



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

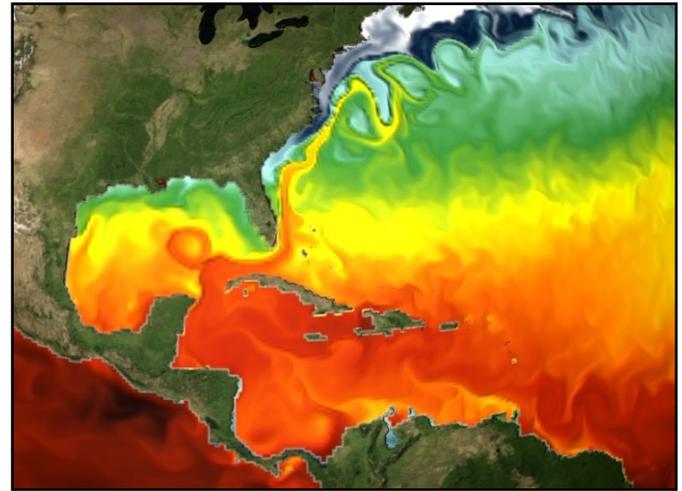
In the Fiscal Year (FY) 2010 President’s Budget, the National Oceanic and Atmospheric Administration requests a total of \$4,483,750,000, an increase of \$109,880,000 or 2.5% above the Omnibus Appropriations Act, 2009. Program changes are relative to the FY2010 base which is the FY 2009 Omnibus level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

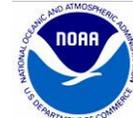
Weather: The request provides **\$7.0 million** for the installation of an additional NEXRAD radar to improve the analysis and prediction of winter storms systems and precipitation estimates. An additional **\$6.1 million** is provided to improve the Next Generation Air Transportation System (NextGen). 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



FY 2010 NOAA BUDGET HIGHLIGHTS



Coasts

(National Ocean Service)

The National Ocean Service (NOS) requests \$502.7M in FY 2010, reflecting a net decrease of \$56.1M from the FY 2009 Omnibus. The decrease is primarily the result of the termination of a number of FY 2009 projects. This budget request supports NOAA's efforts to conduct hydrographic surveys of navigationally significant waterways, provide national leadership for implementing the Coastal Zone Management Act (CZMA), increase the effectiveness of NOAA's response to hazardous materials, and improve our nation's coastal ecosystems through science, management, and restoration. 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

CZMA and Stewardship +\$3.1M: An increase of \$2.0M is requested to support a Coastal Communities Task Force to revise the future of the nation's coasts. This group of representatives of key public, private, non-governmental, and university communities will address how to balance enhancement of coastal community economies while protecting and conserving ecologically sensitive areas. In addition, the CZMA National Program requests an increase of \$1.1M to ensure national leadership for the continued implementation of the CZMA. With these funds NOAA will work with its partners to implement cooperative agreements with 34 coastal states, and provide operation and construction grants for the 27 National Estuarine Research Reserves.

National Vertical Datum +\$4.0M: Industry, decision-makers, and the public are demanding more accurate maps and charts to benefit the economy, predict coastal hazards, and better manage coastal habitats. This request will allow NOAA to collect gravity data to improve elevation and height information through the use of a new national vertical datum, updating the accuracy of the gravity-based geoid model from 40 cm of accuracy to 2 cm of accuracy across the nation.

Harmful Algal Blooms (HABs) +\$2.7M: These funds will build upon NOAA's HAB capabilities by developing additional operational forecasts of harmful algal blooms, as well as create a national system of forecasts and a national HAB event response capability. NOAA will expand the operational forecasts from the west coast of Florida to the Western Gulf of Mexico in FY 2010.

Ocean Research Priorities Plan Implementation +\$6.0M: This increase will support the development of decision-support tools to help policy makers and managers anticipate and prepare for the response to extreme weather events, and natural disasters, and support development of genomic tools and technologies



to develop new marine biosensors to enhance ecosystem-based management.

Response and Restoration Base +\$1.4M: NOS will develop tools and techniques to support response and natural resource damage assessment such as 3-D models to predict contaminant movement in the environment.

Energy Licensing +\$1.9M: This increase is requested to meet statutory, regulatory, and mission requirements relating to traditional, new, and alternative ocean and coastal energy development responsibilities. This will help ensure project development moves forward while protecting trust resources.

Gulf of Mexico Alliance (GOMA) +\$1.0M: GOMA is a partnership among state and federal agencies to enhance the environmental and economic health of the Gulf of Mexico. This increase supports the priority areas: create hazard resilient coastal communities; ensure healthy beaches and shellfish beds; support habitat conservation and restoration; increase environmental education; promote ecosystem integration and assessment; and reduce nutrient inputs to coastal ecosystems.

