How to Use the American Meteorological Society Bibliographic Style File

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ABSTRACT

This article provides authors with examples of each reference provided in the "AMS Guidelines for Preparing References" (available online at http://www.ametsoc.org/pubs/refstyl.html) using the American Meteorological Society bibliographic style file ametsoc.bst. The style for each reference is provided. An example database entry for each reference type and the resulting output for each database entry are also given.

1. Introduction

Each section consists of a single American Meteorological Society (AMS) reference type. This consists of an explanation of the AMS style for that specific reference. The reference is then cited using the LaTeX cite command. Example database entries for this type of reference are then given and should be followed for all references of this type. The full bibliography database can be found in the database.bib file located in the bibliography subdirectory. Last, the resultant formatted references are given at the end of this document in the references section. Authors should use the example database entry to determine what information is necessary to have a properly formatted reference in AMS style. The references follow those provided in the AMS Guidelines for Preparing References (available online at http://www.ametsoc.org/pubs/refstyl.html).

2. "Article" type

The AMS reference for the "journal article" type should be

Author(s), publication year: Article title. *Journal Name (abbreviated according to the abbreviations listed in the Chemical Abstracts Source Index, italic)*, **volume number (boldface)**, page range.

Bibliographic database entries

The entry for Hubert and Jr. (1971):

```
@ARTICLE{Hubert_Whitney1971,

        AUTHOR  = {L. F. Hubert and L. F. Whitney},

        YEAR    = 1971,

        TITLE   = {Wind estimation from geostationary satellite pictures},

        JOURNAL = MWR,

        VOLUME  = 99,

        PAGES   = {665-672}

}
```

The entry for Emery et al. (1986):

```
@ARTICLE{EmeryEA1986,

        AUTHOR  = {W. J. Emery and A. C. Thomas and M. J. Collins and W. R. Crawford and D. L. Mackas},

        YEAR    = 1986,

        TITLE   = {An objective method for computing surface velocities from sequential infrared satellite images},

        JOURNAL = {J. Geophys. Res.},

        VOLUME  = 91,

        PAGES   = {12865-12878}

}
```

3. "Book" type

The AMS reference for the "book" type should be

Author(s), publication year: *Book Title (italic).* Publisher, total pages.

Bibliographic database entries

The entry for Oke (1979):

```
@BOOK{Oke1979,
        AUTHOR  = {T. R. Oke},
        YEAR    = 1979,
        TITLE   = {Boundary Layer Climates},
        PUBLISHER = {Wiley and Sons},
        PAGES   = 372
}
```

4. "Book edition" type

The AMS reference for the "book edition" type should be:

Author(s), publication year: *Book Title (italic).* Edition number. Publisher, total pages.

Bibliographic database entries

The entry for Chorin and Marsden (1993):

```
@BOOK{Chorin_Marsden1993,

        AUTHOR  = {A. J. Chorin and J. E. Marsden},

        TITLE   = {A Mathematical Introduction to Fluid Dynamics},

        YEAR    = 1993,

        EDITION = {3},

        PUBLISHER = {Springer-Verlag},

        PAGES   = 169

}
```

5. "Chapter in a book" type

The AMS reference for the "chapter in a book" type should be

Author(s), publication year: Chapter title. *Book Title (italic),* Editor(s), Publisher, page range.

Bibliographic database entries

The entry for Kauranne (1990):

```
@INCOLLECTION{Kauranne1990,

        AUTHOR  = {T. Kauranne},

        YEAR    = 1990,

        TITLE   = {An introduction to parallel processing in meteorology},
```

```
     BOOKTITLE = {The Dawn of Massively Parallel Processing in Meteorology},

     EDITOR  = {G. R. Hoffman and D. K. Maretis},

     PUBLISHER = {Springer-Verlag},

     PAGES   = {3-20}

}
```

6. "Multivolume book" type

a. Citing one volume by title of complete work

The AMS reference for the "citing one volume by title of complete work" type should be

Author(s), publication year: *Title of Complete Work (italic).* Volume number. Publisher, total pages.

