

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 the National Oceanic and Atmospheric Administration (NOAA) for Fiscal Year 2007. As in the past, this summary is designed to provide information in a concise and user-friendly format. We provide these descriptions and data on NOAA's budget and programs for the information of Members of Congress and their staffs, the media, and NOAA's constituents and customers. This summary describes how NOAA supports and enhances the goals of the Commerce Department and the President.

As the stresses upon our natural resources grow to monumental proportions, as we have seen over the past year, NOAA continues its pursuit to protect lives and livelihoods for all Americans and the Nation. Americans look to NOAA for an incredible variety of services and support ranging from the local weather forecast; to a sustainable supply of quality seafood; to the safe transport of millions of tons of waterborne cargo; to keep the ocean coastline safe and vibrant; and to maintain detailed research on the climate from the frozen arctic to the depths of the oceans. Through our website at www.noaa.gov, NOAA provides a wealth of knowledge to schools and young people across our Nation, as well as to industry and scientific enterprises.

The past year has seen natural disaster on an unprecedented scale. A tsunami destroyed communities and took thousands of lives in south Asia. A spate of hurricanes – Katrina, Rita, and Wilma, to name a few – did much the same on America's Gulf Coast. This year has also brought wider national recognition of the state of our oceans and continued attention to the phenomenon of global climate change. The challenges facing the nation are evolving, but so too are the technologies that can help us meet those challenges, create solutions, and produce results.

NOAA is a critical part of our Nation's economy - its products and services impact the daily lives of every one of our citizens, and have economic consequences which significantly affect our Nation's Gross Domestic Product (GDP). In fact, NOAA touches 30% of the Nation's GDP directly - about \$3 trillion of the American economy. With integrated and sustained observations of the Earth's physical and biological systems, and the web of science and management which form the foundation of NOAA exploration and observation missions, we have the opportunity to better understand the complex interactions taking place on our planet.

The major issues we face today are complex and affect everyone in the world. In order to resolve future problems, we continue to build a NOAA that leverages partnerships and is responsive to constituent concerns. The U.S. Commission on Ocean Policy has made it clear that new approaches are needed to manage the oceans. The future of oceans management will require a sustained effort to improving processes government-wide and implementing a cross-cutting, ecosystems-based approach to management that is focused on making the oceans, coasts, and Great Lakes cleaner, healthier and more productive and ensuring that these valuable resources are available for current and future generations to enjoy.

Under the leadership of Commerce Secretary Carlos Gutierrez, NOAA remains committed to improving the level of service provided to the American people. Finally and most importantly, we appreciate the support NOAA continues to receive from the members of Congress and our constituents.

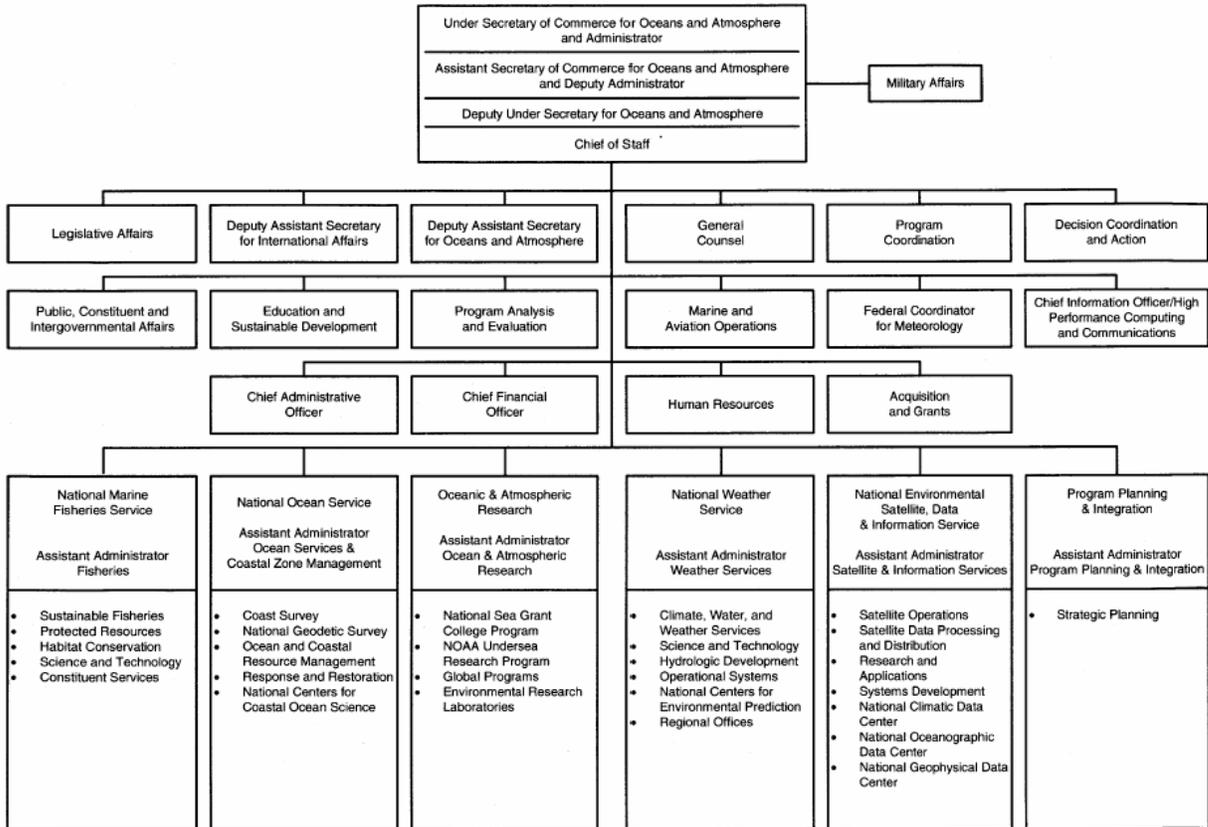
A handwritten signature in black ink that reads "Conrad C. Lautenbacher, Jr." The signature is written in a cursive, flowing style.