Address Survey Backlog +\$1.2M: The requested increase supports NOAA's ability to conduct hydrographic surveys in support of safe and efficient navigation. These funds will augment NOAA's current resources focused on surveying the most navigationally significant waterways.

NOS FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY10 Request vs. FY09 Omnibus
ORF	\$467.9	\$497.0	\$462.7	(\$34.3)
PAC	\$56.6	\$46.2	\$24.4	(\$21.8)
Other	\$11.6	\$15.6	\$15.6	\$0
TOTAL	\$536.1	\$558.8	\$502.7	(\$56.1)

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



FY 2010 NOAA BUDGET HIGHLIGHTS



Fisheries (National Marine Fisheries Service)

The National Marine Fisheries Service (NMFS) requests \$911.8M in FY 2010, reflecting a net increase of \$32.8M from the FY 2009 Omnibus. This budget request supports NOAA's efforts to conserve, protect, and manage living marine resources in a way that ensures their continuation as functioning components of marine ecosystems, affords economic opportunities, and enhances the quality of life for the American public. 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

Magnuson-Stevens Fishery Conservation and Management Reauthorized Act (MSRA) +\$56.5M: A total of \$98.3M is requested to support the new requirements of MSRA including provisions to end overfishing and rebuild stocks, gather necessary science to set optimum catch levels, promote catch share management approaches, improve recreational data collection, expand cooperative research programs, and strengthen enforcement of international fisheries.

Specifically, NMFS requests \$16.0M to provide resources to the six NMFS regions and regional councils to establish and monitor annual catch limits (ACLs) and accountability measures (AMs) to prevent and end overfishing as required by MSRA and which must be implemented in all fisheries by 2011. With a requested \$9.9M, NMFS will update scientific stock assessments in support of setting ACLs. NMFS will expand resource surveys over a larger geographic areas and habitats to monitor abundance of more fish stocks and refine mathematical and statistical models. Finally, NMFS requests \$7.6M to enhance enforcement capacity nationwide to gain and maintain compliance with additional management measures supporting MSRA.

Species Recovery Grants +\$60.0M: NMFS requests \$60.0M to conduct cooperative conservation and recovery implementation for ESA listed species with States, tribes, and other entities. NMFS currently has jurisdiction over 68 threatened or endangered species and 14 candidates for listing under the ESA.

Pacific Salmon Treaty +\$16.5M: These funds will support the U.S. commitments to conserve the shared Chinook salmon stocks between the U.S. and Canada. Funds will support salmon data collection, augmentation of Puget Sound stocks, and mitigation for catch reduction of the Alaska Fishery.

Environmental Consultations +\$5.6M: This increase will improve NMFS' capacity to deliver scientifically sound and legally defensible Endangered Species Act consultations and enhance conservation of listed species by other federal action agencies. With this

Marine Mammals +\$5.3M: With these funds NMFS will conduct conservation and recovery actions for Hawaiian Monk Seals, Cook Inlet Beluga Whales, ice seals, and convene a new Take Reduction Team to reduce harmful interactions between marine mammals and commercial fisheries activities.

Aquaculture \$2.0M: This funding will bolster existing NOAA research at NMFS labs in Washington and Massachusetts on commercial marine aquaculture and marine stock enhancement to support an increase of domestic marine aquaculture which will improve food security and create new domestic jobs while ensuring minimal environmental impact.

Climate Regimes and Ecosystem Productivity \$2.7M: This increase will support 20 additional research days at sea to adequately cover the expanded commercial fishing area in the Bering Sea and support research on the effects of ocean acidification on commercial and recreational marine fish stocks and other living marine resources.

NMFS FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY10 Request vs. FY09 Omnibus
ORF	\$708.3	\$754.0	\$890.6	\$136.6
PAC	\$2.0	\$4.6	\$0.0	(\$4.6)
Other	\$118.7	\$120.4	\$21.1	(\$99.3)
TOTAL	\$829.1	\$879.0	\$911.8	\$32.8

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



FY 2010 NOAA BUDGET HIGHLIGHTS



Magnuson-Stevens Fishery Conservation and Management Act – Reauthorized (MSRA)

The National Marine Fisheries Service (NMFS) requests \$56.5M in new increases for a total of \$98.3M to supports the requirements of the reauthorized Magnuson-Stevens Fishery Conservation and Management Act (MSRA) including provisions to end overfishing and rebuild stocks, promote market-based management approaches, improve recreational data collection, expand cooperative research programs, and strengthen enforcement of international fisheries. Within the increases below, \$18.6M is provided for implementing catch share management programs. 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

Annual Catch Limits (ACLs) +\$12.0M: To meet the requirements of MSRA, NMFS must establish ACLs for all 532 stocks and stock complexes it manages under 46 fishery management plans. Accountability Measures (AMs) are required to correct for instances where the ACL is exceeded. This increase will provide resources to the six NMFS regions and the Highly Migratory Species Division to establish and monitor ACLs and AMs to prevent and end overfishing in all fisheries by 2011 as required by MSRA.

