



**Subject Guide No. 4 –**

# **Introduction to Weather and Climate:**

a selection of references from the Library and Archive  
catalogue, available at

[www.metoffice.gov.uk/corporate/library/index.html](http://www.metoffice.gov.uk/corporate/library/index.html)



**Updated December 2007**

**National Meteorological Library and Archive**  
Met Office  
FitzRoy Road  
Exeter EX1 3PB  
United Kingdom

**Tel:** +44(0)1392 884841  
**Fax:** +44(0)1392 885681

**E-mail:**  
[metlib@metoffice.gov.uk](mailto:metlib@metoffice.gov.uk)

## Introduction to weather

Ahrens, C.D.

Meteorology today. An introduction to weather, climate and the environment.

California, Brooks/Cole, 2008, 9<sup>th</sup> edition

Found at: [551.5\(02\)](#)

Bell, T.E.

Science 101: weather

Irvington, New York, HarperCollins, 2007

Found at: [551.5: 37 BEL](#)

Buckley, B.

Weather: A visual guide.

London, Reader's Digest Association, 2004

Found at: [551.5: 37 BUC](#)

Cantrell, M.

The everything weather book. From daily forecasts to blizzards, hurricanes, and tornadoes - all you need to know to be your own meteorologist.

Adams Media, 2002

Found at: [551.5: 37 CAN](#)

Cox, J.D.

Weather for dummies.

New York, Hungry Minds, 2000

Found at: [551.5: 37 COX](#)

Day, J.A.

The book of clouds.

New York, Silver Lining Books, 2003

Found at: [551.576.1 DAY](#)

Dunlop, S.

Oxford Dictionary of Weather.

Oxford, Oxford University Press, 2005

Found at: [REFERENCE DICT](#) & [551.5: 37 DUN](#) (earlier edition)

Dunlop, S.

How to identify weather.

London, HarperCollins, 2002

Found at: [551.5.37 DUN](#)

Dunlop, S.

Weather photoguide

Glasgow, Harper Collins, 1996

Found at: [551.5: 37 DUN](#)

Dunlop, S.

Weather: get to know the natural world.

London, Harper Collins Publishers, 2004

Found at: [551.5: 37 DUN](#)

Eden, P.

Weather Facts

London, Dorling Kindersley, 1997

Found at: [551.5: 37 EDE](#)

[Updated Dec 2007](#)

Books and pamphlets may be available for loan.

Articles from journals are generally for reference only, audio visual items may be for restricted loan only

Goldstein, M.

The complete idiot's guide to weather.

New York, Alpha Books, 2002

Found at: [551.5: 37 GOL](#)

Hardy, R.

Weather (Teach yourself series)

London, Hodder & Stoughton, 1996

Found at: [551.5: 37 HAR](#)

Harper, K.C.

Weather and climate: decade by decade

New York, Facts on File, 2007

Found at: [551.5:37 HAR](#)

Henson, R.

The rough guide to the weather.

London, Rough Guides, 2002

Found at: [551.5:37](#)

Hook, P.

Need to know? Weather watching: how to predict and understand weather across the world.

London, Collins, 2006

Found at: [551.5:37 HOO](#)

Jebson, S.

Clouds. Fact sheet No. 1

National Meteorological Library

Exeter, Met Office, 2005

Found: <http://www.metoffice.gov.uk/corporate/library/factsheets.html>

Lawes, H.D.

An introduction to meteorology for students and young people.

Weather (R.Met.Soc.), VOL. 48 NO. 10, 1993 pp.339-344

Found at: [Journals](#)

Lyons, W.A.

The handy weather answer book.

Detroit, Mich., Visible Ink Press, 1996

Found at: [551.5:37 LYO](#)

Mayes, J.

Understanding weather: a visual approach.

London, Arnold, 2004

Found at: [551.5:37 MAY](#)

Met Office

Meteorological Glossary.

Bracknell, Met Office, 1991 (Sixth edition; all previous editions also held)

Found at: [REFERENCE GEN](#) & [ORGS UKMO M](#)

Met Office

The Observer's handbook.

Bracknell, Met Office, 2000 (and all previous editions)

Found at: [ORGS UKMO O](#)

Reynolds, R.

