How to Use the American Meteorological Society Bibliographic Style File

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ABSTRACT

This document provides authors with examples of references formatted using the American Meteorological Society (AMS) bibliographic style file ametsoc2014.bst. Additional information about reference formatting can be found in the References section of the AMS website (https://www.ametsoc.org/ams/index.cfm/publications/authors/journal-and-bams-authors/formatting-and-manuscript-components/references/). The AMS style for each type of reference is provided. Example database entries for each reference type and the resulting output for each database entry are also given.

1. Introduction

Each section consists of an American Meteorological Society (AMS) reference type, with an explanation of the AMS style for that specific type of reference. Individual references for each type are then cited using the LaTeX cite command, and example database entries for each reference are provided. The full bibliography database can be found in the database.bib file located in the bibliography subdirectory. The resultant formatted references are given at the end of this document in the References section. Authors should use the example database entries to determine what information is necessary to have a properly formatted reference in AMS style.

There are a few items of which authors should take note when preparing their references:

- AMS follows the CASSI (http://cassi.cas.org/search.jsp) for journal name abbreviations, with a few exceptions that are listed in the References section of the online Authors Guide. Shortcut commands can be found in the database.bib file.

- The AMS bibliography style will automatically replace author lists of 9 or more authors with the first author's name and "and Coauthors."

- References beginning with the same surname will be ordered according to year; any alphabetization issues will be resolved manually during copyediting.

- To retain capitalization in article titles, use curly braces around the specific letter/word/phrase that you want to keep its capitalization.

- Minor puncutation issues may exist in some references. These will be corrected during copyediting. Authors should not attempt to make any edits to the ametsoc2014.bst bibliographic style file. Comments and suggestions may be sent to latex@ametsoc.org.

2. "Article" type

Author(s), publication year: Article title. *Journal Name (abbreviated, italic),* **volume number (boldface),** page range/citation number/electronic ID, doi number/url.

The entry for Hubert and Whitney (1971):

```
@ARTICLE{Hubert_Whitney1971,
AUTHOR = {Hubert, L. F., and Whitney, Jr., L. F.},
YEAR = 1971,
TITLE = {Wind estimation from geostationary satellite pictures},
JOURNAL = MWR,
VOLUME = 99,
PAGES = {665-672},
NOTE = {\url{https://doi.org/10.1175/1520-0493(1971)099<0665:WEFGP>2.3.CO;2}}}
```

The entry for Pöhlker et al. (2012):

```
@ARTICLE{poe12,
AUTHOR = {C. P{\"{o}}hlker and K. T. Wiedemann and B. Sinha and M. Shiraiwa and S. S. Gunthe and
M. Smith and H. Su and P. Artaxo and Q. Chen and Y. Cheng and W. Elbert and M. K. Gilles and A. L. D. Kilcoyne
and R. C. Moffet and M. Weigand and S. T. Martin and U. P{\"{o}}schl and M. O. Andreae},
TITLE = {Biogenic Potassium Salt Particles as Seeds for Secondary Organic Aerosol in the {Amazon}},
JOURNAL = {Science},
YEAR = {2012},
```

```
VOLUME = 337,
PAGES = {1075-1078},
NOTE = {\url{https://doi.org/10.1126/science.1223264}}}
```

The entry for Alexander et al. (2002):

```
@ARTICLE{alexander:2002,
AUTHOR = {M. A. Alexander and I. Blad{\'{e}} and M. Newman and J. R. Lanzante and N.-C. Lau and J. D. Scott},
TITLE = {{T}he Atmospheric Bridge: {T}he Influence of {ENSO} Teleconnections on Air--Sea Interaction
 over the Global Oceans},
JOURNAL = {J. Climate},
YEAR = {2002},
VOLUME = {15},
PAGES = {2205-2231},
NOTE = {\url{https://doi.org/10.1175/1520-0442(2002)015<2205:tabtio>2.0.co;2}}}
```

The entry for Gershunov and Guirguis (2012):

```
@ARTICLE {Gershunov2012,
AUTHOR = {A. Gershunov and K. Guirguis},
YEAR = {2012},
TITLE = {California heat waves in the present and future},
JOURNAL = GRL,
VOLUME = {39},
EID = {L18710},
NOTE = {\url{https://doi.org/10.1029/2012GL052979}}}
```

3. “Book” type

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

The entry for Oke (1979):

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

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}
```

4. “Chapter in a book” type

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

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}}
```

5. “Multivolume book” type

a. Citing one volume by title of complete work

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

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}
```

b. Citing one volume by volume title

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

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}
```

6. “Chapter of a multivolume book” type

Author(s), publication year: Chapter title. *Volume title (italic),* Editor(s), volume number, *Title of Complete Work (italic),* edition number (if available). Publisher, page range.

