF TIME | 4.0 | 4.2 | 4.4 | 5.6 | 7.2 | 9.0 | 9.8 | 10.6 | 9.6 | 7.6 | 5.3 | 4.3 | 4.9 |
| EXCEEDED 99% OF TIME | 3.0 | 3.6 | 3.9 | 4.7 | 6.4 | 7.8 | 8.8 | 9.4 | 8.1 | 6.2 | 4.4 | 3.6 | 3.9 |
| EXTREME MINIMUM | 2.2 | 2.5 | 2.7 | 4.0 | 4.7 | 6.1 | 7.8 | 8.2 | 6.7 | 4.9 | 3.1 | 2.8 | 2.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 10.0 | 9.3 | 11.2 | 12.5 | 15.8 | 16.8 | 15.6 | 15.8 | 14.8 | 11.6 | 10.8 | 16.8 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.8 | 10.1 | 11.7 | 13.1 | 15.0 | 14.4 | 14.0 | 12.9 | 10.6 | 10.2 | 13.5 |
| EXCEEDED 5% OF TIME | 8.3 | 8.3 | 8.2 | 9.3 | 10.4 | 12.2 | 13.4 | 13.3 | 13.0 | 12.0 | 9.7 | 8.8 | 12.1 |
| EXCEEDED 10% OF TIME | 7.8 | 7.7 | 7.6 | 8.8 | 10.0 | 11.5 | 12.8 | 12.7 | 12.5 | 11.4 | 9.1 | 8.1 | 11.2 |
| EXCEEDED 25% OF TIME | 6.8 | 6.5 | 6.7 | 7.8 | 8.9 | 10.5 | 11.6 | 11.8 | 11.2 | 10.3 | 8.0 | 6.7 | 9.5 |
| EXCEEDED 50% OF TIME | 5.5 | 5.2 | 5.6 | 6.7 | 7.7 | 9.3 | 10.2 | 10.5 | 9.8 | 8.8 | 6.6 | 5.6 | 7.6 |
| EXCEEDED 75% OF TIME | 4.4 | 4.3 | 4.5 | 5.6 | 6.8 | 8.1 | 8.9 | 9.3 | 8.8 | 7.4 | 5.6 | 4.5 | 5.8 |
| EXCEEDED 90% OF TIME | 3.6 | 3.6 | 3.8 | 4.7 | 6.0 | 7.2 | 8.0 | 8.4 | 7.8 | 6.4 | 4.7 | 3.8 | 4.5 |
| EXCEEDED 95% OF TIME | 3.2 | 3.3 | 3.5 | 4.4 | 5.5 | 6.7 | 7.4 | 7.9 | 7.3 | 5.9 | 4.2 | 3.4 | 3.9 |
| EXCEEDED 99% OF TIME | 2.5 | 2.9 | 3.0 | 3.6 | 4.9 | 5.9 | 6.6 | 7.2 | 6.1 | 4.8 | 3.5 | 2.9 | 3.2 |
| EXTREME MINIMUM | 1.8 | 2.0 | 2.1 | 3.1 | 3.6 | 4.8 | 5.8 | 6.1 | 5.0 | 3.8 | 2.4 | 2.3 | 1.8 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

MANSTON

1961 - 70

N.G.R. 61/335666

ALTITUDE 44 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.0 | 12.9 | 12.6 | 16.0 | 18.0 | 19.9 | 23.5 | 21.0 | 21.3 | 18.8 | 15.9 | 14.2 | 23.5 |
| EXCEEDED 1% OF TIME | 11.9 | 11.9 | 11.5 | 13.5 | 15.8 | 18.1 | 20.6 | 20.0 | 19.2 | 17.6 | 14.4 | 13.0 | 18.6 |
| EXCEEDED 5% OF TIME | 10.8 | 10.7 | 10.5 | 12.1 | 13.9 | 16.8 | 18.4 | 18.4 | 18.2 | 16.4 | 12.9 | 11.5 | 16.8 |
| EXCEEDED 10% OF TIME | 9.9 | 9.9 | 10.0 | 11.4 | 13.4 | 16.0 | 17.6 | 17.8 | 17.4 | 15.7 | 12.3 | 10.2 | 15.6 |
| EXCEEDED 25% OF TIME | 8.6 | 8.4 | 8.7 | 10.2 | 11.9 | 14.5 | 16.2 | 16.4 | 15.7 | 14.1 | 10.6 | 8.6 | 13.0 |
| EXCEEDED 50% OF TIME | 6.9 | 6.7 | 7.4 | 9.0 | 10.6 | 12.7 | 14.2 | 14.5 | 13.6 | 12.0 | 8.7 | 7.1 | 10.2 |
| EXCEEDED 75% OF TIME | 5.7 | 5.5 | 6.1 | 7.6 | 9.3 | 11.4 | 12.7 | 12.7 | 11.9 | 10.0 | 7.4 | 5.8 | 7.6 |
| EXCEEDED 90% OF TIME | 4.5 | 4.7 | 4.9 | 6.6 | 8.4 | 10.1 | 11.3 | 11.5 | 10.7 | 8.8 | 6.3 | 4.8 | 5.9 |
| EXCEEDED 95% OF TIME | 4.0 | 4.3 | 4.5 | 6.0 | 7.7 | 9.5 | 10.7 | 10.8 | 9.9 | 8.0 | 5.6 | 4.3 | 5.1 |
| EXCEEDED 99% OF TIME | 3.2 | 3.7 | 3.9 | 5.0 | 6.8 | 7.7 | 9.6 | 9.9 | 8.5 | 6.5 | 4.8 | 3.7 | 4.0 |
| EXTREME MINIMUM | 2.8 | 2.4 | 3.3 | 4.4 | 5.9 | 6.5 | 8.8 | 8.3 | 7.3 | 5.4 | 3.1 | 3.0 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.9 | 9.8 | 9.5 | 11.7 | 13.4 | 14.7 | 17.1 | 15.5 | 15.8 | 13.8 | 12.0 | 10.8 | 17.1 |
| EXCEEDED 1% OF TIME | 9.1 | 9.1 | 8.7 | 10.3 | 11.7 | 13.3 | 15.1 | 14.6 | 14.3 | 13.2 | 10.9 | 9.9 | 13.8 |
| EXCEEDED 5% OF TIME | 8.3 | 8.2 | 8.1 | 9.2 | 10.5 | 12.5 | 13.7 | 13.6 | 13.6 | 12.3 | 9.8 | 8.8 | 12.5 |
| EXCEEDED 10% OF TIME | 7.7 | 7.7 | 7.7 | 8.7 | 10.1 | 11.9 | 13.1 | 13.2 | 13.0 | 11.8 | 9.3 | 7.9 | 11.7 |
| EXCEEDED 25% OF TIME | 6.7 | 6.5 | 6.7 | 7.9 | 9.1 | 10.9 | 12.1 | 12.2 | 11.7 | 10.6 | 8.1 | 6.7 | 9.8 |
| EXCEEDED 50% OF TIME | 5.4 | 5.3 | 5.8 | 6.9 | 8.1 | 9.6 | 10.7 | 10.9 | 10.3 | 9.1 | 6.7 | 5.6 | 7.8 |
| EXCEEDED 75% OF TIME | 4.5 | 4.4 | 4.8 | 5.9 | 7.1 | 8.6 | 9.5 | 9.5 | 9.0 | 7.7 | 5.8 | 4.6 | 5.9 |
| EXCEEDED 90% OF TIME | 3.6 | 3.7 | 3.9 | 5.2 | 6.4 | 7.7 | 8.5 | 8.6 | 8.1 | 6.7 | 4.9 | 3.8 | 4.6 |
| EXCEEDED 95% OF TIME | 3.2 | 3.4 | 3.6 | 4.7 | 5.9 | 7.2 | 8.1 | 8.1 | 7.6 | 6.2 | 4.4 | 3.4 | 4.0 |
| EXCEEDED 99% OF TIME | 2.6 | 2.9 | 3.1 | 3.9 | 5.2 | 6.0 | 7.3 | 7.4 | 6.5 | 5.1 | 3.8 | 3.0 | 3.2 |
| EXTREME MINIMUM | 2.2 | 2.0 | 2.6 | 3.5 | 4.7 | 5.0 | 6.6 | 6.2 | 5.5 | 4.2 | 2.4 | 2.4 | 2.0 |

SOUTH FARNBOROUGH

1961 - 70

N.G.R. 41/867548

ALTITUDE 69 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.0 | 12.8 | 12.4 | 15.7 | 17.5 | 20.2 | 23.7 | 21.6 | 21.9 | 20.4 | 15.7 | 14.4 | 23.7 |
| EXCEEDED 1% OF TIME | 12.1 | 12.0 | 11.7 | 13.6 | 15.9 | 18.8 | 20.8 | 20.0 | 19.7 | 17.5 | 14.2 | 13.3 | 18.6 |
| EXCEEDED 5% OF TIME | 10.9 | 11.0 | 11.0 | 12.3 | 14.2 | 17.0 | 18.4 | 18.2 | 17.8 | 16.0 | 12.9 | 11.8 | 16.4 |
| EXCEEDED 10% OF TIME | 10.3 | 10.4 | 10.3 | 11.6 | 13.4 | 15.9 | 17.4 | 17.4 | 16.7 | 15.2 | 12.1 | 10.7 | 15.2 |
| EXCEEDED 25% OF TIME | 8.7 | 8.6 | 8.9 | 10.5 | 12.1 | 14.5 | 15.9 | 16.0 | 15.1 | 13.6 | 10.5 | 8.9 | 12.8 |
| EXCEEDED 50% OF TIME | 7.0 | 6.7 | 7.3 | 9.0 | 10.4 | 12.8 | 14.0 | 14.2 | 13.2 | 11.4 | 8.5 | 7.0 | 10.1 |
| EXCEEDED 75% OF TIME | 5.5 | 5.4 | 5.8 | 7.3 | 9.1 | 11.2 | 12.4 | 12.4 | 11.5 | 9.4 | 7.2 | 5.5 | 7.5 |
| EXCEEDED 90% OF TIME | 4.2 | 4.5 | 4.7 | 6.2 | 8.0 | 9.9 | 10.9 | 11.1 | 10.1 | 8.0 | 5.8 | 4.3 | 5.6 |
| EXCEEDED 95% OF TIME | 3.7 | 4.0 | 4.3 | 5.5 | 7.5 | 9.2 | 10.1 | 10.4 | 9.2 | 7.4 | 5.2 | 3.7 | 4.8 |
| EXCEEDED 99% OF TIME | 2.7 | 3.6 | 3.6 | 4.7 | 6.3 | 7.7 | 9.3 | 9.2 | 8.0 | 6.1 | 4.1 | 3.1 | 3.6 |
| EXTREME MINIMUM | 1.8 | 2.7 | 2.5 | 4.1 | 4.9 | 6.3 | 7.9 | 8.0 | 6.3 | 4.8 | 3.0 | 2.5 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.9 | 9.7 | 9.5 | 11.7 | 13.0 | 14.5 | 17.2 | 15.9 | 16.0 | 14.9 | 11.8 | 10.9 | 17.2 |
| EXCEEDED 1% OF TIME | 9.2 | 9.2 | 8.9 | 10.3 | 11.8 | 13.9 | 15.3 | 14.8 | 14.6 | 13.0 | 10.8 | 10.1 | 13.7 |
| EXCEEDED 5% OF TIME | 8.4 | 8.5 | 8.4 | 9.4 | 10.6 | 12.6 | 13.7 | 13.5 | 13.3 | 12.0 | 9.8 | 9.0 | 12.2 |
| EXCEEDED 10% OF TIME | 7.9 | 8.0 | 7.9 | 8.9 | 10.1 | 11.9 | 12.9 | 12.9 | 12.5 | 11.4 | 9.3 | 8.2 | 11.4 |
| EXCEEDED 25% OF TIME | 6.8 | 6.7 | 6.8 | 8.0 | 9.1 | 10.9 | 11.8 | 11.9 | 11.3 | 10.2 | 8.0 | 6.9 | 9.7 |
| EXCEEDED 50% OF TIME | 5.5 | 5.3 | 5.7 | 6.9 | 8.0 | 9.6 | 10.5 | 10.7 | 10.0 | 8.7 | 6.6 | 5.5 | 7.7 |
| EXCEEDED 75% OF TIME | 4.4 | 4.3 | 4.5 | 5.7 | 7.0 | 8.5 | 9.3 | 9.4 | 8.7 | 7.2 | 5.6 | 4.4 | 5.8 |
| EXCEEDED 90% OF TIME | 3.4 | 3.5 | 3.7 | 4.8 | 6.2 | 7.5 | 8.2 | 8.5 | 7.7 | 6.2 | 4.6 | 3.5 | 4.4 |
| EXCEEDED 95% OF TIME | 2.9 | 3.2 | 3.4 | 4.3 | 5.8 | 7.0 | 7.7 | 7.9 | 7.1 | 5.7 | 4.1 | 3.0 | 3.8 |
| EXCEEDED 99% OF TIME | 2.2 | 2.9 | 2.9 | 3.7 | 4.9 | 5.9 | 7.1 | 7.0 | 6.2 | 4.7 | 3.3 | 2.5 | 2.9 |
| EXTREME MINIMUM | 1.5 | 2.2 | 1.9 | 3.2 | 3.9 | 5.0 | 5.9 | 6.2 | 5.0 | 3.8 | 2.4 | 2.1 | 1.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