b. Citing one volume by volume title

The AMS reference for the "citing one volume by volume title" type should be

Author(s), publication year: *Volume Title (italic).* Volume number, *Title of Complete Work (italic)*, Publisher, total pages.

c. Bibliographic database entries

The entry for Courant and Hilbert (1953):

```
@BOOK{Courant_Hilbert1953,
        AUTHOR  = {R. Courant and D. Hilbert},
        YEAR    = 1953,
        TITLE   = {Methods of Mathematical Physics},
        VOLUME  = 1,
        PUBLISHER = {Wiley-Interscience},
        PAGES   = 560
}
```

The entry for Pettersson (1956):

```
@BOOK{Pettersson1956,
        AUTHOR  = {S. Pettersson},
        YEAR    = 1956,
        TITLE   = {Weather Analysis and Forecasting},
        VOLUME  = 2,
        SERIES  = {Motion and Motion Systems},
        PUBLISHER = {McGraw Hill},
        PAGES   = 428
}
```

7. "Series" type

The AMS reference for the "series" type should be

Author(s), publication year: *Title (italic).* Title of Series, volume number, Publisher, total pages.

Bibliographic database entries

The entry for Andrews et al. (1987):

```
@BOOK{Andrews_Holton_Leovoy1987,
      AUTHOR  = {D. G. Andrews and J. R. Holton and C. B. Leovoy},
      YEAR    = 1987,
      TITLE   = {Middle Atmosphere Dynamics},
      SERIES  = {International Geophysics Series},
      VOLUME  = 40,
      PUBLISHER = {Academic Press},
      PAGES   = 489
}
```

8. "Report/Note/Memo" type

The AMS reference for the "report/note/memo" type should be

Author(s), publication year: Report/Note/Memo title. Report/Note/Memo Name and number, total pages.

Bibliographic database entries

The entry for Gannon (1978):

```
@TECHREPORT{Gannon1978,
        AUTHOR  = {P. T. Gannon},
        YEAR    = 1978,
        TITLE   = {Influences of earth surface and cloud properties in the south {F}lorida Sea Breeze},
        TYPE    = {NOAA Tech. Rep.},
        NUMBER  = {ERL402-NHELM2},
        PAGES   = 91,
        NOTE    = {[NTIS PB-297398.]}
}
```

The entry for Anthes et al. (1987):

```
@TECHREPORT{Anthes1987,
        AUTHOR  = {R. A. Anthes and E.-Y. Hsie and Y.-H. Kuo},
        YEAR    = 1978,
```

```
       TITLE   = {Description of the {P}enn {S}tate/{NCAR} {M}esoscale {M}odel {V}ersion 4 ({MM4})},

       TYPE    = {NCAR Tech. Note},

       NUMBER  = {NCAR/TN-282+STR},

       PAGES   = 66
}
```

The entry for Chen (1979):

```
@TECHREPORT{Chen1979,

       AUTHOR  = {T. C. Chen},

       YEAR    = 1979,

       TITLE   = {On the Kinetic Energy of the Divergent and Nondivergent Flow in the Atmosphere},

       TYPE    = {Tech. {M}emo to the {N}ational {S}cience {F}oundation},

       HOWPUBLISHED = {Grant GA-161660},

       INSTITUTION = {Iowa State University},

       ADDRESS = {Ames, IA},

       PAGES   = 143
}
```

The entry for Wentz (1990):

```
@TECHREPORT{Wentz1990,

       AUTHOR  = {F. J. Wentz},

       YEAR    = 1990,

       TITLE   = {West Coast Storm Forecasting with {SSM/I}. {V}ol. I},

       TYPE    = {Final Tech. Rep.},
```

```
        INSTITUTION = {Remote Sensing Systems},

        PAGES   = 42,

        NOTE    = {[Available from Remote Sensing Systems, 1101 College Ave., Suite 220, Santa Rosa, CA 95404.]}
}
```

