

**AMERICAN METEOROLOGICAL SOCIETY
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AMERICAN METEOROLOGICAL SOCIETY – MARCH SCIENCE HIGHLIGHTS

Following are story ideas and tips about upcoming AMS meetings, papers in our nine peer-reviewed journals, and other happenings in the atmospheric and related sciences community.

Predicting Dust Storms for Operation Iraqi Freedom. A paper in the February 2007 issue of the AMS' *Weather and Forecasting* takes a closer look at the U.S. Navy's aerosol model used to predict dust storms in March and April 2003 during Operation Iraqi Freedom. It turns out that the models did an excellent job predicting the onset, dust mass concentration, and visibility of upcoming dust events up to 72 hours out. In fact, the Navy's model predicted major dust events within 2 hours and in most cases predicted the intensity of storms (reduction in visibility) with an error of less than 1 kilometer. Since dust storms are a significant weather phenomenon in the Iraq region in winter and spring, this type of model is critical for providing support to the operations. For a copy of the paper contact Stephanie Kenitzer.

Upcoming AMS Meetings. The Ninth Conference on Polar Meteorology and Oceanography / Joint Symposium on Air Sea Interaction and Climate Variability and Change will take place 28 May–1 June 2007, in St. John's, Newfoundland, Canada. The 16th Conference on Atmospheric and Oceanic Fluid Dynamics will be held from 25–29 June 2007 in Santa Fe, New Mexico; and the 22nd Conference on Weather Analysis and Forecasting and 18th Conference on Numerical Weather Prediction will be 25–29 June 2007, Park City, Utah. For more details on any of these meetings see <http://www.ametsoc.org/meet/meetinfo.html>

Back to the Future. Looking for a paper that appeared in the AMS' *Monthly Weather Review* in 1875? How about 1942? Well now you can find them all online. Effective March 1, the *Monthly Weather Review* archives go back to 1873. You can search for papers and authors online at <http://ams.allenpress.com/perlserv/?request=get-archive> For PDF files of papers contact Stephanie Kenitzer.

Recorded Presentations Now Online. Did you miss the AMS 87th Annual Meeting in San Antonio but really want to hear one of the presentations? No worries. The presentations for those authors that agreed to be recorded are now online at http://ams.confex.com/ams/87ANNUAL/techprogram/meeting_87ANNUAL.htm Note these are audio presentations along with any Power Point used by the presenter. Look for the  beside the presentation title.

AMS Environmental Seminar Series. The next AMS Environmental Seminar is tentatively scheduled for March 19, 2007. The tentative topic is "Health and Trajectory of Marine Ecosystems." More details will follow shortly. Details about the seminars are online at <http://www.ametsoc.org/atmospolicy/environmentalssarchives.html>

Reminder - AMS Science Journalism Award Deadline is May 1, 2007. The entry deadline for the *AMS Award for Distinguished Science Journalism in the Atmospheric and Related Sciences* is May 1, 2007. The award aims to recognize outstanding science reporting and writing of scientific discoveries, principles, advances, and impacts in all media outlets including radio, television, newspaper, magazine and Internet. The terms of reference and nomination details are online at www.ametsoc.org or contact Stephanie Kenitzer.

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The AMS (<http://www.ametsoc.org>) is the nation's leading professional society for those in the atmospheric and related sciences.