Regional Councils +\$4.0M: An increase is requested to provide the eight Regional Fisheries Management Councils with the additional resources necessary to set, evaluate, and revise ACLs and associated regulatory measures to end overfishing as required under MSRA.

Expand Annual Stock Assessments +\$9.9M: This funding will allow NMFS to update stock assessments to support implementation of annual catch limits. NMFS will expand resource surveys over a larger geographic areas and habitats to monitor abundance of more fish stocks and refine mathematical and statistical models.

Enforcement +\$7.6M: Enforcement is key to ensuring compliance with and effectiveness of new management measures (ACLs and AMs) implemented under MSRA. The requested funding will be used to distribute enforcement officers to the field, enhance cooperative enforcement program with States, monitor sector management in New England, and expand the vessel monitoring program.

Observers/Training +\$5.0M: Funds are requested to fill the gap in observer coverage in an increasing number of fisheries requiring improvements in bycatch data. Fisheries observers provide critical catch and bycatch data needed to accurately set ACLs and AMs. Funds requested will increase the number of fisheries observed at adequate or near- adequate levels from 23 in FY08 to 26 in FY10.



Cooperative Research +\$6.0M: Cooperative research provides a means for commercial and recreational fishermen to become involved in the collection of fundamental fisheries information and assists fisheries scientists with their work. NMFS will provide funds on a competitive basis to address needs identified by the Regional Council in consultation with the Secretary.

Recreational and Commercial Fisheries Information +\$4.8M: Expansion of recreational and commercial fisheries monitoring is necessary to assess which stocks are undergoing overfishing in order to set ACL levels. The funds will expand the state-federal registry of recreational anglers and enhance commercial fisheries biological sampling and electronic reporting programs.

Deep Sea Corals \$1.0M: This funding will allow NOAA to identify, understand, and provide information needed to protect deep sea coral habitats which support commercial fisheries, implementing priority mandates of the *Deep Sea Coral and Technology Program*.

International Provisions +\$3.0M: This request supports NMFS' international leadership in managing highly migratory stocks in the Pacific Ocean. It also funds identification of illegal, unregulated, and unreported fishing nations and international consultation activities to reduce these activities.

Economics and Social Science Research +\$3.3M: This request will enable NOAA to address significant economic and social data gaps and to develop decision support tools to conduct MSRA-mandated cost-benefit analyses of regulatory options such as Annual Catch Limits (ACLs). This investment ensures that conservation standards are achieved at the lowest cost to society.

MSRA FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY10 Request vs. FY09 Omnibus
MSRA	\$13.5	\$41.8	\$56.5	\$98.3

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



Research & Climate

(Office of Oceanic and Atmospheric Research)

The Office of Oceanic & Atmospheric Research (OAR) requests \$404.6M in FY 2010, reflecting a net decrease of \$3.7M from the FY 2009 Omnibus. The decrease is primarily the result of the termination of a number of FY 2009 projects. This budget request supports NOAA's environmental research and development needs with expanded climate products and services, weather and air quality research, enhanced computing and modeling, and the development of management tools necessary for managing our changing ecosystems. 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

National Climate Model Portal +\$2.5M: Decision makers are increasingly seeking information that will help their communities plan and respond to climate variability and change. With this request, NOAA will generate and store model data records and create an archive for future high-resolution weather and climate datasets.

U.S. Climate Reference Network (USCRN) +\$1.3M: High quality observations are necessary to improve our understanding of climate variability and climate change. With this request, NOAA will begin the deployment of USCRN benchmark observing stations at 29 locations in Alaska to better document, monitor, and assess climate variability and change. Full deployment in Alaska will complete the national Network.

National Integrated Drought Information System (NIDIS) +\$4.6M: In the past year the Southeastern United States has experienced the most severe drought in over a century. With this request, NOAA will implement three drought early warning system development projects in California, Colorado, and the Southeastern US, as well as develop and implement the next generation Climate Forecast System, which will lead to improved NOAA climate forecast products.

