

Strengthen U.S. Tsunami Warning Program (Base Funding: \$23,466,000 and 19 FTE; Program Change: -\$4,554,000 and 0 FTE): NOAA requests a decrease of \$4,554,000 and 0 FTE for a total of \$18,912,000 and 19 FTE. This reduction terminates NOAA's partner funding for education and awareness programs to the National Tsunami Hazard Mitigation Program (NTHMP) within the Strengthen U.S. Tsunami Warning Program (SUSTWP) and reduces funding for maintenance of the DART buoy network.

Proposed Actions:

NOAA proposes to terminate grant funding supporting local education, awareness, and inundation and evacuation map development within the National Tsunami Hazard Mitigation Program (NTHMP). In addition, NOAA proposes to increase the time between scheduled maintenance intervals for the DART buoy network, which is expected to lower network data availability from 80 percent to 72 percent. NOAA will continue to fund critical components within the SUSTWP in order to ensure timely and accurate tsunami advisories and warnings. This includes:

- Support for the operation of Tsunami Warning Centers (Pacific Tsunami Warning Center and West Coast and Alaska Tsunami Warning Center, \$3.0M);
- The operations, maintenance, and lifecycle management of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) buoy network (\$11.5M);
- The sustainment of critical observing system networks and the operations and maintenance of (tsunami-reporting) seismic sensors and sea-level stations (\$1.3M);
- The NOAA TsunamiReady Program (\$0.8M)
- The continued transition of Tsunami inundation forecast models to operations (\$1.8M);
- And the O&M support for NOAA's International Tsunami Information Center (ITIC) and archiving of tsunami data (\$0.5M).

The lower data availability of the DART network will not impact the issue of warnings; however, without these data, warnings may extend to a larger area than necessary and for a longer time. NOAA will continue to provide support to the NTHMP by: setting standards of accuracy for NTHMP-developed inundation models; promoting community outreach and education networks to ensure community tsunami readiness; promoting the adoption of tsunami warning and mitigation measures by Federal, State, tribal, and local governments and non-government entities; conducting tsunami research; and operating the U.S. Tsunami Forecasting and Warning Program.

Base Resources Assessment:

The base resources for this activity are described in the Operations and Research base narrative.

Schedule & Milestones:

FY 2013 - 2017

- Operate Tsunami Warning Centers (Pacific Tsunami Warning Center and West Coast and Alaska Tsunami Warning Center)
- Operate, maintain, and conduct lifecycle management of DART buoy network
- Sustain critical observing system networks and the operations and maintenance of (tsunami-reporting) seismic sensors and sea-level stations
- Recognize TsunamiReady Communities

PROGRAM CHANGE DETAIL BY OBJECT CLASS
(Dollar amounts in thousands)

Activity: National Weather Service
Subactivity: Operations & Research

Object Class	2013 Decrease
11 Personnel compensation	
11.1 Full-time permanent	\$0
11.3 Other than full-time permanent	0
11.5 Other personnel compensation	0
11.8 Special personnel services payments	0
11.9 Total personnel compensation	0
12 Civilian personnel benefits	0
13 Benefits for former personnel	0
21 Travel and transportation of persons	0
22 Transportation of things	0
23.1 Rental payments to GSA	0
23.2 Rental Payments to others	0
23.3 Communications, utilities and miscellaneous charges	0
24 Printing and reproduction	0
25.1 Advisory and assistance services	0
25.2 Other services	(554)
25.3 Purchases of goods & services from Gov't accounts	0
25.4 Operation and maintenance of facilities	0
25.5 Research and development contracts	0
25.6 Medical care	0
25.7 Operation and maintenance of equipment	0
25.8 Subsistence and support of persons	0
26 Supplies and materials	0
31 Equipment	0
32 Lands and structures	0
33 Investments and loans	0
41 Grants, subsidies and contributions	(4,000)
42 Insurance claims and indemnities	0
43 Interest and dividends	0
44 Refunds	0
99 Total obligations	(4,554)