The entry for Tukey (1993):

```
@INCOLLECTION{Tukey1993,
AUTHOR = {J. W. Tukey},
YEAR = 1993,
TITLE = {The problem of multiple comparisons},
BOOKTITLE = {{Multiple Comparisons: 1948--1983}},
EDITOR = {H. I. Braun},
VOLUME = {VIII},
SERIES = {\textit{The Collected Works of John W. Tukey}},
EDITION = {2},
PUBLISHER = {Chapman Hall},
PAGES = {1-300}}
```

7. "Series" type

a. Entire series

Author(s)/Editor(s), publication year: *Volume Title (italic).* Series Title, Volume number, Publisher, total pages.

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}
```

b. Chapter of a volume in a series

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

The entry for Hartmann (1993):

```
@INCOLLECTION{Hartmann1993,
AUTHOR = {D. L. Hartmann},
```

```
YEAR = 1993,
TITLE = {Radiative effects of clouds on earth's climate},
BOOKTITLE = {{Aerosol--Cloud--Climate Interactions}},
EDITOR = {P. V. Hobbs},
SERIES = {International Geophysics Series},
VOLUME = {54},
PUBLISHER = {Academic Press},
PAGES = {151-173}}
```

8. "Report/Note/Memo" type

Author(s), publication year: Report/Note/Memo title. Report/Note/Memo Name and number, Publishing Institution (optional), City, State/Country (optional), total pages. Other optional information such as NTIS number, full mailing address from which report/note/memo can be obtained (including addressee, institution/company, city, state/country, and postal code), DOI number, or URL link to the report may be included in the NOTE field.

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},
INSTITUTION = {NOAA},
ADDRESS = {Silver Spring, MD},
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    = 1987,
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,
NOTE = {\url{https://doi.org/10.5065/D64B2Z90}}}
```

The entry for Ferber et al. (1986):

```
@TECHREPORT{Ferber1986,
AUTHOR = {G. J. Ferber and J. L. Heffter and R. R. Draxler and R. J. Lagomarsino and F. L. Thomas and R. N. Dietz},
YEAR = 1986,
TITLE = {{Cross-Appalachian Tracer Experiment (CAPTEX '83) final report}},
TYPE = {NOAA Tech. Memo.},
NUMBER = {ERL ARL-142},
INSTITUTION = {NOAA/Air Resources Laboratory},
```

```
ADDRESS = {Silver Spring, MD},
PAGES = 60,
NOTE = {\url{http://www.arl.noaa.gov/documents/reports/arl-142.pdf}}}
```

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.]}}
```

9. "Article in a Report" type

Author(s), publication year: Article Title. Report/Note/Memo Title (roman, sentence case), Report/Note/Memo Name/Number (if available), page range. Optional info from standard Report/Note/Memo type also applies here.

The entry for Shibata (2002):

```
@INPROCEEDINGS{Shibata2002,
AUTHOR = {A. Shibata},
YEAR = 2002,
TITLE = {{AMSR/AMSR-E} sea surface wind speed algorithm},
BOOKTITLE = {{\rm Improving our understanding of climate change: {Observing} our water planet using {AMSR} and {AMSR-E}}},
PUBLISHER = {{Japan Aerospace Exploration Agency EORC Bull./Tech. Rep.}},
PAGES = {45-46},
NOTE = {\url{http://sharaku.eorc.jaxa.jp/AMSR/doc/alg/8_alg.pdf}}}
```

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

Author(s), publication year: Article title. Preprints (roman), or *Proc. (abbreviated, italic)*, or *Extended Abstract (italic)* (if included), *Conference Title (italic)*, volume or report number (if included), City and State/Province (if Canada)/Country where the meeting was held, Sponsor, page range/paper number, URL link where paper/abstract may be obtained (if available online). **Note: use CONFERENCE field for papers with paper numbers instead of page ranges.

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 = {{\rm Preprints,} 17th Conf.\ on Radar Meteorology},
ADDRESS = {Seattle, WA},
ORGANIZATION = AMS,
PAGES = {1-6}}
```

The entry for Liu et al. (2006):

```
@INPROCEEDINGS{Liu2006,
AUTHOR = {Y. Liu and V. Bringi and M. Maki},
YEAR = 2006,
TITLE = {Improved rain attenuation correction algorithms for radar reflectivity and differential reflectivity with
adaptation to drop shape model variation},
BOOKTITLE = {Proc. IEEE Int. Conf. on Geoscience and Remote Sensing Symp. 2006},
ADDRESS = {Denver, CO},
ORGANIZATION = {Institute of Electrical and Electronics Engineers},
PAGES = {1910-1913},
NOTE = {\url{https://doi.org/10.1109/IGARSS.2006.493}}}
```