THORNEY ISLAND
N.G.R. 41/760026

ALTITUDE 4 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.4 | 12.2 | 15.2 | 16.9 | 20.8 | 22.5 | 21.6 | 22.5 | 19.2 | 16.0 | 14.4 | 22.5 |
| EXCEEDED 1% OF TIME | 11.9 | 12.1 | 11.7 | 13.3 | 15.9 | 18.7 | 20.1 | 19.9 | 19.5 | 17.6 | 14.8 | 13.4 | 18.8 |
| EXCEEDED 5% OF TIME | 11.0 | 11.0 | 11.0 | 12.4 | 14.3 | 16.8 | 18.6 | 18.6 | 18.3 | 16.5 | 13.6 | 12.2 | 17.0 |
| EXCEEDED 10% OF TIME | 10.4 | 10.4 | 10.4 | 11.9 | 13.6 | 16.2 | 17.9 | 17.9 | 17.5 | 15.8 | 12.9 | 11.2 | 15.9 |
| EXCEEDED 25% OF TIME | 9.3 | 9.0 | 9.3 | 10.9 | 12.4 | 15.0 | 16.5 | 16.7 | 15.9 | 14.4 | 11.0 | 9.4 | 13.6 |
| EXCEEDED 50% OF TIME | 7.5 | 6.9 | 7.9 | 9.5 | 11.1 | 13.6 | 14.7 | 15.0 | 14.1 | 12.3 | 9.0 | 7.4 | 10.7 |
| EXCEEDED 75% OF TIME | 5.9 | 5.6 | 6.2 | 7.6 | 9.7 | 12.0 | 13.0 | 13.3 | 12.3 | 10.4 | 7.6 | 5.8 | 7.9 |
| EXCEEDED 90% OF TIME | 4.7 | 4.7 | 5.1 | 6.4 | 8.5 | 10.6 | 11.6 | 12.1 | 11.0 | 8.8 | 6.3 | 4.9 | 5.9 |
| EXCEEDED 95% OF TIME | 4.1 | 4.3 | 4.7 | 5.8 | 7.8 | 9.7 | 10.9 | 11.5 | 10.2 | 7.9 | 5.5 | 4.5 | 5.1 |
| EXCEEDED 99% OF TIME | 3.1 | 3.7 | 4.0 | 5.1 | 6.6 | 8.3 | 9.9 | 10.2 | 9.0 | 6.7 | 4.7 | 3.8 | 4.1 |
| EXTREME MINIMUM | 2.9 | 2.9 | 3.3 | 4.3 | 4.5 | 6.2 | 9.2 | 9.0 | 6.0 | 5.3 | 2.8 | 3.2 | 2.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.5 | 9.3 | 11.2 | 12.7 | 15.4 | 16.5 | 15.9 | 16.6 | 14.3 | 12.0 | 10.9 | 16.6 |
| EXCEEDED 1% OF TIME | 9.1 | 9.2 | 8.9 | 10.1 | 11.8 | 13.8 | 14.9 | 14.7 | 14.5 | 13.2 | 11.1 | 10.2 | 14.0 |
| EXCEEDED 5% OF TIME | 8.5 | 8.4 | 8.4 | 9.4 | 10.8 | 12.5 | 13.8 | 13.8 | 13.6 | 12.4 | 10.3 | 9.3 | 12.7 |
| EXCEEDED 10% OF TIME | 8.0 | 8.0 | 8.0 | 9.1 | 10.3 | 12.1 | 13.3 | 13.3 | 13.0 | 11.9 | 9.8 | 8.6 | 11.9 |
| EXCEEDED 25% OF TIME | 7.2 | 7.0 | 7.2 | 8.3 | 9.4 | 11.3 | 12.3 | 12.4 | 12.0 | 10.8 | 8.5 | 7.2 | 10.2 |
| EXCEEDED 50% OF TIME | 5.8 | 5.4 | 6.1 | 7.3 | 8.5 | 10.2 | 11.0 | 11.2 | 10.6 | 9.3 | 6.9 | 5.7 | 8.2 |
| EXCEEDED 75% OF TIME | 4.7 | 4.4 | 4.8 | 5.9 | 7.4 | 9.1 | 9.8 | 10.0 | 9.3 | 8.0 | 5.9 | 4.6 | 6.1 |
| EXCEEDED 90% OF TIME | 3.7 | 3.7 | 4.0 | 5.0 | 6.5 | 8.0 | 8.8 | 9.2 | 8.4 | 6.8 | 5.0 | 3.9 | 4.7 |
| EXCEEDED 95% OF TIME | 3.3 | 3.4 | 3.7 | 4.5 | 6.1 | 7.4 | 8.2 | 8.7 | 7.8 | 6.2 | 4.3 | 3.6 | 4.1 |
| EXCEEDED 99% OF TIME | 2.5 | 3.0 | 3.2 | 4.0 | 5.2 | 6.3 | 7.4 | 7.8 | 7.0 | 5.3 | 3.7 | 3.1 | 3.3 |
| EXTREME MINIMUM | 2.4 | 2.3 | 2.6 | 3.3 | 3.4 | 4.9 | 7.0 | 6.9 | 4.5 | 4.2 | 2.2 | 2.6 | 2.2 |

7A ENGLAND NORTH WEST & ISLE OF MAN
BLACKPOOL/SQUIRES GATE AIRPORT

1961 - 70

N.G.R. 34/316317 ALTITUDE 10 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.2 | 12.1 | 11.8 | 15.2 | 16.8 | 20.6 | 21.7 | 21.0 | 20.7 | 18.8 | 15.3 | 13.4 | 21.7 |
| EXCEEDED 1% OF TIME | 11.6 | 11.3 | 11.1 | 12.9 | 15.5 | 18.9 | 19.4 | 19.5 | 18.4 | 16.7 | 13.5 | 12.0 | 18.0 |
| EXCEEDED 5% OF TIME | 10.3 | 10.2 | 10.5 | 11.7 | 13.7 | 16.3 | 17.5 | 18.0 | 17.0 | 15.6 | 12.1 | 11.0 | 16.1 |
| EXCEEDED 10% OF TIME | 9.7 | 9.5 | 10.0 | 11.3 | 13.0 | 15.7 | 16.7 | 17.2 | 16.3 | 14.8 | 11.5 | 10.2 | 15.0 |
| EXCEEDED 25% OF TIME | 8.7 | 8.4 | 9.0 | 10.3 | 11.7 | 14.4 | 15.4 | 15.9 | 14.9 | 13.4 | 10.2 | 9.0 | 12.8 |
| EXCEEDED 50% OF TIME | 7.4 | 6.8 | 7.7 | 9.0 | 10.5 | 13.0 | 13.8 | 14.0 | 13.2 | 11.7 | 8.5 | 7.3 | 10.2 |
| EXCEEDED 75% OF TIME | 5.9 | 5.4 | 6.2 | 7.3 | 9.3 | 11.6 | 12.1 | 12.6 | 11.9 | 9.9 | 7.2 | 5.8 | 7.7 |
| EXCEEDED 90% OF TIME | 4.6 | 4.6 | 5.1 | 6.1 | 8.2 | 10.4 | 11.0 | 11.6 | 10.5 | 8.7 | 6.1 | 4.6 | 5.9 |
| EXCEEDED 95% OF TIME | 4.1 | 4.2 | 4.7 | 5.7 | 7.6 | 9.5 | 10.5 | 10.9 | 9.7 | 8.0 | 5.3 | 4.0 | 5.0 |
| EXCEEDED 99% OF TIME | 3.0 | 3.2 | 3.9 | 4.8 | 6.4 | 8.0 | 9.6 | 9.3 | 8.7 | 6.5 | 4.3 | 3.3 | 3.9 |
| EXTREME MINIMUM | 2.4 | 2.3 | 3.2 | 3.4 | 5.2 | 5.5 | 8.4 | 7.9 | 7.0 | 5.0 | 3.8 | 2.5 | 2.3 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.1 | 9.2 | 9.1 | 11.4 | 12.6 | 15.1 | 16.1 | 15.5 | 15.1 | 13.9 | 11.6 | 10.2 | 16.1 |
| EXCEEDED 1% OF TIME | 8.9 | 8.7 | 8.5 | 9.8 | 11.5 | 14.0 | 14.3 | 14.5 | 13.8 | 12.6 | 10.3 | 9.2 | 13.5 |
| EXCEEDED 5% OF TIME | 7.9 | 7.9 | 8.1 | 8.9 | 10.3 | 12.2 | 13.1 | 13.5 | 12.8 | 11.7 | 9.3 | 8.4 | 12.1 |
| EXCEEDED 10% OF TIME | 7.5 | 7.4 | 7.7 | 8.6 | 9.9 | 11.8 | 12.5 | 12.9 | 12.2 | 11.2 | 8.8 | 7.9 | 11.3 |
| EXCEEDED 25% OF TIME | 6.8 | 6.5 | 7.0 | 7.9 | 8.9 | 10.8 | 11.6 | 11.9 | 11.2 | 10.2 | 7.8 | 7.0 | 9.7 |
| EXCEEDED 50% OF TIME | 5.8 | 5.4 | 6.0 | 6.9 | 8.0 | 9.8 | 10.4 | 10.6 | 10.0 | 8.9 | 6.6 | 5.7 | 7.8 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.8 | 5.7 | 7.2 | 8.8 | 9.2 | 9.5 | 9.0 | 7.6 | 5.6 | 4.6 | 6.0 |
| EXCEEDED 90% OF TIME | 3.7 | 3.7 | 4.0 | 4.8 | 6.3 | 7.9 | 8.3 | 8.8 | 8.0 | 6.7 | 4.8 | 3.7 | 4.6 |
| EXCEEDED 95% OF TIME | 3.3 | 3.3 | 3.7 | 4.5 | 5.8 | 7.4 | 8.0 | 8.3 | 7.4 | 6.2 | 4.2 | 3.2 | 4.0 |
| EXCEEDED 99% OF TIME | 2.5 | 2.5 | 3.1 | 3.8 | 5.0 | 6.1 | 7.4 | 7.2 | 6.7 | 5.1 | 3.5 | 2.6 | 3.1 |
| EXTREME MINIMUM | 2.0 | 1.9 | 2.6 | 2.7 | 4.0 | 4.4 | 6.6 | 6.2 | 5.5 | 3.9 | 3.0 | 2.1 | 1.9 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

CARLISLE

1961 - 70

N.G.R. 35/384603

ALTITUDE 26 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.2 | 21.0 | 12.0 | 15.1 | 16.3 | 19.1 | 20.0 | 20.4 | 20.0 | 17.8 | 15.7 | 13.0 | 21.0 |
| EXCEEDED 1% OF TIME | 11.5 | 11.2 | 11.3 | 12.8 | 14.3 | 17.0 | 18.5 | 19.0 | 17.8 | 16.5 | 13.1 | 12.1 | 17.2 |
| EXCEEDED 5% OF TIME | 10.1 | 9.6 | 10.3 | 11.5 | 12.8 | 15.6 | 16.8 | 17.2 | 16.4 | 14.7 | 11.8 | 10.6 | 15.3 |
| EXCEEDED 10% OF TIME | 9.3 | 8.9 | 9.6 | 10.9 | 12.1 | 14.9 | 16.0 | 15.6 | 15.6 | 13.9 | 11.0 | 9.6 | 14.0 |
| EXCEEDED 25% OF TIME | 8.1 | 7.7 | 8.4 | 9.6 | 11.0 | 13.6 | 14.4 | 15.0 | 13.9 | 12.4 | 9.4 | 8.1 | 12.0 |
| EXCEEDED 50% OF TIME | 6.8 | 6.2 | 7.0 | 8.0 | 9.6 | 12.1 | 12.9 | 13.2 | 12.4 | 10.7 | 7.8 | 6.7 | 9.4 |
| EXCEEDED 75% OF TIME | 5.5 | 5.1 | 5.7 | 6.6 | 8.5 | 10.6 | 11.3 | 11.8 | 11.1 | 9.1 | 6.5 | 5.3 | 7.0 |
| EXCEEDED 90% OF TIME | 4.4 | 4.3 | 4.6 | 5.6 | 7.4 | 9.6 | 10.2 | 10.6 | 9.8 | 7.9 | 5.4 | 4.4 | 5.4 |
| EXCEEDED 95% OF TIME | 4.0 | 3.8 | 4.1 | 5.0 | 6.8 | 9.0 | 9.7 | 9.9 | 9.1 | 7.3 | 4.8 | 3.9 | 4.7 |
| EXCEEDED 99% OF TIME | 3.1 | 3.1 | 3.5 | 4.3 | 5.9 | 7.4 | 8.6 | 8.8 | 7.9 | 5.6 | 4.0 | 3.2 | 3.7 |
| EXTREME MINIMUM | 2.0 | 2.1 | 2.0 | 3.0 | 4.8 | 6.0 | 7.3 | 6.6 | 6.0 | 4.6 | 3.5 | 1.8 | 1.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 16.1 | 9.2 | 11.4 | 12.1 | 13.8 | 14.9 | 15.0 | 14.8 | 13.2 | 11.9 | 9.9 | 16.1 |
| EXCEEDED 1% OF TIME | 8.8 | 8.6 | 8.7 | 9.7 | 10.8 | 12.6 | 13.5 | 14.1 | 13.3 | 12.3 | 9.9 | 9.2 | 12.9 |
| EXCEEDED 5% OF TIME | 7.8 | 7.4 | 7.9 | 8.8 | 9.7 | 11.7 | 12.5 | 12.9 | 12.2 | 11.1 | 9.0 | 8.1 | 11.5 |
| EXCEEDED 10% OF TIME | 7.1 | 6.9 | 7.4 | 8.3 | 9.2 | 11.2 | 12.0 | 12.3 | 11.7 | 10.5 | 8.4 | 7.4 | 10.6 |
| EXCEEDED 25% OF TIME | 6.3 | 6.0 | 6.5 | 7.4 | 8.3 | 10.2 | 10.9 | 11.2 | 10.5 | 9.4 | 7.2 | 6.3 | 9.1 |
| EXCEEDED 50% OF TIME | 5.4 | 4.9 | 5.4 | 6.2 | 7.4 | 9.2 | 9.7 | 10.0 | 9.4 | 8.2 | 6.1 | 5.2 | 7.2 |
| EXCEEDED 75% OF TIME | 4.4 | 4.0 | 4.5 | 5.2 | 6.5 | 8.1 | 8.6 | 9.0 | 8.4 | 7.0 | 5.1 | 4.2 | 5.4 |
| EXCEEDED 90% OF TIME | 3.5 | 3.4 | 3.6 | 4.4 | 5.7 | 7.3 | 7.8 | 8.1 | 7.5 | 6.2 | 4.3 | 3.5 | 4.3 |
| EXCEEDED 95% OF TIME | 3.2 | 3.0 | 3.3 | 3.9 | 5.3 | 6.8 | 7.3 | 7.6 | 7.0 | 5.7 | 3.8 | 3.1 | 3.7 |
| EXCEEDED 99% OF TIME | 2.5 | 2.4 | 2.7 | 3.3 | 4.6 | 5.7 | 6.6 | 6.8 | 6.2 | 4.4 | 3.2 | 2.6 | 2.9 |
| EXTREME MINIMUM | 1.7 | 1.7 | 1.7 | 2.4 | 3.7 | 4.7 | 5.5 | 5.0 | 4.8 | 3.6 | 2.8 | 1.5 | 1.5 |