Guide to weather

London, George Philip, 2000

Found at: [551.5: 37 REY](#)

Updated Dec 2007

Books and pamphlets may be available for loan.

Articles from journals are generally for reference only, audio visual items may be for restricted loan only

Staub, F.  
The kids' book of clouds and sky.  
New York, Sterling Publishing, 2003  
Found at: [551.5: 37 STA](#)

Watts, A.  
The weather handbook.  
London, Adlard Coles Nautical, 2nd edition, 2004  
Found at: [551.5: 37 WAT](#)

Watts, A.  
Instant weather forecasting. A 24- hour colour photograph guide to weather forecasting from the clouds, for use by walkers, farmers, fisherman, yachtsmen, golfers, holidaymakers, in fact anyone to whom the weather in the near future is of importance.  
London, Adlard Coles, 2000 (updated edition)  
Found at: [551.509.34](#)

## Audio Visual material

Understanding weather series: why weather changes.  
Bristol, Viewtech Educational Media, 2003  
[DVD, NO. D010 \(Age Range 9-13 years\)](#)

Clouds and patterns of the weather.  
Bristol, Viewtech Educational Media, 2003  
[DVD NO. D035](#) and [Video NO. V329 \(21 mins. Age Range 11-Adult years\)](#)

Weatherbytes  
Exeter, Met Office, 2006  
[DVDs, NO. D039 \(A series of short films to enhance the teaching and learning of key weather topics at GCSE and A-level.\)](#)

## Introduction to climate

Aguado, E.  
Understanding weather and climate  
New Jersey, Pearson Prentice Hall, 2004  
Found at: [551.5 AGU](#) and also on [CD-ROM](#)

Allaby, M.  
A change in the weather  
New York, Facts on File, 2004  
Found at: [551.583 ALL](#)

Boia, L.  
Weather in the imagination  
London, Reaktion Books, 2005  
Found at: [551.586 BOI](#)

Burroughs, W. (ed.)  
Climate into the 21st Century  
Cambridge, Cambridge University Press, (for the World Meteorological Organization) 2003  
Found at: [551.583 BUR](#)

[Updated Dec 2007](#)

Books and pamphlets may be available for loan.

Articles from journals are generally for reference only, audio visual items may be for restricted loan only

Burroughs, W.J.

The climate revealed.

London, Mitchell Beazley, 1999

Found at: [551.58 BUR](#)

Chemery, L.

Weather and climates

Edinburgh, Chambers Harrap Publishers, 2004

Found at: [551.58 CHE](#)

Eden, P.

The Daily Telegraph book of the weather: past and future climate changes explained.

London, Continuum, 2003

Found at: [551.5: 37 EDE](#)

Harding, M.

Weather to travel: the traveller's guide to the world's weather. (Weather profiles and what to wear for 205 countries).

London, Tomorrow's Guides Ltd, 3rd edition 2001

Found at: [551.582 HAR](#)

Lamb, H.H.

Climate, history and the modern world.

2nd edition, London, Routledge, 1995. ISBN: 0415127351

Found at: [551.583.2 LAM](#)

Loffman, T.

Traveler's weather guide.

Berkeley, Cal., Ten Speed Press, 1996

Found at: [551.582 LOF](#)

McIlveen, J.F.R.

Fundamentals of weather and climate.

London, Chapman and Hall, 1997

Found at: [551.58 MCI](#)

Pearce, E.A. and Smith, C.G.

World Weather Guide.

Oxford, Helicon, 2000. 4th edition, revised.

Found at: [551.582 PEA](#)

Pearce, F.

Global warming: a beginner's guide to our changing Climate

London, Dorling Kindersley, 2002

Found at: [551.583 PEA](#)

Rodo, X. and Comin, F.A. (ed.s)

Global climate: current research and uncertainties in the climate system.

Berlin, Springer-Verlag, 2003

Found at: [551.58 ROD](#)

Taylor, F.W.

Elementary climate physics

Oxford, Oxford University Press, 2005

Found at: [551.58 TAY](#)

Updated Dec 2007

Books and pamphlets may be available for loan.

Articles from journals are generally for reference only, audio visual items may be for restricted loan only