The entry for Goodridge et al. (1979):

```
@TECHREPORT{Goodridge_Rhodes_Bingham1979,

        AUTHOR  = {J. P. Goodridge and H. Rhodes and E. G. Bingham},

        YEAR    = 1979,

        TITLE   = {Windstorms in {C}alifornia},

        INSTITUTION = {Division of Planning, Department of Water Resources, State of California},

        ADDRESS = {[Available from Division of Planning, Department of Water Resources, State of California, 1416 9th St., Sacramento, CA 95814.]},

        PAGES   = 34
}
```

9. "Conference Preprints/Proceedings/Extended Abstracts" type

The AMS reference for the "conference preprints/proceedings/extended abstracts" type should be

Author(s), publication year: Article title. Preprints (roman), or *Proceedings (abbreviated, italic)*, or *Extended Abstract (italic)*, *Conference Title (italic)*, City and State/Province (if Canada)/Country where the meeting was held, Sponsor (no acronyms), page range.

Bibliographic database entries

The entry for Lhermitte and Gilet (1976):

```
@INPROCEEDINGS{Lhermitte_Gilet1976,
        AUTHOR  = {R. Lhermitte and M. Gilet},
        YEAR    = 1976,
        TITLE   = {Aquisition and Processing of Tri-{D}oppler Radar Data},
        BOOKTITLE = {Preprints, 17th Conf.\ on Radar Meteorology},
        ADDRESS = {Seattle, WA},
        ORGANIZATION = AMS,
        PAGES   = {1-6},
}
```

The entry for Riley et al. (1981):

```
@INPROCEEDINGS{Riley_Metcalfe_Weisman1981,
        AUTHOR  = {J. J. Riley and R. W. Metcalfe and M. A. Weisman},
        YEAR    = 1981,
        TITLE   = {Direct Numerical Simulations of Homogeneous Turbulence in Density-Stratified Fluids},
        BOOKTITLE = {Proc. AIP Conf. on Nonlinear Properties of Internal Waves},
        ADDRESS = {Houston, TX},
        ORGANIZATION = AIP,
        PAGES   = {79-112}
}
```

The entry for Fukuta et al. (1984):

```
@INPROCEEDINGS{FukutaEA1984,
       AUTHOR  = {N. Fukuta and H. S. Chang and J. L. Sutherland and D. A. Griffith},
       YEAR    = 1984,
       TITLE   = {Comparative Airborne Tests of Vapor-Activated Methaldehyde and Silver Iodide Particles in Supercooled Stratus Clouds},
       BOOKTITLE = {Extended Abstracts, Ninth Conf. on Weather Modification},
       ADDRESS = {Park City, UT},
       ORGANIZATION = AMS,
       PAGES   = {6-7}
}
```

The entry for Vali (1970):

```
@INPROCEEDINGS{Vali1970,
       AUTHOR  = {G. Vali},
       YEAR    = 1970,
       TITLE   = {Entry of Freezing Nuclei into Precipitation},
       BOOKTITLE = {Proc. Symp. on Precipitation Scavenging},
       ADDRESS = {Richland, WA},
       ORGANIZATION = {U.S. Atomic Energy Commission},
       PAGES   = {49-68},
       NOTE    = {[Available from G. Vali, Department of Atmospheric Science, University of Wyoming, Laramie, WY 82071.]}
}
```

10. "Conference Preprints/Proceedings/Extended Abstracts on CD-ROM" type

The AMS reference for the "conference preprints/proceedings/extended abstracts on CD-ROM" type should be

Author(s), publication year: Article title. Preprints (roman), or *Proc. (italic)*, or *Extended Abstract (italic)*, *Conference Title (italic)*, City and State/Province (if Canada)/Country where the meeting was held, Sponsor (no acronyms), CD-ROM, paper number.

Bibliographic database entries

The entry for Kuji and Nakajima (2002):

```
@INPROCEEDINGS{Kuji_Nakajima2002,
        AUTHOR  = {M. Kuji and T. Nakajima},
        YEAR    = 2002,
        TITLE   = {Retrieval of Cloud Geometrical Parameters Using Remote Sensing Data},
        BOOKTITLE = {11th Conf.\ on Cloud Physics},
        ADDRESS = {Ogden, UT},
        ORGANIZATION = AMS,
        HOWPUBLISHED = {CD-ROM},
        PAGES   = {JP1.7},
}
```

11. "Dissertation/Thesis" type

The AMS reference for the "dissertation/thesis" type should be

Author(s), publication year: Dissertation/thesis title. Dissertation/thesis, Thesis Department (needed only if M.S. thesis), University, total pages.