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 Kuji and Nakajima (2002):

```
@CONFERENCE{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 = {Amer. Meteor. Soc.},
PAGES = {JP1.7},
NOTE = {\url{http://ams.confex.com/ams/pdfpapers/39550.pdf}}}
```

11. "Dissertation/Thesis" type

Author(s), publication year: Dissertation/thesis title. Dissertation/thesis, Thesis Department (needed only if Master's thesis), University, total pages. [Mailing address (including addressee, institution/company, city, state/country, and postal code) from which the thesis may be obtained, NTIS number, DOI number, or URL link to the thesis may be included in the NOTE field.]

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

a. Article in a monograph

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

The entry for Braham (1981):

```
@INCOLLECTION{Braham1981,
AUTHOR = {Braham, Jr., R. R.},
YEAR = 1981,
```

```
TITLE = {Urban Precipitation Processes},
BOOKTITLE = {{Metromex: A Review and Summary}},
SERIES = {Meteor. Monogr.},
NUMBER = 40,
PUBLISHER = Amer. Meteor. Soc.,
PAGES = {75-116}}
```

b. Entire monograph

Author(s), publication year: *Monograph Title (italic). Monograph Name (abbreviated, italic),* monograph number, Publisher, total number of pages. **Note that AGU's monograph series goes by volume numbers rather than monograph numbers.

The entry for Seidov et al. (1987):

```
@BOOK{Seidov2001,
EDITOR = {D. Seidov and B. J. Haupt and M. Maslin},
YEAR = 1987,
TITLE = {{The Oceans and Rapid Climate Change: Past, Present, and Future}},
SERIES = {\textit{Geophys. Monogr.}},
VOLUME = 126,
PUBLISHER = {Amer. Geophys. Union},
PAGES = 294}
```

The entry for Blumen (1990):

```
@BOOK{Blumen1990,
EDITOR = {W. Blumen},
YEAR = 1990,
TITLE = {{Atmospheric Processes over Complex Terrain}},
SERIES = {\textit{Meteor. Monogr.}},
NUMBER = 45,
PUBLISHER = {Amer. Meteor. Soc.},
PAGES = 323}
```

13. "Atlas" type

Author(s), publication year: *Atlas Title (italic).* Publisher, total pages. [Optional information: Map title, folio number(s), plate number(s), number of microfiche.]

The entry for Levitus (1982):

```
@BOOK{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):

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

14. "Electronic document" type

a. Website

Author(s)/Authoring Organization, year: Document/web page name. Organization (if different from author), access date (optional), URL link.

The entry for American Meteorological Society (2018):

```
@MISC{AMS2018,
AUTHOR = {{American Meteorological Society}},
YEAR = {2018},
TITLE = {{About AMS}},
NOTE = {Accessed 24 January 2018, \url{https://www.ametsoc.org/ams/index.cfm/about-ams/}}}
```

b. Software

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

The entry for Smith (1991):

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

c. Datasets

Dataset authors/producers, data release year: Dataset title, version. Data archive/distributor, access date (DD Month YYYY), data locator/identifier (doi or URL).

The entry for Jackson and Cosh (2003):

```
@MISC{Jackson_Cosh,
AUTHOR  = {T. J. Jackson and M. H. Cosh},
YEAR    = 2003,
TITLE   = {{SMEX02} watershed soil moisture data, {W}alnut {C}reek, {I}owa, version 1},
PUBLISHER = {National Snow and Ice Data Center},
NOTE    = {accessed 24 January 2018, \url{https://doi.org/10.5067/OAO4SU0XZLGR}}}
```

15. Corrigenda/In Press

Put corrigendum information or "in press" designations at the end of the entry in the NOTE field.

a. Corrigenda

The entry for Charlton and Polvani (2007):

```
@ARTICLE{Charlton_Polvani2007,
AUTHOR = {A. J. Charlton and L. M. Polvani},
YEAR = 2007,
TITLE = {{A new look at stratospheric sudden warmings. Part I: Climatology and modeling benchmarks}},
JOURNAL = {J. Climate},
VOLUME = 20,
PAGES = {449-469},
NOTE = {\url{https://doi.org/10.1175/JCLI3996.1}; {C}orrigendum, \textbf{24}, 5951, https://doi.org/10.1175/JCLI-D-11-00348.1}
```

b. In press

Please include the DOI number, if available, for in-press references.

The entry for Santanello et al. (2013):

