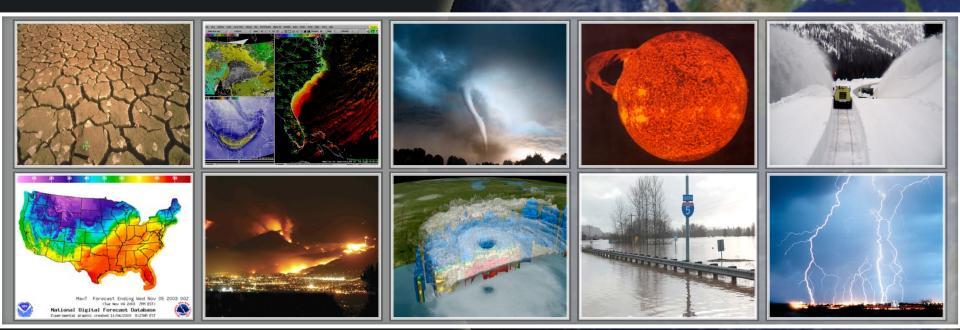
Midwestern Higher Education Compact Preparing Colleges/Universities StormReady/Decision Support Services



Jim Kramper

Warning Coordination Meteorologist National Weather Service, St. Louis, MO

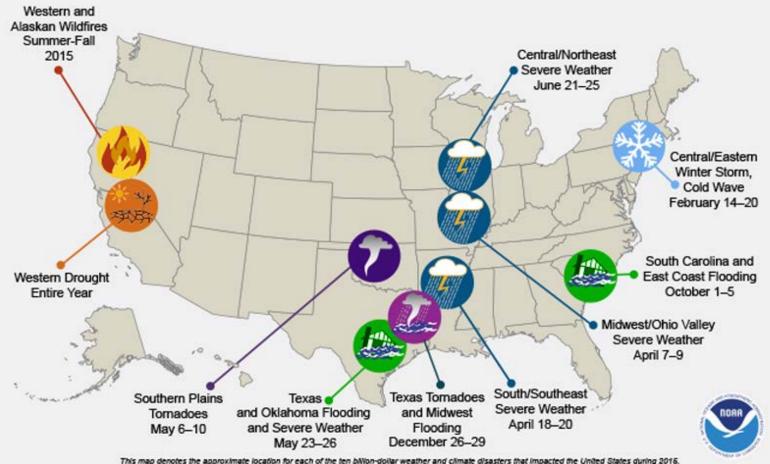
Extreme Weather

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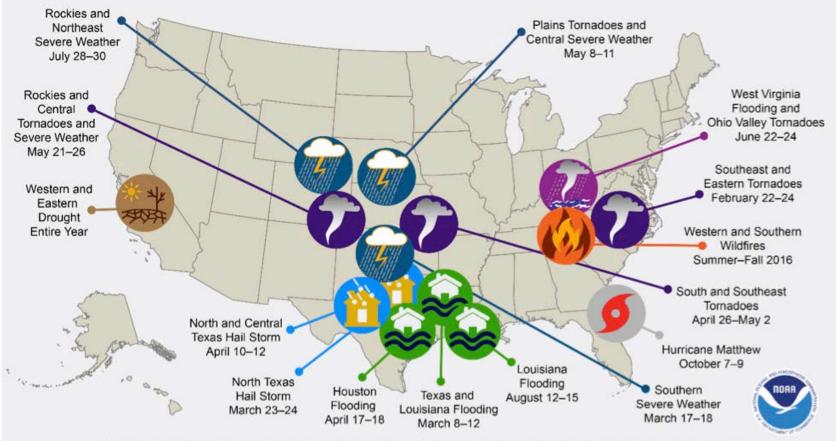
The Many Disasters of 2015

