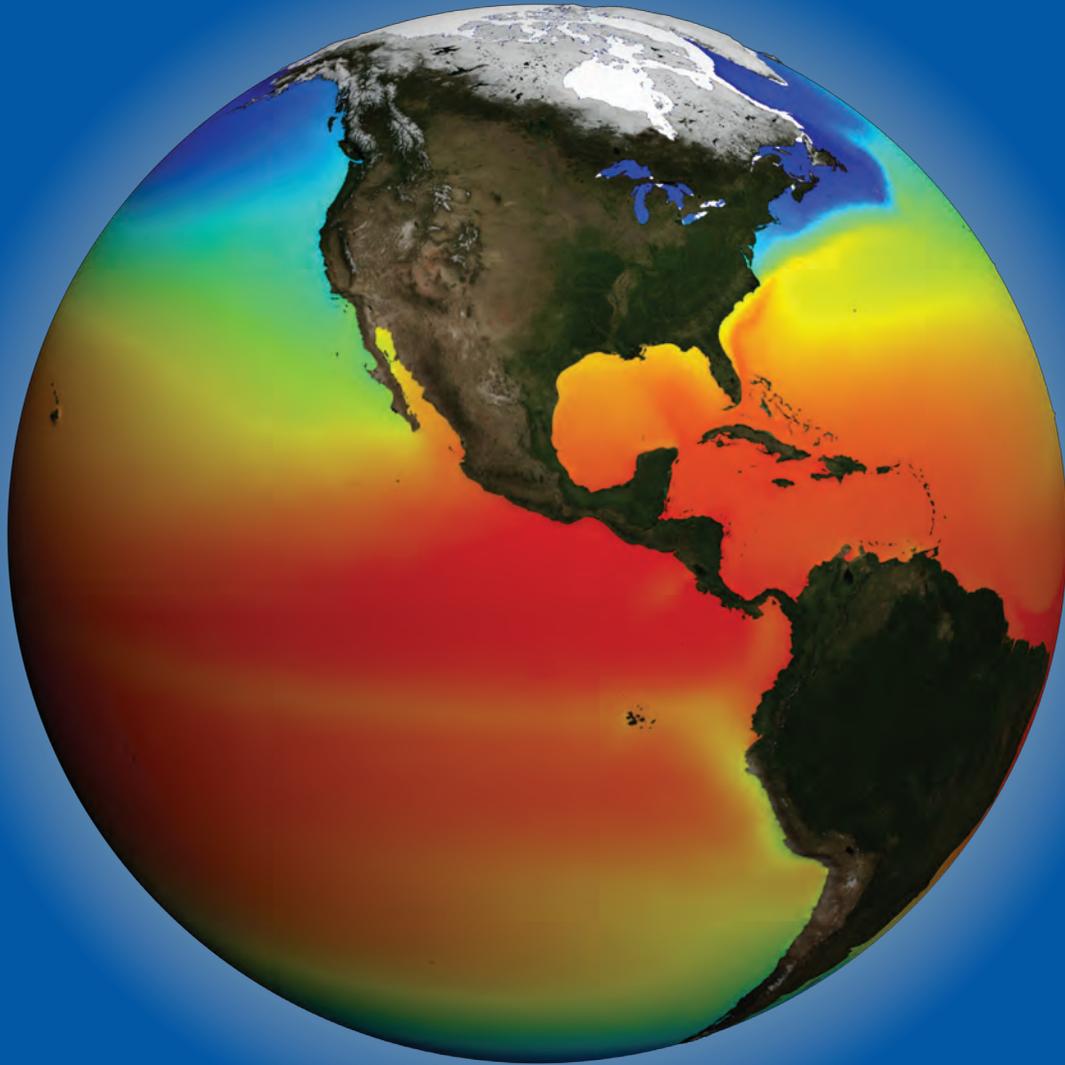


NATIONAL
OCEANIC &
ATMOSPHERIC
ADMINISTRATION

FY 2010 BUDGET SUMMARY

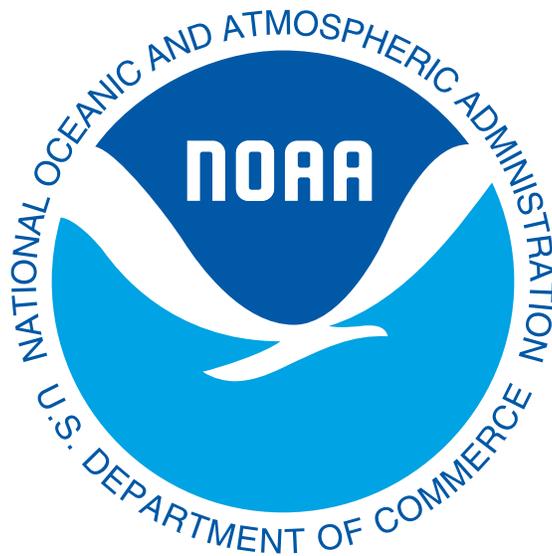


MAY 11, 2009

Front Cover: The National Oceanographic Data Center in partnership with the University of Miami analyzes POES sea surface temperature data for climatological trends (West Hemisphere Projection).

Image created by the NOAA Environmental Visualization Lab.

NOAA PROTECTING LIVES AND LIVELIHOODS



NOAA's VISION

An informed society that uses a comprehensive understanding of the role of the oceans, coasts, and atmosphere in the global ecosystem to make the best social and economic decisions.

NOAA's MISSION

To understand and predict changes in Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.

NOAA's CORE VALUES

People, Integrity, Excellence, Teamwork, and Ingenuity
Science, Service, and Stewardship



TO THE READER

I am pleased to present the *Budget Summary* for NOAA, the National Oceanic and Atmospheric Administration, for fiscal year 2010. This summary relates information on NOAA's budget and programs for members of Congress and their staffs, the media, and our constituents and customers. It highlights NOAA's past accomplishments and planned actions intended to ensure that we achieve the outcomes outlined by the Commerce Department and the President.

At NOAA, we believe that science should inform decision making. We have a commitment to make policy and management decisions based on scientific knowledge, and are focused at NOAA on delivering useful services based on that knowledge. With hard work and the best science as our guide, NOAA can spur the creation of new jobs, revive our fisheries and the economies and communities they support, improve weather forecasting and disaster warnings, provide credible information about climate change to the nation, and protect and restore our coastal ecosystems.

NOAA plays a crucial role in the nation's economic stability and growth by providing products and services that impact the daily lives of every one of our citizens. Weather and water extreme events such as droughts, hurricanes and tornadoes cause \$11 billion in damages each year in the United States. With so much at stake, NOAA's role in understanding, observing, forecasting, and warning of environmental events is ever expanding. In addition, NOAA also has a responsibility to keep our coasts and in land waters healthy and productive.

