

## FY 2009 Appropriations for the National Oceanic & Atmospheric Administration (NOAA)

### NOAA's FY 2009 "Blue Book" (Budget Request)

*(numbers are in millions)*

NOAA	FY 2008 Estimate	President's FY 2009 Request	% change FY08 vs FY09 Request	House	Senate
<b>Line Offices (ORF)</b>					
<b>National Ocean Service</b>	467.9	449.2	-4.0%	472.0	516.8
<b>National Marine Fisheries</b>	708.3	724.2	2.2%	744.4	777.3
<b>Oceanic &amp; Atmospheric Research</b>	387.9	372.3	-4.0%	396.3	403.4
<b>National Weather Service</b>	805.3	818.8	1.7%	825.8	847.9
<b>NESDIS</b>	179.1	165.3	-7.7%		177.9
<b>Within OAR:</b>					
<b>Climate Research (ORF):</b>					
Labs & Joint Institutes	53.5	51.6	-3.5%		55.6
Climate & Data Information	7.5	8.3	10.7%		8.3
Competitive Research Program	130.1	134.7	3.5%	139.7	134.7
Earmarks	1.1	0			.20
<b>Total, Climate Research:</b>	192.6	195.5	1.5%		213.7
<b>Weather &amp; Air Quality Research (ORF):</b>					
Labs & Joint Institutes	46.0	49.1	6.7%		53.1
Phased-Array Radar	2.9	2.9	flat		2.9
USWRP/THORPEX	(In NWS) 5.9	5.5	-6.7%		5.5
Earmarks	3.2	0			6.0
<b>Total, Weather &amp; Air Quality Research:</b>	52.1	57.6	10.5%		67.4
<b>Within NWS:</b>					
Local Warnings & Forecasts — Base	579.0	601.9	3.9%		656.6
USWRP/THORPEX	5.9	(In OAR) 5.5	-6.7%	moved back to OAR	moved back to OAR

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Advanced Hydrological Prediction Services	5.9	6.0	3.9%		6.0
Aviation Weather	4.5	5.2	15.5%		5.2
Central Forecast Guidance	51.9	57.2	10.2%		68.1
Cooperative Observer Network (PAC)	4.1	3.7	-9.7%		3.7
AWIPS (PAC)	12.4	19.1	54.0%		20.6
NEXRAD (PAC)	8.1	8.3	2.5%		8.3
Radiosonde Replacement (PAC)	3.9	4.0	2.5%		4.0
NOAA Profiler Conversion (PAC)	4.9	9.7	97.9%		11.3
<b>Within NESDIS:</b>					
GOES-R	234.7	477.0	103.2%		477.0
NPOESS	331.3	287.9	-13.1%		287.9
Data Centers & Information Services	77.2	53.7	-30.4%		67.0
NOAA Education Program	34.0	16.5	-51.5%	20.5	48.7
<b>Total, NOAA</b>	<b>3,896.0</b>	<b>4,109.8</b>	<b>5.5%</b>	<b>4,228.0</b>	<b>4,445.9</b>

### Detail on the House Mark (7/1/08):

Language on Extramural Funding:

“The Committee directs NOAA to continue tracking the division of R&D funds between intramural and extramural research, and further directs NOAA to assure consistency and clarity in the collection and reporting of data. The Committee also directs NOAA to state clearly its expected research outcomes and available funding in order to provide transparency into the competitive grant process for extramural researchers. The Committee is concerned that by not providing sufficient extramural research funding, NOAA risks discouraging extramural involvement in NOAA’s research programs and the concomitant leveraging of external funds in support of mission-oriented research. Thus, the Committee encourages NOAA to provide additional extramural funding in future budget requests.

The recommendation for the Integrated Ocean Observing System (IOOS) is \$19.555 million for regional observations and \$8.5 million for NOAA IOOS.

The committee recommends \$28 million for the Coral Reef Program, which is \$2.1 million above the request. The Committee directs NOS to apply the additional funding to Deep Sea Coral and competitive grants for coral reef research.

Both House and Senate bills include \$74 million to restore climate monitoring equipment on NOAA's NPOESS and GOES-R satellite programs.

### **Detail on the Senate Mark (6/30/08):**

**Commercial Satellite Data:** The Senate report states that NOAA should "...provide incentives and commitments to commercial entities that can provide weather and climate change data as a supplement to NOAA's two core satellite systems. The Committee recognizes that such commercial sources may be low-cost alternatives to traditional Government satellites." It directs NOAA to provide a report to the Committee on actions that can be taken to obtain space-based environmental information from commercial sources.

### **Detail on President's FY 2009 Request:**

**Amendment to President's Request (6/30/08):** The Administration has added an amendment to its budget request, reprogramming funds to cover the 2010 Census. It proposes to move \$13 million from NOAA (\$4 million from ORF, \$9 million from PAC).

For FY 2009, the President proposes a budget of \$4.1 billion for NOAA. This amount is approximately \$200 million or 5.5 percent over the FY 2008 enacted level. However, it appears that the bulk of the proposed increase would be reserved for the Procurement, Acquisition and Construction (PAC) account. While the budget request includes \$1.2 billion (a 26.6 percent increase over the FY 2008 enacted level) for the PAC account, Operations, Research and Facilities (ORF) would take a 0.5 percent cut, with a request of \$2.9 billion for FY 2009.

The budget request states that its total requested program changes fall into two main categories—sustaining critical operations (including \$42 million in workforce salary increases and an additional \$242 million for the Geostationary Operational Satellites (GOES)–R program, among other things) and priority program changes. Requested program changes fall into four key areas:

- Supporting the President's Ocean Initiative;
- Improving Weather Warnings and Forecasts;
- Climate Monitoring and Prediction; and
- Critical Facility Investment.

### **Within NWS**

The NOAA Profiler conversion is slated to receive a \$5 million increase (FY08 \$4.9 million, FY09 request 9.7 million). The budget also zeroes out USWRP/THORPEX and puts it back in to OAR.

### **Within OAR ("NOAA Research")**

While Climate Research and Weather Research are up slightly, Ocean, Coastal and Great Lakes Research is down \$24 million. Once again this year, the request seeks to merge the National Undersea Research Program (NURP) with Ocean Exploration into the Ocean Exploration and Research Program. USWRP/THORPEX are moved back in to this line office (from NWS).

The Competitive Research Program is up \$4 million, which will go toward the following four projects:

- National Integrated Drought Information System (NIDIS)

- Water Vapor Process Research
- Analysis of Unmanned Aircraft Systems Data from the Arctic Test Base
- Assessing Atlantic Meridional Overturning Circulation Variability: Implications for Rapid Climate Change

The \$4 million increase for Weather and Air Quality's Labs and Joint Institutes is directed to support Unmanned Aircraft Systems (+\$3 mill) and Numerical Prediction Developmental Testbed Center (+\$1 million).

### **Within NESDIS**

While the NESDIS ORF account is down, the PAC account is up 28 percent. The GOES-R series would get a \$242 million increase. The request for NPOESS is \$288 million and restores \$74 million for climate sensors. While NPOESS would be cut about 43 percent, the budget summary states that the adjustment to the NPOESS budget will bring it "into alignment with the DoD's certified Nunn-McCurdy program estimate" and will be used to "continue the development and production of the NPOESS spacecraft and instruments."

### **NOAA Education Program**

While the budget request cuts the NOAA Education Program \$17.5 million, from \$34 million to \$16 million, the cuts reflect congressionally directed projects. The Education Partnership Program (EPP) would receive \$14.2 million, a 2 percent increase. However, Competitive Educational Grants would be cut from \$4.8 million to \$1 million.