Best Practices for a Common Operating Picture: Severe Storm Damage in Northwestern WI

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The Unfolding of our first Common Operating Picture

- Torrential rains and flash flooding start in the middle of the night July 12, 2016.
- Governor Walker Declares State of Emergency on July 12, 2016.
- Presidential Declaration on August 9, 2016 for 9 Wisconsin counties and the tribal nation of Bad River Band of Lake Superior Chippewa.
- Set up AGOL web app accessible to all – starting to get road closure data, first Story Map Tour with ground images.
  - Created road closed lines and points.
  - Additional need for detour lines and caution areas.
Moving Forward - ONE link!

$24,383,950.97

vs. 15 links:
1 COP link,
13 Story Map Tours
1 Damage Assessment Dashboard
Outcomes Achieved in Implementation

• WEM had a COP for the first time! Used during briefings to help connect field staff with the SEOC.

• Collector App used for Damage Assessments for the first time!

• Efficiently incorporated over 450 images.

• Incorporated data from other State and Local Agencies through web feature services.
  • e.g: DHS hospital, assisted living and nursing home facilities - Road to the nearest hospital was closed. Needed to reroute traffic. Fly out Bad River Band patience for dialysis.

• Simultaneously maintained paper maps for Governor Walker’s survey flights.
Take-Away Message

• Keep it simple - Use just one Map Journal Style with multiple tabs as container for all Apps > one link!

• Need to update SOP to WEM and ICS Standards
  - No more independent GIS judgements. (e.g. flight paths, photo releases)

• Email local GIS staff immediately with heads up and data link. Ask for data if they are creating.
  - Find the right person - county LIO may not be doing the work (e.g. Bayfield County.)

• Continue to connect our different agencies’ data. DOT uses Google Earth, State Patrol uses 511