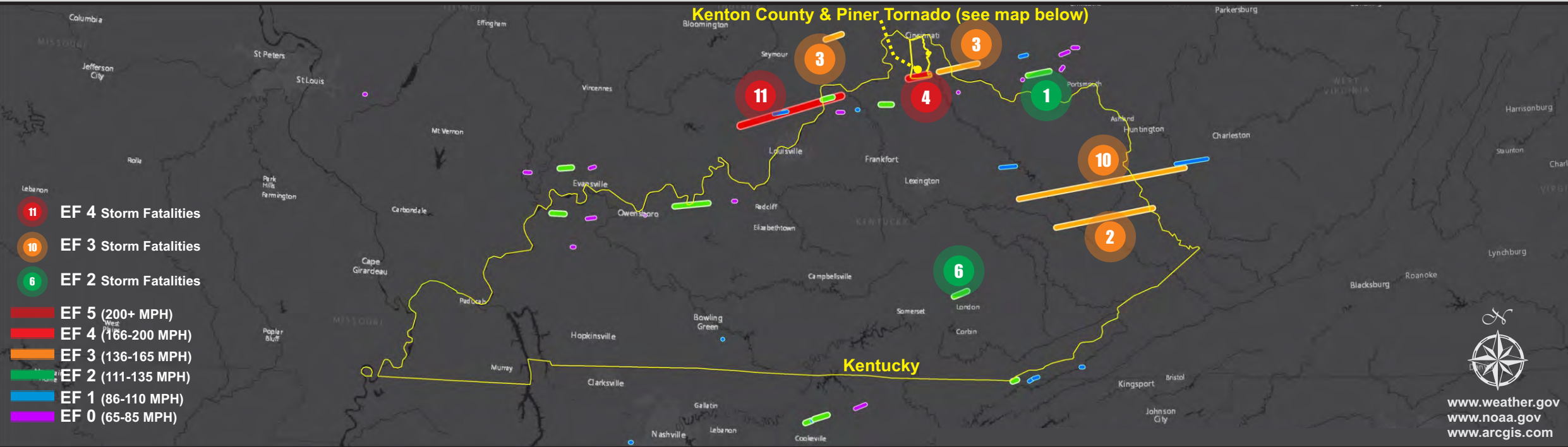
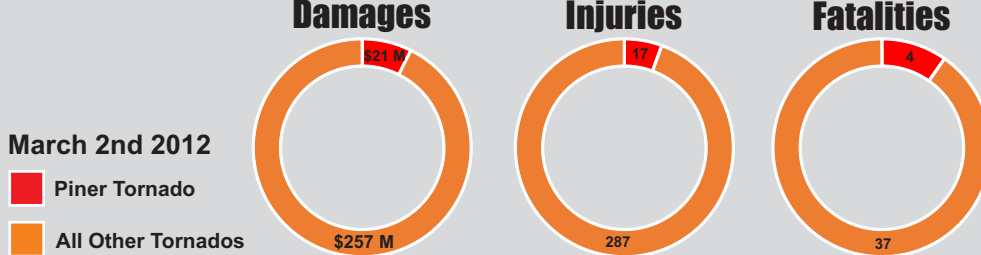
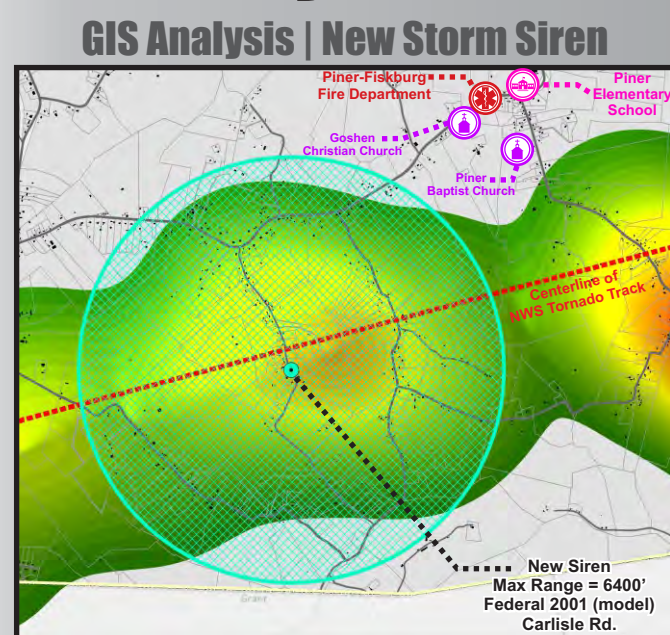


