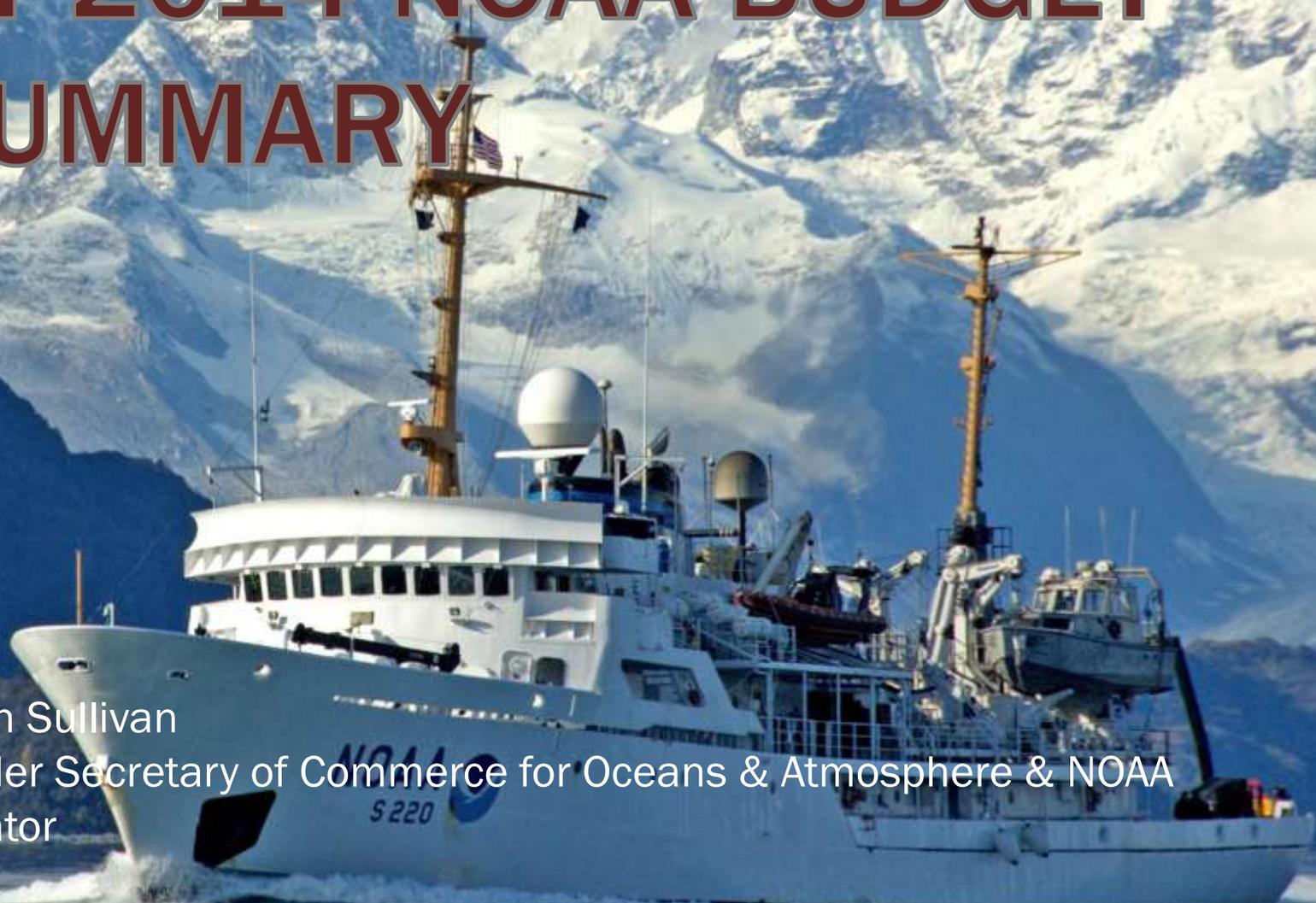




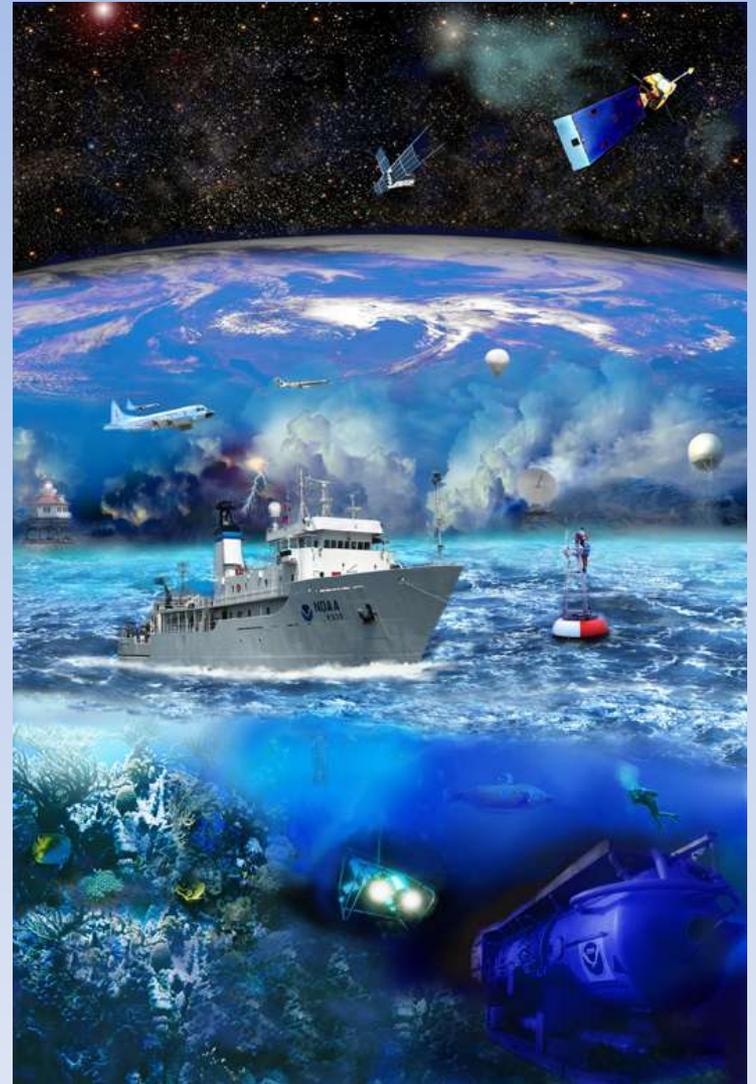
FY 2014 NOAA BUDGET SUMMARY



Dr. Kathryn Sullivan
Acting Under Secretary of Commerce for Oceans & Atmosphere & NOAA
Administrator

From The Surface Of The Sun To The Depths Of The Ocean Floor

NOAA is an agency that enriches life through science. Our reach from sun to seafloor helps to keep citizens informed of the changing environment around them.



NOAA Supports Businesses, Communities, & the Future

Support transportation & commerce



Facilitate sustainable agriculture, fisheries, & aquaculture



Protect life & property & create business opportunities

Assist communities & provide recreational opportunities



Safeguard communication & electric infrastructure



Inform renewable energy business decisions

PROTECTING LIVES & LIVELIHOODS



The One-NOAA Benefit

NOAA helped the public to prepare for, respond to, and recover from, Hurricane Sandy