GREAT DUN FELL

1971 - 70

N.G.R. 35/710322

ALTITUDE 847 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 9.4 | 9.8 | 9.5 | 12.1 | 13.2 | 17.1 | 18.0 | 18.0 | 15.4 | 14.9 | 12.0 | 10.0 | 18.0 |
| EXCEEDED 1% OF TIME | 9.0 | 8.7 | 8.4 | 10.4 | 12.0 | 15.0 | 15.7 | 15.7 | 14.2 | 13.1 | 10.4 | 9.2 | 14.2 |
| EXCEEDED 5% OF TIME | 8.1 | 7.3 | 7.7 | 9.0 | 10.6 | 13.0 | 14.0 | 14.3 | 13.0 | 11.9 | 9.2 | 8.1 | 12.4 |
| EXCEEDED 10% OF TIME | 7.4 | 6.8 | 7.2 | 8.4 | 10.0 | 12.3 | 13.2 | 13.5 | 12.3 | 11.2 | 8.7 | 7.5 | 11.4 |
| EXCEEDED 25% OF TIME | 6.4 | 5.9 | 6.4 | 7.4 | 8.7 | 11.1 | 11.7 | 12.3 | 11.2 | 10.0 | 7.3 | 6.4 | 9.6 |
| EXCEEDED 50% OF TIME | 5.5 | 4.9 | 5.6 | 6.2 | 7.7 | 9.8 | 10.3 | 10.6 | 9.8 | 8.5 | 6.1 | 5.5 | 7.4 |
| EXCEEDED 75% OF TIME | 4.3 | 4.1 | 4.8 | 5.2 | 6.7 | 8.7 | 9.1 | 9.4 | 8.7 | 7.2 | 5.3 | 4.7 | 5.6 |
| EXCEEDED 90% OF TIME | 3.8 | 3.6 | 4.2 | 4.6 | 5.9 | 7.7 | 8.2 | 8.5 | 7.9 | 6.4 | 4.5 | 4.0 | 4.5 |
| EXCEEDED 95% OF TIME | 3.5 | 3.3 | 3.8 | 4.2 | 5.4 | 7.1 | 7.8 | 8.0 | 7.5 | 5.9 | 4.0 | 3.5 | 4.0 |
| EXCEEDED 99% OF TIME | 3.0 | 2.8 | 2.9 | 3.7 | 4.5 | 5.9 | 6.8 | 6.9 | 6.6 | 4.5 | 2.5 | 2.9 | 3.1 |
| EXTREME MINIMUM | 2.5 | 2.4 | 1.8 | 1.2 | 1.5 | 1.3 | 5.6 | 5.9 | 3.7 | 1.5 | 1.2 | 1.7 | 1.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 7.3 | 7.6 | 7.4 | 9.1 | 10.1 | 12.9 | 13.3 | 13.5 | 11.7 | 11.2 | 9.2 | 8.0 | 13.5 |
| EXCEEDED 1% OF TIME | 7.0 | 6.8 | 6.6 | 8.0 | 9.1 | 11.3 | 11.8 | 11.8 | 10.8 | 10.0 | 8.0 | 7.2 | 10.8 |
| EXCEEDED 5% OF TIME | 6.3 | 5.7 | 6.0 | 7.0 | 8.1 | 9.8 | 10.6 | 10.8 | 9.9 | 9.1 | 7.2 | 6.4 | 9.5 |
| EXCEEDED 10% OF TIME | 5.8 | 5.4 | 5.7 | 6.6 | 7.7 | 9.3 | 10.1 | 10.3 | 9.4 | 8.6 | 6.8 | 5.9 | 8.8 |
| EXCEEDED 25% OF TIME | 5.1 | 4.7 | 5.1 | 5.8 | 6.8 | 8.5 | 9.0 | 9.4 | 8.6 | 7.7 | 5.7 | 5.1 | 7.4 |
| EXCEEDED 50% OF TIME | 4.4 | 3.9 | 4.5 | 4.9 | 6.0 | 7.6 | 7.9 | 8.2 | 7.6 | 6.6 | 4.8 | 4.4 | 5.8 |
| EXCEEDED 75% OF TIME | 3.5 | 3.3 | 3.9 | 4.2 | 5.3 | 6.8 | 7.1 | 7.3 | 6.8 | 5.7 | 4.2 | 3.8 | 4.5 |
| EXCEEDED 90% OF TIME | 3.1 | 2.9 | 3.4 | 3.6 | 4.6 | 6.0 | 6.4 | 6.6 | 6.2 | 5.1 | 3.6 | 3.2 | 3.6 |
| EXCEEDED 95% OF TIME | 2.8 | 2.7 | 3.1 | 3.4 | 4.3 | 5.5 | 6.0 | 6.2 | 5.9 | 4.7 | 3.2 | 2.8 | 3.2 |
| EXCEEDED 99% OF TIME | 2.5 | 2.3 | 2.4 | 3.0 | 3.5 | 4.6 | 5.3 | 5.4 | 5.1 | 3.6 | 1.9 | 2.4 | 2.5 |
| EXTREME MINIMUM | 2.0 | 2.0 | 1.4 | 0.9 | 1.2 | 1.0 | 4.3 | 4.6 | 2.8 | 1.2 | 0.9 | 1.3 | 0.9 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

LIVERPOOL/SPEKE AIRPORT

1961 - 70

N.G.R. 33/436821

ALTITUDE

22 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.5 | 12.4 | 12.4 | 15.0 | 16.3 | 21.8 | 22.5 | 21.7 | 21.2 | 18.7 | 15.4 | 13.0 | 22.5 |
| EXCEEDED 1% OF TIME | 11.6 | 11.4 | 11.2 | 13.5 | 15.2 | 18.1 | 19.7 | 19.3 | 18.2 | 16.8 | 13.6 | 12.3 | 17.9 |
| EXCEEDED 5% OF TIME | 10.4 | 10.0 | 10.3 | 11.8 | 13.8 | 16.2 | 17.6 | 18.0 | 16.7 | 15.3 | 11.8 | 10.8 | 15.8 |
| EXCEEDED 10% OF TIME | 9.6 | 9.2 | 9.7 | 11.2 | 12.9 | 15.3 | 16.7 | 16.8 | 15.9 | 14.5 | 11.1 | 9.9 | 14.5 |
| EXCEEDED 25% OF TIME | 8.5 | 8.0 | 8.5 | 10.0 | 11.5 | 13.9 | 15.0 | 15.4 | 14.4 | 12.8 | 9.8 | 8.7 | 12.4 |
| EXCEEDED 50% OF TIME | 7.1 | 6.6 | 7.3 | 8.6 | 10.1 | 12.4 | 13.2 | 13.5 | 12.7 | 11.1 | 8.2 | 7.2 | 9.8 |
| EXCEEDED 75% OF TIME | 5.8 | 5.5 | 6.0 | 7.1 | 8.8 | 11.0 | 11.7 | 12.1 | 11.4 | 9.7 | 7.0 | 5.8 | 7.4 |
| EXCEEDED 90% OF TIME | 4.7 | 4.7 | 5.0 | 6.0 | 7.7 | 9.7 | 10.6 | 11.0 | 10.3 | 8.5 | 6.1 | 4.7 | 5.8 |
| EXCEEDED 95% OF TIME | 4.2 | 4.2 | 4.5 | 5.4 | 7.2 | 9.2 | 10.0 | 10.6 | 9.6 | 7.9 | 5.4 | 4.2 | 5.0 |
| EXCEEDED 99% OF TIME | 3.2 | 3.5 | 3.9 | 4.7 | 6.2 | 8.0 | 9.1 | 9.5 | 8.6 | 6.1 | 4.5 | 3.4 | 4.0 |
| EXTREME MINIMUM | 2.5 | 2.5 | 2.6 | 3.8 | 4.9 | 5.7 | 7.7 | 8.8 | 7.2 | 5.1 | 3.8 | 2.9 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.5 | 9.4 | 9.5 | 11.2 | 12.2 | 15.9 | 16.2 | 15.7 | 15.3 | 14.0 | 11.6 | 9.8 | 16.2 |
| EXCEEDED 1% OF TIME | 8.9 | 8.7 | 8.5 | 10.2 | 11.3 | 13.4 | 14.5 | 14.3 | 13.6 | 12.6 | 10.3 | 9.4 | 13.3 |
| EXCEEDED 5% OF TIME | 8.0 | 7.7 | 7.9 | 9.0 | 10.3 | 12.1 | 13.2 | 13.3 | 12.4 | 11.5 | 9.0 | 8.3 | 11.8 |
| EXCEEDED 10% OF TIME | 7.4 | 7.1 | 7.4 | 8.5 | 9.7 | 11.5 | 12.5 | 12.6 | 11.9 | 10.9 | 8.5 | 7.6 | 10.9 |
| EXCEEDED 25% OF TIME | 6.6 | 6.2 | 6.6 | 7.6 | 8.7 | 10.4 | 11.2 | 11.5 | 10.8 | 9.7 | 7.5 | 6.7 | 9.3 |
| EXCEEDED 50% OF TIME | 5.5 | 5.2 | 5.7 | 6.6 | 7.7 | 9.4 | 9.9 | 10.1 | 9.6 | 8.5 | 6.4 | 5.6 | 7.5 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.7 | 5.5 | 6.8 | 8.3 | 8.8 | 9.2 | 8.7 | 7.4 | 5.5 | 4.6 | 5.8 |
| EXCEEDED 90% OF TIME | 3.7 | 3.7 | 3.9 | 4.7 | 5.9 | 7.3 | 8.0 | 8.4 | 7.8 | 6.6 | 4.8 | 3.7 | 4.6 |
| EXCEEDED 95% OF TIME | 3.3 | 3.4 | 3.6 | 4.3 | 5.6 | 6.9 | 7.5 | 8.0 | 7.3 | 6.1 | 4.2 | 3.3 | 4.0 |
| EXCEEDED 99% OF TIME | 2.6 | 2.8 | 3.1 | 3.7 | 4.8 | 6.1 | 6.9 | 7.2 | 6.5 | 4.7 | 3.6 | 2.8 | 3.1 |
| EXTREME MINIMUM | 2.1 | 2.0 | 2.0 | 3.0 | 3.7 | 4.3 | 5.7 | 6.6 | 5.5 | 4.0 | 3.0 | 2.3 | 2.0 |

MANCHESTER/RINGWAY AIRPORT

1961 - 70

N.G.R. 33/821849

ALTITUDE

75 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.6 | 12.2 | 13.6 | 14.1 | 15.9 | 20.4 | 21.2 | 21.4 | 20.7 | 17.9 | 15.1 | 13.0 | 21.4 |
| EXCEEDED 1% OF TIME | 11.7 | 11.1 | 11.2 | 13.0 | 14.3 | 17.1 | 19.4 | 18.8 | 17.8 | 16.4 | 13.3 | 11.9 | 17.2 |
| EXCEEDED 5% OF TIME | 10.3 | 9.8 | 10.2 | 11.5 | 12.8 | 15.5 | 17.1 | 17.2 | 16.2 | 15.0 | 11.3 | 10.5 | 15.1 |
| EXCEEDED 10% OF TIME | 9.3 | 8.9 | 9.3 | 10.8 | 12.0 | 14.6 | 16.2 | 16.4 | 15.2 | 14.2 | 10.8 | 9.6 | 13.8 |
| EXCEEDED 25% OF TIME | 8.1 | 7.7 | 8.1 | 9.6 | 10.7 | 13.2 | 14.4 | 14.6 | 13.7 | 12.5 | 9.3 | 8.2 | 11.7 |
| EXCEEDED 50% OF TIME | 6.8 | 6.2 | 6.7 | 8.0 | 9.4 | 11.5 | 12.6 | 12.8 | 12.0 | 10.5 | 7.8 | 6.8 | 9.2 |
| EXCEEDED 75% OF TIME | 5.5 | 5.1 | 5.5 | 6.5 | 8.1 | 10.2 | 11.0 | 11.4 | 10.5 | 8.9 | 6.6 | 5.5 | 6.9 |
| EXCEEDED 90% OF TIME | 4.5 | 4.4 | 4.5 | 5.4 | 7.0 | 8.9 | 9.9 | 10.2 | 9.5 | 7.9 | 5.6 | 4.6 | 5.4 |
| EXCEEDED 95% OF TIME | 3.8 | 4.0 | 4.2 | 4.8 | 6.2 | 8.4 | 9.3 | 9.5 | 8.8 | 7.3 | 5.1 | 4.1 | 4.7 |
| EXCEEDED 99% OF TIME | 2.9 | 3.1 | 3.4 | 4.0 | 5.1 | 6.9 | 8.0 | 8.5 | 7.9 | 5.7 | 4.1 | 3.5 | 3.7 |
| EXTREME MINIMUM | 2.1 | 1.8 | 1.5 | 3.0 | 2.5 | 5.8 | 7.0 | 7.2 | 6.7 | 4.3 | 3.6 | 2.9 | 1.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.6 | 9.3 | 10.3 | 10.6 | 11.9 | 14.9 | 15.4 | 15.7 | 15.3 | 13.4 | 11.3 | 9.9 | 15.7 |
| EXCEEDED 1% OF TIME | 8.9 | 8.5 | 8.6 | 9.9 | 10.8 | 12.7 | 14.3 | 14.0 | 13.2 | 12.3 | 10.1 | 9.0 | 12.8 |
| EXCEEDED 5% OF TIME | 7.9 | 7.5 | 7.8 | 8.7 | 9.7 | 11.6 | 12.7 | 12.8 | 12.1 | 11.3 | 8.7 | 8.1 | 11.3 |
| EXCEEDED 10% OF TIME | 7.2 | 6.9 | 7.2 | 8.3 | 9.1 | 10.9 | 12.1 | 12.2 | 11.4 | 10.8 | 8.3 | 7.4 | 10.4 |
| EXCEEDED 25% OF TIME | 6.3 | 6.0 | 6.2 | 7.3 | 8.1 | 9.9 | 10.8 | 11.0 | 10.3 | 9.5 | 7.2 | 6.4 | 8.8 |
| EXCEEDED 50% OF TIME | 5.3 | 4.9 | 5.2 | 6.2 | 7.2 | 8.7 | 9.5 | 9.7 | 9.1 | 8.0 | 6.0 | 5.3 | 7.0 |
| EXCEEDED 75% OF TIME | 4.3 | 4.1 | 4.3 | 5.0 | 6.2 | 7.7 | 8.3 | 8.7 | 8.0 | 6.9 | 5.2 | 4.3 | 5.4 |
| EXCEEDED 90% OF TIME | 3.6 | 3.5 | 3.6 | 4.3 | 5.3 | 6.8 | 7.5 | 7.8 | 7.2 | 6.1 | 4.4 | 3.6 | 4.2 |
| EXCEEDED 95% OF TIME | 3.1 | 3.2 | 3.3 | 3.8 | 4.8 | 6.4 | 7.0 | 7.2 | 6.7 | 5.6 | 4.0 | 3.3 | 3.7 |
| EXCEEDED 99% OF TIME | 2.4 | 2.5 | 2.7 | 3.1 | 3.9 | 5.3 | 6.0 | 6.4 | 6.0 | 4.5 | 3.3 | 2.8 | 2.9 |
| EXTREME MINIMUM | 1.7 | 1.4 | 1.1 | 2.3 | 1.9 | 4.4 | 5.3 | 5.4 | 5.1 | 3.3 | 2.9 | 2.3 | 1.1 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