Conrad C. Lautenbacher, Jr.
Vice Admiral, U.S. Navy (Ret.)
Under Secretary of Commerce for
Oceans and Atmosphere

Organization Chart

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Exhibit 1 to
DOO 25-5



A NOTE ON TERMINOLOGY:

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

"FY 2006 Enacted" is:
Fiscal Year (FY) 2006 Appropriation,
less rescissions,
plus Supplemental funds.

"FY 2007 Base" is:
FY 2006 Enacted, less Terminations,
plus Adjustments to Base.

"Total Request" is:
FY 2007 Base, plus Program Changes.

[Page intentionally left blank]

TABLE OF CONTENTS

Introduction	iii
Strategic Outlook and FY 2005 Accomplishments by Goal	Chapter 1
FY 2005 Performance Measure Results	Chapter 2
Line Office Summary Budget Table	Chapter 3
NOAA Operations, Research and Facilities by Line Office	Chapter 4
National Ocean Service.....	4-2
National Marine Fisheries Service.....	4-20
Office of Oceanic and Atmospheric Research.....	4-34
National Weather Service.....	4-48
National Environmental Satellite, Data and Information Service....	4-58
Program Support.....	4-64
NOAA Procurement, Acquisition and Construction	Chapter 5
Systems Acquisition.....	5-4
Construction.....	5-15
Fleet	5-19
Other Accounts	Chapter 6
Other Discretionary	6-2
Other Mandatory	6-6
Special Exhibits	Chapter 7
Summary by Appropriation.....	7-2
Adjustments to Current Programs	7-4
FY 2006 Terminations	7-5
Marine & Aviation Operations – Planned Operating Days	7-11
NOAA Estimated Federal Funds for R&D	7-12
NOAA Control Table	

[Page intentionally left blank]