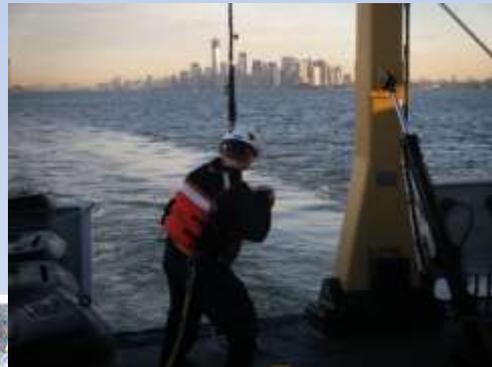
Hurricane Forecast Track



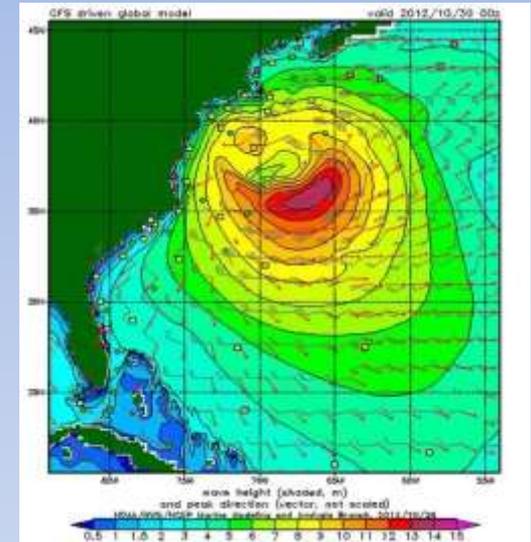
Hurricane Hunters



NOAA Ship *Thomas Jefferson*



Storm Surge Model



NOAA is able to put together the right pieces to address specific challenges.

Navigation Response Teams



“NOAA’s detailed subsurface surveys were absolutely key to opening the port.” -CDR Linda Sturgis, Port Recovery Office, USCG Sector New York

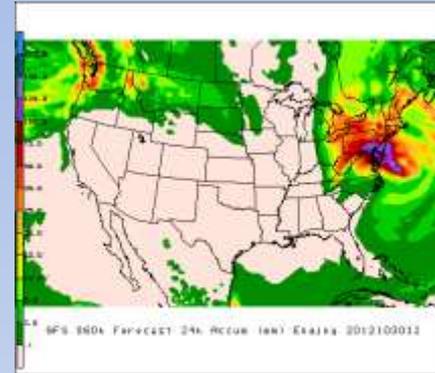
Damage Assessment Imagery



FY 2012 PROGRESS & ACCOMPLISHMENTS



Rebuilding fish stocks



NOAA Upgrades Global Forecast System and Data Assimilation



Coastal Mapping



NOAA assisted dam removal on the Elwha River results in improved salmon habitat.

FY 2014 BUDGET OVERVIEW



FY 2014 Budget Overview

FY 2014 Request is for \$5.4B, an increase of \$541M (11%) above the FY 2012 Spend Plan

FY 2014 Request is an increase of \$387M (7.7%) above the FY 2013 President's Budget Request

Restoring balance and making a down payment on the future

This budget proposal includes targeted investments to restore the balance between:

- Ocean and atmospheric missions
- Internal and external funding
- Immediate needs and long-term goals

Ocean & Coastal Program Restorations

Line Office	Program (\$ in millions)	FY12	FY 13 PB	FY14 PB
NOS	Navigation Response Teams	\$2.3	\$0	\$2.3
NOS	Coastal and Estuarine Land Conservation Program	\$3.0	\$0	\$3.0
NOS	NERRS Construction Program	\$1.0	\$0	\$1.7
NOS	Marine Sanctuaries Construction	\$4.0	\$0	\$2.0
NMFS	Regional Councils and Commissions	\$32.0	\$27.3	\$31.9
NMFS	Habitat Management and Restoration	\$41.9	\$36.0	\$47.0
NMFS	Inter-jurisdictional Fisheries Grant	\$0	\$0	\$2.5
NMFS	Chesapeake Bay Interpretive Buoy System	\$0.8	\$0	\$0.8
OAR	Great Lakes Environmental Research Lab	\$1.7	\$0	\$1.7

Table will not add across. It does not include ATB's.