Our coasts, estuaries, and oceans are critical to the economic, social, and ecological vitality and security of our nation. Coastal counties are home to 53% of the population, even though they make up only 17% of the land area. NOAA is working toward using a comprehensive ecosystem-based planning approach to address coastal development and use of our natural resources.

NOAA faces a variety of challenges in fiscal year 2010 and beyond: maintaining continuity of weather and climate observations from satellites, ending overfishing and strengthening coastal economies through improved fisheries management, establishing a national climate service, and ensuring the vitality of coastal communities and coastal ecosystems. It is our responsibility to manage these challenges in light of a changed climate and escalating requests for services. NOAA will continue to serve the nation now and in the future by collecting and synthesizing scientific data and creating meaningful products and information for informed decision making.

Under the new leadership of Commerce Secretary Gary Locke, NOAA will continue to serve as a trusted steward of the oceans and coasts. We join the President in his commitment to bring good science to good government. NOAA appreciates the continued support from members of Congress and our constituents. I am committed to joining Secretary Locke and President Obama in building upon NOAA's impressive track record and in creating an enduring legacy for our children, for the environment, and for our nation.

Dr. Jane Lubchenco
Under Secretary of Commerce for Oceans and Atmosphere
and NOAA Administrator

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TERMINOLOGY

The reader should be aware of the specific meaning of several terms as they are used throughout this budget summary:

“FY 2008 Omnibus:”

Fiscal Year (FY) 2008 Appropriations, not including Farm Bill (PL. 110-234) and Continuing Resolution (PL. 110-329) Supplemental Funds

“FY 2009 Omnibus:”

Fiscal Year (FY) 2009 Appropriations, not including American Recovery & Reinvestment Act (ARRA) Supplemental Funds

“FY 2010 Request:”

Fiscal Year (FY) 2009 Enacted, less Terminations, plus Adjustments-to-Base, and Program Changes

“Program Change:”

The increase/decrease over the FY 2010 base, which is the FY 2009 Omnibus minus Terminations, plus Adjustments-to-Base

“Adjustments-to-Base:”

The estimated FY 2010 Federal Pay raise of 2.0% and the annualized FY2009 pay raise of 3.9%. Program totals will provide inflationary increases for non-labor activities, including service contracts, utilities, field office lease payments, and rent charges from GSA. In addition, ATBs include unique/technical adjustments to the base program.



