

RECENT AOML GROUP AWARDS

Year	Award	Awarding Organization	Recipients	Award Justification
2007	Bronze Medal	U.S. Department of Commerce	Western Boundary Time Series-Meridional Overturning Circulation Team (includes a large cadre of scientists and technicians with AOML's Physical Oceanography Division)	For long-term research, design, and support of an observing system for the Florida Current and the Meridional Overturning Circulation.
2007	Bronze Medal	U.S. Department of Commerce	Peter Black Peter Dodge John Gamache Shirley Murillo Mark Powell Eric Uhlhorn (along with Paul Chang [NESDIS] and Richard Knabb [NWS])	For employing a unique technology to diagnose Hurricane Katrina's winds, a technology needed for surge, wave, intensity, and ecosystem modeling efforts.
2007	Group Achievement Award	National Aeronautics and Space Administration	Robert M. Atlas (as a member of the AIRS [Atmospheric Infrared Sounder] Science Team)	For development and verification of the AIRS Level 2 Product Generation Algorithm which accurately produces daily global profiles of temperature, water vapor, and trace gases.
2006	Gold Medal	U.S. Department of Commerce	Robert Castle Betty Huss Esa Peltola Tsung-Hung Peng Rik Wanninkhof Kevin Sullivan (CIMAS) (along with PMEL's Ocean Carbon Group)	For 15 years of painstaking research and observations that have shown the oceans are becoming more acidic as a result of the uptake and storage of anthropogenic carbon dioxide.

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2006	Silver Medal	U.S. Department of Commerce	Shailer Cummings Christopher Kelble (CIMAS) (along with others from NOAA's Office of Marine Affairs and the National Marine Fisheries Service)	For conducting field operations immediately following Hurricane Katrina's Gulf of Mexico passage that were vital for ensuring seafood was safe for public consumption, saving millions in potential fishery losses.
2006	Bronze Medal	U.S. Department of Commerce	Hurricane Research Division	For innovation and commitment to the NOAA Hurricane Mission during Katrina's Louisiana landfall while recovering from the south Florida landfall.
2006	Administrator's Award	NOAA	Peter Dodge John Gamache Joseph Griffin Nancy Griffin Paul Leighton	For developing the algorithms and related software to enable real-time analysis and transmission of wind fields and airborne Doppler radar collected in hurricanes to improve the initialization of the new generation of hurricane forecast models.
2005	Bronze Medal	U.S. Department of Commerce	Judith Gray (along with members of a NOAA-wide group)	For leadership in establishing the Coastal Storms Program and successfully completing the program's first pilot in Florida.
2005	Bronze Medal	U.S. Department of Commerce	Hector Casanova (along with others from the National Ocean Service)	For forging an historic, long-term partnership with Mexico to increase the safe marine transportation of goods and services, including key energy shipments, in shared boundary waters.

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2005	Bronze Medal	U.S. Department of Commerce	Joseph Bishop Hector Casanova Jules Craynock James Hendee Jeffrey Judas John Proni Emilce Rodriguez Michael Shoemaker Jack Stamates Scott Stolz Jeffrey Absten (CIMAS) Louis Florit (CIMAS) Michael Jankulak (CIMAS) Erik Stabenau (NRC) (along with John Halas of NOAA's Florida Keys National Marine Sanctuary)	For implementing a unique oceanographic and meteorological monitoring network in coral reef areas under goals established by the U.S. Coral Reef Task Force and NOAA.
2005	Administrator's Award	NOAA	Christopher Landsea Frank Marks (along with other scientists from OAR and NWS)	For establishing and administering the Joint Hurricane Testbed, NOAA's first U.S. Weather Research Program testbed, accelerating research into operations and greatly improving forecasts.
2004	Bronze Medal	U.S. Department of Commerce	Neal Dorst Jason Dunion (CIMAS) (along with others from NOAA's Aircraft Operations Center)	For conducting hurricane surveillance missions during September 2003 Hurricane Isabel that improved forecast data for the east coast of the United States.
2004	Administrator's Award	NOAA	Claudia Schmid Yeun-Ho Daneshzadeh Reyna Sabina Elizabeth Forteza (CIMAS) Xiangdong Xia (CIMAS)	For pioneering the development of a system to deliver quality-controlled, global ocean data in real time to the international operational and research oceanographic communities.

