

# Oxford Brookes University Library

## Weather Data

### A guide to finding information

#### British Weather

**Chartered Institute of Building Services. CIBSE guide – A2: weather and solar data.** London: Chartered Institute of Building Services, 1982 **P 697 CIB**  
*Climatic data for design – temperature, humidity and wind. Also includes solar radiation and its relationship with temperature and humidity. Also **Sunpath Diagram.***

**Eden, P. Change in the weather :[weather extremes and the British climate]** London: Continuum, 2005 **551.6941 EDE**

**Eden, P. Weatherwise. The Sunday Telegraph companion to the British weather.** London: Macmillan, 1995 **551.6941 EDE**  
*Description, but few figures. Contains an appendix of lists such as the 10 hottest months since 1659 etc*

**Goudie, A.S. & Brunsden. The environment of the British Isles – an atlas.** Oxford: Oxford University Press, 1994. **Atlas Collection R 912.133370941 GOU** *Includes maps of Britain, showing averages of: annual rainfall and its variability, frequency and duration of rainfall; intense rainfall events; changing summer rainfall; snowfall; relative humidity; evaporation; cloud cover; droughts; wind direction and frequency – with **wind roses** for 18 locations (not Oxford); strong winds; tornadoes; solar radiation and sunshine; visibility /fog; air temperatures; frosts; thunder*

**Hulme, M. & Barrow, E. (eds) Climates of the British Isles: present, past and future.** London: Routledge, 1997. **551.6941 CLI**  
*Figures/ tables of average climate information, including monthly air temperatures, precipitation, humidity and wind speeds for selected stations (including **Oxford**).*

**Jenkins, G. The climate of the United Kingdom and recent trends.** Exeter: Met Office Hadley Centre, 2007 **551.60941JEN**

**Lacy, R.E. Climate and building in Britain.** London: HMSO, 1977. **693.9 LAC**  
*Range of weather information in charts and tables, including: highest and lowest air temperatures recorded at 16 selected stations (monthly); hourly mean wind speeds; monthly mean of wet hours by day at 28 places (including **Oxford**).*

**Marshall, W. A century of London weather.** London: HMSO. Meteorological Office, 1952 **551.69421 GRE**

**Monthly digest of statistics.** London: TSO, current year **Stats. Collection R 314.1 GRE**

**WWW.BROOKES.AC.UK/LIBRARY**

*These are also available online. Access via Electronic Library – Reference Desk – Statistics – National Statistics. Includes air temperatures, rainfall and sunshine for regions*

**Page, J. & Lebens, R. (eds) Climate in the United Kingdom.** A handbook of solar radiation, temperature and other data for thirteen principal cities and towns. London: HMSO, 1986.

**551.6941 CLI** *Sunshine, temperature, wind speed, rainfall etc. for 13 towns and cities (not Oxford)*

**Stirling, R. The weather of Britain.** 2<sup>nd</sup> rev ed. London: Giles de la Mare, 1997. **551.6941 STI**

*Includes some charts and tables of average climate information since 1901*

**The agricultural climate of England and Wales.** London: HMSO. Ministry of Agriculture, Fisheries & Food, 1976. **630.2516 SMI**

*Average monthly figures for temperature, rain, sun, day length etc. for more than 50 areas in England and Wales. (Oxfordshire – Area 31)*

**Wallen, C.C. (ed) World survey of climatology, vol 5. Climates of Northern and Western Europe.**

Barking: Elsevier, 1970. **551.6 WOR**

*Chapter 3, 'The climate of the British Isles'. Data from stations including Oxford – atmospheric pressure & temperature; humidity and precipitation; average daily maxima and minima temperatures; average daily duration of bright sunshine, etc.*

**Weather data with climate change scenarios. Technical Memorandum TM 34.** CIBSE, 2004

The full text is available online through Construction Information Service. Access is via *Electronic Library – Databases.*

