

## Building a Weather-Ready Nation

### Know your risk.

Hurricanes, droughts, tornadoes, snow storms, flooding—severe weather impacts every part of the country. The first step to becoming **weather ready** is to understand your weather risk.

### Take action.

Be a Force of Nature by making sure that you and your family are prepared for severe weather. Create a disaster supplies kit and make sure that you can receive emergency messages.

### Be an example.

Be a positive influence on your community by sharing your weather preparedness story and by letting your friends and family know what you did to become **weather ready**.

## NWS Employees Help Ensure Public Safety



The NWS employs a variety of scientific and technical professionals to meet its mission to protect lives. Learn more at: [www.weather.gov/careers](http://www.weather.gov/careers)



Careers in **Meteorology**



Careers in **Hydrology**



Careers in **Physical Science**



Careers in **Information Technology**



Careers in **Electronics Maintenance**



Careers in **Operational Support**

## CONNECT

Follow the NWS on social media @nws



Or visit [www.weather.gov/socialmedia](http://www.weather.gov/socialmedia) to find your local office!

## Your National Weather Service



Provides weather, water, and climate data, forecasts and warnings for the protection of life and property and enhancement of the national economy

# Observations

Quality data observations are the foundation of the forecast process and are an integral component of numerical weather prediction. Billions of observations are collected each day from a vast array of observing platforms, such as satellite, radar, radiosonde (weather balloons), aircraft-based observations, and near-ground sensors.



satellites  
aircraft  
radiosondes  
radar  
weather stations



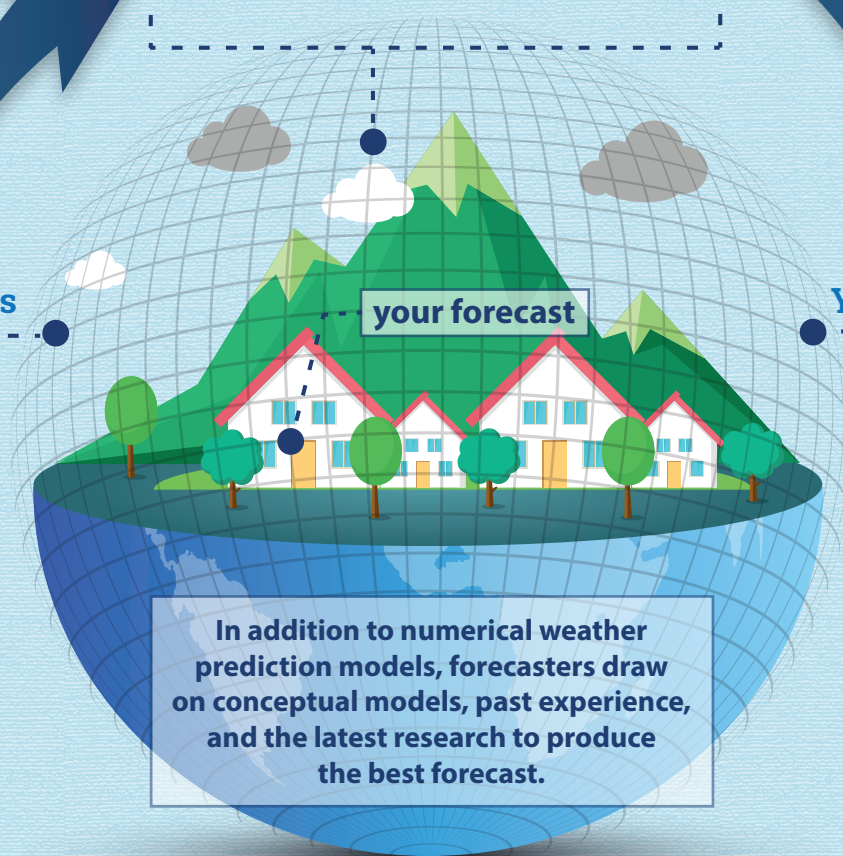
# Forecasting



numerical  
weather  
prediction



scientific  
expertise



In addition to numerical weather prediction models, forecasters draw on conceptual models, past experience, and the latest research to produce the best forecast.

# Decision Support

NWS provides Impact-based Decision Support Services (IDSS) to emergency managers and other government agencies. IDSS helps these government partners make better weather, water, or climate decisions that directly affect local communities.



**Your Forecast is Only  
the Starting Point**

briefings  
partnerships  
outreach  
watches  
warnings