RONALDSWAY AIRPORT
N.G.R. 24/279687

ALTITUDE 16 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.1 | 11.8 | 11.7 | 12.9 | 15.3 | 19.6 | 19.3 | 19.3 | 19.0 | 17.0 | 14.8 | 13.0 | 19.6 |
| EXCEEDED 1% OF TIME | 11.5 | 11.2 | 11.1 | 12.0 | 13.6 | 16.4 | 16.6 | 17.2 | 17.3 | 16.1 | 13.6 | 12.6 | 16.4 |
| EXCEEDED 5% OF TIME | 11.0 | 10.6 | 10.3 | 11.2 | 12.6 | 14.8 | 15.8 | 16.6 | 16.3 | 15.2 | 12.5 | 11.7 | 15.2 |
| EXCEEDED 10% OF TIME | 10.4 | 9.8 | 9.9 | 10.8 | 12.0 | 14.3 | 15.4 | 16.1 | 15.6 | 14.8 | 11.9 | 11.1 | 14.3 |
| EXCEEDED 25% OF TIME | 9.0 | 8.5 | 9.0 | 9.9 | 11.1 | 13.4 | 14.4 | 15.2 | 14.5 | 13.6 | 10.2 | 9.2 | 12.4 |
| EXCEEDED 50% OF TIME | 7.7 | 6.9 | 7.6 | 8.7 | 10.2 | 12.4 | 13.0 | 13.5 | 13.0 | 11.7 | 8.5 | 7.6 | 10.0 |
| EXCEEDED 75% OF TIME | 6.3 | 5.6 | 6.4 | 7.1 | 8.9 | 11.0 | 11.5 | 12.2 | 11.5 | 9.9 | 7.2 | 6.4 | 7.7 |
| EXCEEDED 90% OF TIME | 5.0 | 4.8 | 5.3 | 6.1 | 7.8 | 9.8 | 10.5 | 11.2 | 10.3 | 8.7 | 6.2 | 5.2 | 6.1 |
| EXCEEDED 95% OF TIME | 4.6 | 4.4 | 4.8 | 5.6 | 7.1 | 9.1 | 10.1 | 10.5 | 9.6 | 7.9 | 5.6 | 4.6 | 5.3 |
| EXCEEDED 99% OF TIME | 4.0 | 3.7 | 4.0 | 4.5 | 5.8 | 7.9 | 9.0 | 9.3 | 8.7 | 6.3 | 4.4 | 4.0 | 4.3 |
| EXTREME MINIMUM | 3.4 | 2.4 | 3.2 | 2.6 | 4.7 | 7.4 | 7.9 | 6.9 | 7.6 | 5.1 | 3.4 | 2.7 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 9.0 | 9.0 | 9.7 | 11.5 | 14.5 | 14.4 | 14.3 | 14.1 | 12.8 | 11.2 | 9.9 | 14.5 |
| EXCEEDED 1% OF TIME | 8.8 | 8.6 | 8.5 | 9.1 | 10.3 | 12.3 | 12.4 | 12.9 | 13.0 | 12.1 | 10.3 | 9.6 | 12.3 |
| EXCEEDED 5% OF TIME | 8.4 | 8.1 | 7.9 | 8.6 | 9.5 | 11.2 | 11.9 | 12.4 | 12.2 | 11.5 | 9.5 | 8.9 | 11.4 |
| EXCEEDED 10% OF TIME | 8.0 | 7.6 | 7.6 | 8.3 | 9.1 | 10.8 | 11.6 | 12.1 | 11.8 | 11.1 | 9.1 | 8.5 | 10.8 |
| EXCEEDED 25% OF TIME | 7.0 | 6.6 | 7.0 | 7.6 | 8.5 | 10.1 | 10.8 | 11.4 | 10.9 | 10.3 | 7.8 | 7.1 | 9.4 |
| EXCEEDED 50% OF TIME | 6.0 | 5.4 | 5.9 | 6.8 | 7.8 | 9.4 | 9.8 | 10.2 | 9.9 | 8.9 | 6.6 | 5.9 | 7.7 |
| EXCEEDED 75% OF TIME | 4.9 | 4.4 | 5.0 | 5.5 | 6.8 | 8.4 | 8.7 | 9.2 | 8.8 | 7.6 | 5.6 | 5.0 | 6.0 |
| EXCEEDED 90% OF TIME | 4.0 | 3.8 | 4.1 | 4.7 | 6.0 | 7.5 | 8.0 | 8.5 | 7.8 | 6.7 | 4.8 | 4.1 | 4.8 |
| EXCEEDED 95% OF TIME | 3.6 | 3.5 | 3.8 | 4.4 | 5.5 | 6.9 | 7.7 | 8.0 | 7.3 | 6.1 | 4.4 | 3.6 | 4.2 |
| EXCEEDED 99% OF TIME | 3.2 | 3.0 | 3.2 | 3.5 | 4.5 | 6.0 | 6.9 | 7.2 | 6.6 | 4.9 | 3.5 | 3.2 | 3.4 |
| EXTREME MINIMUM | 2.7 | 1.9 | 2.6 | 2.0 | 3.6 | 5.7 | 6.0 | 5.2 | 5.9 | 4.0 | 2.7 | 2.2 | 1.9 |

78 NORTH WALES
VALLEY

N.G.R. 23/310758

ALTITUDE 10 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.2 | 12.0 | 12.5 | 13.6 | 16.3 | 19.3 | 20.1 | 20.8 | 19.0 | 18.8 | 15.3 | 13.4 | 20.8 |
| EXCEEDED 1% OF TIME | 11.7 | 11.7 | 11.6 | 12.7 | 14.3 | 17.3 | 18.2 | 18.2 | 18.1 | 16.7 | 13.9 | 13.0 | 17.4 |
| EXCEEDED 5% OF TIME | 11.1 | 11.0 | 10.9 | 11.8 | 13.2 | 15.6 | 17.0 | 17.4 | 17.1 | 15.7 | 13.0 | 11.9 | 16.0 |
| EXCEEDED 10% OF TIME | 10.6 | 10.4 | 10.4 | 11.4 | 12.8 | 15.0 | 16.3 | 16.9 | 16.4 | 15.2 | 12.3 | 11.3 | 15.0 |
| EXCEEDED 25% OF TIME | 9.5 | 8.8 | 9.5 | 10.6 | 11.8 | 14.0 | 15.3 | 15.8 | 15.2 | 13.9 | 10.4 | 9.5 | 13.1 |
| EXCEEDED 50% OF TIME | 7.9 | 7.0 | 8.1 | 9.2 | 10.8 | 13.0 | 14.0 | 14.4 | 13.7 | 12.0 | 8.7 | 7.9 | 10.6 |
| EXCEEDED 75% OF TIME | 6.2 | 5.8 | 6.5 | 7.6 | 9.6 | 11.8 | 12.6 | 13.0 | 12.1 | 10.2 | 7.5 | 6.4 | 8.1 |
| EXCEEDED 90% OF TIME | 5.0 | 4.8 | 5.4 | 6.5 | 8.4 | 10.7 | 11.5 | 12.0 | 10.9 | 9.0 | 6.5 | 5.2 | 6.3 |
| EXCEEDED 95% OF TIME | 4.5 | 4.3 | 4.9 | 5.9 | 7.6 | 10.0 | 11.0 | 11.4 | 10.1 | 8.3 | 5.8 | 4.8 | 5.4 |
| EXCEEDED 99% OF TIME | 3.5 | 3.9 | 4.2 | 4.8 | 6.7 | 8.5 | 10.2 | 9.9 | 8.7 | 7.2 | 4.6 | 3.9 | 4.3 |
| EXTREME MINIMUM | 2.5 | 3.0 | 2.9 | 3.7 | 4.8 | 7.2 | 9.0 | 9.1 | 7.5 | 5.8 | 3.6 | 3.3 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.3 | 9.2 | 9.5 | 10.4 | 12.0 | 14.2 | 14.5 | 15.1 | 14.1 | 13.9 | 11.6 | 10.2 | 15.1 |
| EXCEEDED 1% OF TIME | 9.0 | 8.9 | 8.9 | 9.7 | 10.7 | 12.8 | 13.5 | 13.6 | 13.5 | 12.5 | 10.6 | 9.9 | 13.0 |
| EXCEEDED 5% OF TIME | 8.5 | 8.5 | 8.4 | 9.0 | 10.0 | 11.7 | 12.7 | 13.0 | 12.8 | 11.9 | 9.9 | 9.1 | 12.0 |
| EXCEEDED 10% OF TIME | 8.2 | 8.0 | 8.0 | 8.8 | 9.7 | 11.3 | 12.2 | 12.6 | 12.3 | 11.5 | 9.4 | 8.7 | 11.3 |
| EXCEEDED 25% OF TIME | 7.3 | 6.8 | 7.4 | 8.1 | 9.0 | 10.6 | 11.5 | 11.9 | 11.4 | 10.5 | 8.0 | 7.3 | 9.9 |
| EXCEEDED 50% OF TIME | 6.1 | 5.5 | 6.3 | 7.1 | 8.3 | 9.9 | 10.5 | 10.9 | 10.3 | 9.1 | 6.7 | 6.2 | 8.1 |
| EXCEEDED 75% OF TIME | 4.9 | 4.6 | 5.1 | 5.9 | 7.4 | 8.9 | 9.5 | 9.8 | 9.2 | 7.8 | 5.8 | 5.0 | 6.2 |
| EXCEEDED 90% OF TIME | 4.0 | 3.8 | 4.2 | 5.0 | 6.5 | 8.1 | 8.7 | 9.1 | 8.3 | 6.9 | 5.1 | 4.1 | 4.9 |
| EXCEEDED 95% OF TIME | 3.6 | 3.4 | 3.8 | 4.6 | 5.9 | 7.6 | 8.4 | 8.6 | 7.7 | 6.4 | 4.6 | 3.8 | 4.2 |
| EXCEEDED 99% OF TIME | 2.8 | 3.1 | 3.3 | 3.8 | 5.2 | 6.5 | 7.7 | 7.6 | 6.6 | 5.6 | 3.7 | 3.1 | 3.4 |
| EXTREME MINIMUM | 2.0 | 2.4 | 2.3 | 2.9 | 3.7 | 5.5 | 6.9 | 6.8 | 5.9 | 4.5 | 2.8 | 2.7 | 2.0 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09,15 AND 21 GMT

8A SOUTH WALES

ABERPORTH

1961 - 70

N.G.R. 22/242521

ALTITUDE

133 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.8 | 12.6 | 13.8 | 17.7 | 18.7 | 20.0 | 19.8 | 19.9 | 18.0 | 15.4 | 14.2 | 20.0 |
| EXCEEDED 1% OF TIME | 12.3 | 12.0 | 11.7 | 12.6 | 14.1 | 16.9 | 18.2 | 18.4 | 18.2 | 16.7 | 14.2 | 13.3 | 17.3 |
| EXCEEDED 5% OF TIME | 11.4 | 11.1 | 10.9 | 11.8 | 13.1 | 15.8 | 16.8 | 17.2 | 16.8 | 15.5 | 12.7 | 11.9 | 15.7 |
| EXCEEDED 10% OF TIME | 10.4 | 10.3 | 10.2 | 11.3 | 12.6 | 15.2 | 16.2 | 16.6 | 15.9 | 14.8 | 11.9 | 11.2 | 14.6 |
| EXCEEDED 25% OF TIME | 9.2 | 8.6 | 9.0 | 10.3 | 11.5 | 13.8 | 15.1 | 15.4 | 14.6 | 13.3 | 10.4 | 9.4 | 12.6 |
| EXCEEDED 50% OF TIME | 7.6 | 6.8 | 7.7 | 8.9 | 10.3 | 12.5 | 13.6 | 13.7 | 12.9 | 11.5 | 8.3 | 7.5 | 10.2 |
| EXCEEDED 75% OF TIME | 5.9 | 5.5 | 6.1 | 7.5 | 9.1 | 11.2 | 12.2 | 12.4 | 11.4 | 9.6 | 7.1 | 6.0 | 7.8 |
| EXCEEDED 90% OF TIME | 4.7 | 4.5 | 5.1 | 6.3 | 8.1 | 10.3 | 11.0 | 11.4 | 10.2 | 8.4 | 6.1 | 4.8 | 5.9 |
| EXCEEDED 95% OF TIME | 4.0 | 4.1 | 4.5 | 5.7 | 7.4 | 9.7 | 10.4 | 10.7 | 9.5 | 7.8 | 5.4 | 4.3 | 5.1 |
| EXCEEDED 99% OF TIME | 3.1 | 3.5 | 3.6 | 4.8 | 6.3 | 8.6 | 9.7 | 9.4 | 8.4 | 6.5 | 4.4 | 3.5 | 3.9 |
| EXTREME MINIMUM | 2.7 | 1.5 | 2.3 | 3.6 | 5.4 | 6.1 | 8.5 | 8.3 | 6.9 | 5.1 | 3.6 | 2.5 | 1.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.8 | 9.8 | 9.6 | 10.5 | 13.2 | 13.8 | 14.9 | 14.6 | 14.5 | 13.5 | 11.6 | 10.8 | 14.9 |
| EXCEEDED 1% OF TIME | 9.4 | 9.2 | 9.0 | 9.6 | 10.6 | 12.7 | 13.6 | 13.7 | 13.6 | 12.6 | 10.8 | 10.1 | 12.9 |
| EXCEEDED 5% OF TIME | 8.7 | 8.5 | 8.3 | 9.0 | 9.9 | 11.8 | 12.6 | 12.9 | 12.6 | 11.7 | 9.7 | 9.1 | 11.8 |
| EXCEEDED 10% OF TIME | 8.0 | 7.9 | 7.9 | 8.6 | 9.6 | 11.4 | 12.1 | 12.4 | 11.9 | 11.1 | 9.1 | 8.5 | 11.0 |
| EXCEEDED 25% OF TIME | 7.1 | 6.7 | 7.0 | 7.9 | 8.7 | 10.5 | 11.4 | 11.6 | 11.0 | 10.1 | 7.9 | 7.3 | 9.5 |
| EXCEEDED 50% OF TIME | 5.9 | 5.3 | 6.0 | 6.8 | 7.9 | 9.5 | 10.3 | 10.4 | 9.8 | 8.8 | 6.4 | 5.8 | 7.8 |
| EXCEEDED 75% OF TIME | 4.6 | 4.3 | 4.7 | 5.8 | 7.0 | 8.5 | 9.2 | 9.4 | 8.7 | 7.3 | 5.5 | 4.7 | 6.0 |
| EXCEEDED 90% OF TIME | 3.7 | 3.6 | 4.0 | 4.9 | 6.3 | 7.9 | 8.4 | 8.6 | 7.8 | 6.4 | 4.8 | 3.8 | 4.6 |
| EXCEEDED 95% OF TIME | 3.2 | 3.3 | 3.5 | 4.5 | 5.7 | 7.4 | 7.9 | 8.1 | 7.3 | 6.0 | 4.3 | 3.4 | 4.0 |
| EXCEEDED 99% OF TIME | 2.5 | 2.8 | 2.8 | 3.8 | 4.9 | 6.6 | 7.4 | 7.1 | 6.5 | 5.0 | 3.4 | 2.8 | 3.1 |
| EXTREME MINIMUM | 2.2 | 1.2 | 1.8 | 2.9 | 4.1 | 4.7 | 6.6 | 6.3 | 5.3 | 4.0 | 2.8 | 2.0 | 1.2 |

