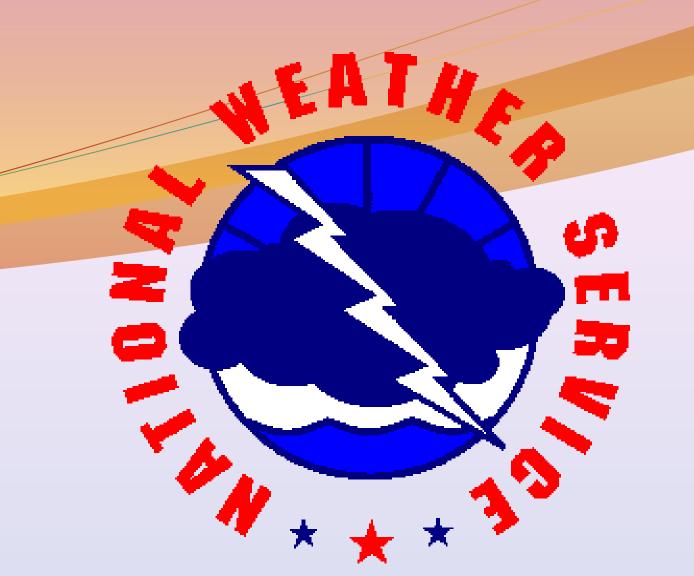


A Rare Ice Storm in the Intermountain Western U.S.:

Societal Impacts



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09 January 2017 Ice Storm

- > On Monday, 09 January 2017, an extremely rare ice storm impacted Western Colorado and Eastern Utah, including:
- La Plata, Garfield, Routt, and Mesa counties in Western Colorado
- Grand County in Eastern Utah
- > Occurred on the first school day after the winter break with freezing rain falling just before classes started
- > The ice storm that impacted the area had not been seen by long-time residents in over 50 years





Image 2: Freight truck on median of Interstate 70 near Grand Junction, CO

Societal Impacts

- > Numerous roads and highways were shut down due to icy conditions and accidents
- Local schools across Mesa County were forced to delay and eventually cancel classes
- Hundreds of accidents occurred across the area

1400-1600 MST

1423: Updated information sent to CR-ROC

roads could re-freeze overnight

• 1436: Ice Storm Warning cancelled for the Grand Junction area

1519: Social media post sent that mentioned the potential that

34 degrees at the Grand Junction airport with ice melting. Rain likely

Ice Storm Assessment

this evening, watch for icy spots to redevelop overnight. #cowx

1543: Media interviews provided to TV news media

NWS Grand Junction @NWSGJT · Jan 9

- Medical centers were overwhelmed by the sudden increase of requests for services
- > Over 200 people were admitted to emergency rooms for injuries such as broken hips, arms, and fingers
- Extended power outages experienced in several cities
- Grand Junction Regional Airport was shut down for 3 hours

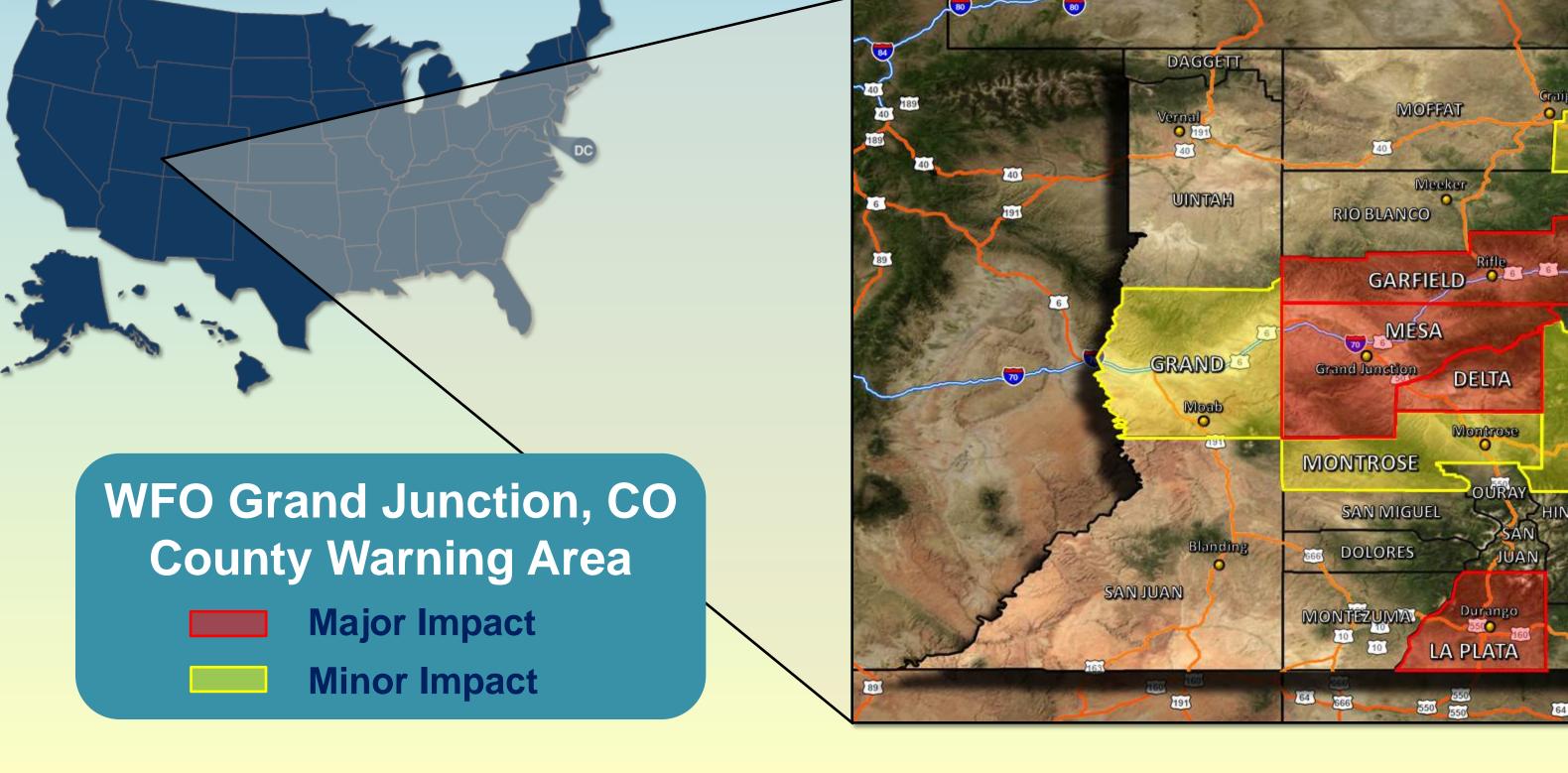




Decision Support Services (DSS)

- > Abundance of media interviews conducted during and after the ice storm with local and regional TV stations, newspapers, and radio broadcasters
- Numerous phone briefings provided to Emergency Managers (EMs), state and local Emergency Operations Centers (EOCs), school districts, airport operators, and Departments of Transportation (DOTs)
- Dozens of posts to social media which provided updated weather information and highlighted the severity of the ice storm





Findings and Recommendations

completed by NWS



- Rarity of freezing rain events can lead to lack of awareness
- Recommended adjusting local office policy to use "Ice Storm" Warning" designation for all freezing rain events
 - Integrate more flexibility and/or contingency staffing; shift routine responsibilities amongst forecasters
- Improve situational awareness by monitoring local media
- Stress confidence level to Core Partners during briefings