Decadal Climate Predictions +\$2.6M: With this request, NOAA will develop the capability to make ongoing decadal climate predictions including sea-level projections, Arctic forecasts, and early warnings of climate 'surprises' resulting from natural climate variations on decadal timescales.

Ocean Acidification Monitoring +\$4.0M: NOAA has made it a high priority to understand climate-ecosystem interactions, particularly ocean acidification impacts on biological productivity and distribution. With this request, NOAA will equip 13 open-ocean and 7 coastal moorings with additional sensors to monitor the changes in the pH of the global ocean resulting from the uptake of



anthropogenic emissions, such as CO₂. NOAA will establish an ocean-acidification monitoring and research team and develop an ocean-acidification data management system in 2010.

Weather Research & Forecasting (WRF) Developmental Testbed Center (DTC) + \$2.0M: With this request, NOAA will continue to build the Weather Research and Forecasting (WRF) Developmental Testbed Center (DTC) as the new vehicle for leveraging the modeling capabilities for Federal, academic, and private numerical modelers. Funds will also be used to conduct real-time, high-resolution hurricane intensity forecast experiments throughout 2010.

Severe Weather Forecast Improvements +\$2.6M: With this request, NOAA will perform research and development activities to enable forecast offices to issue tornado warnings with a 30 minute lead time or greater in order to save lives and mitigate property damage during severe weather events. NOAA will also improve forecasts of hail, straight-line winds, heavy rain, & flash floods

Multi-Function Phased Array Radar (MPAR) +\$1.0M: With this request, NOAA will continue to research MPAR technology in order to replace existing aging operational weather and aircraft tracking radars in a cost effective manner.

OAR FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY10 Request vs. FY09 Omnibus
ORF	\$387.9	\$396.7	\$394.2	(\$2.5)
PAC	\$10.1	\$11.6	\$10.4	(\$1.2)
TOTAL	\$398.1	\$408.3	\$404.6	(\$3.7)

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



FY 2010 NOAA BUDGET HIGHLIGHTS



Weather (National Weather Service)

The National Weather Service (NWS) requests \$963.9M in FY 2010, reflecting a net increase of \$5.0M over the FY 2009 Omnibus. This budget request supports NOAA's efforts to employ cutting-edge technology and to provide weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. 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

Next Generation Weather Radar Gap Coverage +\$7.0: This requested increase will address the highest-priority gap in NEXRAD radar coverage over the ocean in Western Washington State. Existing radars in the region were sited to provide maximum coverage to the most densely populated areas and are partially blocked by the terrain features of the Olympic Mountains and the Coastal Range Mountains, and thus do not provide sufficient radar coverage for viewing approaching Pacific storms along the coast. Providing radar coverage over the ocean will improve the analysis and prediction of large and strong winter storm systems that frequently impact the northwest region.

Space Weather Forecast Improvement +\$2.7M: This requested increase will enable NWS to transition NASA, DoD, and NSF prediction models into space weather operations. improve timeliness and accuracy in current services. NWS will develop the critical prediction and warning tools necessary to safeguard commercial, military space, and aviation activities during the upcoming solar maximum in 2012.

Next Generation Air Transportation System (NextGen) +\$6.1M: This requested increase will lay the foundation and accelerate the development of the weather information database (WIDB) which will integrate observed and forecast weather information into an automated, timely, multi-agency coordinated, air traffic management system.

Hurricane Forecast System Improvements +\$13.0M: This requested increase will significantly accelerate the improvements in hurricane track and intensity forecasts. This increase is needed to carry forward and complete the comprehensive scientific research and engineering development program leading to 20% improvement in track and intensity forecasts. \$3.0M of this increase supports weather and climate supercomputing to accelerate planned improvements in hurricane tracking and intensity forecasts.



Advanced Weather Interactive Processing System (AWIPS) +\$5.3M: This requested increase will provide weather and flood warning service delivery to DHS, FAA, emergency managers, the American public and industry through technology upgrades. This program will update infrastructure and data delivery capabilities to allow for the development of a virtual repository of observed and forecasted weather information by FAA Air Traffic Management decision makers. This updated infrastructure is a key component of NWS delivery to the FAA's NextGen development program.

Weather Radio Improvement Project (WRIP) +\$1.3M: This requested increase will allow WRIP to retro-fit the NOAA Weather Radio Console Replacement System (CRS) communication device, which converts text warnings and forecasts to speech for broadcasting.

