

**NOAA Research FY2003 President's Budget (\$K)**

<b>Operations, Research, &amp; Facilities (OR&amp;F)</b>				
<b>Subactivity</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2003</b>	<b>FY 2003</b>
<b>Line Item</b>	<b>Enacted</b>	<b>Base*</b>	<b>Program</b>	<b>President's</b>
<b>Program</b>			<b>Changes</b>	<b>Request</b>
<b>Climate Research</b>	<b>150,168</b>	<b>152,027</b>	<b>18,937</b>	<b>170,964</b>
<b>Laboratories &amp; Joint Institutes</b>	<b>49,143</b>	<b>54,021</b>	<b>558</b>	<b>54,579</b>
<b>Climate &amp; Global Change Program</b>	<b>73,725</b>	<b>73,956</b>	<b>-1,121</b>	<b>72,835</b>
<b>Climate Observations &amp; Services (w selected detail)</b>	<b>23,550</b>	<b>23,550</b>	<b>18,000</b>	<b>41,550</b>
Argo-Related Costs [part of ocean obs./systems]	7,950	7,950		7,950
Climate Change Research Initiative (NASA transfer)	0	0	18,000	18,000
<b>Other Partnership Programs</b>	<b>3,750</b>	<b>500</b>	<b>1,500</b>	<b>2,000</b>
AIRMAP (Inst. for Study of Earth, Oceans & Space - CCRC)**	3,000	0		0
Central CA Ozone Study**	250	0		0
International Pacific Research Center (U of HI)	500	500	-500	0
SEARCH (Arctic Climate Research Initiative )	0	0	2,000	2,000
<b>Weather &amp; Air Quality Research</b>	<b>55,462</b>	<b>54,561</b>	<b>4,485</b>	<b>59,046</b>
<b>Laboratories &amp; Joint Institutes</b>	<b>43,863</b>	<b>47,689</b>	<b>385</b>	<b>48,074</b>
<b>U.S. Weather Research Program (USWRP)</b>	<b>10,250</b>	<b>3,872</b>	<b>6,100</b>	<b>9,972</b>
U.S. Weather Research Program Base	2,750	2,872	1,000	3,872
Space-Based Wind Profile Lidar Technology	1,000	1,000	-1,000	0
3-D Ceilometer in HI	500	0		0
Energy Security Program Initiative	0	0	6,100	6,100
Air Quality Forecasting Pilot Program***	3,000	0		0
High--Resolution Temperature Forecasting Pilot Prgm***	3,000	0		0
<b>Other Partnership Programs</b>	<b>1,349</b>	<b>3,000</b>	<b>-2,000</b>	<b>1,000</b>
New England Air Quality Study	1,000	0		0
STORM (U. of N. Iowa)	349	0		0
AIRMAP (Inst. for Study of Earth, Oceans & Space - CCRC)**	0	3,000	-3,000	0
Central CA Ozone Study**	0	0		0
Tornado/Severe Storm Research (Phased-Array Radar)	0	0	1,000	1,000
<b>Ocean, Coastal, and Great Lakes Research</b>	<b>137,632</b>	<b>116,562</b>	<b>-62,410</b>	<b>54,152</b>
<b>Laboratories &amp; Joint Institutes</b>	<b>19,285</b>	<b>20,927</b>	<b>0</b>	<b>20,927</b>
<b>National Sea Grant College Program (transfer to NSF)</b>	<b>62,410</b>	<b>62,410</b>	<b>-62,410</b>	<b>0</b>
<b>National Undersea Research Program (NURP)</b>	<b>16,270</b>	<b>13,921</b>	<b>0</b>	<b>13,921</b>
NURP Base	13,770	13,921		13,921
Nat. Inst. for Undersea Science & Technology (U. of MS)	2,500	0		0
<b>Ocean Exploration</b>	<b>14,000</b>	<b>14,233</b>	<b>0</b>	<b>14,233</b>
<b>Other Partnership Programs</b>	<b>25,667</b>	<b>5,071</b>	<b>0</b>	<b>5,071</b>
Aquatic Ecosys./Canaan Valley Inst. (incl. Nitrogen Study)	4,300	0		0
Arctic Research Initiative	1,650	1,650		1,650
Carolina Coastal Ocean Observing & Prediction System	2,800	0		0
Gulf of Maine Council	500	0		0
Lake Champlain Research Consortium	250	0		0
NH Milfoil Education & Prevention Program	275	0		0
NISA/Ballast Water Demonstrations	2,250	0		0
NISA/Prevent & Control Invasive Species	800	800		800
NOAA Marine Aquaculture Program	2,594	2,621		2,621
Coop. Inst. for New England Mariculture & Fisheries (UN	3,000	0		0
Pacific Tropical Ornamental Fish	450	0		0
Aquaculture Management Plan--RICRMC	1,500	0		0
Aquaculture Education Program--Cedar Point, MS	1,000	0		0
SE Atlantic Marine Monitoring & Pred. Center (UNC)	998	0		0
Tsunami Hazard Mitigation (incl. TWEAK) (to NWS in '03)	3,300	0		0
<b>Info. Technology R&amp;D &amp; Sci. Educ. (HPCC)</b>	<b>12,800</b>	<b>12,800</b>	<b>0</b>	<b>12,800</b>
<b>Total, NOAA Research - ORF</b>	<b>356,062</b>	<b>335,950</b>	<b>-38,988</b>	<b>296,962</b>
<b>Procurement, Acquis., &amp; Construction (PAC)</b>				
Research Supercomputing (HPCC/GFDL)	7,750	7,750	-766	6,984
Comprehensive Large-Array data Stewardship Sys.(CLASS)	3,600	3,600		3,600
Norman Consolidation	8,000	0		0
Stone Laboratory	350	0		0
<b>Total, NOAA Research - PAC</b>	<b>19,700</b>	<b>11,350</b>	<b>-766</b>	<b>10,584</b>
<b>GRAND TOTAL, NOAA RESEARCH</b>	<b>375,762</b>	<b>347,300</b>	<b>-39,754</b>	<b>307,546</b>

\* '03 Base = Sum of '02 Enacted plus inflation adjustments & retirement fund transfer from OPM less non-requested & 1-time programs.

\*\* These Air Quality programs are moved in the '03 Base to Partnership Programs under the Weather & Air Quality Subactivity.

\*\*\* These '02 partnership programs are considered as the base for the new Energy Security Program Initiative.

<b>Other Programs of Interest (outside OAR bgt.)</b>				
Marine Services (\$2.5M increase for UNOLS Charters)	63,829	66,195	7,765	73,960