Introduction

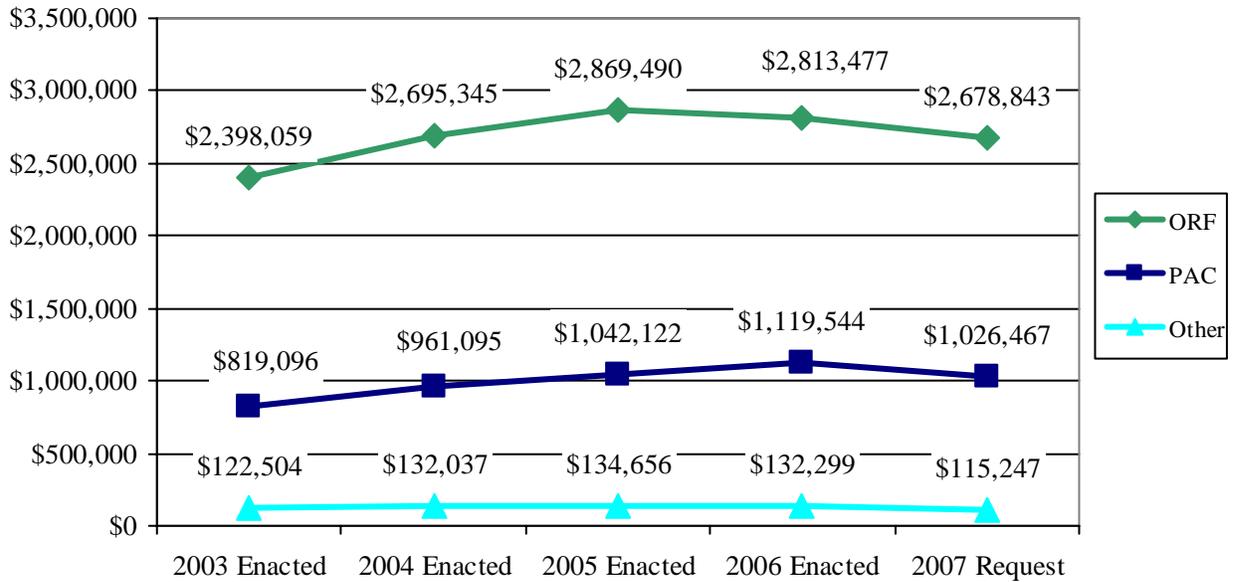


Introduction

(Dollars in Thousands)	FY2006 Enacted	FY2007 Base	Program Changes	Total Request
National Oceanic & Atmospheric Administration				
Operations, Research and Facilities	\$2,813,477	\$2,445,942	\$232,901	\$2,678,843
Procurement, Acquisition and Construction	1,119,544	914,013	112,454	1,026,467
Other Funds	132,299	115,247	0	115,247
Financing	(153,829)	(136,851)		(136,410)
Total NOAA	\$3,911,491	\$3,338,351	\$345,355	\$3,684,147
FTE	11,956	11,963	66	\$12,029

Budget Trends, FY 2003 - 2007

(Dollars in Thousands)



ORF: Operations, Research & Facilities
 PAC: Procurement, Acquisition & Construction
 Other: Other accounts



Introduction



In the Fiscal Year (FY) 2007 President's Budget, the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) requests a total of \$3,684,147,000 a decrease of \$227,345,000 or 5.8% below the FY 2006 Enacted Budget. The request is, however, an increase of \$345,355,000 or 10.3% above NOAA's FY 2007 Base. This FY 2007 request reflects our 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 climatic change, expanding meteorological prediction capabilities, improving coastal resource management, charting more of our seas and coasts, and enhancing environmental stewardship.

Total requested Adjustments to Base (ATBs) are \$29,649,000, which are included in the FY 2007 Base level of \$3,684,147,000. These adjustments focus on maintaining and investing in our workforce and supporting NOAA's most important resource – our people. With this increase, the FY 2007 base level will fund the estimated FY 2007 Federal pay raise of 2.2 percent and annualize the FY 2006 pay raise of 3.1 percent. The base level will provide inflationary increases for non-labor activities, including service contracts, utilities, field office lease payments, and rent charges from the General Services Administration.

Priority Program Change Highlights

The requested total NOAA program changes focus on key themes running through this budget, including integration (at both the organizational and systems levels), partnerships, and early identification of the essential support requirements implicit in NOAA's long-range plans. Scientific research, advanced technology development and operations remain the cornerstones of everything we do.

This budget submission requests the necessary level of resources to carry out NOAA's missions in ways that benefit (1) public safety, (2) the economy, and (3) the environment of the Nation. NOAA is requesting investments in high priority endeavors – specifically, for delivering effective climate and oceanographic products and services, and to enable resource managers to appropriately allocate resources. A summary of the highest priority

items in this Budget Summary follow.

People and Infrastructure

NOAA's core values are people, integrity, excellence, teamwork, ingenuity, science, service and stewardship. Our ability to serve the Nation is determined by the quality of our people and the tools they employ. This year, we focus on the operations and maintenance of NOAA vessels and critical enhancements to marine safety, facility repair and modernization. Approximately \$29.6 million in net increases will support our workforce inflationary factors such as the pay raise. Increased funding of \$6.5 million will support Marine operations for the operating tempo for NOAA ships. Funds of



NOAA Vessel



NPOESS Orbiter

\$13.8 million will be used to modernize our fleets. Critical marine safety enhancements will also be increased by \$1.8 million. NOAA's satellite systems are also an important component of our infrastructure. Increased funding of \$113.4 million for the next generation of geostationary satellites, GOES-R, will contribute to