U.S. 2015 Billion-Dollar Weather and Climate Disasters



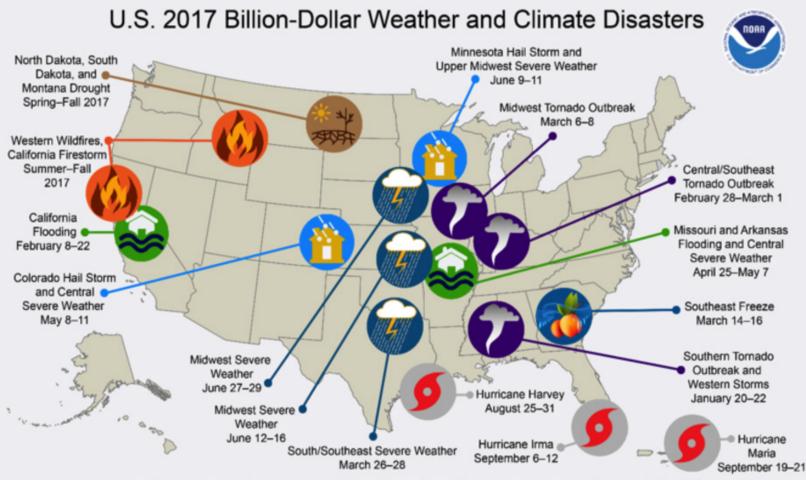
The Many Disasters of 2016

U.S. 2016 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the 15 billion-dollar weather and climate disasters that have impacted the United States during 2016.

The Many Disasters of 2017



This map denotes the approximate location for each of the 16 billion-dollar weather and climate disasters that impacted the United States during 2017.

Increasing Vulnerability

Becoming Weather-Ready is about building resilience in the face of increasing vulnerability to extreme weather.

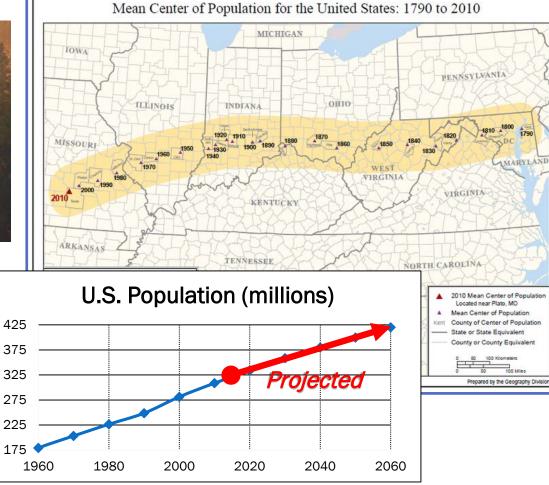






A Changing World







Becoming Weather-Ready

- Preparation
 - Planning
 - Communication
 - Infrastructure
 - Training







StormReady

- Developed in Mid 90s
- Joint effort: Emergency Management and NWS
- Framework
- Recognition





- Warning Reception
 - NOAA Weather Radio
 - Television/Cable
 - Internet
 - Wireless





- Communication/Relay of Warning
 - Public Address
 - Siren
 - Email/Text Blast
 - Video Boards





Hazardous Weather Response Plan

- Print/Electronic
- Available for Viewing





- Sheltering Location
 - Review all buildings/facilities
 - Structural engineer





- Preparedness
 - Annual Activity
 - Safety Fair
- Drills
- Distribute Safety Material





StormReady

- Application
 - StormReady web site
- Contact your local NWS office
 - Warning Coordination Meteorologist (WCM)





- We need partners' help in transforming society to become:
- Ready, Responsive, and Resilient
- A Weather-Ready Nation requires our entire society to improve the way it incorporates weather information into decision making.



• SOCIETAL RESPONSE EQUAL TO RISK •

What it takes to be a WRN Ambassador:

- Be an example
- Promote Weather-Ready Nation messages
- Provide incentives to constituents, stakeholders
- Share your success stories





Lewis County EMA





READY • **RESPONSIVE** • **RESILIENT**



Drury Hotels Costco **General Dynamics Paramount Pictures** Simon Property Group **Federal Express Miami Dolphins Daytona International** Speedway **Ryder Cup**



Arkansas State Brigham Young Boise State Cornell University Gonzaga University Indiana University Kansas State Michigan State Oklahoma State Purdue University South Dakota State Syracuse University University of: Florida Georgia Guam Kentucky Maine Missouri Michigan Nebraska Tennessee Texas Vermont



Decision Support Service (DSS)

NWS will provide direct support for large, primarily outdoor events:

- Contact local office and request support
- NWS will provide a daily briefing (if requested) of the expected weather
- NWS will maintain a weather watch and call the POC if weather approaches

Decision Support Service (DSS)

NWS will provide direct support for large, primarily outdoor events:

NWS will provide on-site support as requested

READY • **RESPONSIVE** • **RESILIENT**





Midwest Higher Education Pact Preparing Colleges/Universities StormReady/Decision Support Services

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