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National Oceanic and Atmospheric Administration

FY 2007 President's Budget Request

"Protecting Lives and Livelihoods"

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Under Secretary of Commerce for Oceans and Atmosphere
February 2006



Agenda

- Mission
- FY 2005 Accomplishments & Results
- Hurricane Katrina Summary
- Budget Overview
- FY 2007 Budget Priorities



NOAA's Mission and Goals

Our Mission:

- To understand and predict changes in the Earth's environment and manage coastal and marine resources to meet the Nation's economic, social, and environmental needs

Mission Goals:

- Protect, restore, and manage the use of coastal and ocean resources through an *ecosystem approach to management*
- Understand *climate variability and change* to enhance society's ability to plan and respond
- Serve society's needs for *weather and water information*
- Support the Nation's *commerce* with information for safe, efficient, and environmentally sound *transportation*
- Provide *critical support for NOAA's mission*



FY 2005 Accomplishments



- Enhanced Tsunami Warning Program
- NOAA-N successfully launched
- Record Hurricane Track Forecasts
- Responded to Toxic Marine Outbreaks
- Rebuilt Fisheries Stocks
- Expanded Air Quality Forecasts
- Improved Marine Transportation Safety
- Hurricane Katrina Response





Hurricane Katrina - "One NOAA" Response



- Issued Accurate Track Forecast 3 Days Before Landfall
- Collected and Provided Detailed Aerial Photography of Coast
- Conducted Surveys to Open Ports
- Performed Extensive Water Quality and Seafood Safety Tests
- Conducted Assessments of Fisheries and Coastal Resources
- Worked with States and Partners on Recovery Plans





NOAA: Results Oriented



Performance Measure	FY 2002 Actual	FY 2005 Target	FY 2005 Actual
Tornado warning lead time	<i>12 minutes</i>	<i>13 minutes</i>	<i>13 minutes</i>
Flash flood lead time	<i>52 minutes</i>	<i>48 minutes</i>	<i>54 minutes</i>
Hurricane track forecast error	<i>122 miles</i>	<i>128 miles</i>	<i>99 miles</i>
Winter storm warning lead time	<i>13 hours</i>	<i>15 hours</i>	<i>17 hours</i>
Reduce hydrographic survey backlog	<i>1,514 sq. nautical miles</i>	<i>2,700 sq. nautical miles</i>	<i>3,079 sq. nautical miles</i>
Increase in number of threatened species with lowered risk of extinction	<i>7 species</i>	<i>6 species</i>	<i>8 species</i>
Number of habitat acres restored	<i>4,300 acres</i>	<i>4,500 acres</i>	<i>8,333 acres</i>