STEM Education Reorganization

The Administration is launching a bold reorganization of STEM education programs.

Goal: Increase impact on STEM achievement and outcomes by supporting a cohesive national strategy that reaches **more students, more teachers, more effectively.**

Six programs will be terminated from NOAA's budget:

- Teacher at Sea (\$600K)
- National Sea Grant Education (\$4.0M)
- Competitive Education Grants (\$3.1M)
- Dr. Nancy Foster Scholarship Program (\$600K)
- Ocean Exploration and Research Education (\$900K)
- Bay Watershed Education and Training (B-WET) (\$5.5M)

The funding for these programs will be transferred to the Department of Education, National Science Foundation, and the Smithsonian

Budget Breakdown by Line Office

(\$ in millions)*	FY 2012 Spend Plan	FY 2013 President's Budget	FY 2013 CR	FY 2014 President's Request	% Change from FY13 PB	% Change from FY12 Spend Plan
Oceans & Coasts	\$489.9	\$478.1	\$496.2	\$529.2	10.7%	8%
Fisheries	\$895.0	\$880.3	\$931.2	\$929.3	5.6%	3.8%
Research	\$382.8	\$411.3	\$385.1	\$472.4	14.9%	23.4%
Weather	\$996.0	\$976.4	\$1,001.9	\$1,050.1	7.6%	5.4%
Satellites	\$1,876.2	\$2,040.2	\$1,886.3	\$2,186.0	7.1%	16.5%
Program Support/Fleet	\$466.6	\$476.3	\$470.7	\$503.5	5.7%	7.9%
Discretionary Appropriations, Total (Net of Financing & Transfers)	\$4,906.6	\$5,060.5	\$4,936.6	\$5,447.7	7.7%	11%

FY 2014 Line Office Overview



Healthy Oceans and Coasts

TOTAL NOS INVESTMENT: \$529.2M

Targeted Investment:

- ☑ Shoreline mapping (+)
- ☑ Competitive Research (+)
- ☑ Development of Marine Sensors (+)
- ☑ Sanctuaries and Marine Protected Areas (-)
- ☑ Coastal Zone Management and Services (-)

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Navigation, Observations and Positioning	\$127.5	\$129.2	\$128.3	\$145.9	13%	14%
Competitive Research	\$9.0	\$11.0	\$9.1	\$15.0	36%	67%
IOOS Regional Observations	\$23.0	\$29.5	\$23.1	\$34.5	17%	50%
Coastal Zone Management and Services	\$43.8	\$39.0	\$44.0	\$41.2	6%	(6%)
Sanctuaries and Marine Protected Areas	\$47.0	\$46.6	\$49.3	\$46.4	(0.4%)	(1%)



Healthy Oceans and Coasts

Total NMFS Investment: \$929.3M

Targeted Investments:

- ☑ Improve fishery stock assessments for sustainable and profitable fisheries (+)
- ☑ Increase support for Species Recovery Grants to recover threatened and endangered species under the Endangered Species Act (+)
- ☑ Habitat conservation and restoration efforts focused on species recovery and fisheries management (+)
- ☑ Prescott Marine Mammal Rescue Assistance Grants are terminated (-)



