



NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION FY 2011 BUDGET HIGHLIGHTS

The National Oceanic and Atmospheric Administration (NOAA) requests a total of \$5,554.4M in FY 2011, reflecting a net increase of \$806.1M over the FY 2010 Enacted. This budget request supports Department of Commerce's continuing effort to better serve the American people through advancing mission-critical science and services.

Coasts: NOAA must ensure that coastal development and other uses of our coasts occur with comprehensive planning and an understanding of the cumulative effects of our actions. The FY 2011 budget proposal includes \$20M to support regional ocean partnership grants and an additional \$10M to support the acquisition and protection of coastal lands. A further \$9.5M is provided for the development of marine sensors for detecting ocean changes, along with \$6.8M for coastal and marine spatial planning efforts.

Fisheries: NOAA is faced with the challenge of ending overfishing and improving fisheries management. The FY 2011 budget submission seeks to transform fisheries management while recognizing the importance of coastal jobs. NOAA proposes an additional \$36.6M to implement and expand catch share programs, \$20M extra to address listed and threatened species through the Species Recovery Grant Program and Community Based Restoration projects, and an increase of \$15M is requested for the Pacific Coastal Salmon Recovery Fund.

Climate & Research: NOAA will invest in the core climate science and services needed to enable the nation to effectively address the impacts of climate change. The FY 2011 budget request includes an increase of \$10M to produce climate assessments at national and regional scales. Also included is \$22.8M for resource observations and modeling capabilities, such as tracking carbon flux and measuring Arctic climate and additional \$6.1M for ocean acidification research and monitoring.

NOAA FY 2011 Budget Request (\$ Millions)

	FY 2009 Enacted	FY 2010 Enacted	FY 2011 Request	FY 2011 Request vs. FY 2010 Enacted
NOAA	\$4,373.9	\$4,748.4	\$5,554.5	\$806.1

Weather: Concern for public safety drives NOAA to continue to improve the timeliness and accuracy of warnings for all weather-related hazards through better observations, improved data assimilation, and collaboration with the research community. The FY 2011 budget request seeks an additional \$15.1M to improve weather information for air traffic decision support, and \$3.2M to enhance precipitation predictions by deployment of Dual Polarization for NEXRAD radar systems.

Satellites: One of the greatest challenges facing NOAA today is ensuring continuity of satellite operations to provide unbroken coverage of weather forecasts and climate measurements into the future. The FY 2011 budget requests an investment of \$49.4M in climate sensors, an additional \$30M for JASON-3 sea surface height measurements, \$62.5M to continue the development of the next series of geostationary satellites (GOES-R), and \$678.6M towards the restructuring and continued implementation of the next generation polar satellites (formerly known as NPOESS).

Mission Critical: The FY 2011 budget continues the recapitalization of NOAA's fleet which is essential for data collection to meet fisheries management mandates. The FY 2011 budget includes \$18M for construction and maintenance of fleet vessels, and \$8.7M to address NOAA-wide information technology.



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