

Geology of the Bath area: References

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[Jump to navigation](#) [Jump to search](#)

This topic provides a summary of the geology of the Bath area - covered by the British Geological Survey

1:50k geological map sheet 265.

Authors: A J M Barron, T H Sheppard, R W Gallois, P R M Hobbs and N J P Smith (BGS).

- Ambrose, K. 2001. The lithostratigraphy of the Blue Lias Formation (late Rhaetian-early Sinemurian) in the southern part of the English Midlands. *Proceedings of the Geologists' Association*, Vol. 112, 97-110.
- Andrews, J N, Burgess, W G, Edmunds, W M, Kay, R L F, and Lee, D J. 1982. The thermal springs of Bath. *Nature*, Vol. 298, 339-343.
- Anson, R, and Hawkins, A B. 2002. Movement of the Soper's Wood landslide on the Jurassic Fuller's Earth, Bath, England. *Bulletin of Engineering Geology and the Environment*, Vol. 61, 325-345.
- Barron, A J M, Sumbler, M G, and Morigi, A N. 1997. A revised lithostratigraphy for the Inferior Oolite Group (Middle Jurassic) of the Cotswolds, England. *Proceedings of the Geologists' Association*, Vol. 108, 269-285.
- Barton, C M, Strange, P J, Royse, K R, and Farrant, A R. 2002. Geology of the Bristol District. Sheet Explanation of the British Geological Survey, Sheet 264 (England and Wales).
- Besly, B M. 1987. Sedimentological evidence for Carboniferous and early Permian palaeoclimate of Europe. *Annales de la Société Géologique du Nord*, Vol. 106, 131-143.
- Bowen, D Q (editor). 1999. A revised correlation of Quaternary deposits in the British Isles. Special Report of the Geological Society of London, No. 23.
- Bradshaw, M J, Cope, J C W, Cripps, D W, Donovan, D T, Howarth, M K, Rawson, P F, West, I M, and Wimbledon, W A. 1992. Jurassic. 107-129 in *Atlas of Palaeogeography and Lithofacies*.
- Cope, J C W, Ingham, J K, and Rawson, P F (editors). *Memoir of the Geological Society of London*, No. 13.
- Buckman, S S. 1893. The Bajocian of the Sherbourne district. *Quarterly Journal of the Geological Society of London*, Vol. 49, 479-522.
- Buckman, S S. 1895. The Bajocian of the mid-Cotteswolds. *Quarterly Journal of the Geological Society of London*, Vol. 51, 388-462.
- Cave, R. 1977. Geology of the Malmesbury District. *Memoir of the Geological Survey of Great Britain*, Sheet 251 (England and Wales).
- Chandler, R J, Kellaway, G A, Skempton, A W, and Wyatt, R J. 1976. Valley slope sections in some Jurassic strata near Bath, Somerset. *Philosophical Transactions of the Royal Society of London Series A*, Vol. 283, 527-556.

- Cornwell, J. 2003. *The Bristol Coalfield*. (Ashbourne, Derbyshire: Landmark Publishing.)
- Cox, B M, and Sumbler, M G. 2002. *British Middle Jurassic Stratigraphy*. Geological Conservation Review Series, No. 26. (Peterborough: Joint Nature Conservation Committee)
- De la Beche, H T. 1846. *On the Formation of the rocks of South Wales and South Western England*. Memoir of the Geological Survey of Great Britain, Vol. 1.
- Donovan, D T. 1995. High level drift deposits east of Bath. *Proceedings of the University of Bristol Spelaeological Society*, Vol. 20, 109-126.
- Donovan, D T, and Kellaway, G A. 1984. *Geology of the Bristol district: the Lower Jurassic rocks*. Memoir of the British Geological Survey.
- Douglas, J A, and Arkell, W J. 1932. The stratigraphical distribution of the Cornbrash: II. The north-eastern area. *Quarterly Journal of the Geological Society of London*, Vol. 88, 112-170.
- Forster, A, Hobbs, P R N, Monkhouse, R A, and Wyatt, R J. 1985. *An environmental geology study of parts of West Wiltshire and south-east Avon*. British Geological Survey Technical Report, WA/85/25.
- Gallois, R W. 2006. The geology of the hot springs at Bath Spa, Somerset. *Geoscience in south-west England*, Vol. 11, 168-173.
- Gallois, R W. 2007. The formation of the hot springs at Bath Spa, UK. *Geological Magazine*, Vol. 144, 741-747.
- Green, G W. 1992. *British regional geology: Bristol and Gloucester region*. Third edition. (London: HMSO for British Geological Survey.)
- Green, G W, and Donovan, D T. 1969. The Great Oolite of the Bath area. *Bulletin of the Geological Survey of Great Britain*, Vol. 30, 1-63.
- Hesselbo, S P. 2008. Sequence stratigraphy and inferred relative sea-level change from the Onshore British Jurassic. *Proceedings of the Geologists' Association*, Vol. 119, 19-34.
- Hobbs, P R N, and Jenkins, G O. 2008. Bath's 'foundered strata' — a re-interpretation. *British Geological Survey Open Report*, OR/08/052.
- Hopson, P M, Wilkinson, I P, and Woods, M A. 2008. A stratigraphical framework for the Lower Cretaceous of England. *British Geological Survey Research Report*, RR/08/03.
- Hunt, C O. 1998. The Quaternary history of the Avon valley and Bristol district. Chapter 10 in *Quaternary of south-west England*. Campbell, S, Hunt, C O, Scourse, J D, Keen, D H, and Stephens, N (editors). Geological Conservation Review Series, No. 14. (London: Chapman and Hall.)
- Kellaway, G A (editor). 1991. *Hot springs of Bath — investigations of the thermal waters of the Avon valley*. (Bath: Bath City Council.)
- Kellaway, G A. 1996. Discovery of the Avon-Solent Fracture Zone and its relationship to Bath hot springs. *Environmental Geology*, Vol. 28, 34-39.
- Kellaway, G A, and Hancock, P L. 1983. Structure of the Bristol district, the Forest of Dean and the Malvern Fault Zone. 88-107 in *The Variscan Fold Belt in the British Isles*. Hancock, P L (editor).

