



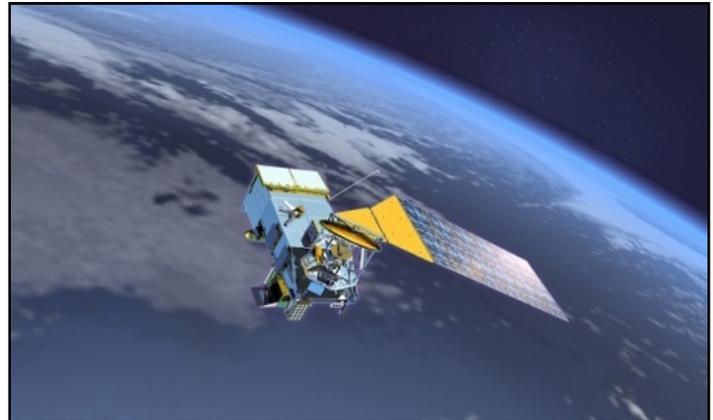
FY 2010 NOAA BUDGET HIGHLIGHTS



Satellites

(National Environmental Satellite, Data, and Information Service)

The National Environmental Satellite, Data, and Information Service (NESDIS) requests \$1,428.6M in FY 2010, reflecting a net increase of \$250.6M over the FY 2009 Omnibus. This budget request supports NOAA's satellite acquisition programs, procures imagery for critical navigational products, and supports data processing for advancing climate change. These activities support NOAA's missions to monitor the earth, manage resources, support the Nation's economy, and protect lives and property. 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

Geostationary Satellite System (GOES-R Series)

+\$272.0M: This increase provides continued satellite engineering development and production activities for the next generation geostationary satellite, GOES-R. Specifically, funding will be used for the continued development of the satellite instruments, spacecraft, ground systems, risk reduction activities, and to support the NOAA/NASA government program office for an initial launch date of April 2015.

Polar-orbiting Satellite System (NPOESS) +\$94.2M:

These funds are NOAA's contribution to the tri-agency NPOESS program and will continue sensor and spacecraft development. This request supports instrument development and risk mitigation for a January 2013 launch of the first NPOESS satellite and a January 2016 launch of the second satellite. With the first build and integration of the spacecraft taking place in FY2010/11, NOAA must anticipate and be ready to mitigate unknown issues with adequate risk reserves in order to maintain schedule and data continuity.

Climate Data Records +\$7.0M:

An increase is requested to transform raw satellite data into unified and coherent long-term environmental observations and products. This information is critical to climate scientists for advancing climate change understanding, prediction, mitigation and adaptation.

Ice Satellite Imagery for Navigation Safety +\$0.9M:

Requested funds will be used to procure Synthetic Aperture Radar (SAR) imagery scenes. SAR data serves as the bases for critical operational ice products for the identification of safe navigation routes through ice covered water.

Jason-3 Altimetry Mission – Sea Surface Height

+\$20.0M: An increase is requested to fund NOAA's portion of the Jason-3 altimetry mission. Jason-3 is a cooperative effort with the EUMETSAT, and is expected to launch in 2013. Meeting this launch date is critical to ensure 6-months overlap with Jason-2 for calibration and validation, and for data continuity. This mission provides the continuation of sea surface height measurements for ocean climatology and ocean weather applications, such as global sea-level rise, and surface wave forecasting.

NPOESS Data Exploitation (NDE) +\$2.0M:

An increase is requested to prepare ground systems for the NPOESS preparatory project (NPP) satellite launch in FY 2011. The ground system upgrades are necessary for processing and distributing the large volume of NPP observations. Specifically, funds will allow for the procurement of equipment and the development of new science products from the NPP satellite starting in mid-2011 for all users.

NESDIS FY 2010 Budget (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY2010 Request vs. FY 2009 Omnibus
ORF	\$179.2	\$187.4	\$171.7	(\$15.7)
PAC	\$775.9	\$990.6	\$1,256.9	\$266.3
TOTAL	\$955.1	\$1,178.0	\$1,428.6	\$250.6

For more information, contact the NOAA Budget Office:
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