INTRODUCTION



One of Healy's cranes lowers a scientist and equipment onto the ice. Photo taken during the 2005 NOAA-sponsored "Hidden Ocean" cruise to study marine life in all realms of the Canada Basin, one of the deepest parts of the Arctic Ocean

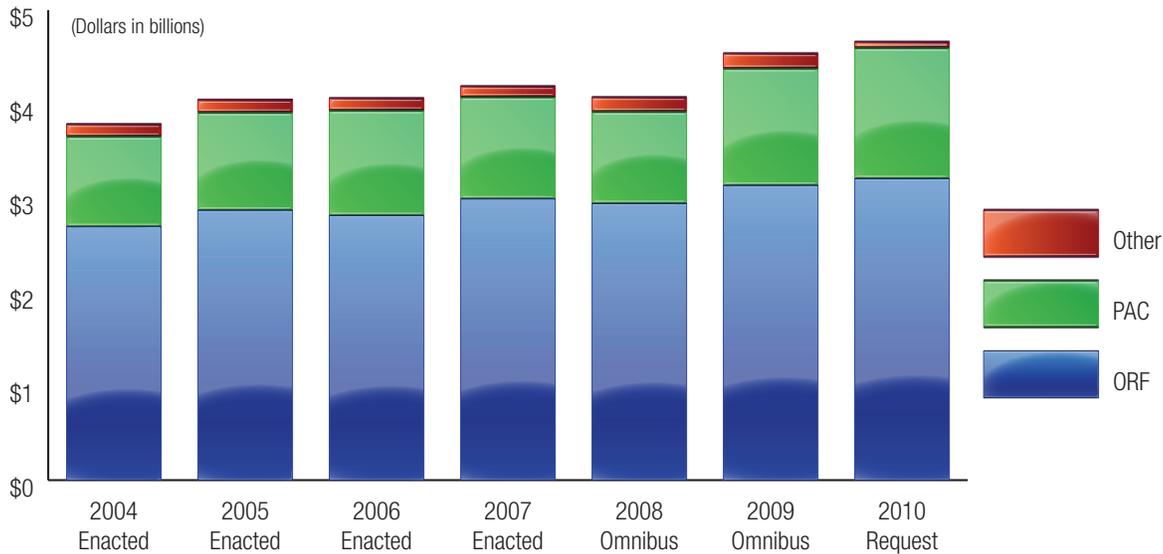
Credit: Jeremy Potter



INTRODUCTION

(DOLLARS IN THOUSANDS)	FY 2008 OMNIBUS	FY 2009 OMNIBUS	FY 2010 REQUEST	INCREASE (DECREASE)
ORF	\$2,941,042	\$3,134,044	\$3,206,137	\$72,093
PAC	979,207	1,245,647	1,393,279	147,632
Other Funds	155,243	161,915	64,760	(97,155)
Financing	(179,578)	(167,736)	(180,426)	(12,690)
Total Discretionary Budget Authority	\$3,895,914	\$4,373,870	\$4,483,750	\$109,880
FTE	11,930	12,100	12,321	221

Budget Trends FY 2004-2010



ORF: Operations, Research, and Facilities

PAC: Procurement, Acquisition, & Construction

Other: Other Accounts



INTRODUCTION

For Fiscal Year (FY) 2010, the National Oceanic and Atmospheric Administration (NOAA) requests a total of \$4,483,750,000 an increase of \$109,880,000 or 2.5% over the Omnibus Appropriations Act of 2009. This request reflects NOAA's continuing effort to better serve the American people through advancing mission-critical services. The NOAA staff of dedicated professionals, working with extramural researchers and our international partners are extending our knowledge of climate change; expanding meteorological prediction capabilities; improving coastal resource management; charting more of our seas and coasts; and enhancing environmental stewardship.

Total requested calculated Adjustments to Base (ATBs) are \$52,080,000. These adjustments focus on maintaining and investing in our workforce and supporting NOAA's most important resource – our people. NOAA leverages this most valuable asset by applying our people's knowledge, experience, ingenuity and dedication to the challenges of the 21st century. Funds are included for the estimated FY 2010 Federal pay raise of 2.0 percent and to annualize the FY 2009 pay raise of 3.9 percent. The increase provides for inflationary increases for non-labor activities, including service contracts, utilities, field office lease payments, and rent charges from the General Services Administration.