(Bristol: Adam Hilger Ltd.)

Kellaway, G A, and Taylor, J H. 1968. The influence of landslipping on the development of the city of Bath, England. Proceedings of the 23rd International Geological Congress, Czechoslovakia, Vol. 12, 65-76.

Kellaway, G A, and Welch, F B A. 1993. Geology of the Bristol district. Memoir of the British Geological Survey.

McCann, C, McMann, A C, McCann, D and Kellaway, G A. 2002. Geophysical investigation of the thermal springs of Bath, England. 15-40 in Sustainable Groundwater Development. Hiscock, K M, Rivett, O, and Davison, R M (editors). Special Publication of the Geological Society of London, No. 193.

Miles, J C H, and Appleton, J D. 2005. Mapping variation in radon potential both between and within geological units. Journal of Radiological Protection, Vol. 25, 257-76.

Miles, J C H, Appleton, J D, Rees, D M, Green, B M R, Adlam, K A M, and Myers, A H. 2007. Indicative Atlas of Radon in England and Wales. (Didcot: Health Protection Agency and British Geological Survey.)

Murray, J W, and Wright, C A. 1971. The Carboniferous Limestone of Chipping Sodbury and Wick, Gloucestershire. Geological Journal, Vol. 7, 255-270.

Penn, I E, Merriman, R J, and Wyatt, R J. 1979. The Bathonian strata of the Bath-Frome area. Report of the Institute of Geological Sciences, No. 78/22.

Scivyer, C. 2007. Radon: guidance on protective measures for new buildings (including supplementary advice for extensions, conversions and refurbishments). Building Research Establishment Report, BR 211.

Self, C A. 1986 (for 1985). Two gull caves from the Wiltshire/Avon border. Proceedings of the University of Bristol Speleological Society, Vol. 17, 153-174.

Self, C A. 1995. The relationship between the gull cave Sally's Rift and the development of the river Avon east of Bath. Proceedings of the University of Bristol Speleological Society, Vol. 20, 91-102.

Self, C A, and Boycott, A. 2000 (for 1999). Landslip caves of the southern Cotswolds. Proceedings of the University of Bristol Speleological Society, Vol. 21, 197-214.

Smith, N J P, and Rushton, A W A. 1993. Cambrian and Ordovician stratigraphy related to structure and seismic profiles in the western part of the English Midlands. Geological Magazine, Vol. 130, 665-671.

Sumbler, M G. 2003. Comments on Wyatt and Cave's 'The Chalfield Oolite Formation (Bathonian, Middle Jurassic) and the Forest Marble overstep in the South Cotswolds and the stratigraphical position of the Fairford Coral Bed'. Proceedings of the Geologists' Association, Vol. 114, 181-184.

Torrens, H S. 2000. Timeless order: William Smith (1769-1839) and the search for raw materials. William Smith Lecture, Geological Society of London.

Waters, C N, Waters, R A, Barclay, W J, and Davies, J R. 2009. A lithostratigraphical framework for

the Carboniferous successions of southern Great Britain (Onshore). British Geological Survey Research Report, RR/09/01.

Witchell, E. 1882. On the Pisolite and the basement beds of the Inferior Oolite of Gloucestershire. Proceedings of the Cotteswolds Naturalists' Field Club, Vol. 8, 35-49.

Wyatt, R.J. 1996. A correlation of the Bathonian (Middle Jurassic) succession between Bath and Burford, and its relation to that near Oxford. Proceedings of the Geologists' Association, Vol. 107, 299-322.

Wyatt, R.J, and Cave, R. 2002. The Chalfield Oolite Formation (Bathonian, Middle Jurassic) and the Forest Marble overstep in the South Cotswolds, and the stratigraphical position of the Fairford Coral Bed. Proceedings of the Geologists' Association, Vol. 113, 139-152.

Geology of the Bath area - contents

[Introduction](#)

[Survey history](#)

[Geological description](#)

[Pre-Carboniferous rocks](#)

[Carboniferous](#)

[Triassic](#)

[Jurassic](#)

[Cretaceous](#)

[Quaternary](#)

[Artificially modified ground](#)

[Geological structure and regional geophysics](#)

[Applied geology](#)

[Hydrogeology](#)

[Mineral resources](#)

[Building stone](#)

[Geological hazards](#)

[Geological conservation](#)

[Information sources](#)

References

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Category:

- [Bath - the geology of the area](#)

Navigation menu

Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

Namespaces

- [Page](#)
- [Discussion](#)

Variants

Views

- [Read](#)
- [View source](#)
- [View history](#)
- [PDF Export](#)

More

Search

Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

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- [About Earthwise](#)
- [Disclaimers](#)