GLAMORGAN/RHOOSE AIRPORT

1961 - 70

N.G.R. 31/064679

ALTITUDE

67 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.5 | 12.8 | 12.1 | 13.8 | 18.7 | 20.2 | 22.9 | 21.5 | 22.0 | 18.0 | 16.0 | 14.2 | 22.9 |
| EXCEEDED 1% OF TIME | 11.9 | 11.7 | 11.7 | 12.8 | 15.4 | 18.2 | 19.5 | 19.4 | 19.1 | 17.1 | 14.2 | 13.1 | 18.2 |
| EXCEEDED 5% OF TIME | 11.0 | 11.0 | 10.8 | 11.9 | 13.7 | 16.6 | 17.9 | 18.1 | 17.7 | 16.0 | 13.0 | 11.9 | 16.4 |
| EXCEEDED 10% OF TIME | 10.3 | 10.4 | 10.2 | 11.5 | 13.2 | 15.9 | 17.3 | 17.3 | 16.8 | 15.3 | 12.2 | 11.2 | 15.3 |
| EXCEEDED 25% OF TIME | 9.2 | 8.8 | 9.2 | 10.6 | 12.0 | 14.7 | 15.9 | 16.0 | 15.2 | 13.8 | 10.8 | 9.4 | 13.1 |
| EXCEEDED 50% OF TIME | 7.6 | 6.9 | 7.7 | 9.3 | 10.8 | 13.2 | 14.2 | 14.3 | 13.4 | 12.0 | 8.6 | 7.5 | 10.4 |
| EXCEEDED 75% OF TIME | 5.9 | 5.5 | 6.1 | 7.5 | 9.4 | 11.8 | 12.5 | 12.8 | 11.9 | 10.1 | 7.3 | 5.9 | 7.8 |
| EXCEEDED 90% OF TIME | 4.7 | 4.7 | 5.1 | 6.3 | 8.1 | 10.4 | 11.0 | 11.8 | 10.6 | 8.7 | 6.1 | 4.8 | 5.9 |
| EXCEEDED 95% OF TIME | 4.1 | 4.3 | 4.5 | 5.7 | 7.5 | 9.6 | 10.4 | 11.0 | 9.8 | 7.9 | 5.4 | 4.4 | 5.1 |
| EXCEEDED 99% OF TIME | 3.3 | 3.5 | 3.9 | 4.9 | 6.4 | 7.7 | 9.3 | 9.8 | 8.5 | 6.7 | 4.5 | 3.7 | 4.0 |
| EXTREME MINIMUM | 2.8 | 2.8 | 3.1 | 3.9 | 5.3 | 6.4 | 8.4 | 7.8 | 6.7 | 5.3 | 3.5 | 3.0 | 2.8 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.3 | 9.8 | 9.3 | 10.5 | 13.8 | 14.8 | 16.8 | 15.6 | 15.9 | 13.4 | 12.1 | 10.8 | 16.8 |
| EXCEEDED 1% OF TIME | 9.1 | 9.0 | 8.9 | 9.7 | 11.5 | 13.4 | 14.5 | 14.5 | 14.2 | 12.8 | 10.8 | 10.0 | 13.6 |
| EXCEEDED 5% OF TIME | 8.4 | 8.4 | 8.3 | 9.1 | 10.3 | 12.4 | 13.3 | 13.5 | 13.2 | 12.0 | 9.9 | 9.1 | 12.3 |
| EXCEEDED 10% OF TIME | 7.9 | 8.0 | 7.9 | 8.8 | 10.0 | 11.9 | 12.9 | 12.9 | 12.6 | 11.5 | 9.3 | 8.6 | 11.5 |
| EXCEEDED 25% OF TIME | 7.1 | 6.8 | 7.1 | 8.1 | 9.2 | 11.0 | 11.9 | 12.0 | 11.4 | 10.5 | 8.3 | 7.3 | 9.9 |
| EXCEEDED 50% OF TIME | 6.0 | 5.4 | 6.0 | 7.1 | 8.2 | 10.0 | 10.7 | 10.8 | 10.1 | 9.2 | 6.7 | 5.9 | 8.0 |
| EXCEEDED 75% OF TIME | 4.7 | 4.3 | 4.8 | 5.8 | 7.2 | 8.9 | 9.4 | 9.7 | 9.0 | 7.7 | 5.7 | 4.7 | 6.1 |
| EXCEEDED 90% OF TIME | 3.8 | 3.7 | 4.0 | 4.9 | 6.3 | 7.9 | 8.4 | 8.9 | 8.1 | 6.7 | 4.8 | 3.8 | 4.7 |
| EXCEEDED 95% OF TIME | 3.3 | 3.4 | 3.6 | 4.4 | 5.7 | 7.3 | 7.9 | 8.4 | 7.5 | 6.1 | 4.2 | 3.5 | 4.0 |
| EXCEEDED 99% OF TIME | 2.7 | 2.8 | 3.1 | 3.9 | 4.9 | 5.9 | 7.1 | 7.4 | 6.6 | 5.2 | 3.5 | 3.0 | 3.2 |
| EXTREME MINIMUM | 2.3 | 2.3 | 2.5 | 3.1 | 4.2 | 5.0 | 6.4 | 6.1 | 5.3 | 4.2 | 2.7 | 2.4 | 2.3 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

MILFORD HAVEN
N.G.R. 12/892054

ALTITUDE 37 METRES

1965 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.1 | 12.4 | 12.0 | 13.3 | 15.3 | 19.2 | 22.6 | 22.1 | 19.0 | 17.6 | 16.0 | 14.0 | 22.6 |
| EXCEEDED 1% OF TIME | 12.6 | 12.1 | 11.5 | 12.4 | 14.5 | 18.2 | 19.1 | 19.5 | 18.3 | 17.3 | 14.8 | 13.5 | 18.2 |
| EXCEEDED 5% OF TIME | 11.9 | 11.2 | 10.9 | 11.8 | 13.4 | 16.4 | 17.8 | 18.2 | 17.4 | 16.6 | 13.7 | 12.7 | 16.6 |
| EXCEEDED 10% OF TIME | 11.4 | 10.5 | 10.4 | 11.5 | 12.9 | 15.9 | 17.1 | 17.6 | 16.8 | 16.1 | 13.1 | 12.3 | 15.6 |
| EXCEEDED 25% OF TIME | 10.0 | 8.7 | 9.6 | 10.7 | 12.1 | 14.9 | 15.9 | 16.5 | 15.6 | 15.1 | 10.8 | 10.7 | 13.6 |
| EXCEEDED 50% OF TIME | 8.6 | 7.0 | 8.2 | 9.0 | 11.1 | 13.6 | 14.5 | 14.9 | 14.0 | 13.2 | 8.6 | 8.5 | 10.9 |
| EXCEEDED 75% OF TIME | 6.7 | 5.9 | 6.7 | 7.3 | 9.9 | 12.3 | 12.9 | 13.5 | 12.4 | 10.6 | 7.3 | 6.9 | 8.3 |
| EXCEEDED 90% OF TIME | 5.5 | 5.1 | 5.4 | 6.4 | 8.7 | 10.9 | 11.6 | 12.3 | 11.1 | 9.1 | 6.3 | 5.7 | 6.4 |
| EXCEEDED 95% OF TIME | 5.0 | 4.8 | 4.9 | 5.9 | 7.7 | 10.3 | 11.1 | 11.5 | 10.4 | 8.4 | 5.8 | 5.3 | 5.6 |
| EXCEEDED 99% OF TIME | 4.4 | 4.0 | 4.3 | 5.1 | 6.3 | 9.0 | 10.1 | 10.1 | 9.1 | 7.2 | 5.1 | 4.5 | 4.7 |
| EXTREME MINIMUM | 3.7 | 2.7 | 3.3 | 4.7 | 5.7 | 6.8 | 9.2 | 8.3 | 7.9 | 6.2 | 4.5 | 3.7 | 2.7 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 9.5 | 9.1 | 10.0 | 11.5 | 14.3 | 16.6 | 16.3 | 14.2 | 13.2 | 12.1 | 10.6 | 16.6 |
| EXCEEDED 1% OF TIME | 9.6 | 9.3 | 8.8 | 9.4 | 10.9 | 13.5 | 14.2 | 14.6 | 13.6 | 13.0 | 11.2 | 10.2 | 13.5 |
| EXCEEDED 5% OF TIME | 9.1 | 8.6 | 8.3 | 9.0 | 10.1 | 12.3 | 13.3 | 13.6 | 13.0 | 12.5 | 10.4 | 9.7 | 12.5 |
| EXCEEDED 10% OF TIME | 8.7 | 8.1 | 8.0 | 8.8 | 9.8 | 11.9 | 12.8 | 13.1 | 12.6 | 12.1 | 10.0 | 9.4 | 11.8 |
| EXCEEDED 25% OF TIME | 7.7 | 6.7 | 7.4 | 8.2 | 9.2 | 11.2 | 11.9 | 12.4 | 11.8 | 11.4 | 8.3 | 8.2 | 10.3 |
| EXCEEDED 50% OF TIME | 6.7 | 5.5 | 6.4 | 6.9 | 8.5 | 10.3 | 10.9 | 11.2 | 10.6 | 10.0 | 6.6 | 6.6 | 8.3 |
| EXCEEDED 75% OF TIME | 5.3 | 4.7 | 5.2 | 5.7 | 7.6 | 9.3 | 9.7 | 10.1 | 9.4 | 8.0 | 5.6 | 5.3 | 6.4 |
| EXCEEDED 90% OF TIME | 4.4 | 4.0 | 4.3 | 4.9 | 6.7 | 8.2 | 8.8 | 9.3 | 8.5 | 6.9 | 4.9 | 4.5 | 5.0 |
| EXCEEDED 95% OF TIME | 4.0 | 3.7 | 3.9 | 4.5 | 6.0 | 7.7 | 8.4 | 8.7 | 7.9 | 6.5 | 4.6 | 4.2 | 4.4 |
| EXCEEDED 99% OF TIME | 3.5 | 3.2 | 3.4 | 4.0 | 4.9 | 6.9 | 7.7 | 7.7 | 7.0 | 5.6 | 4.0 | 3.5 | 3.7 |
| EXTREME MINIMUM | 3.0 | 2.2 | 2.5 | 3.6 | 4.4 | 5.2 | 6.9 | 6.3 | 6.1 | 4.8 | 3.6 | 3.0 | 2.2 |

8B ENGLAND SOUTH WEST
BOURNEMOUTH/HURN AIRPORT
N.G.R. 40/117978

ALTITUDE 10 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.0 | 12.8 | 12.6 | 14.2 | 17.2 | 20.5 | 21.8 | 21.5 | 20.9 | 20.1 | 16.6 | 14.4 | 21.8 |
| EXCEEDED 1% OF TIME | 12.2 | 12.2 | 11.7 | 13.0 | 15.3 | 18.4 | 19.9 | 19.6 | 19.3 | 17.6 | 15.0 | 13.6 | 18.4 |
| EXCEEDED 5% OF TIME | 11.4 | 11.2 | 11.0 | 12.3 | 13.9 | 16.6 | 18.3 | 18.3 | 18.1 | 16.4 | 13.6 | 12.4 | 16.6 |
| EXCEEDED 10% OF TIME | 10.7 | 10.5 | 10.4 | 11.7 | 13.2 | 15.8 | 17.5 | 17.6 | 17.2 | 15.7 | 12.8 | 11.4 | 15.5 |
| EXCEEDED 25% OF TIME | 9.4 | 8.7 | 9.2 | 10.6 | 12.0 | 14.6 | 16.2 | 16.2 | 15.6 | 14.0 | 10.9 | 9.3 | 13.0 |
| EXCEEDED 50% OF TIME | 7.4 | 6.7 | 7.6 | 9.1 | 10.6 | 13.1 | 14.0 | 14.4 | 13.5 | 11.8 | 8.7 | 7.2 | 10.4 |
| EXCEEDED 75% OF TIME | 5.7 | 5.3 | 5.9 | 7.3 | 9.2 | 11.5 | 12.3 | 12.6 | 11.6 | 9.7 | 7.3 | 5.7 | 7.6 |
| EXCEEDED 90% OF TIME | 4.5 | 4.4 | 4.7 | 6.0 | 8.1 | 10.0 | 10.8 | 11.2 | 10.2 | 8.1 | 6.0 | 4.6 | 5.7 |
| EXCEEDED 95% OF TIME | 3.7 | 4.0 | 4.2 | 5.5 | 7.4 | 9.3 | 10.0 | 10.4 | 9.2 | 7.3 | 5.2 | 4.0 | 4.8 |
| EXCEEDED 99% OF TIME | 2.9 | 3.6 | 3.5 | 4.6 | 5.9 | 7.7 | 8.9 | 8.7 | 7.7 | 6.0 | 4.2 | 3.3 | 3.7 |
| EXTREME MINIMUM | 2.3 | 2.9 | 3.0 | 4.0 | 4.6 | 6.2 | 7.4 | 7.2 | 6.2 | 5.2 | 3.5 | 2.6 | 2.3 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.9 | 9.8 | 9.5 | 10.6 | 12.8 | 15.2 | 15.9 | 15.8 | 15.2 | 14.9 | 12.5 | 10.9 | 15.9 |
| EXCEEDED 1% OF TIME | 9.3 | 9.4 | 8.9 | 9.8 | 11.4 | 13.7 | 14.6 | 14.5 | 14.3 | 13.1 | 11.3 | 10.3 | 13.7 |
| EXCEEDED 5% OF TIME | 8.7 | 8.6 | 8.4 | 9.3 | 10.5 | 12.4 | 13.6 | 13.6 | 13.5 | 12.3 | 10.3 | 9.5 | 12.4 |
| EXCEEDED 10% OF TIME | 8.2 | 8.1 | 8.0 | 8.9 | 9.9 | 11.9 | 13.0 | 13.1 | 12.8 | 11.8 | 9.7 | 8.7 | 11.6 |
| EXCEEDED 25% OF TIME | 7.2 | 6.7 | 7.1 | 8.1 | 9.2 | 11.0 | 12.1 | 12.1 | 11.7 | 10.6 | 8.4 | 7.2 | 9.9 |
| EXCEEDED 50% OF TIME | 5.8 | 5.3 | 5.9 | 7.0 | 8.1 | 9.8 | 10.6 | 10.8 | 10.2 | 9.0 | 6.7 | 5.6 | 7.9 |
| EXCEEDED 75% OF TIME | 4.5 | 4.2 | 4.6 | 5.6 | 7.0 | 8.7 | 9.2 | 9.5 | 8.8 | 7.5 | 5.7 | 4.5 | 5.9 |
| EXCEEDED 90% OF TIME | 3.6 | 3.5 | 3.7 | 4.7 | 6.2 | 7.6 | 8.2 | 8.5 | 7.7 | 6.3 | 4.7 | 3.7 | 4.5 |
| EXCEEDED 95% OF TIME | 3.0 | 3.2 | 3.4 | 4.3 | 5.7 | 7.0 | 7.6 | 7.9 | 7.0 | 5.7 | 4.1 | 3.2 | 3.8 |
| EXCEEDED 99% OF TIME | 2.4 | 2.9 | 2.8 | 3.6 | 4.6 | 6.0 | 6.8 | 6.8 | 6.0 | 4.7 | 3.3 | 2.7 | 3.0 |
| EXTREME MINIMUM | 1.9 | 2.3 | 2.4 | 3.1 | 3.5 | 4.9 | 5.8 | 5.6 | 4.9 | 4.1 | 2.8 | 2.1 | 1.9 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