Bibliographic database entries

The entry for Cheng (1993):

```
@PHDTHESIS{Cheng1993,
        AUTHOR  = {X. Cheng},
        YEAR    = 1993,
        TITLE   = {Linear and Nonlinear Aspects of {N}orthern {H}emisphere Wintertime Variability in the 500 mb Height Field},
        SCHOOL  = {University of Washington},
        PAGES   = 180,
        NOTE    = {[Available from University Microfilm, 305 N. Zeeb Rd., Ann Arbor, MI 48106.]}
}
```

The entry for Hirschberg (1988):

```
@MASTERSTHESIS{Hirschberg1988,
        AUTHOR  = {P. Hirschberg},
        YEAR    = 1988,
```

```
         TITLE    = {The Saline Flow into the {A}tlantic},

         DEPARTMENT = {Dept. of Oceanographic Studies},

         SCHOOL   = {The Pennsylvania State University},

         PAGES    = 207,

         NOTE     = {[NTIS PH-358930-2.]}

}
```

The entry for Estournel (1988):

```
@MASTERSTHESIS{Estournel1988,

         AUTHOR   = {C. Estournel},

         YEAR     = 1988,

         TITLE    = {Etude de la phase nocturne de la couche limite atmospherique},

         TYPE     = {These doctorat d'etat 1361},

         SCHOOL   = {Universit{\'e} Paul Sabatier},

         PAGES    = 161,

         NOTE     = {[Available from Universit{\'e} Paul Sabatier, 118 route de Narbonne 31062, Toulouse, France.]}

}
```

12. "Monograph" type

The AMS reference for the "monograph" type should be

Author(s), publication year: Article title. *Monograph Title (italic)*, *Monograph Name (abbreviated, italic)*, monograph number,

16

Publisher, page range.

Bibliographic database entries

The entry for Braham (1981):

```
@INCOLLECTION{Braham1981,
        AUTHOR   = {R. R. Braham},
        YEAR     = 1981,
        TITLE    = {Urban Precipitation Processes},
        BOOKTITLE = {Metromex: A Review and Summary},
        SERIES   = {Meteor. Monogr.},
        NUMBER   = 40,
        PUBLISHER = AMS,
        PAGES    = {75-116}
}
```

13. "Atlas" type

The AMS reference for the "atlas" type should be:

Author(s), publication year: *Atlas Title (italic).* Publisher, total pages.

Bibliographic database entries

The entry for Levitus (1982):

```
@ATLAS{Levitus1982,
        AUTHOR  = {S. Levitus},
        YEAR    = 1982,
        TITLE   = {Climatological Atlas of the World Ocean},
        PUBLISHER = {National Oceanic and Atmospheric Administration},
        PAGES   = 173
}
```

The entry for Bumpus and Lauzier (1965):

```
@ATLAS{Bumpus_Lauzier1965,
        AUTHOR  = {D. F. Bumpus and L. M. Lauzier},
        YEAR    = 1965,
        TITLE   = {Serial Atlas of the Marine Environment},
        SERIES = {Surface circulation on the continental shelf off eastern {N}orth {A}merica between {N}ewfoundland and {F}lorida},
        PUBLISHER = {American Geographical Society},
        NOTE = {{F}olio 7, {P}late 8},
        PAGES   = 4,
}
```

14. "Electronic document" type

The AMS reference for the "electronic document" type should be

Author(s)/Authoring Organization, year cited (explicitly noted): Document name. [Address from which available online.]