FY 2007 Budget Summary



FY 2007 Budget - Context

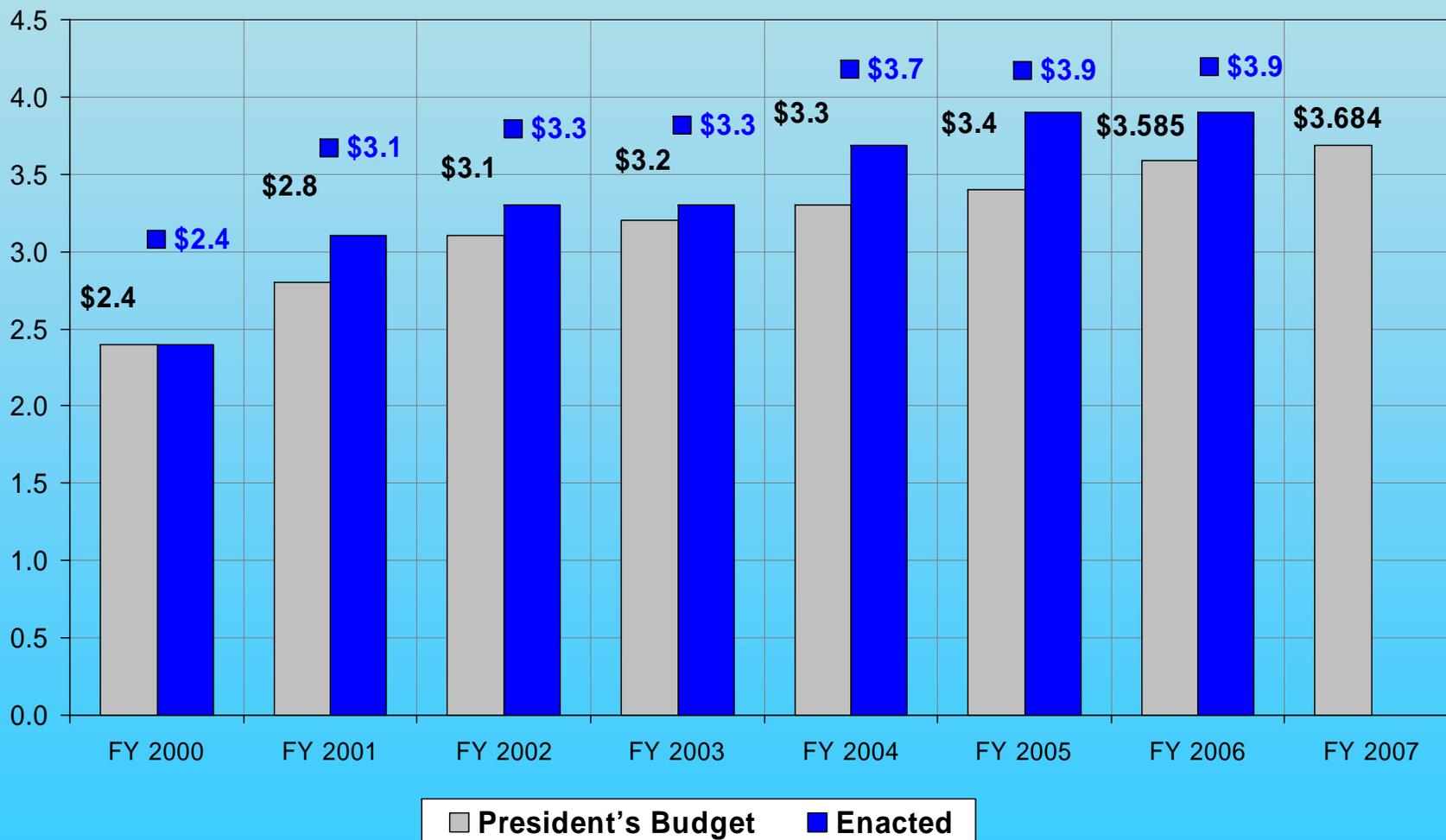


- NOAA Services are Crucial to Our Nation's Competitiveness
- Severe Weather Impacting Our Economy and Public Safety
- Rising Coastal Populations Increase Demand for Ocean Resources
- Understanding Climate Change to Manage Resources Better
- NOAA Environmental Information Key to Millions of Decisions Every Day
- Fiscal Environment Requires Careful Resource Decisions



NOAA Budget Trends

(\$ in billions)





FY 2007 Budget Highlights

- Request is \$227M or 5.8% below the FY 2006 enacted
- Request of \$3,684M is \$345M or 10.3% above the FY 2007 Base
- Request Reflects the Current Fiscal Environment
- Sustains Mission Critical Services to the Nation
- Proposes Increases for High Priority Programs
 - Satellite Continuity
 - Fisheries Management
 - Tsunami and Hurricane Warnings
 - Marine Transportation Safety



Summary of Major Changes

\$ in millions



FY 2006 Appropriation	\$3,911.5
Terminations	(\$621.1)
Inflationary Adjustments / Rescission Restorations / Financing	\$48.4
FY 2007 Current Program (Base)	\$3,338.8
Net Program Increases	\$345.3
Total FY 2007 Request	\$3,684.1



Summary by Strategic Goal

\$ in millions



Goal	FY 06 Enacted	FY 07 Current Program	Net Program Change	FY 07 President's Budget	Percent Change (over Current Program)
Ecosystems	\$1,237.6	\$967.7	\$107.6	\$1,076.1	11.1%
Climate	\$250.6	\$205.9	\$24.1	\$230.1	11.7%
Weather & Water	\$932.6	\$858.0	\$46.1	\$904.1	5.4%
Commerce & Transportation	\$182.2	\$151.2	\$19.5	\$170.7	12.9%
Mission Support	\$1,400.4	\$1,245.5	\$148.1	\$1,393.6	11.9%
Total*	\$3,911.5	\$3,338.8	\$345.4	\$3,684.1	10.3%