BRISTOL FILTON
N.G.R. 31/600805

ALTITUDE 59 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.6 | 13.6 | 12.4 | 15.2 | 17.8 | 21.7 | 26.6 | 21.7 | 21.9 | 20.1 | 15.7 | 14.8 | 26.6 |
| EXCEEDED 1% OF TIME | 12.4 | 12.2 | 11.8 | 13.2 | 16.2 | 18.4 | 20.3 | 19.4 | 19.2 | 17.2 | 14.5 | 13.6 | 18.4 |
| EXCEEDED 5% OF TIME | 11.3 | 11.0 | 11.0 | 12.2 | 14.0 | 16.7 | 18.3 | 18.2 | 17.4 | 16.0 | 12.9 | 12.0 | 16.4 |
| EXCEEDED 10% OF TIME | 10.5 | 10.3 | 10.4 | 11.6 | 13.4 | 16.0 | 17.4 | 17.2 | 16.6 | 15.1 | 12.1 | 11.0 | 15.1 |
| EXCEEDED 25% OF TIME | 9.0 | 8.5 | 9.0 | 10.5 | 12.2 | 14.6 | 15.8 | 15.8 | 14.9 | 13.5 | 10.4 | 9.0 | 12.9 |
| EXCEEDED 50% OF TIME | 7.3 | 6.7 | 7.5 | 9.0 | 10.5 | 13.0 | 13.8 | 14.0 | 13.1 | 11.6 | 8.4 | 7.2 | 10.3 |
| EXCEEDED 75% OF TIME | 5.8 | 5.4 | 6.0 | 7.3 | 9.1 | 11.4 | 12.2 | 12.4 | 11.6 | 9.7 | 7.2 | 5.7 | 7.5 |
| EXCEEDED 90% OF TIME | 4.5 | 4.5 | 4.9 | 6.1 | 8.0 | 10.0 | 10.8 | 11.3 | 10.3 | 8.4 | 6.1 | 4.6 | 5.8 |
| EXCEEDED 95% OF TIME | 3.7 | 4.1 | 4.4 | 5.6 | 7.4 | 9.3 | 10.2 | 10.6 | 9.7 | 7.7 | 5.3 | 4.1 | 4.9 |
| EXCEEDED 99% OF TIME | 2.7 | 3.6 | 3.6 | 4.9 | 6.4 | 8.1 | 9.0 | 9.4 | 8.3 | 6.4 | 4.3 | 3.5 | 3.8 |
| EXTREME MINIMUM | 1.9 | 2.9 | 2.8 | 3.9 | 5.6 | 6.1 | 7.2 | 8.1 | 7.1 | 5.5 | 3.9 | 3.2 | 1.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.4 | 10.3 | 9.5 | 11.4 | 13.2 | 15.7 | 19.2 | 15.8 | 16.1 | 14.9 | 11.8 | 11.2 | 19.2 |
| EXCEEDED 1% OF TIME | 9.5 | 9.3 | 9.0 | 10.0 | 12.0 | 13.6 | 15.1 | 14.4 | 14.3 | 12.9 | 11.0 | 10.3 | 13.7 |
| EXCEEDED 5% OF TIME | 8.6 | 8.5 | 8.4 | 9.3 | 10.5 | 12.5 | 13.6 | 13.5 | 13.0 | 12.0 | 9.8 | 9.2 | 12.2 |
| EXCEEDED 10% OF TIME | 8.0 | 7.9 | 7.9 | 8.9 | 10.1 | 12.0 | 13.0 | 12.8 | 12.4 | 11.4 | 9.2 | 8.4 | 11.3 |
| EXCEEDED 25% OF TIME | 7.0 | 6.6 | 7.0 | 8.0 | 9.2 | 11.0 | 11.8 | 11.8 | 11.2 | 10.2 | 8.0 | 7.0 | 9.7 |
| EXCEEDED 50% OF TIME | 5.7 | 5.2 | 5.8 | 7.0 | 8.0 | 9.8 | 10.4 | 10.5 | 9.9 | 8.9 | 6.5 | 5.6 | 7.8 |
| EXCEEDED 75% OF TIME | 4.5 | 4.3 | 4.7 | 5.6 | 7.0 | 8.6 | 9.2 | 9.4 | 8.8 | 7.5 | 5.6 | 4.5 | 5.9 |
| EXCEEDED 90% OF TIME | 3.6 | 3.5 | 3.9 | 4.8 | 6.1 | 7.5 | 8.2 | 8.5 | 7.8 | 6.5 | 4.7 | 3.7 | 4.6 |
| EXCEEDED 95% OF TIME | 3.0 | 3.2 | 3.5 | 4.4 | 5.7 | 7.1 | 7.7 | 8.0 | 7.4 | 6.0 | 4.2 | 3.3 | 3.9 |
| EXCEEDED 99% OF TIME | 2.2 | 2.9 | 2.9 | 3.8 | 4.9 | 6.2 | 6.8 | 7.1 | 6.4 | 5.0 | 3.4 | 2.8 | 3.0 |
| EXTREME MINIMUM | 1.6 | 2.3 | 2.2 | 3.1 | 4.4 | 4.8 | 5.2 | 6.0 | 5.6 | 4.3 | 3.1 | 2.5 | 1.6 |

CHIVENOR

N.G.R. 21/494347

ALTITUDE 6 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.4 | 14.0 | 13.3 | 14.4 | 18.6 | 21.2 | 22.4 | 22.1 | 23.2 | 18.6 | 16.1 | 14.6 | 23.2 |
| EXCEEDED 1% OF TIME | 12.7 | 12.4 | 12.3 | 13.4 | 15.8 | 18.6 | 19.9 | 19.6 | 19.1 | 17.5 | 14.7 | 13.8 | 18.5 |
| EXCEEDED 5% OF TIME | 11.8 | 11.6 | 11.4 | 12.4 | 14.2 | 16.8 | 18.4 | 18.3 | 17.7 | 16.1 | 13.4 | 12.5 | 16.7 |
| EXCEEDED 10% OF TIME | 11.0 | 11.0 | 10.9 | 12.0 | 13.5 | 16.2 | 17.6 | 17.6 | 16.9 | 15.4 | 12.7 | 11.8 | 15.6 |
| EXCEEDED 25% OF TIME | 9.7 | 9.3 | 9.7 | 11.0 | 12.3 | 15.0 | 16.3 | 16.3 | 15.3 | 14.0 | 11.0 | 9.9 | 13.5 |
| EXCEEDED 50% OF TIME | 8.0 | 7.3 | 8.1 | 9.7 | 11.1 | 13.6 | 14.7 | 14.8 | 13.6 | 12.2 | 8.9 | 7.9 | 10.9 |
| EXCEEDED 75% OF TIME | 6.1 | 5.9 | 6.4 | 8.0 | 9.9 | 12.3 | 13.0 | 13.4 | 12.2 | 10.4 | 7.6 | 6.2 | 8.2 |
| EXCEEDED 90% OF TIME | 4.9 | 4.9 | 5.3 | 6.8 | 8.7 | 10.9 | 11.8 | 12.4 | 11.0 | 8.9 | 6.4 | 5.1 | 6.3 |
| EXCEEDED 95% OF TIME | 4.3 | 4.5 | 4.9 | 6.2 | 8.0 | 10.2 | 11.2 | 11.6 | 10.3 | 8.0 | 5.8 | 4.6 | 5.4 |
| EXCEEDED 99% OF TIME | 3.2 | 4.0 | 4.1 | 5.4 | 6.7 | 8.6 | 10.2 | 10.5 | 9.0 | 7.0 | 4.9 | 3.9 | 4.3 |
| EXTREME MINIMUM | 2.9 | 3.5 | 3.0 | 4.5 | 6.2 | 6.6 | 9.3 | 9.2 | 7.9 | 5.9 | 4.4 | 3.3 | 2.9 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.2 | 10.6 | 10.0 | 10.9 | 13.7 | 15.5 | 16.5 | 16.2 | 16.8 | 13.9 | 12.1 | 11.0 | 16.8 |
| EXCEEDED 1% OF TIME | 9.7 | 9.5 | 9.4 | 10.2 | 11.8 | 13.8 | 14.7 | 14.6 | 14.3 | 13.1 | 11.1 | 10.5 | 13.8 |
| EXCEEDED 5% OF TIME | 9.0 | 8.9 | 8.7 | 9.5 | 10.7 | 12.6 | 13.7 | 13.7 | 13.2 | 12.1 | 10.2 | 9.5 | 12.5 |
| EXCEEDED 10% OF TIME | 8.5 | 8.4 | 8.4 | 9.1 | 10.2 | 12.1 | 13.1 | 13.1 | 12.6 | 11.6 | 9.6 | 9.0 | 11.7 |
| EXCEEDED 25% OF TIME | 7.5 | 7.2 | 7.4 | 8.4 | 9.4 | 11.3 | 12.2 | 12.2 | 11.5 | 10.6 | 8.4 | 7.6 | 10.2 |
| EXCEEDED 50% OF TIME | 6.2 | 5.7 | 6.2 | 7.4 | 8.4 | 10.2 | 11.0 | 11.1 | 10.2 | 9.3 | 6.8 | 6.1 | 8.3 |
| EXCEEDED 75% OF TIME | 4.8 | 4.6 | 5.0 | 6.2 | 7.6 | 9.3 | 9.8 | 10.1 | 9.3 | 7.9 | 5.9 | 4.9 | 6.4 |
| EXCEEDED 90% OF TIME | 3.9 | 3.9 | 4.1 | 5.2 | 6.7 | 8.2 | 8.9 | 9.3 | 8.4 | 6.8 | 5.0 | 4.0 | 4.9 |
| EXCEEDED 95% OF TIME | 3.4 | 3.5 | 3.9 | 4.8 | 6.1 | 7.7 | 8.4 | 8.7 | 7.8 | 6.2 | 4.5 | 3.7 | 4.2 |
| EXCEEDED 99% OF TIME | 2.6 | 3.2 | 3.3 | 4.2 | 5.2 | 6.6 | 7.7 | 8.0 | 6.9 | 5.4 | 3.9 | 3.1 | 3.4 |
| EXTREME MINIMUM | 2.3 | 2.8 | 2.4 | 3.5 | 4.8 | 5.1 | 7.1 | 7.1 | 6.2 | 4.6 | 3.4 | 2.6 | 2.3 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