NOAA Profiler Network +\$2.2M: In 2010, the NPN will have been installed for over 20 years without any technology refresh during its lifecycle. This request will continue the planned tech refresh and operating frequency conversion of the 20-year old NOAA Profiler Network. This will provide high-frequency wind data to improve severe weather warnings and watches (for tornadoes, flash floods, and winter storms).

NWS FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY 10 Request vs. FY09 Omnibus
ORF	\$805.3	\$847.9	\$867.2	\$19.3
PAC	\$106.1	\$111.0	\$96.7	(\$14.3)
TOTAL	\$911.4	\$958.9	\$963.9	\$5.0

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



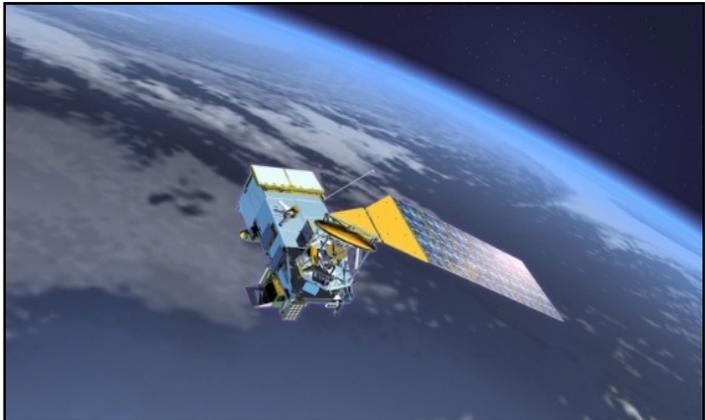
FY 2010 NOAA BUDGET HIGHLIGHTS



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:
(202) 482-4600 or AskNOAABudget@noaa.gov



FY 2010 NOAA BUDGET HIGHLIGHTS



Program Support

NOAA's Office of Program Support (PS) requests \$452.7M in FY 2010, reflecting a net decrease of \$106.0M from the FY 2009 Omnibus. This decrease in funds is primarily the result of the early completion of construction projects using supplemental amounts provided for in the American Recovery and Reinvestment Act of 2009. The FY 2010 request supports the program requirements necessary to address established NOAA strategic goals and sets Program Support on a path to achieve its vision: to support the people (and, in turn, the programs) of NOAA, ensuring they have the proper work environment, the necessary tools and equipment, and the vital personnel, legal and financial services. 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

National Competitive Educational Grant Program +\$4.0M: With this request, NOAA will support a competitive national environmental literacy program to promote excellence in informal and formal education related to ocean, coastal, Great Lakes, weather, and climate sciences. This request will allow for an additional 8 to 12 competitive awards to be issued per year. The grants program directly addresses the educational mandate established in the America COMPETES Act.

Facilities Management, Construction, and Safety +\$8.8M: With this request, NOAA will address critical facility deficiencies and repairs, including projects to replace failing electric, plumbing, HVAC and building systems which have outlived their service lives. Funds will also be used to comply with legal requirements associated with execution of real property leases.

NOAA Commissioned Corps +\$2.2M: With this request, NOAA will support an end-strength of 321 NOAA Corps officers, including salaries, benefits, healthcare, pre-commissioning, permanent change of station (PCS), recruiting, and a third Basic Officer Training Course (BOTC) for the additional officers. An expanded NOAA Corps will lower officer attrition rates by avoiding particularly long and arduous at-sea assignments.



Grants and Acquisition Support +\$4.3M: This investment will enhance NOAA's ability to provide dedicated personnel assets to increase the capacity of the acquisition and grants workforce sufficient to ensure successful obligation of the increasing volume of contractual and financial assistance actions.

Fisheries Survey Vessel +\$3.0M: With this request NOAA will design a new shallow-draft vessel, Fisheries Survey Vessel (FSV) 5. A shallow-draft FSV is necessary for operations in near-shore coastal waters as shallow as 30 feet.

Facilities and Security Access +\$1.8M: With this request, NOAA will support compliance with Homeland Security Presidential Directive-12 (HSPD-12), Personal Identity Verification-II (PIV-II) physical and logical access requirements. HSPD-12, PIV-II requires Agencies to comply with Federal Information Processing Standards (FIPS) 201 standards for secure and reliable identity credentials supporting both physical and logical (systems) access.

PS FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY09 Enacted vs. FY10 Omnibus
ORF	\$392.4	\$451.0	\$419.7	(\$31.3)
PAC	\$28.4	\$81.8	\$5.0	(\$76.8)
OTHER	\$24.9	\$25.9	\$28.0	\$2.1
TOTAL	\$445.7	\$558.7	\$452.7	(\$106.0)

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