**Weather, solar and illuminance data. Guide J.** CIBSE, 2002

The full text is available online through Construction Information Service. Access is via *Electronic Library – Databases.*

**Wheeler, D. & Mayes, J. (eds) Regional climates of the British Isles.** London:

Routledge, 1997. **551.6941 REG**

*Includes figures and tables of information relating to specific sites in 10 regions in the British Isles, including mean monthly totals from 1961-1991. (not Oxford)*

## **World Weather Data**

**Meteorological office. Tables of temperature, relative humidity and precipitation for the world.**

**Parts 1- 6.** London: HMSO, 1953 – 1980. **551.69 GRE**

**Pearce, E. A. and Smith C.G. The Hutchinson world weather guide.** London: Helicon Ltd., 2000

**551.6 PEA**

**Philip's atlas of the world - Comprehensive ed.** London: George Philip and Sons, 2002

**Atlas Collection 912 PHI**

**Philip's university atlas.** London: George Philip and Sons, 2000 **Atlas Collection 912 PHI**

**Reynolds, R. Philip's guide to weather.** London: George Philip Ltd., 1999 **551.6 REY**

**Wood, R. A. (ed) The weather almanac. 9<sup>th</sup> ed.** Detroit: Gale, 1999. **R 551.6573 WEA**

**World survey of climatology.** Amsterdam: Elsevier, 1969-1984 **551.6 WOR**

**World travel guide.** London: Columbus Press, 2007

**338.4791 WOR**

*Climate graphs, showing monthly maximum, average and minimum temperatures; rainfall; hours of sunshine; and humidity levels for all principal tourist locations in the world.*

## Weather on the Web

### British weather:

\*\*\* **Key site:** UK climate and weather statistics <http://www.metoffice.gov.uk/climate/uk/index.html>

BBC Weather Centre <http://www.bbc.co.uk/weather/>

Met Office: Water management (enables hydrometeorological information to be displayed, accessed and manipulated in a GIS environment) <http://www.metoffice.gov.uk/water/>

The Natural Environment Research Council <http://www.nerc.ac.uk/>

Radcliffe Meteorological Station – Weather at Oxford. Annual reports and Data table 2002 -2006 <http://www.geog.ox.ac.uk/research/climate/rms/reports.html>

The Weather Channel (weather for the UK and Ireland) <http://uk.weather.com>

### World weather:

British Atmospheric Data Centre (Rutherford Appleton Lab.) <http://www.badc.rl.ac.uk>

Climatic Research Unit; has links though to more world-wide climate related web sites <http://www.cru.uea.ac.uk>

Fox Weather Services (weather in the United States) <http://www.foxweather2.com/>

Freese-Notis Weather: United States based organisation providing weather information for the energy, agriculture and construction industry. <http://www.weather.net>

Intellicast <http://www.intellicast.com>

Met Office; Climate Change has links through to climate web sites in Australia, Germany and Canada <http://www.metoffice.gov.uk/climatechange/>

NASA Jet Propulsion Laboratory (includes; arctic sea ice, carbon dioxide, sea level, global temperature and ozone hole information) <http://climate.jpl.nasa.gov/>

National Climatic Data Center (NCDC) <http://www.ncdc.noaa.gov/>

The Weather Channel (r) HomePage provides details of weather in the United States <http://weather.com/>

Weather Underground <http://www.wunderground.com/>

World climate (average temperatures and rainfall for cities) <http://www.worldclimate.com/>

World Meteorological Organization [http://www.wmo.int/pages/index\\_en.html](http://www.wmo.int/pages/index_en.html)

World-wide climate summaries 1995 – 2001 and Real-time cloud radar images updated daily <http://www.met.reading.ac.uk/weatherdata/>

### Historic weather data:

Met Office Historic Station Data provides statistics of max/min temperature, rainfall and sunshine back to 1853. Includes Oxford from 1853 – 2009 <http://www.metoffice.gov.uk/climate/uk/stationdata/>

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