*Total includes financing adjustments



Summary by Line Office

\$ in millions



Line Office	FY 06 Enacted	FY 07 Current Program	Net Program Increase	FY 07 President's Budget	Percent Change (over Current Program)
NOS	\$590.5	\$369.1	\$44.1	\$413.1	11.9%
NMFS	\$811.5	\$656.6	\$81.1	\$737.7	12.4%
OAR	\$379.6	\$310.4	\$38.2	\$348.7	12.3%
NWS	\$848.2	\$838.4	\$43.5	\$881.9	5.2%
NESDIS	\$952.2	\$916.4	\$117.4	\$1,033.9	12.8%
PS/Other	\$491.0	\$385.1	\$21.0	\$406.1	5.5%
Total	\$3,911.5	\$3,338.8	\$345.4	\$3,684.1	10.3%

*Total includes financing adjustments



FY 2007 Budget Priorities



1) Mission Support – People & Infrastructure	+\$148.1 M
2) Ecosystem Management	+\$107.6 M
3) Climate Services	+\$24.1 M
4) Weather and Water Information	+\$46.1 M
5) Commerce and Transportation	+\$19.5 M



Mission Support – People & Infrastructure

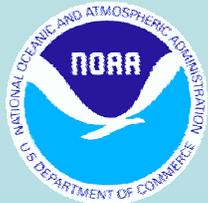
(\$ in millions)



	<u>Request Amount</u>	<u>Program Change</u>
Vessel Operations & Maintenance	\$129.9	+\$7.5
NPOESS Satellites	\$337.9	+\$20.3
GOES Satellites	\$439.6	+\$104.0
NOAA Center for Weather & Climate Prediction	\$19.3	+\$11.0
Facilities Maintenance and Repairs	\$23.0	+\$11.1



People & Infrastructure are the Foundation of NOAA's Mission Services



Ecosystem Management

(\$ in millions)



	<u>Request Amount</u>	<u>Program Change</u>
Stock Assessments	\$32.1	+\$7.6
Protected Species	\$144.9	+\$22.5
Fisheries Habitat Restoration	\$21.1	+\$7.5
Southeast Area Monitoring and Assessment Program	\$5.1	+\$3.8
Highly Migratory Species	\$3.0	+\$3.0



*Fisheries Provide \$44 billion to U.S. GDP Annually
Coastal and Marine Waters Support Over 28 million U.S. jobs*



Climate Services

(\$ in millions)



	<u>Request Amount</u>	<u>Program Change</u>
National Integrated Drought Information System (NIDIS)	\$17.0	+\$6.5
Global Climate Observing System	\$2.9	+\$2.7
Global Ocean Observing System	\$29.8	+\$6.0
Explain Climate Conditions to Improve Predictions	\$2.0	+\$2.0



Significant Climate Events Such As El Nino Can Cost the United States Over \$25 Billion Per Event



Weather & Water Information

(\$ in millions)



	<u>Request Amount</u>	<u>Program Change</u>
Strengthen Tsunami Warnings	\$20.4	+\$12.4
Tornado Severe Storms Research Programs	\$3.0	+\$2.0
NWS Telecommunications Network (CIP)	\$5.5	+\$2.5
NOAA Profiler Network	\$6.3	+\$3.5
Hurricane Buoy Operations & Maintenance	\$1.4	+\$1.4



*Severe Weather Causes \$11 Billion in Damages Within the U.S. Every Year
Hurricane Katrina Alone is Estimated to Cost \$150 Billion*



Commerce & Transportation

(\$ in millions)



	<u>Request Amount</u>	<u>Program Change</u>
Critical Mapping, Charting & Data Improvements	\$41.8	+\$5.1
Address Survey Backlog	\$31.2	+\$10.5
Electronic Navigation Charts	\$6.1	+\$1.9
Aviation Weather	\$4.7	+\$1.2
Maintain and Expand PORTS	\$3.0	+\$0.7



More than 78 percent of U.S. Overseas Trade Occurs Through U.S. Ports



Summary



- NOAA Services Are Critical to Our Nation's Economy and Public Safety
- Full Funding for the President's Budget Is Our Highest Priority
- Support from Our Constituents & Congress is Critical



NOAA Budget Information



Blue Book & Briefing:

http://www.corporateservices.noaa.gov/%7Enbo/07bluebook_highlights.html

Budget Questions for Citizens

AskNOAABudget@noaa.gov

NOAA Strategic Plan:

www.spo.noaa.gov/