

Tsunami Program Overview

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NOAA's Tsunami Program

Areas of Focus

- Tsunami Warning Program
- Tsunami Hazard Mitigation Program
- Tsunami Research and Development
- Global Tsunami Warning and Mitigation Network

Significant involvement and coordination with NOS, NESDIS, OAR, and Federal and State Partners

Today's Tsunami Program

Strengthened Warning and Mitigation System:

NOAA Major Project Completion Date 3-31-08

- **Tsunami Warning Program**

- 2 Warning Centers staffed and operating 24x7, 365 days/yr
- TWC AORs expanded to all Indian Ocean and Caribbean nations as well as all US and Canada coasts.
- Notification provided to all UNESCO/IOC Focal Points in Pacific and Indian Oceans and Caribbean Sea
- 39/39 DART® II stations in operational status
- 8/8 new Hawaii broadband seismic stations operational; integrated 9 USGS Global Seismic Network affiliate stations and Test-ban Treaty arrays
- 16/16 new + 33 upgraded TsunamiReady™ water-level stations (136 NWLON stations configured to support tsunami)

- **Tsunami Hazard Mitigation Program**

- 57 TsunamiReady™ Communities recognized
- 28 member States in the National Tsunami Hazard Mitigation Program
- 3.2 Tb tsunami quality controlled data (event, earthquake, volcano, DART, water level, DEMs)
- 26/26 Site-specific inundation models, digital elevation models and bathymetric maps completed for Forecast Operations
- Bathymetric survey of Puerto Rico completed
- Forecast system Phase 1 implementation “tsunami at a glance” tested
- SIFT coastal estimate tool resident at TWCs along with the TWC coastal forecast system