EXETER AIRPORT
N.G.R. 30/001933

ALTITUDE 32 METRES

1961 - 70

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 14.0 | 13.4 | 12.7 | 14.7 | 20.0 | 20.4 | 26.3 | 22.8 | 22.3 | 20.0 | 16.2 | 14.7 | 26.3 |
| EXCEEDED 1% OF TIME | 12.6 | 12.5 | 12.1 | 13.2 | 15.3 | 18.9 | 20.0 | 19.9 | 19.4 | 17.5 | 14.9 | 13.8 | 18.5 |
| EXCEEDED 5% OF TIME | 11.8 | 11.5 | 11.2 | 12.3 | 14.0 | 16.9 | 18.3 | 18.3 | 17.8 | 16.4 | 13.3 | 12.4 | 16.7 |
| EXCEEDED 10% OF TIME | 11.1 | 10.7 | 10.6 | 11.9 | 13.4 | 16.1 | 17.4 | 17.7 | 17.1 | 15.8 | 12.7 | 11.6 | 15.6 |
| EXCEEDED 25% OF TIME | 9.6 | 9.2 | 9.4 | 10.9 | 12.4 | 14.8 | 16.1 | 16.2 | 15.5 | 14.1 | 11.0 | 9.6 | 13.2 |
| EXCEEDED 50% OF TIME | 7.9 | 7.1 | 7.8 | 9.4 | 10.8 | 13.2 | 14.2 | 14.4 | 13.6 | 12.1 | 8.9 | 7.7 | 10.7 |
| EXCEEDED 75% OF TIME | 5.9 | 5.6 | 6.2 | 7.7 | 9.5 | 11.7 | 12.6 | 12.9 | 12.0 | 10.2 | 7.4 | 6.0 | 8.0 |
| EXCEEDED 90% OF TIME | 4.5 | 4.7 | 5.1 | 6.5 | 8.5 | 10.4 | 11.3 | 11.7 | 10.5 | 8.5 | 6.2 | 4.8 | 6.0 |
| EXCEEDED 95% OF TIME | 3.9 | 4.3 | 4.6 | 6.0 | 7.7 | 9.7 | 10.7 | 11.2 | 9.8 | 7.9 | 5.5 | 4.3 | 5.1 |
| EXCEEDED 99% OF TIME | 2.9 | 3.8 | 4.1 | 5.1 | 6.5 | 8.1 | 9.8 | 9.9 | 8.4 | 6.5 | 4.4 | 3.6 | 4.0 |
| EXTREME MINIMUM | 2.2 | 3.0 | 2.8 | 4.3 | 5.3 | 6.3 | 8.8 | 7.8 | 7.0 | 6.1 | 3.7 | 3.2 | 2.2 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.6 | 10.2 | 9.7 | 11.0 | 14.5 | 14.9 | 19.1 | 16.8 | 16.3 | 14.8 | 12.2 | 11.1 | 19.1 |
| EXCEEDED 1% OF TIME | 9.6 | 9.5 | 9.2 | 10.0 | 11.4 | 13.9 | 14.6 | 14.7 | 14.5 | 13.1 | 11.3 | 10.4 | 13.7 |
| EXCEEDED 5% OF TIME | 9.0 | 8.8 | 8.6 | 9.4 | 10.6 | 12.6 | 13.5 | 13.6 | 13.3 | 12.3 | 10.1 | 9.4 | 12.4 |
| EXCEEDED 10% OF TIME | 8.5 | 8.2 | 8.2 | 9.1 | 10.2 | 12.1 | 12.9 | 13.1 | 12.8 | 11.9 | 9.7 | 8.9 | 11.6 |
| EXCEEDED 25% OF TIME | 7.4 | 7.1 | 7.2 | 8.3 | 9.4 | 11.1 | 12.0 | 12.1 | 11.6 | 10.7 | 8.4 | 7.4 | 10.0 |
| EXCEEDED 50% OF TIME | 6.1 | 5.5 | 6.1 | 7.2 | 8.2 | 9.9 | 10.7 | 10.9 | 10.2 | 9.2 | 6.9 | 6.0 | 8.1 |
| EXCEEDED 75% OF TIME | 4.7 | 4.4 | 4.9 | 6.0 | 7.3 | 8.9 | 9.5 | 9.8 | 9.1 | 7.8 | 5.8 | 4.7 | 6.2 |
| EXCEEDED 90% OF TIME | 3.6 | 3.7 | 4.0 | 5.1 | 6.5 | 7.9 | 8.5 | 8.9 | 8.1 | 6.6 | 4.8 | 3.8 | 4.7 |
| EXCEEDED 95% OF TIME | 3.1 | 3.4 | 3.6 | 4.7 | 6.0 | 7.4 | 8.1 | 8.4 | 7.5 | 6.1 | 4.3 | 3.4 | 4.1 |
| EXCEEDED 99% OF TIME | 2.4 | 3.0 | 3.2 | 4.0 | 5.1 | 6.2 | 7.4 | 7.6 | 6.6 | 5.1 | 3.5 | 2.9 | 3.2 |
| EXTREME MINIMUM | 1.8 | 2.4 | 2.3 | 3.4 | 4.2 | 4.9 | 6.5 | 5.8 | 5.5 | 4.8 | 2.9 | 2.6 | 1.8 |

PLYMOUTH/MOUNTBATTEN

1961 - 70

N.G.R. 20/492529

ALTITUDE 27 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.3 | 13.2 | 12.4 | 13.9 | 16.9 | 21.4 | 22.4 | 21.0 | 20.4 | 18.0 | 16.1 | 14.5 | 22.4 |
| EXCEEDED 1% OF TIME | 12.8 | 12.4 | 12.1 | 12.9 | 15.2 | 18.0 | 19.4 | 19.6 | 18.8 | 17.2 | 15.1 | 13.9 | 18.4 |
| EXCEEDED 5% OF TIME | 12.2 | 11.9 | 11.4 | 12.4 | 14.0 | 16.6 | 18.2 | 18.4 | 17.9 | 16.3 | 14.1 | 13.0 | 16.8 |
| EXCEEDED 10% OF TIME | 11.8 | 11.3 | 11.0 | 12.1 | 13.5 | 16.0 | 17.4 | 17.8 | 17.1 | 15.8 | 13.4 | 12.4 | 15.8 |
| EXCEEDED 25% OF TIME | 10.3 | 9.7 | 10.0 | 11.2 | 12.5 | 15.0 | 16.3 | 16.6 | 16.0 | 14.7 | 11.7 | 10.4 | 13.7 |
| EXCEEDED 50% OF TIME | 8.4 | 7.6 | 8.4 | 10.0 | 11.3 | 13.6 | 14.7 | 15.0 | 14.3 | 12.8 | 9.5 | 8.4 | 11.2 |
| EXCEEDED 75% OF TIME | 6.6 | 6.1 | 6.7 | 8.1 | 10.1 | 12.2 | 13.2 | 13.6 | 12.7 | 10.8 | 7.9 | 6.7 | 8.5 |
| EXCEEDED 90% OF TIME | 5.2 | 5.1 | 5.5 | 6.9 | 8.8 | 10.7 | 11.8 | 12.4 | 11.3 | 9.2 | 6.8 | 5.5 | 6.6 |
| EXCEEDED 95% OF TIME | 4.5 | 4.7 | 4.9 | 6.4 | 8.1 | 9.9 | 11.2 | 11.7 | 10.4 | 8.6 | 6.1 | 4.9 | 5.7 |
| EXCEEDED 99% OF TIME | 3.7 | 3.9 | 4.3 | 5.6 | 6.9 | 8.5 | 10.3 | 10.6 | 9.1 | 7.4 | 5.2 | 4.1 | 4.5 |
| EXTREME MINIMUM | 3.1 | 3.6 | 3.3 | 4.7 | 4.9 | 6.9 | 8.8 | 9.3 | 7.9 | 6.9 | 4.4 | 3.6 | 3.1 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.1 | 10.1 | 9.5 | 10.5 | 12.5 | 15.7 | 16.5 | 15.4 | 15.2 | 13.5 | 12.2 | 11.0 | 16.5 |
| EXCEEDED 1% OF TIME | 9.8 | 9.5 | 9.3 | 9.8 | 11.4 | 13.3 | 14.4 | 14.6 | 14.0 | 12.9 | 11.4 | 10.6 | 13.7 |
| EXCEEDED 5% OF TIME | 9.3 | 9.1 | 8.8 | 9.5 | 10.6 | 12.4 | 13.5 | 13.7 | 13.4 | 12.2 | 10.7 | 9.9 | 12.6 |
| EXCEEDED 10% OF TIME | 9.0 | 8.7 | 8.5 | 9.2 | 10.2 | 12.0 | 13.0 | 13.2 | 12.8 | 11.9 | 10.1 | 9.5 | 11.9 |
| EXCEEDED 25% OF TIME | 7.9 | 7.5 | 7.7 | 8.6 | 9.5 | 11.3 | 12.2 | 12.4 | 12.0 | 11.1 | 8.9 | 8.0 | 10.4 |
| EXCEEDED 50% OF TIME | 6.5 | 5.9 | 6.5 | 7.6 | 8.6 | 10.3 | 11.1 | 11.3 | 10.7 | 9.7 | 7.3 | 6.5 | 8.6 |
| EXCEEDED 75% OF TIME | 5.2 | 4.8 | 5.3 | 6.3 | 7.7 | 9.2 | 9.9 | 10.3 | 9.6 | 8.2 | 6.1 | 5.3 | 6.6 |
| EXCEEDED 90% OF TIME | 4.1 | 4.0 | 4.3 | 5.4 | 6.7 | 8.1 | 8.9 | 9.4 | 8.6 | 7.1 | 5.3 | 4.4 | 5.2 |
| EXCEEDED 95% OF TIME | 3.6 | 3.7 | 3.9 | 5.0 | 6.2 | 7.5 | 8.5 | 8.9 | 8.0 | 6.6 | 4.8 | 3.9 | 4.5 |
| EXCEEDED 99% OF TIME | 3.0 | 3.1 | 3.4 | 4.4 | 5.3 | 6.5 | 7.8 | 8.0 | 7.0 | 5.8 | 4.1 | 3.3 | 3.6 |
| EXTREME MINIMUM | 2.5 | 2.8 | 2.7 | 3.7 | 3.7 | 5.3 | 6.0 | 7.1 | 6.1 | 5.3 | 3.4 | 2.9 | 2.5 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

ST MAWGAN

1961 - 70

N.G.R. 10/873642

ALTITUDE 103 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.8 | 13.8 | 12.8 | 13.8 | 16.3 | 20.7 | 20.8 | 21.7 | 21.4 | 18.4 | 16.4 | 14.9 | 21.7 |
| EXCEEDED 1% OF TIME | 13.0 | 12.7 | 12.3 | 13.4 | 14.7 | 17.5 | 19.4 | 19.3 | 19.0 | 17.4 | 15.2 | 14.0 | 18.2 |
| EXCEEDED 5% OF TIME | 12.1 | 12.0 | 11.6 | 12.4 | 13.7 | 16.5 | 18.0 | 18.2 | 17.7 | 16.1 | 13.8 | 13.0 | 15.6 |
| EXCEEDED 10% OF TIME | 11.6 | 11.3 | 11.2 | 12.0 | 13.2 | 15.8 | 17.2 | 17.5 | 16.9 | 15.6 | 13.0 | 12.3 | 15.6 |
| EXCEEDED 25% OF TIME | 10.1 | 9.6 | 10.0 | 11.2 | 12.2 | 14.6 | 16.0 | 16.3 | 15.7 | 14.4 | 11.4 | 10.5 | 13.5 |
| EXCEEDED 50% OF TIME | 8.3 | 7.5 | 8.5 | 9.8 | 11.0 | 13.4 | 14.4 | 14.8 | 14.0 | 12.6 | 9.3 | 8.5 | 11.1 |
| EXCEEDED 75% OF TIME | 6.5 | 5.9 | 6.8 | 8.1 | 9.8 | 12.0 | 13.0 | 13.2 | 12.5 | 10.5 | 7.7 | 6.6 | 8.5 |
| EXCEEDED 90% OF TIME | 5.0 | 5.0 | 5.3 | 6.8 | 8.6 | 10.8 | 11.6 | 12.2 | 11.0 | 9.2 | 6.6 | 5.4 | 6.4 |
| EXCEEDED 95% OF TIME | 4.4 | 4.5 | 4.7 | 6.1 | 7.9 | 9.9 | 10.9 | 11.6 | 10.1 | 8.4 | 6.0 | 4.7 | 5.5 |
| EXCEEDED 99% OF TIME | 3.2 | 4.0 | 3.8 | 5.4 | 6.5 | 7.9 | 10.2 | 10.4 | 9.2 | 7.4 | 4.9 | 3.9 | 4.3 |
| EXTREME MINIMUM | 2.7 | 2.8 | 2.8 | 3.8 | 5.3 | 5.8 | 9.0 | 9.3 | 7.4 | 6.4 | 4.0 | 3.2 | 2.7 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.5 | 10.5 | 9.7 | 10.5 | 12.2 | 15.2 | 15.4 | 15.9 | 15.6 | 13.8 | 12.4 | 11.3 | 15.9 |
| EXCEEDED 1% OF TIME | 9.9 | 9.7 | 9.4 | 10.2 | 11.1 | 13.1 | 14.5 | 14.4 | 14.1 | 13.1 | 11.5 | 10.6 | 13.6 |
| EXCEEDED 5% OF TIME | 9.3 | 9.2 | 8.9 | 9.5 | 10.4 | 12.3 | 13.5 | 13.6 | 13.2 | 12.1 | 10.5 | 9.9 | 12.4 |
| EXCEEDED 10% OF TIME | 8.8 | 8.7 | 8.5 | 9.2 | 10.1 | 11.9 | 12.9 | 13.1 | 12.7 | 11.7 | 9.9 | 9.4 | 11.7 |
| EXCEEDED 25% OF TIME | 7.8 | 7.4 | 7.7 | 8.6 | 9.3 | 11.0 | 12.1 | 12.2 | 11.8 | 10.8 | 8.8 | 8.0 | 10.2 |
| EXCEEDED 50% OF TIME | 6.5 | 5.8 | 6.5 | 7.5 | 8.4 | 10.1 | 10.9 | 11.1 | 10.6 | 9.5 | 7.2 | 6.6 | 8.5 |
| EXCEEDED 75% OF TIME | 5.1 | 4.6 | 5.3 | 6.3 | 7.5 | 9.1 | 9.8 | 10.0 | 9.5 | 8.1 | 6.0 | 5.2 | 6.6 |
| EXCEEDED 90% OF TIME | 4.0 | 3.9 | 4.1 | 5.2 | 6.6 | 8.1 | 8.8 | 9.3 | 8.4 | 7.1 | 5.1 | 4.2 | 5.0 |
| EXCEEDED 95% OF TIME | 3.5 | 3.5 | 3.7 | 4.8 | 6.1 | 7.5 | 8.2 | 8.8 | 7.7 | 6.5 | 4.6 | 3.8 | 4.3 |
| EXCEEDED 99% OF TIME | 2.6 | 3.2 | 3.0 | 4.2 | 5.1 | 6.0 | 7.7 | 7.9 | 7.0 | 5.7 | 3.8 | 3.1 | 3.4 |
| EXTREME MINIMUM | 2.2 | 2.3 | 2.2 | 3.0 | 4.1 | 4.5 | 6.9 | 7.1 | 5.7 | 4.9 | 3.2 | 2.6 | 2.2 |