Kemp's ridley turtle

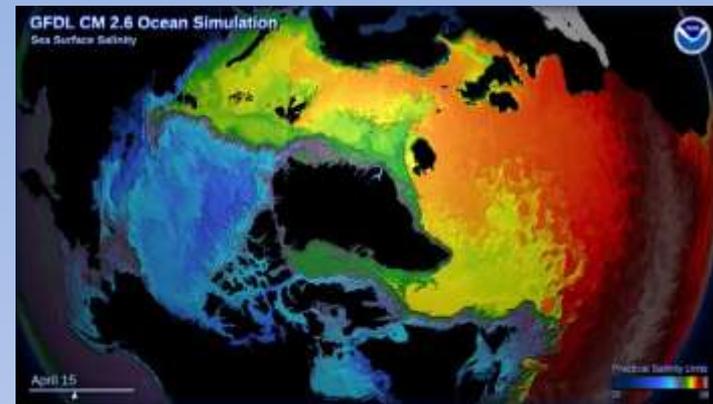
Budget Line (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Expand Annual Stock Assessments	\$63.6	\$68.6	\$63.6	\$69.3	1%	9%
Survey and Monitoring Projects	\$21.7	\$24.3	\$21.7	\$24.8	2%	14%
Species Recovery Grants	\$2.8	\$4.8	\$2.8	\$17.8	271%	536%
Habitat Conservation and Restoration	\$41.7	\$36.0	\$41.9	\$47.0	31%	13%
Pacific Coastal Salmon Recovery Fund	\$65.0	\$50.0	\$65.4	\$50.0	0%	(24%)
John H. Prescott Marine Mammal Rescue Assistance Grant Program	\$4.0	\$0	\$4.0	\$0	0%	-

Oceanic and Atmospheric Research Enterprise

Total OAR Investment: \$472.4M

Targeted Investment:

- ☑ Ocean Acidification R&D (+)
- ☑ Climate Impacts on Fish Stocks & Prey Availability (+)
- ☑ National Sea Grant College Program (+)
- ☑ Cooperative Institutes (+)
- ☑ Next Generation Weather Observing Platforms (+)
- ☑ Wind Boundary Layer Research (+)



Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Ocean Acidification R&D	\$6.2	\$6.4	\$6.2	\$8.4	31%	35%
Climate Impacts on Fish Stocks & Prey Availability	\$0	\$0	\$0	\$10	0%	-
National Sea Grant College Program	\$62	\$62.5	\$62.5	\$72.7	16%	17%
Laboratories & Cooperative Institutes	\$128.4	\$153.9	\$129.2	\$153.9	0%	20%
Next Generation Weather Observing Platforms	\$10.4	\$13	\$40.4	\$50	285%	381%
Wind Boundary Layer Research	\$0	\$0	\$0	\$2.9	0%	-
Ocean Exploration & Research	\$23.5	\$19.7	\$23.7	\$29.1	48%	24%

Weather-Ready Nation

Total NWS Investment: \$1,050.1M

Targeted Investments:

- ☑ Labor and Operations (+)
- ☑ Accelerate weather research to operations (+)
- ☑ Tsunami preparedness (+)
- ☑ Modernize and expand weather dissemination (+)
- ☑ Mesonet observations (+)
- ☑ WFO relocations (+)



Sandy damage, Rockaway Beach, NY Photo: Daniel Brown, NOAA

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
LWF Base	\$655.8	\$645.7	\$659.8	\$658.2	1.9%	(0.2%)
Strengthen U.S. Tsunami Network	\$23.5	\$18.9	\$23.6	\$26.9	14.0%	42.3%
Mesonet	\$11.0	\$0	\$11.0	\$5.5	-	(50%)
CFG - Research to Operations	\$77.5	\$79.2	\$78.0	\$94.7	19.6%	22%
Weather & Climate Supercomputing	\$40.1	\$35.2	\$40.3	\$44.2	27.3%	10%
Telecom Gateway	\$1.2	\$8.2	\$1.2	\$16.2	97.6%	1250%
Ground Readiness Program	\$0	\$9.4	\$0	\$15.4	63.8%	-
WFO Construction	\$1.7	\$3.2	\$1.7	\$8.7	171.9%	412%



Satellites, Data and Information Services

Total NESDIS Investment: \$2,186.0M



Targeted Investments:

- ☑ Critical weather satellite program: GOES-R (+) and JPSS (-)
- ☑ Product Processing and Distribution for Suomi NPP (+)
- ☑ Ocean altimetry mission, Jason-3 (+)
- ☑ Operational space weather mission, DSCOVR (-)