# Piner KY Tornado 2012

## Tornado Outbreak - Kentucky 03.02.2012



### Recovery Outcomes

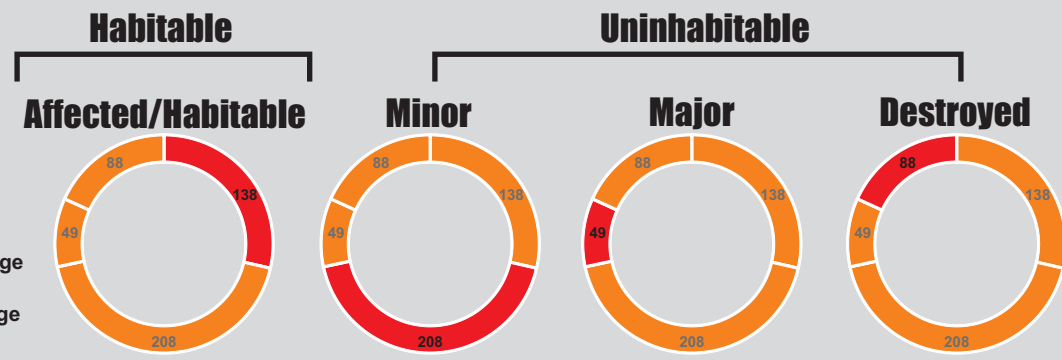
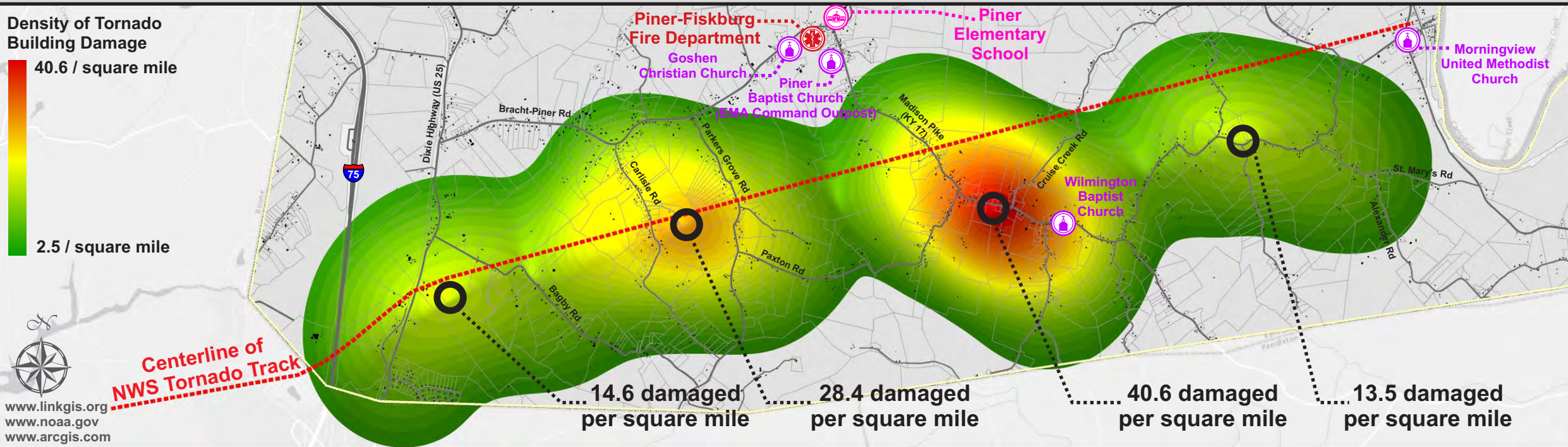


GIS buffer analysis for existing storm warning siren system; gaps were identified and viewshed analysis was used to maximize the site selection for new storm warning siren.

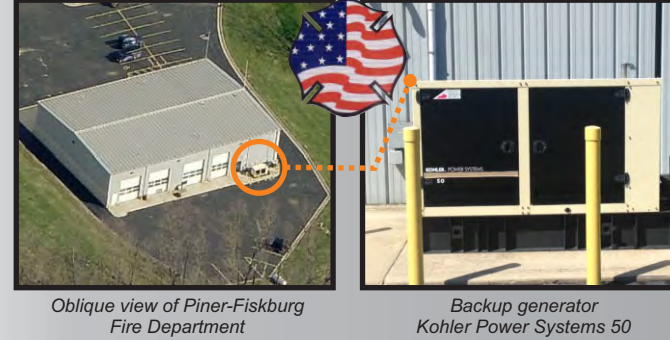
### The Storms

- Three major tornadoes were confirmed in the outbreak. The last time this happened locally on the same day was on April 3, 1974.
- March 2, 2012 now stands as the deadliest severe weather day in the Tri-State (OH, KY, IN) since official NWS records began in 1950.
- The Piner Tornado was initially ruled an EF 3. After further storm damage inspection, a portion of the tornado track was ruled an EF 4.

### Piner Tornado Track 03.02.2012

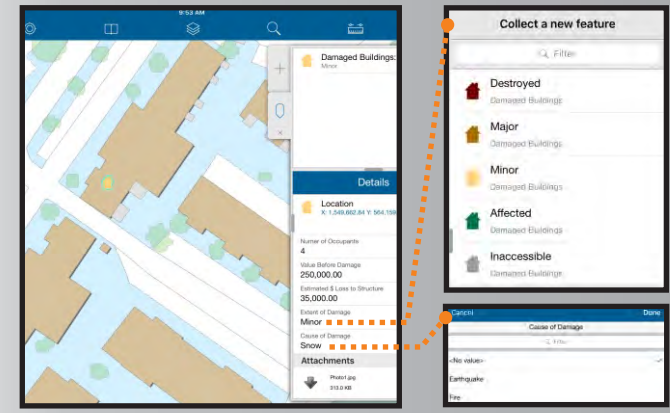


### Piner-Fiskburg Fire Dept. | DHS Grant



Kentucky Department of Homeland Security grant award of \$44,000 to purchase backup generator, a need that was identified during the March 2nd response. Generator installed in January of 2013, and capable of sustaining the fire dept. at 100% power during prolonged power outage periods.

### Tablet-based GIS | Damage Assessment Forms



New tablet-based forms (iPad shown) let first responders record field damage without paper forms. The digital forms are GIS-based and use ArcGIS Online and Collector for ArcGIS.