NOAA is an agency that enriches life through science. Our reach from sun to seafloor helps to keep citizens informed of the changing environment around them.
NOAA Supports Businesses, Communities, & The Future

Support transportation & commerce

Facilitate sustainable agriculture, fisheries, & aquaculture

Protect life & property & create business opportunities

Assist communities & provide recreational opportunities

Safeguard communication & electric infrastructure

Inform renewable energy business decisions

PROTECTING LIVES & LIVELIHOODS
2011 & 2012 EXTREME EVENTS

$1B DISASTERS
14 in 2011
11 in 2012
One-NOAA approach = effective response

Crisis Response: Hurricane/Post-Tropical Cyclone Sandy (2012)

Hurricane Forecast Track

NOAA is able to put together the right pieces to address specific challenges.

“NOAA’s detailed subsurface surveys were absolutely key to opening the port.” - CDR Linda Sturgis, Port Recovery Office, USCG Sector New York

Damage Assessment Imagery

NOAA Ship Thomas Jefferson

The value of the whole is greater than the sum of it’s parts...

Navigation Response Teams
Forecasting Sandy
NOAA Strategic Priorities

- Solid, Credible Science
- Healthy oceans
- Sustainable seafood and jobs
- Resilient coastal communities & economies
- Weather Ready Nation
- Climate Information & Decision Support

SCIENCE, SERVICE & STEWARDSHIP
One-NOAA Approach In The Arctic

Forecast sea ice

Detect & understand climate & ecosystem changes

Enhance national & international partnerships

Improve weather, ice & water forecasts

Advance resilient communities & emerging economic uses

Improve management of ocean resources
**Force Multipliers**

### Scientific Cooperation
- Bilateral Science & Technology Agreements
- Arctic Marine Conservation
- Climate Observations & Monitoring

### Tangible Partnerships
- Shared data & management for critical warning systems
- Ocean Acidification International Coordination Center
- Foreign Shared satellite systems
- Coral Triangle Initiative

### International Agreements/Treaties
- Regional Fisheries Management Organizations
- Marine Conservation & Management
- Environmental Commitments in Trade Agreements
- Arctic Council
- World Meteorological Organization
NOAA’s footprint is in every state & territory

For additional details on NOAA assets in your state, territory, or district, please visit: www.legislative.noaa.gov/NIYS/
NOAA’s unique assets support our integrated mission

NOAA professionals
- 20,000 staff
- 12,500 FTE
- NOAA Corps – the Nation’s 7th Uniformed Service
- 7,500 contractors
- 18 National Labs & Science Centers

High Performance Computing
- 5 supercomputers

Observing Systems
- ~125 weather radars
- 10 satellites
- 3 buoy networks
- 210 tide gages

Ships and Aircraft
- 17 ships
- 10 aircraft
Highlights from the new Suomi NPP Earth “at night” imagery
In A Nutshell...

NOAA is:

- A science based, interdisciplinary, integrated agency – leveraging diverse operational units and our high-tech assets to address the complex environmental issues facing the nation and global community

- A vital component of the Department of Commerce – helping to maximize U.S. competitiveness, enable economic growth, foster science and technological leadership, and promote environmental stewardship

- A leader for the future – a critical nexus within the Federal family
Questions?
View of the Continental United States at night assembled from data acquired by the Suomi NPP satellite.