Budget Lines (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
GOES-R	\$615.6	\$802.0	\$618.9	\$954.8	19%	55%
Product Processing and Distribution (for Suomi NPP)	\$0	\$9.4	\$0	\$9.6	2.1%	-
Jason-3	\$19.7	\$30.0	\$19.8	\$37.0	23%	88%
DSCOVR	\$29.8	\$22.9	\$30.0	\$23.7	3.5%	(20%)
JPSS	\$924.0	\$916.4	\$928.9	\$824.0	(10%)	(11%)



Satellites, Data and Information Services



Joint Polar Satellite System (JPSS)

Key areas of consideration:

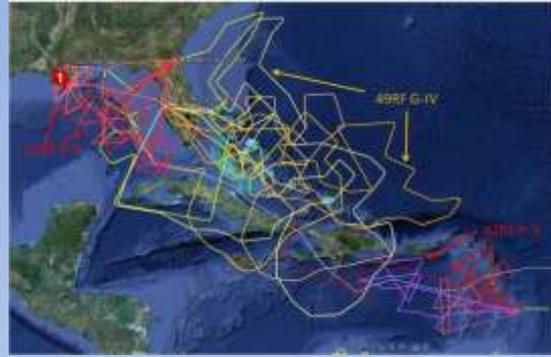
- ☑ *Assuring critical weather observation continuity*
- ☑ *Reducing life cycle cost of JPSS by at least \$1 billion*
- ☑ *Develop a plan for continuity of non-weather observations*
- ☑ *Ensuring the program remains on its current schedule for JPSS-1*
- ☑ *Complete an Independent Cost Estimate of the revised program*

PROGRAM SUPPORT

Total Investment: \$503.5M

Targeted Investment:

- ✔ Working Capital Fund
- ✔ Critical Days at Sea for fisheries and marine mammal surveys, nautical charting, and climate and ocean health research (+)
- ✔ Capital fund to implement lifecycle maintenance program for fleet life extension (+)
- ✔ Study of alternative platforms for NOAA's Hurricane Hunters end of service life (+)
- ✔ Additional flight hours for critical in-situ observations in support of research (+)



Round-the-clock hurricane research, surveillance and forecast improvement support for Hurricane Issac.

Budget Line (\$ in Millions)	FY 2012 Spend Plan	FY 2013 PB	FY 2013 CR	FY 2014 PB	% Change from FY 2013 PB	% Change from FY 2012 Spend Plan
Corporate Services	\$202.0	\$199.9	\$203.3	\$212.4	6%	5%
Marine Operations and Maintenance	\$155.3	\$166.0	\$156.2	\$176.6	6%	14%
PAC - Fleet Capital Improvements and Tech Infusion	\$1.0	\$11.7	\$1.0	\$11.7	0%	1,070%
Aircraft Services	\$27.1	\$29.7	\$27.3	\$31.5	6%	16%



NOAA is:

- ☑ A science based, interdisciplinary, integrated agency
- ☑ That provides essential Environmental Intelligence
- ☑ A leader for the future – a critical nexus within the Federal family

But we couldn't do any of this without you

THANK YOU FOR SUPPORTING US!



Okeanos Explorer



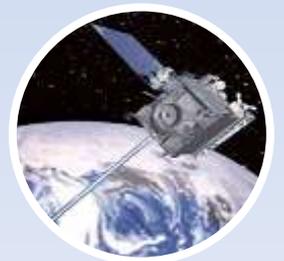
NOAA G4 and P3



NOAA Employee Operating AWIPS



TAO Buoy



GOES

NOAA Budget Information

BLUE BOOK AND BRIEFING:

[HTTP://WWW.NOAA.GOV](http://www.noaa.gov)

NOAA ANNUAL GUIDANCE MEMORANDUM:

[HTTP://WWW.PPI.NOAA.GOV/](http://www.ppi.noaa.gov/)

