

Betty Petersen Memorial Library News

NOAA Science Center

Vol. 1, No. 2

Special points of interest:

- Historical Weather Maps added to library collection
- Monthly orientation session and new workshop
- New seminar series highlighting technical topics
- Several new items added to the catalog
- Need help with your scientific writing? The library can help!

Historical Weather Maps now in library

Thanks to a donation from the Hydrological Prediction Center, the set of Historical Weather Maps previously housed in the 4th floor break room is now a part of the NOAA Science Center Library collection.

The maps in these volumes are from the series of Weather Maps prepared through a cooperative project of the Army Air Forces and the Weather Bureau. The series begins with 1899 maps and is continued by Northern Hemisphere



Daily Maps through 1957. The series then continues as a Daily Series of Synoptic Weather Maps (Part I– Northern Hemisphere Sea-Level and 500-Millibar

Charts) through to 1969.

Also included are the Daily Synoptic Series of the Historical Weather Maps– Northern Hemisphere 3,000 Dynamic Meters arranged decadal to 1940.

The series will be temporarily located in the collapsible shelves in the library. Please see the librarian for access.

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Upcoming orientations and workshops for November

Library Orientation: Friday, Nov 7 at 12pm in WWB Rm 103 (library)

New to the NOAA Science Center Building? Unfamiliar with NOAA Library resources? The Betty Petersen Memorial Library offers a 20 minute library orientation once a month. Come familiarize yourself with the library collection and learn about resources available to you from your workstation desktop.

Library Services at your Desktop: Nov 13, 12-1pm in Conf. Rm. 209 Topics to be covered:

- Navigating the library website
- Accessing journals online, including setting up email alerts and RSS feeds for new issues and articles
- Accessing and searching NOAALINC, the NOAA-wide online catalog and checking your library account online
- Submitting Interlibrary Loan requests via the library web-

site.

- Using library-subscribed databases, including Web of Science, Meteorological & Geostrophysical Abstracts (MGA), American Geophysical Union (AGU) Digital Library.
- Accessing e-books

Whether you're new to the NOAA Science Center or already a seasoned library user, you'll benefit from this information session!

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National Academies Press books are available in pdf online, or print copies can be ordered for free for requesters using a government email address.

New eBooks from National Academies

[Environmental Data Management at NOAA: Archiving, Stewardship, and Access](#) (2007)

[Earth Observations from Space: The First 50 Years of Scientific Achievements](#) (2008)

[Global Climate Change and Extreme Weather Events: Understanding the Contributions to Infectious Disease Emergence: Workshop Summary](#) (2008)

[NOAA's Role in Space-Based Global Precipitation Estimation and Application](#) (2007)

[Potential Impacts of Climate Change on U.S. Transportation: Special Report 290](#) (2008)

[Review of the U.S. Climate Change Science Program's Synthesis and Assessment Product 5.2, "Best Practice Approaches for Characterizing, Communicat-](#)

[ing, and Incorporating Scientific Uncertainty in Climate Decision Making"](#) (2007)

[Review of the U.S. Climate Change Science Program's Synthesis and Assessment Product 1.3: Reanalyses of Historical Climate Data for Key Atmospheric Features: Implications for Attribution of Causes of Observed Change](#) (2008)

Please think of the library when you are cleaning out your desk area!

Library Donations on Clean Up Days

Many employees in the building have already been generous in donating publications to the NOAA Science Center Library. Many items have been added to the library collection in the last couple of months, thanks to these donations.

In preparation for the move to College Park, many of you are finding publications (books, techni-

cal reports, journals) that you wish to donate to the library collection. Because of this, I will be setting up a library cart located outside of the door to the library on the first floor on designated clean-up days. Guidelines will be posted around the building and on the WWB listserv to guide you in selecting donations.

Duplicate materials will be of-

fered up to other NOAA libraries before discarding. Donations can be accepted on alternate dates with prior arrangement. If you have any questions regarding donations to the library, please feel free to email the librarian at michelle.k.campbell@noaa.gov or stop by the library.



New technical series of library seminars coming soon

The library is launching a new technical series of seminars focused on technical subjects. The first presentation in this series will take place at 10:30am on 12/4 with a seminar on Fortran95 by Paul van Delst of the Joint Centre for Satellite Data Assimilation.

if you are interested in presenting on any of the following topics, please contact the librarian at michelle.k.campbell@noaa.gov

- Java
- PHP
- Fortran
- C, C++
- Python
- Ruby
- ASP
- Google Earth
- Any other topics of interest

If there are any other software programs or languages that you would like to present, or to see presented, please notify the librarian.