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2004	Banner I. Miller Award	American Meteorological Society	Michael L. Black Krystal Valde James Franklin (NHC)	For development of a new observation strategy employing GPS dropwindsondes, which has led to improved real-time hurricane wind analyses, enhanced preparedness and mitigation, and increased general knowledge of hurricane structure. [Franklin, J.L., M.L. Black, and K. Valde, 2003: GPS dropwindsonde wind profiles in hurricanes and their operational implications. <i>Weather and Forecasting</i> , 18(1):32-44]
2003	Gold Medal	U.S. Department of Commerce	Michael Black James Franklin (NHC)	For pioneering and innovative research using Global Positioning System dropsonde data to study the wind structure in the eyewall region of tropical cyclones.
2003	Bronze Medal	U.S. Department of Commerce	Howard A. Friedman (along with members of a NOAA-wide facilitators group)	For contributions that enabled NOAA to successfully facilitate close to 1,000 work group meetings as part of its second Survey Feedback Action (SFA) process.
2003	Excellence in Partnering Award	National Oceanographic Partnership Program (NOPP)	AOML	For AOML's role as a partner in the NOPP-funded Argo project.
2003	2003 Federal Energy and Water Management Award	Department of Energy	Joseph Pica Judith Gray Gregory Banes	For infrastructure improvements that have reduced overall energy costs by nearly 40% at AOML.
2003	Federal Energy Saver Showcase Facility Award	Federal Energy Management Program	AOML	For energy efficiency and utilizing renewable energy techniques.
2002	Administrator's Award	NOAA	Richard H. Wanninkhof (with Richard Feely, PMEL)	For outstanding leadership in studying the oceanic carbon cycle and its role in sequestering carbon dioxide as part of the Ocean Atmosphere Carbon Exchange Study (OACES).

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2002	Banner I. Miller Award	American Meteorological Society	John Kaplan (with Mark DeMaria, NESDIS)	For the best contribution to the science of hurricane and tropical weather forecasting published in a journal with international circulation during the 48 months prior to the presentation of the award: DeMaria, M., and J. Kaplan, 1999: An updated Statistical Hurricane Intensity Prediction Scheme (SHIPS) for the Atlantic and eastern north Pacific basins. <i>Weather and Forecasting</i> , 14(3):326-337.
2002	Outstanding Achievement Award in Meteorology	24th National Hurricane Conference	Michael L. Black (with James L. Franklin, NHC)	For pioneering the use of global positioning system (GPS) dropsondes to study the inner core region of tropical cyclones.
2002	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Stanley B. Goldenberg Christopher W. Landsea Alberto M. Mestas-Núñez	Goldenberg, S.B., C.W. Landsea, A.M. Mestas-Núñez, and W.M. Gray, 2001: The recent increase in Atlantic hurricane activity: Causes and implications. <i>Science</i> , 293(5529):474-479.
2002	Best Wireless Project Award	NOAA Tech 2002 Conference (Oct. 23-25, 2001), Office of High Performance Computing and Communications	Frank D. Marks Joseph S. Griffin	For presentation of the wireless-based WLAN technology onboard the NOAA WP-3D research aircraft.
2002	Best Technology Transfer to Operations Award	NOAA Tech 2002 Conference (Oct. 23-25, 2001), Office of High Performance Computing and Communications	Sonia Otero Nirva Morisseau-Leroy Nicholas Carrasco	For outstanding achievement in the research and application of HPCC technology to further NOAA's service to the nation (resentation about Project H*WIND, a Java application for global tropical cyclone monitoring and wind analysis).
2002	Business Partner Award	Office of School Reform, Miami-Dade County Public Schools	AOML	For outstanding support and commitment to excellence in education.

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2001	Bronze Medal	U.S. Department of Commerce	Stanley B. Goldenberg Christopher W. Landsea (members of National Weather Service group)	For issuing the accurate and first official physically based Atlantic seasonal hurricane outlooks for the 1998-1999 hurricane seasons, based upon new research.
2001	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Gustavo J. Goñi Peter G. Black	Shay, L.K., G.J. Goñi, and P.G. Black, 2000: Effects of a warm oceanic feature on Hurricane Opal. <i>Monthly Weather Review</i> , 128(5):1336-1383.
2001	Certificate of Recognition	Miami-Dade County Public Schools/Maritime and Science Technology High School (MAST Academy)	AOML	Dade Partnership, 2001-2002.
2000	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Robert L. Molinari W. Douglas Wilson	Molinari, R.L., R.A. Fine, W.D. Wilson, R.G. Curry, J. Abell, and M.S. McCartney, 1998: The arrival of recently formed Labrador Sea Water in the Deep Western Boundary Current at 26.5°N. <i>Geophysical Research Letters</i> , 23(13):2249-2252.
2000	Best JAVA Implementation Award	NOAA Tech 2000 Conference (Oct. 19-21, 1999), Office of High Performance Computing and Communications	Nirva Morisseau-Leroy Shirley T. Murillo Sonia Otero Mark D. Powell	For their presentation entitled "A Distributed, Real-Time Hurricane Wind Analysis System" (H*WIND).