



WEEKLY REPORT

NOAA OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH PUBLIC AFFAIRS Submitted: July 8, 2009

JULY

NEW ENTRY: July 22-23: NOAA Science Advisory Board meeting. NOAA Administrator Jane Lubchenco is slated to attend this meeting at the Aquarium of the Pacific in Long Beach, Calif. The board will present reports from various working groups, and hear presentations from Jack Hayes of the National Weather Service and John Cortinas of NOAA's Joint and Cooperative Institutes program. *Local media advisory will be issued Goldman also arranging for local media interview for Dr. Lubchenco.* (Goldman)

July 24 : Ocean Exploration and Research to hold press conference in San Francisco: The press conference will announce a collaboration between Ocean Exploration and Research and the Exploratorium: the Exploratorium will announce plans to be linked with the *Okeanos Explorer* via an exploration console. At the press conference, OER will also release imagery from the *Okeanos Explorer's* recent multibeam sonar work in the Mendocino Ridge. *NOAA press release to be issued.* (Gorell)

July: New NOAA computer dedicated to hurricane forecast research. A \$6 million high-performance supercomputer, the "Nehalem Jet," should be ready by August to produce experimental forecasts of hurricane track and intensity. ESRL will host the computer but researchers from across government and academia will be able to access it for hurricane research. The new equipment will triple the computing power of NOAA's R&D High-Performance Supercomputer. *Press activity: Press release mid to late summer.* (Anatta)

AUGUST

Mid-late August: WISDOM hurricane balloon field study media event. Plans are being discussed for a media event, likely in Stennis, Miss., at the same time as a training session for students to teach them to launch a new type of hurricane balloon this hurricane season. The event would include NOAA and Department of Homeland Security leadership if possible. Details still being worked out. *Media event at Stennis, press release to hurricane-area media, science media.* (Goldman)

August-September: NOAA Instruments on NASA's Global Hawk Test Flights. ESRL scientists will fly ozone and trace-gas monitoring instruments aboard NASA's Global Hawk unmanned aircraft during test flights from NASA Dryden in California. The flights mark the first time Earth science has been conducted from aboard a high-altitude, long-endurance

unmanned aircraft and the first time on a 30-hour continuous flight. Press activity: *Press release coordinated with NASA; media day at Dryden likely.* (Anatta)

MEETINGS, CONFERENCES, WORKSHOPS:

October 4: Coast Day, Lewes, Delaware

October 8-10: Society for Environmental Journalists, annual meeting, Madison, Wis. – NOAA “green ship” *Laurentian* to participate in field trip in Milwaukee.

FYI:

October 10-11: Susan Solomon inducted into National Women’s Hall of Fame, Seneca Falls, N.Y.

SCIENCE SNIPPET:

--- Great Lakes Environmental Research Laboratory, Ann Arbor, Mich.: “Nowcasts” Give Current Conditions of Saginaw Bay, Lake Huron: National Centers for Coastal Ocean Science (NCCOS)-funded researchers at several Great Lakes area universities and the NOAA Great Lakes Environmental Research Laboratory have developed nowcast analyses of present physical conditions for Saginaw Bay in Lake Huron.

These numerical model-generated nowcasts of winds, surface water temperatures, tracer concentrations, and currents are updated four times per day and have a map animation feature that depicts an aerial view 48 hour forecast animation for each variable. These products are being issued by the NOAA Great Lakes Coastal Forecast System (GLCFS) for general use by commercial, recreation, and emergency response communities.

This research team, studying the effects of multiple stressors on Saginaw Bay as part of the NCCOS Multistress Program, is developing models to aid management actions that will improve the health of the Bay and restore the ecosystem services important to the area’s population.