Spotlight on... Scientific and Technical Writing

Do you need some help with your technical writing skills? Betty Petersen Memorial Library holds a number of resources to help you out with your scientific and technical writing skills. These include the following books:

Blicq, R., 1986: **Technically-write! : communicating in a technological era.** 3rd ed. Prentice-Hall, T11 .B62 1986

Booth, V., 1993: **Communicating in science : writing a scientific paper and speaking at scientific meetings.** 2nd ed. Cambridge University Press Q223 .B664 1993

Day, R. A. and B. Gastel, 2006: **How to write and publish a scientific paper.** 6th ed. Greenwood Press, T11 .D33 2006

Ehrlich, E. H. and D. J. Murphy, 1964: **The art of technical writing;**

a manual for scientists, engineers, and students. Crowell, T11 .E35

Markel, M. H. and IEEE Professional Communication Society., 1994:

Writing in the technical fields : a step-by-step guide for engineers, scientists, and technicians. IEEE Press T11 .M3465 1994

Microsoft Corporation., 1998: **The Microsoft manual of style for technical publications.** 2nd ed. Microsoft Press, T11 .M467 1998

For more on technical speaking:

Goodlad, S., 1996: **Speaking technically : a handbook for scientists, engineers, and physicians on how to improve technical presentations.** Imperial College Press T10.5 .G67 1996

Booth, V., 1993: **Communicating in science : writing a scientific paper and speaking at scientific meetings.** 2nd ed. Cambridge University Press, Q223 .B664 1993

For more on writing in general:

Strunk, W. and E. B. White, 1999: **The elements of style.** 4th ed. Allyn and Bacon, PE1408 .S772 1999

Electronic resources:

Gopen, G.D. and J. A. Swan, 1990: "The Science of Scientific Writing," *American Scientist*. Available online at: <http://www.amstat.org/publications/jcgs/sci.pdf>

McCaskill, M. K., 1998: NASA Guide to Grammar, **Punctuation, and Capitalization: A Handbook for Technical Writers and Editors.**, 108 p. Available online in pdf at: <http://www.sti.nasa.gov/publish/sp7084.pdf>



To locate these or any other books in the library collection, check the library catalog at <http://www.lib.noaa.gov/uhtbin/webcat/> Make sure to select Betty Petersen Memorial Reading Room as your library!

To reserve any of these items, please email

[michelle.campbell](mailto:michelle.campbell@noaa.gov)

@noaa.gov

New additions to library catalog

Thanks to a lot of new donations on last month's clean-up day, a number of new items were added to catalog and gaps in technical report and conference proceedings holdings were filled. Included in the new additions:

American Meteorological Society., *17th Conference on Weather Analysis and Forecasting*, ; *13th Conference on Numerical Weather Prediction, 13-17 September 1999*, Denver, Colorado. (1999)

R. Hoque, T. Sharma, *Programming Web components.* (1998)

G. Korte, *The GIS book.* (ed. 4th, 1997)

J. R. Levine, M. L. Young, *UNIX for dummies.* (ed. 2nd, 1995)

D. Mack, D. Seven, *Programming data-driven web applications with ASP.NET.* (2002)

K. A. Powell, *Using Microsoft Visio 2002.* (2003)

W. J. Ripple, *The GIS applications book : examples in natural resources : a compendium.* (1994)

S. Schuber et al. *Prospects for Improved Forecasts of Weather and Short-Term Climate Variability on Subseasonal (2-Week to 2-Month) Time Scales.* Technical report series on global modeling and data assimilation. NASA

technical memorandum 104606, Vol. 23

D. R. Vint, *SGML at work.* (1999)

D. Waliser et al. *Modeling, simulation, and forecasting of subseasonal variability.* Technical report series on global modeling and data assimilation. NASA technical memorandum 104606, Vol. 25

World Climate Research Programme., *CLIVAR 2004 : 1st International CLIVAR Science Conference, June 21-25, 2004, Baltimore, Maryland, USA : understanding and predicting our climate system : conference program.* (2004)



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Contact the librarian at michelle.k.campbell@noaa.gov