



FY 2010 NOAA BUDGET HIGHLIGHTS



Weather (National Weather Service)

The National Weather Service (NWS) requests \$963.9M in FY 2010, reflecting a net increase of \$5.0M over the FY 2009 Omnibus. This budget request supports NOAA's efforts to employ cutting-edge technology and to provide weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. Program changes are relative to the FY2010 base which is the FY 2009 Omnibus level less terminated projects plus inflationary adjustments.

FY 2010 Program Change Highlights

Next Generation Weather Radar Gap Coverage +\$7.0: This requested increase will address the highest-priority gap in NEXRAD radar coverage over the ocean in Western Washington State. Existing radars in the region were sited to provide maximum coverage to the most densely populated areas and are partially blocked by the terrain features of the Olympic Mountains and the Coastal Range Mountains, and thus do not provide sufficient radar coverage for viewing approaching Pacific storms along the coast. Providing radar coverage over the ocean will improve the analysis and prediction of large and strong winter storm systems that frequently impact the northwest region.

Space Weather Forecast Improvement +\$2.7M: This requested increase will enable NWS to transition NASA, DoD, and NSF prediction models into space weather operations. improve timeliness and accuracy in current services. NWS will develop the critical prediction and warning tools necessary to safeguard commercial, military space, and aviation activities during the upcoming solar maximum in 2012.

Next Generation Air Transportation System (NextGen) +\$6.1M: This requested increase will lay the foundation and accelerate the development of the weather information database (WIDB) which will integrate observed and forecast weather information into an automated, timely, multi-agency coordinated, air traffic management system.

Hurricane Forecast System Improvements +\$13.0M: This requested increase will significantly accelerate the improvements in hurricane track and intensity forecasts. This increase is needed to carry forward and complete the comprehensive scientific research and engineering development program leading to 20% improvement in track and intensity forecasts. \$3.0M of this increase supports weather and climate supercomputing to accelerate planned improvements in hurricane tracking and intensity forecasts.



Advanced Weather Interactive Processing System (AWIPS) +\$5.3M: This requested increase will provide weather and flood warning service delivery to DHS, FAA, emergency managers, the American public and industry through technology upgrades. This program will update infrastructure and data delivery capabilities to allow for the development of a virtual repository of observed and forecasted weather information by FAA Air Traffic Management decision makers. This updated infrastructure is a key component of NWS delivery to the FAA's NextGen development program.

Weather Radio Improvement Project (WRIP) +\$1.3M: This requested increase will allow WRIP to retro-fit the NOAA Weather Radio Console Replacement System (CRS) communication device, which converts text warnings and forecasts to speech for broadcasting.

NOAA Profiler Network +\$2.2M: In 2010, the NPN will have been installed for over 20 years without any technology refresh during its lifecycle. This request will continue the planned tech refresh and operating frequency conversion of the 20-year old NOAA Profiler Network. This will provide high-frequency wind data to improve severe weather warnings and watches (for tornadoes, flash floods, and winter storms).

NWS FY 2010 Budget Request (\$ in Millions)				
	FY 2008 Enacted	FY 2009 Omnibus	FY 2010 Request	FY 10 Request vs. FY09 Omnibus
ORF	\$805.3	\$847.9	\$867.2	\$19.3
PAC	\$106.1	\$111.0	\$96.7	(\$14.3)
TOTAL	\$911.4	\$958.9	\$963.9	\$5.0

For more information, contact the NOAA Budget Office:
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