GOES-R

improved understanding of climate variability and change. An increase of \$20.3 million in NPOESS continues our investment in the tri-agency program. NPOESS will provide real-time global and regional imagery, along with meteorological, climactic, terrestrial, oceanic and geophysical data. NPOESS data will also provide military leaders with improved situational awareness through improved coverage and distribution of atmospheric and space environmental conditions. Lastly, funds of \$12.0 million will be used to make improvements to the U.S. Tsunami Warning Network will be used to make improvements to the U.S. Tsunami Warning Network. Strengthening the Tsunami Warning Program provides effective, community-based tsunami hazard mitigation actions including required inundation flood mapping, modeling and forecasting efforts (MMFE) and evacuation mapping, and community-based public education/awareness/preparedness for all U.S. communities at risk.

Ecosystems Management



particularly in the Southeast region, and restore vital habitats. With an additional \$7.0 million in increases, we will expand economics and social science research to improve economic performance of the Nation's fisheries.

Climate Services

Society exists in a highly variable climate system. Conditions change over the span of seasons, years, decades, and longer, intersecting with complex interdisciplinary issues ranging from ecosystem and resource management to agriculture, energy production, and responses to extreme weather and climate events. We are building a suite of information, products and services, to enable society to respond to changing climate conditions. We will continue to expand and improve access to global oceanic and atmospheric data sets for improved climate prediction and development of climate change indicators. Further, we will investigate how society can best cope with sustained drought conditions resulting from changes in climate. NOAA is committed to expanding climate services for the external and internal user communities. Specific activities focus on supporting drought impact research for the National Integrated Drought Information System (NIDIS) and Regional Decision Support Partnerships with increases of \$4.0 million; developing new climate re-analysis data sets to improve operational climate prediction with increases of \$2.0 million; and sustain data archive, access, and assessment activities with increases of \$6.7 million. Many of these activities will contribute to the Climate Change Science Program Synthesis and Assessment reports.

Weather and Water Information

Weather has a direct impact upon public safety and nearly one third of the Nation's economy. Our role in observing, modeling, forecasting, and warning of environmental events is expanding. We will strengthen our ability to warn against tsunamis, hurricanes, tornadoes and other weather events by collecting more data with buoy systems, new aircraft instrumentation, and the NOAA Profiler Network. The National Weather Service Telecommunications Gateway ensures that NOAA obtains and distributes valuable hydrometeorological information. Severe weather events cause \$11 billion in damages

yearly in the United States. The health and safety of the public is directly affected by the weather and nearly one-third of the U.S. economy is sensitive to weather and climate. Realizing this, NOAA seeks to provide decision makers with key observations, analyses, predictions, and warnings for a variety of weather and water conditions to help protect the health, life and property of the U.S. and its economy. Some of the particular program increases within this goal are frequency conversion for the NOAA Profiler Network with \$3.5 million; the National Weather Service Telecommunications Gateway with \$2.5 million; and operate and maintain hurricane data buoys in the Caribbean, Gulf of Mexico, and the Atlantic Ocean with \$1.4 million.



Buoy Mounted Wind Profiler

Commerce and Transportation

NOAA's information services are essential to the safe and efficient transport of people and goods at sea, in the air, and on land. Tide and current observations, mapping and charting products, aviation, surface and marine weather forecasts, accurate positioning capabilities; these are among the critical services NOAA provides to keep the Nation's economy moving. NOAA seeks to protect lives, economic investment and environmental integrity by improving its mapping and charting capabilities, strengthening our national water level observation network, and enabling observation stations to better withstand the damaging power of hurricanes and other severe weather events. We will also bring the number of Navigation Response Teams (NRTs) to eight, completing full regional coverage and allowing a 24-hour response time to all ports in the contiguous U.S. Funding will also support the continued expansion of the Physical Oceanographic Real-Time System (PORTS®) network with



NRT in Port Allen Lock

\$715,000 in increases, and with increases of \$1.2 million, NOAA's multi-year effort to improve aviation weather forecasts by increasing the number of water vapor sensors delivering data to the Integrated Upper Air Observing system will be supported.

Facilities Construction

To effectively support NOAA's mission and operations, and to provide a safe working environment for NOAA's employees, NOAA is placing increased emphasis on its Facilities Management and Modernization program. Of particular importance this year is NOAA's Center for Weather & Climate Prediction with \$11.0 million in increases.

The program changes highlighted above will be addressed in greater detail in the remaining parts of the FY 2007 NOAA Budget Summary. We hope to build on our prior successes by addressing future challenges through implementing the management, operational, and technical enhancements proposed in this Summary.

[Page intentionally left blank]