SCILLY/ST MARY'S

1961 - 70

N.G.R. 00/913121

ALTITUDE 48 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.8 | 13.7 | 13.0 | 14.4 | 15.8 | 18.6 | 20.0 | 20.0 | 20.6 | 18.3 | 16.0 | 15.0 | 20.6 |
| EXCEEDED 1% OF TIME | 13.2 | 12.9 | 12.5 | 13.5 | 14.8 | 17.4 | 19.1 | 19.4 | 19.4 | 17.3 | 15.4 | 14.1 | 18.4 |
| EXCEEDED 5% OF TIME | 12.6 | 12.3 | 12.1 | 12.7 | 14.0 | 16.6 | 17.9 | 18.5 | 18.0 | 16.4 | 14.2 | 13.4 | 17.0 |
| EXCEEDED 10% OF TIME | 12.2 | 11.8 | 11.7 | 12.4 | 13.5 | 16.2 | 17.3 | 18.0 | 17.4 | 16.0 | 13.6 | 12.9 | 16.2 |
| EXCEEDED 25% OF TIME | 11.0 | 10.3 | 10.9 | 11.7 | 12.8 | 15.2 | 16.5 | 17.0 | 16.5 | 15.0 | 12.3 | 11.5 | 14.2 |
| EXCEEDED 50% OF TIME | 9.1 | 8.5 | 9.3 | 10.7 | 11.8 | 14.0 | 15.3 | 15.7 | 15.0 | 13.3 | 10.3 | 9.3 | 11.8 |
| EXCEEDED 75% OF TIME | 7.4 | 6.8 | 7.4 | 8.8 | 10.7 | 12.8 | 13.9 | 14.3 | 13.2 | 11.4 | 8.6 | 7.7 | 9.4 |
| EXCEEDED 90% OF TIME | 5.9 | 5.7 | 6.1 | 7.4 | 9.8 | 11.6 | 12.7 | 13.3 | 12.0 | 9.8 | 7.5 | 6.4 | 7.3 |
| EXCEEDED 95% OF TIME | 5.3 | 5.1 | 5.5 | 6.8 | 9.1 | 10.9 | 12.0 | 12.5 | 11.4 | 8.9 | 6.6 | 5.5 | 6.3 |
| EXCEEDED 99% OF TIME | 4.2 | 4.3 | 4.5 | 5.8 | 7.6 | 9.7 | 11.0 | 11.5 | 9.5 | 7.9 | 5.6 | 4.5 | 4.9 |
| EXTREME MINIMUM | 2.6 | 3.3 | 3.6 | 4.1 | 6.5 | 8.3 | 9.9 | 8.3 | 8.3 | 5.9 | 5.1 | 4.0 | 2.6 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.5 | 10.4 | 9.9 | 10.8 | 11.8 | 13.7 | 14.9 | 14.8 | 15.3 | 13.7 | 12.1 | 11.4 | 15.3 |
| EXCEEDED 1% OF TIME | 10.1 | 9.8 | 9.5 | 10.2 | 11.2 | 13.0 | 14.3 | 14.5 | 14.5 | 13.0 | 11.7 | 10.7 | 13.7 |
| EXCEEDED 5% OF TIME | 9.6 | 9.4 | 9.3 | 9.7 | 10.6 | 12.4 | 13.4 | 13.8 | 13.5 | 12.4 | 10.8 | 10.2 | 12.8 |
| EXCEEDED 10% OF TIME | 9.3 | 9.1 | 9.0 | 9.4 | 10.3 | 12.1 | 13.0 | 13.5 | 13.0 | 12.1 | 10.4 | 9.9 | 12.1 |
| EXCEEDED 25% OF TIME | 8.4 | 7.9 | 8.4 | 8.9 | 9.7 | 11.5 | 12.4 | 12.7 | 12.4 | 11.4 | 9.4 | 8.8 | 10.7 |
| EXCEEDED 50% OF TIME | 7.0 | 6.5 | 7.2 | 8.2 | 9.0 | 10.6 | 11.5 | 11.8 | 11.3 | 10.1 | 7.9 | 7.2 | 9.0 |
| EXCEEDED 75% OF TIME | 5.8 | 5.3 | 5.7 | 6.8 | 8.2 | 9.7 | 10.5 | 10.7 | 10.0 | 8.6 | 6.6 | 5.9 | 7.2 |
| EXCEEDED 90% OF TIME | 4.6 | 4.4 | 4.8 | 5.7 | 7.5 | 8.8 | 9.6 | 10.0 | 9.1 | 7.5 | 5.8 | 4.9 | 5.7 |
| EXCEEDED 95% OF TIME | 4.1 | 4.0 | 4.3 | 5.2 | 7.0 | 8.3 | 9.1 | 9.4 | 8.6 | 6.8 | 5.1 | 4.3 | 4.9 |
| EXCEEDED 99% OF TIME | 3.4 | 3.4 | 3.5 | 4.5 | 5.9 | 7.3 | 8.3 | 8.7 | 7.2 | 6.1 | 4.4 | 3.6 | 3.8 |
| EXTREME MINIMUM | 2.1 | 2.6 | 2.8 | 3.2 | 5.0 | 6.3 | 7.5 | 6.2 | 6.3 | 4.5 | 3.9 | 3.2 | 2.1 |

FREQUENCY DISTRIBUTION OF VAPOUR PRESSURE AND VAPOUR CONCENTRATION
OVER GREAT BRITAIN AND NORTHERN IRELAND
BASED ON OBSERVATIONS AT 03.09.15 AND 21 GMT

NORTHERN IRELAND
BALLYKELLY

1961 - 70

N.G.R. 24/624234 ALTITUDE 2 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 13.1 | 13.0 | 13.6 | 14.2 | 16.5 | 19.8 | 24.0 | 20.4 | 19.5 | 18.9 | 16.1 | 13.2 | 24.0 |
| EXCEEDED 1% OF TIME | 12.0 | 11.9 | 12.0 | 13.0 | 14.4 | 18.0 | 18.4 | 18.6 | 17.7 | 16.6 | 13.7 | 12.3 | 17.2 |
| EXCEEDED 5% OF TIME | 10.8 | 10.5 | 11.0 | 11.8 | 13.0 | 16.0 | 16.6 | 17.2 | 16.1 | 14.7 | 11.9 | 11.4 | 15.1 |
| EXCEEDED 10% OF TIME | 9.9 | 9.4 | 10.1 | 11.2 | 12.4 | 15.1 | 15.7 | 16.2 | 15.4 | 14.0 | 11.1 | 10.4 | 13.9 |
| EXCEEDED 25% OF TIME | 8.5 | 8.2 | 9.0 | 9.7 | 11.1 | 13.6 | 14.2 | 14.5 | 13.8 | 12.6 | 9.6 | 8.8 | 12.0 |
| EXCEEDED 50% OF TIME | 7.2 | 6.8 | 7.6 | 8.5 | 9.9 | 12.1 | 12.6 | 13.0 | 12.2 | 11.0 | 8.1 | 7.4 | 9.7 |
| EXCEEDED 75% OF TIME | 6.1 | 5.7 | 6.4 | 7.1 | 8.7 | 10.8 | 11.4 | 11.7 | 11.0 | 9.4 | 6.9 | 6.3 | 7.5 |
| EXCEEDED 90% OF TIME | 5.1 | 4.9 | 5.5 | 6.2 | 7.6 | 9.8 | 10.5 | 10.6 | 9.7 | 8.2 | 5.9 | 5.4 | 6.1 |
| EXCEEDED 95% OF TIME | 4.5 | 4.6 | 5.0 | 5.6 | 7.1 | 9.2 | 10.0 | 9.9 | 9.2 | 7.6 | 5.5 | 4.8 | 5.4 |
| EXCEEDED 99% OF TIME | 3.6 | 4.0 | 4.2 | 4.8 | 5.9 | 7.9 | 9.1 | 8.3 | 8.0 | 6.6 | 4.8 | 4.1 | 4.4 |
| EXTREME MINIMUM | 2.7 | 3.0 | 3.4 | 3.7 | 4.9 | 6.3 | 8.0 | 6.5 | 6.9 | 5.7 | 3.9 | 2.5 | 2.5 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 10.0 | 9.9 | 10.2 | 10.7 | 12.2 | 14.4 | 18.1 | 15.1 | 14.4 | 14.0 | 12.1 | 10.0 | 18.1 |
| EXCEEDED 1% OF TIME | 9.1 | 9.1 | 9.1 | 9.8 | 10.8 | 13.1 | 13.7 | 13.9 | 13.2 | 12.4 | 10.4 | 9.4 | 12.8 |
| EXCEEDED 5% OF TIME | 8.3 | 8.0 | 8.3 | 9.0 | 9.9 | 12.0 | 12.3 | 12.8 | 12.1 | 11.1 | 9.0 | 8.7 | 11.3 |
| EXCEEDED 10% OF TIME | 7.6 | 7.2 | 7.7 | 8.6 | 9.4 | 11.3 | 11.8 | 12.1 | 11.6 | 10.6 | 8.5 | 8.0 | 10.5 |
| EXCEEDED 25% OF TIME | 6.6 | 6.3 | 6.9 | 7.5 | 8.4 | 10.3 | 10.7 | 10.9 | 10.4 | 9.6 | 7.4 | 6.8 | 9.1 |
| EXCEEDED 50% OF TIME | 5.6 | 5.3 | 5.9 | 6.5 | 7.6 | 9.1 | 9.5 | 9.8 | 9.3 | 8.4 | 6.3 | 5.8 | 7.4 |
| EXCEEDED 75% OF TIME | 4.8 | 4.5 | 5.0 | 5.6 | 6.7 | 8.2 | 8.6 | 8.9 | 8.4 | 7.2 | 5.4 | 4.9 | 5.8 |
| EXCEEDED 90% OF TIME | 4.0 | 3.9 | 4.3 | 4.8 | 5.9 | 7.5 | 8.0 | 8.1 | 7.4 | 6.4 | 4.7 | 4.2 | 4.8 |
| EXCEEDED 95% OF TIME | 3.6 | 3.6 | 4.0 | 4.4 | 5.4 | 7.0 | 7.6 | 7.5 | 7.1 | 5.9 | 4.3 | 3.8 | 4.3 |
| EXCEEDED 99% OF TIME | 2.9 | 3.2 | 3.3 | 3.8 | 4.6 | 6.1 | 7.0 | 6.4 | 6.2 | 5.1 | 3.8 | 3.2 | 3.5 |
| EXTREME MINIMUM | 2.2 | 2.5 | 2.8 | 2.9 | 3.9 | 4.9 | 6.2 | 5.1 | 5.4 | 4.4 | 3.1 | 2.1 | 2.1 |

BELFAST/ALDERGROVE AIRPORT

1961 - 70

N.G.R. 33/147798 ALTITUDE 68 METRES

| VAPOUR PRESSURE MB | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EXTREME MAXIMUM | 12.8 | 12.8 | 13.0 | 14.5 | 15.8 | 20.2 | 20.2 | 20.0 | 18.8 | 18.2 | 15.0 | 13.2 | 20.2 |
| EXCEEDED 1% OF TIME | 11.6 | 11.6 | 11.9 | 13.2 | 14.6 | 17.5 | 18.4 | 18.3 | 17.0 | 16.7 | 13.3 | 12.1 | 17.0 |
| EXCEEDED 5% OF TIME | 10.7 | 10.2 | 10.6 | 12.0 | 13.0 | 15.7 | 16.6 | 17.0 | 16.0 | 14.5 | 11.8 | 11.2 | 15.2 |
| EXCEEDED 10% OF TIME | 9.8 | 9.3 | 9.9 | 11.0 | 12.4 | 15.0 | 15.9 | 16.3 | 15.3 | 13.9 | 11.2 | 10.2 | 14.0 |
| EXCEEDED 25% OF TIME | 8.5 | 8.0 | 8.7 | 9.8 | 11.1 | 13.5 | 14.3 | 14.7 | 13.8 | 12.6 | 9.7 | 8.6 | 12.0 |
| EXCEEDED 50% OF TIME | 7.2 | 6.6 | 7.4 | 8.3 | 9.9 | 12.1 | 12.7 | 13.1 | 12.3 | 11.1 | 8.0 | 7.2 | 9.7 |
| EXCEEDED 75% OF TIME | 6.0 | 5.6 | 6.2 | 7.0 | 8.8 | 10.8 | 11.4 | 11.8 | 11.0 | 9.3 | 6.8 | 6.1 | 7.3 |
| EXCEEDED 90% OF TIME | 5.1 | 4.9 | 5.4 | 5.9 | 7.6 | 9.8 | 10.3 | 10.8 | 9.8 | 8.2 | 6.0 | 5.2 | 5.9 |
| EXCEEDED 95% OF TIME | 4.7 | 4.6 | 4.9 | 5.5 | 6.8 | 9.2 | 9.7 | 10.1 | 9.2 | 7.5 | 5.5 | 4.7 | 5.3 |
| EXCEEDED 99% OF TIME | 3.4 | 3.8 | 4.0 | 4.7 | 6.1 | 7.8 | 8.9 | 8.7 | 8.4 | 6.3 | 4.7 | 3.7 | 4.4 |
| EXTREME MINIMUM | 2.6 | 2.4 | 2.7 | 3.7 | 4.9 | 5.6 | 7.8 | 7.9 | 7.6 | 4.6 | 4.0 | 2.7 | 2.4 |
| VAPOUR CONC. G/M ³ | | | | | | | | | | | | | |
| EXTREME MAXIMUM | 9.7 | 9.8 | 9.7 | 10.9 | 11.7 | 14.7 | 15.0 | 14.8 | 13.9 | 13.5 | 11.3 | 10.0 | 15.0 |
| EXCEEDED 1% OF TIME | 8.9 | 8.9 | 9.1 | 10.0 | 10.9 | 12.9 | 13.6 | 13.5 | 12.7 | 12.5 | 10.1 | 9.2 | 12.6 |
| EXCEEDED 5% OF TIME | 8.2 | 7.9 | 8.1 | 9.1 | 9.9 | 11.7 | 12.5 | 12.6 | 12.0 | 11.3 | 9.0 | 8.6 | 11.4 |
| EXCEEDED 10% OF TIME | 7.6 | 7.2 | 7.6 | 8.5 | 9.4 | 11.2 | 11.9 | 12.2 | 11.5 | 10.5 | 8.6 | 7.9 | 10.5 |
| EXCEEDED 25% OF TIME | 6.6 | 6.2 | 6.7 | 7.5 | 8.5 | 10.2 | 10.8 | 11.0 | 10.5 | 9.6 | 7.5 | 6.7 | 9.1 |
| EXCEEDED 50% OF TIME | 5.6 | 5.2 | 5.7 | 6.4 | 7.6 | 9.1 | 9.6 | 9.9 | 9.4 | 8.5 | 6.2 | 5.6 | 7.4 |
| EXCEEDED 75% OF TIME | 4.7 | 4.4 | 4.9 | 5.4 | 6.8 | 8.2 | 8.6 | 9.0 | 8.4 | 7.2 | 5.3 | 4.8 | 5.7 |
| EXCEEDED 90% OF TIME | 4.1 | 3.9 | 4.2 | 4.7 | 5.9 | 7.4 | 7.8 | 8.2 | 7.5 | 6.3 | 4.7 | 4.1 | 4.7 |
| EXCEEDED 95% OF TIME | 3.8 | 3.7 | 3.8 | 4.3 | 5.3 | 7.0 | 7.4 | 7.7 | 7.1 | 5.9 | 4.3 | 3.8 | 4.2 |
| EXCEEDED 99% OF TIME | 2.8 | 3.1 | 3.2 | 3.6 | 4.7 | 5.9 | 6.8 | 6.6 | 6.5 | 5.0 | 3.7 | 3.0 | 3.5 |
| EXTREME MINIMUM | 2.1 | 2.0 | 2.2 | 3.0 | 3.9 | 4.4 | 6.1 | 6.2 | 6.0 | 3.6 | 3.2 | 2.2 | 2.0 |