Bibliographic database entries

The entry for NCSA (cited 1994):

```
@MISC{NCSA1994,
      ORGANIZATION = {NCSA},
      YEAR    = {cited 1994},
      TITLE   = {A Beginner's Guide to {HTML}},
      NOTE    = {[Available online at http://www/ncsa.uiuc.edu/General/Internet/WWW/HTMLPrimer.html.]}
}
```

15. "Software" type

The AMS reference for the "software" type should be

Author(s)/Authoring Organization, year: Software Edition or Version. Company/Organization that holds the rights to the

software.

Bibliographic database entries

The entry for Smith (1991):

```
@MISC{Smith1991,
      AUTHOR  = {J. Smith},
      YEAR    = 1991,
      TITLE   = {{FORTRAN} {H}-extended {V}ersion 2.3},
      NOTE    = {IBM}
}
```

16. "References with DOIs" type

The AMS reference for the "references with DOIs" type should be

Author(s), publication year: Article title. *Journal Name (abbreviated according to the abbreviations listed in the Chemical Abstracts Source Index, italic)*, **volume number (boldface)**, citation number, DOI code (set lower case, with no space between "doi:" and the code).

Bibliographic database entries

The entry for Meixner et al. (2002):

```
@ARTICLE{MeixnerEA2002,
      AUTHOR  = {T. Meixner and L. A. Bastidas and H. V. Gupta and R. C. Bales},
      YEAR    = 2002,
      TITLE   = {Multicriteria Parameter Estimation of Models of Stream Chemical Composition},
      JOURNAL = {Water Resour. Res.},
      VOLUME  = 38,
  EID     = 1027,
      DOI     = {10.1029/2000WR000112},
}
```

17. Known issues

Significant modifications have been made to the ametsoc.bst bibliographic style file. The version provided here is a significant improvement over that provided with version 1.00 of the AMS LaTeX template. At this time there remain mainly minor punctuation issues with the formatted references. Until these are corrected AMS copyeditors will correct any deficiences with the formatted references. Authors should not attempt to make any edits to the ametsoc.bst bibliographic style file. Comments and suggestions may be sent to latex@ametsoc.org.

REFERENCES

Andrews, D. G., J. R. Holton, and C. B. Leovy, 1987: *Middle Atmosphere Dynamics*, International Geophysical Series, Vol. 40. Academic Press, 489 pp.

Anthes, R. A., E.-Y. Hsie, and Y.-H. Kuo, 1987: Description of the Penn State/NCAR Mesoscale Model Version 4 (MM4). NCAR Tech. Note NCAR/TN-282+STR, 66 pp.

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Gannon, P. T., 1978: Influences of earth surface and cloud properties in the south Florida sea breeze. NOAA Tech. Rep. ERL402-NHELM2, 91 pp. [NTIS PB-297398.].

Goodridge, J. P., H. Rhodes, and E. G. Bingham, 1979: Windstorms in California. Tech. rep., Division of Planning, Department of Water Resources, State of California, 34 pp., [Available from Division of Planning, Department of Water Resources, State of California, 1416 9th St., Sacramento, CA 95814.].

Hirschberg, P., 1988: The saline flow into the Atlantic. M.S. thesis, Dept. of Oceanographic Studies, The Pennsylvania State University, 207 pp., [NTIS PH-358930-2.].

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Kauranne, T., 1990: An introduction to parallel processing in meteorology. *The Dawn of Massively Parallel Processing in Meteorology*, G. R. Hoffman and D. K. Maretis, Eds., Springer-Verlag, 3–20.

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Meixner, T., L. A. Bastidas, H. V. Gupta, and R. C. Bales, 2002: Multicriteria parameter estimation of models of stream chemical composition. *Water Resour. Res.*, **38**, 1027, doi:10.1029/2000WR000112.

NCSA, cited 1994: A beginner's guide to HTML. [Available online at http://www/ncsa.uiuc.edu/General/Internet/WWW/HTMLPrimer.html.], [Available online at http://www/ncsa.uiuc.edu/General/Internet/WWW/HTMLPrimer.html.].

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Wentz, F. J., 1990: West coast storm forecasting with SSM/I. Vol. I. Final tech. rep., Remote Sensing Systems, 42 pp. [Available from Remote Sensing Systems, 1101 College Ave., Suite 220, Santa Rosa, CA 95404.].