```
@ARTICLE{Santanello2013,
AUTHOR = {Santanello, Jr., J. A., and S. V. Kumar and C. D. Peters-Lidard and K. Harrison and S. Zhou},
YEAR = 2013,
TITLE = {Impact of Land Model Calibration on Coupled Land--Atmosphere Prediction},
JOURNAL = {J. Hydrometeor.},
NOTE = {\url{https://doi.org/10.1175/JHM-D-12-0127.1}, in press}}
```

REFERENCES

Alexander, M. A., I. Bladé, M. Newman, J. R. Lanzante, N.-C. Lau, and J. D. Scott, 2002: The atmospheric bridge: The influence of ENSO teleconnections on air–sea interaction over the global oceans. *J. Climate*, **15**, 2205–2231, https://doi.org/10.1175/1520-0442(2002)015⟨2205:tabtio⟩2.0.co;2.

American Meteorological Society, 2018: About AMS. Accessed 24 January 2018, https://www.ametsoc.org/ams/index.cfm/about-ams/.

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. https://doi.org/10.5065/D64B2Z90.

Blumen, W., Ed., 1990: *Atmospheric Processes over Complex Terrain*. No. 45, *Meteor. Monogr.*, Amer. Meteor. Soc., 323 pp.

Braham, R. R., Jr., 1981: Urban precipitation processes. *Metromex: A Review and Summary*, No. 40, *Meteor. Monogr.*, Amer. Meteor. Soc., 75–116.

Bumpus, D. F., and L. M. Lauzier, 1965: Surface circulation on the continental shelf off eastern North America between Newfoundland and Florida. *Serial Atlas of the Marine Environment*, American Geographical Society, Folio 7, Plate 8, 4 pp.

Charlton, A. J., and L. M. Polvani, 2007: A new look at stratospheric sudden warmings. Part I: Climatology and modeling benchmarks. *J. Climate*, **20**, 449–469, https://doi.org/10.1175/JCLI3996.1; Corrigendum, **24**, 5951, https://doi.org/10.1175/JCLI-D-11-00348.1.

Chen, T. C., 1979: On the kinetic energy of the divergent and nondivergent flow in the atmosphere. Tech. Memo to the National Science Foundation, Grant GA-161660, Iowa State University, Ames, IA, 143 pp.

Cheng, X., 1993: Linear and nonlinear aspects of Northern Hemisphere wintertime variability in the 500 mb height field. Ph.D. thesis, University of Washington, 180 pp., [Available from University Microfilm, 305 N. Zeeb Rd., Ann Arbor, MI 48106.].

Chorin, A. J., and J. E. Marsden, 1993: *A Mathematical Introduction to Fluid Dynamics*. 3rd ed., Springer-Verlag, 169 pp.

Courant, R., and D. Hilbert, 1953: *Methods of Mathematical Physics*, Vol. 1. Wiley-Interscience, 560 pp.

Estournel, C., 1988: Etude de la phase nocturne de la couche limite atmospherique. These doctorat d'etat 1361, Université Paul Sabatier, 161 pp., [Available from Université Paul Sabatier, 118 route de Narbonne 31062, Toulouse, France.].

Ferber, G. J., J. L. Heffter, R. R. Draxler, R. J. Lagomarsino, F. L. Thomas, and R. N. Dietz, 1986: Cross-Appalachian Tracer Experiment (CAPTEX '83) final report. NOAA Tech. Memo. ERL ARL-142, NOAA/Air Resources Laboratory, Silver Spring, MD, 60 pp. http://www.arl.noaa.gov/documents/reports/arl-142.pdf.

Fukuta, N., H. S. Chang, J. L. Sutherland, and D. A. Griffith, 1984: Comparative airborne tests of vapor-activated methaldehyde and silver iodide particles in supercooled stratus clouds. *Extended Abstracts, Ninth Conf. on Weather Modification*, Park City, UT, Amer. Meteor. Soc., 6–7.

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

Gershunov, A., and K. Guirguis, 2012: California heat waves in the present and future. *Geophys. Res. Lett.*, **39**, L18710, https://doi.org/10.1029/2012GL052979.

Hartmann, D. L., 1993: Radiative effects of clouds on earth's climate. *Aerosol–Cloud–Climate Interactions*, P. V. Hobbs, Ed., International Geophysics Series, Vol. 54, Academic Press, 151–173.

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.].

Hubert, L. F., and L. F. Whitney, Jr., 1971: Wind estimation from geostationary satellite pictures. *Mon. Wea. Rev.*, **99**, 665–672, https://doi.org/10.1175/1520-0493(1971)099⟨0665:WEFGP⟩2.3.CO;2.

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