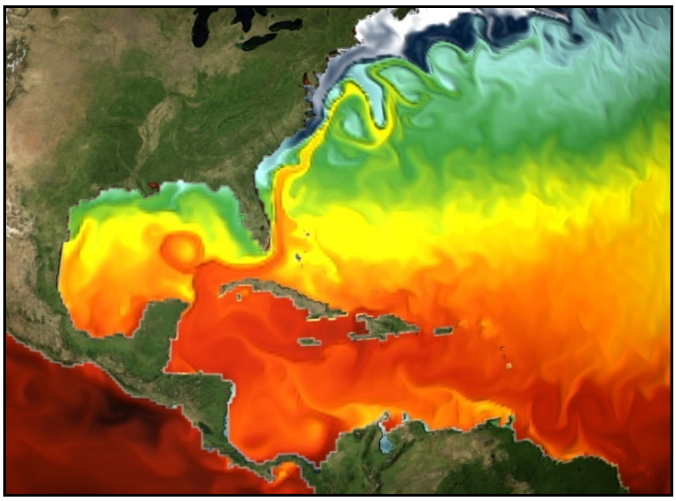
FY 2010 NOAA BUDGET HIGHLIGHTS

National Oceanic & Atmospheric Administration (NOAA)

Protecting Lives and Livelihoods – Critical to Our Nation's Security & Economy

- U.S. ocean economy valued at $115 billion per year
- Coastal and marine waters provide over 28 million jobs
- The average annual damage from tornadoes, floods, and hurricanes nationally is $11.4 billion.
- Fisheries provide at least $60 billion to U.S. GDP
- Weather related air traffic delays cost $4 billion per year

In the Fiscal Year (FY) 2010 President's Budget, the National Oceanic and Atmospheric Administration requests a total of $4,483,750,000, an increase of $109,880,000 or 2.5% above the Omnibus Appropriations Act, 2009. Program changes are relative to the FY2010 base which is the FY 2009 Omnibus level less terminated projects plus inflationary adjustments.



FY 2010 Program Change Highlights

Satellites: Development of NOAA's satellites systems is a top priority in the FY 2010 request, including an additional **$272.0 million** for the GOES-R series satellites. The series will provide an uninterrupted, continuous flow of environmental and weather data and information. **$20.0 million** is requested to fund the U.S. portion of aJason-3 Altimetry mission to ensure data continuity of surface height measurements. The request also includes **$94.2 million** to continue development of the NPOESS system to provide global environmental data such as sea surface temperature, atmospheric profiles temperature and moisture and atmospheric ozone concentrations for use in weather prediction models.

Coasts: NOAA's FY2010 request includes **$4.0 million** to begin data collection to 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.

Fisheries: The FY 2010 request includes **$60.0 million** to establish a national grants program to support recovery of species listed under the Endangered Species Act. **$16.5 million** is provided to fulfill new 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 **$56.5 million** to support the Magnuson-Stevens Reauthorization Act, including $18.6M to implement catch share programs. The request also includes **$2.2 million** to increase the number of NOAA Corps officers to the full authorization level of 321 officers and **$3.0 million** for design of a shallow-draft Fisheries Survey Vessel.

Climate: The FY2010 request includes **$7.0 million** for climate data records to transform raw satellite data into useful products for climate scientists and decision-makers. An increase of **$6.5 million** is requested for climate research including the National Integrated Drought Information System (NIDIS), development of a Climate Model Portal, expansion of the U.S. Climate Reference Network to Alaska, and funding to develop decadal climate predictions. The FY 2010 request includes **$4.0 million** to establish long-term monitoring of ocean acidification and **$1.5 million** to support research on the effects of ocean acidification on commercial and recreational living marine resources.

Weather: The request provides **$7.0 million** for the installation of an additional NEXRAD radar to improve the analysis and prediction of winter storms systems and precipitation estimates. An additional **$6.1 million** is provided to improve the Next Generation Air Transportation System (NextGen). Studies indicate that improved weather information could save $6 billion in losses associated with air traffic delays. The request also includes an increase of **$5.3 million** for technology improvements for Advanced Weather Interactive Processing System (AWIPS).

NOAA FY 2010 Budget ($ in Millions)

	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY10 Request vs. FY09 Enacted
NOAA	**$3,907.3**	**$4,373.9**	**$4,483.9**	**$109.9**

For more information, contact the NOAA Budget Office: (202) 482-4600 or AskNOAABudget@noaa.gov