

Building a Weather-Ready Nation: The Roadmap

Changing the way we do business to Save Lives and Livelihoods

The Roadmap to Building a

Weather-Ready Nation

Services Plan

NWS will move toward integrated services and IDSS through a framework of ten transformational concepts:

- Evolution to National Incident Management System (NIMS) Compliance
- Integration into Presidential Policy Directive 8 (PPD-8) and the National Response Framework
- Integration of Social Science Principles
- Emergency Response Specialists
- Foundational Datasets
- ✓ Impacts Catalog
- Linking Climate and Weather via Impact-Based Decision Support Services
- NWS Operations and Services Proving Ground
- Communications Strategy for High-Impact Events
- Next-Generation Dissemination Requirements

Pilot Projects

NWS Operations Center at NWS Headquarters: Silver Spring, MD

Regional Operations Center: Southern Region Headquarters, Fort Worth, TX

Provision of IDSS in Coastal Environment: WFO New Orleans, LA

WFO provision of IDSS in Urban Environment: WFO Sterling, VA

WFO Charleston, WV

Ecological forecasting and IDSS: WFO Tampa Bay, FL Warn-on-forecast and IDSS:

Anticipated Outcomes

NWS will enable America to become a Weather-Ready Nation through superior Impact-Based Decision Support Services.

Our accurate and timely forecasts, warnings, and information save lives and enhance the U.S. economy.

Federal and state and local governments depend on NWS as their trusted, reliable source of weather, water, and climate information – from the global scale to the community level.

The Foundation

Provide superior decision support and foundational information services

NWS will use our unique, local relationships with Core Partners to help them to better prepare our communities for extraordinary events.

Empower our workforce

Emergency Response Specialists are accessible on-site and through remote technologies to provide Impact-based Decision Support Services; workforce is trained and equipped to meet society's evolving needs.

Invest in Science and Technology

NWS utilizes state-of-the-art technology and cuttingedge science to provide the best service possible.

Science and Technology Plan

NWS will empower the agency's science and technology investments through six priority capabilities:

- ✓ Situational Awareness
- ✓ Numerical Guidance

- ▼ Forecast Confidence
- ✓ Forecast Knowledge Management
- ✓ IT Infrastructure
- ✓ Research to Operations (and O2R)

Business Plan

The Business Plan establishes a framework that empowers NWS to accomplish its Services, Workforce, and S&T goals:

Be Sustainable

- Operate within budget
- ✓ Increase value of and demand for services

Be Flexible and Agile

- Change management/workforce
- New Services
- New Science and Technology

Increase Value/Demand

Adapt services to customer requirements

Leverage Science and Technology

NOAA/NWS Strategic Plan Business Plan How NWS operates Services Workforce S&T How NWS meets user needs People who make everything happen S&T that enables services

For additional information, please contact the WRN Roadmap Team at nwsroadmap@noaa.gov

Workforce Plan

NWS will equip and train its workforce to meet the evolving needs of the Nation

- Updating staffing profiles
- Developing training programs
- Developing workforce diversity programs
- Diversity of disciplines and cultures, recruitment, on-boarding personnel, retention, and career and succession planning
- ✓ Improving Work Environment
- ✓ Work-life balance; flexible and adaptable work schedules