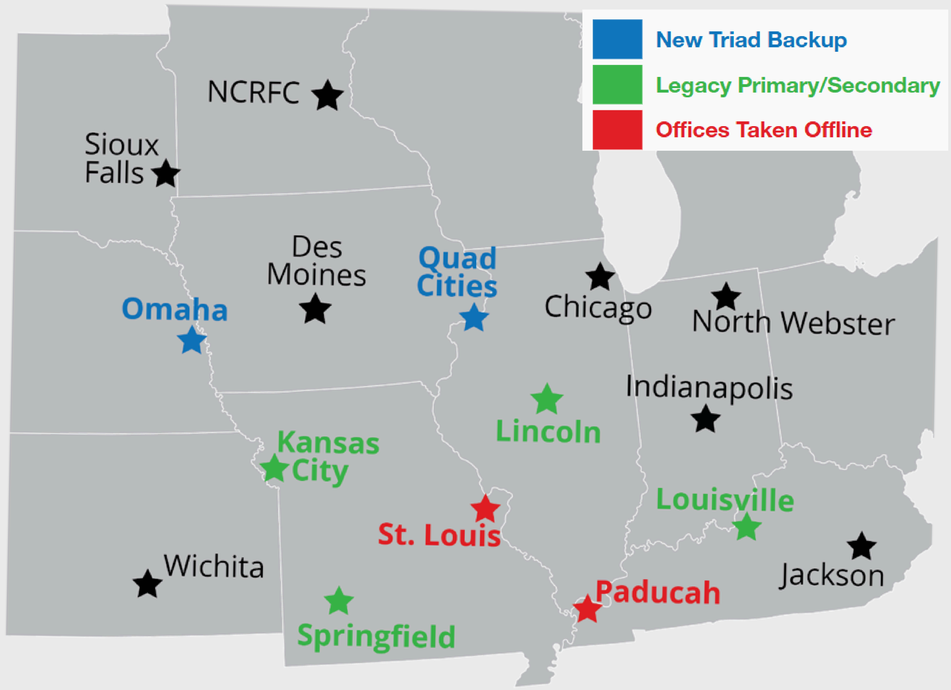
NWS Tests Procedures, Plans, and Back-up Capability with New Madrid Seismic Zone (NMSZ) Exercise

AUTHORS

Stephanie Sipprell, NOAA NWS Central Region Headquarters, Kansas City, MO
Chris Franks, NOAA NWS Office of Communication, Omaha, NE
Ronald Steve, NOAA NWS Weather Forecast Office, Louisville, KY



"PLAN for the possible, while also actively PREPARING for the probable."

– Brian Blake, Executive Director, Central U.S Earthquake Consortium

New Madrid Research

7+ Million People Impacted
85,000 Injured
3,500 Deaths
2M Seek Shelter
3600 Bridges Damaged
$300B Event

Objectives

1. Identify and discuss plans & procedures.
2. Assess the ability of the NWS to supply multiple day remote and on-site IDSS all partners.
3. Assess the capability for multiple WFOs to invoke the first two phases of their COOP & production of traditional products/services and on-demand IDSS.
4. Assess the ability to communicate/collaborate effectively.
5. Utilize the ICS at the local and regional offices.

Exercise Overview

Event Type
Functional Exercise and Tabletop Discussion

Exercise Date
October 18-19, 2023

Duration
8 hours over two days (4 hours each)

Gaps & Recommendations

- Staffing models to help prioritize on-site support to partners
- Focus on physical and mental health and well-being
- Regional resources for disaster response and recovery Improve access to information

Key Outcomes

- Mutual Aid
- Non-traditional Communication Platforms
- Whole Office Concept ("All Hands On Deck")
- ICS Structure (or other structured staffing model) Minimum IC and PIO, build out as needed