PROGRAM CHANGE HIGHLIGHTS BY LINE OFFICE

NATIONAL OCEAN SERVICE

The FY2010 request includes \$4.0 million to begin data collection for a new national datum which will improve elevation and height information, a foundation for improved commerce, economic efficiencies, and to better protect the public from coastal hazards and flooding. The request also provides \$2.7 million to develop a national system of forecasts for Harmful Algal Blooms and a national event response capability. An additional \$2.0 million is provided to establish a Coastal Community Task Force to enhance coastal community economies while protecting and conserving ecologically sensitive areas.



Harmful Algal Bloom



NATIONAL MARINE FISHERIES SERVICE

The FY 2010 request includes \$60.0 million to establish a national grants program in support of recovery of species listed under the Endangered Species Act (ESA). An additional \$16.5 million is provided to fulfill the conservation and fair harvesting-sharing provisions of the Pacific Salmon Treaty. The FY 2010 President’s Budget continues the commitment to end overfishing by 2011 with an additional \$57 million to support the Magnuson-Stevens Reauthorization Act, including implementation of Annual Catch Limits and additional funding for enforcement and observers.

OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH

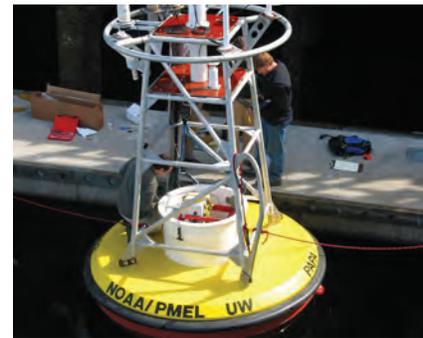
The FY 2010 request provides increases for oceanic and atmospheric research. This includes an additional \$4.0 million to implement long-term monitoring of ocean acidification. An increase of \$6.5 million is provided for climate research including the National Integrated Drought Information System, development of a Climate Model Portal, expansion of the U.S. Climate Reference Network to Alaska, and funding to develop decadal climate predictions.

NATIONAL WEATHER SERVICE

The request provides \$7.0 million for the installation of an additional NEXRAD Radar, which will improve the analysis and prediction of winter storms systems and precipitation estimates. An additional \$6.1 million is provided to improve aviation weather services and support the Next Generation Air Transportation System (NextGen). Funding will begin development of a Weather Information Database, a central repository of weather information, products, and services for aviation users and customers. Studies indicate that improved weather information could save \$6 billion of losses associated with air traffic delays. The request also includes an increase of \$5.3 million for the Advanced Weather Interactive Processing System (AWIPS). This technology improvement will reduce the time required to generate and disseminate warnings leading to potential savings in life and property.

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

Development of NOAA’s satellites systems is a top priority in the FY 2010 request, including an additional \$272 million for the GOES-R series satellites. The series will provide an uninterrupted, continuous flow of environmental and weather data and information. The request also includes an additional \$94.2 million to continue development of the NPOESS system. NPOESS will provide global environmental data such as sea surface temperature, atmospheric profiles temperature and moisture and atmospheric ozone concentrations for use in numerical weather prediction models. Funds will also include \$20 million for Jason-3 to initiate a satellite altimetry mission to provide continuity of precise measurement of sea surface height for ocean, climatology, and ocean weather applications.



Ocean Acidification Buoy (PAPA)



*National Polar-orbiting Operational Environmental Satellite System (NPOESS)
(Artist Representation)*



PROGRAM SUPPORT

The FY 2010 request continues NOAA's support for environmental literacy with an increase of \$4.0 million for a national competitive education grant program. This program will fund development of curriculums and environmental educators for formal and informal education. The FY 2010 request includes an increase of \$1.8 million for Corporate Services to support facilities and IT security compliance.



111th NOAA Corps Basic Officer Training Class

OFFICE OF MARINE AND AVIATION OPERATIONS

The NOAA Corps, in addition to operating NOAA's vessels and aircraft, support all NOAA Line Offices and missions. The FY 2010 request includes \$2.2 million to increase the end strength to full authorization of 321 officers. The FY 2010 request includes funding to continue NOAA's Ship Recapitalization Plan with a \$3.0 million increase for the design of a shallow-draft Fisheries Survey Vessel.