Kentucky and Tennessee Tornadoes – December 2023

Assessment Period: December 9-11, 2023

Publication Date: December 19, 2023

USDA NASS
Disaster Monitoring Team





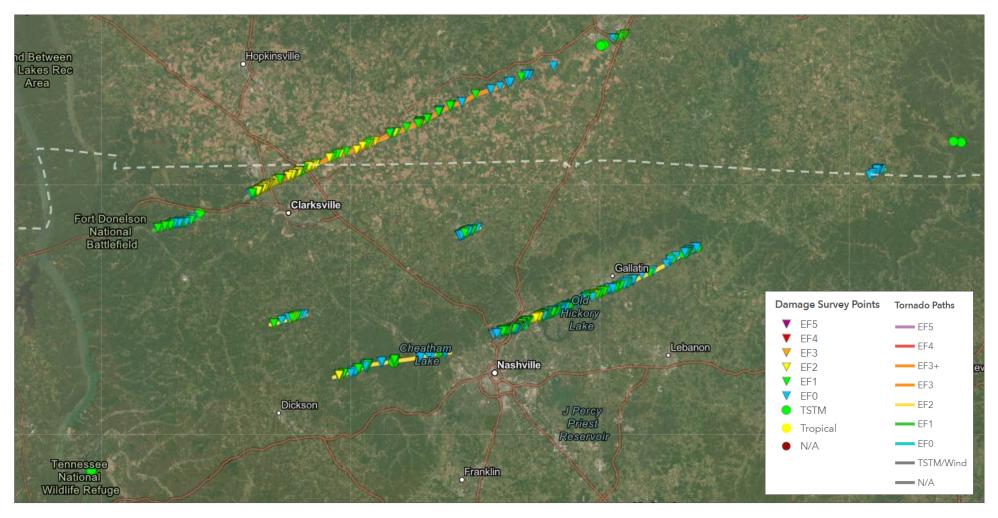
Event Summary

- Timeframe: December 9-11, 2023
- Location: Kentucky & Tennessee, U.S.
- Event: Strong storm system and tornadoes (https://www.weather.gov/lmk/2023Dec09 SevereWeather)
 - Tornadoes of note include an EF1 tornado near Dresden, TN, an EF2 tornado in Hendersonville, TN, and an EF3 tornado in Clarksville, TN.
 - Tornadoes killed at least six people and injured 72 others.
- Crops Affected: While most crops have been harvested for 2023, most 2024 winter wheat has been planted and is emerged at this time (https://www.nass.usda.gov/Charts and Maps/Crop Progress & Condition/index.php).





December 9, 2023: Tennessee-Kentucky Tornadoes



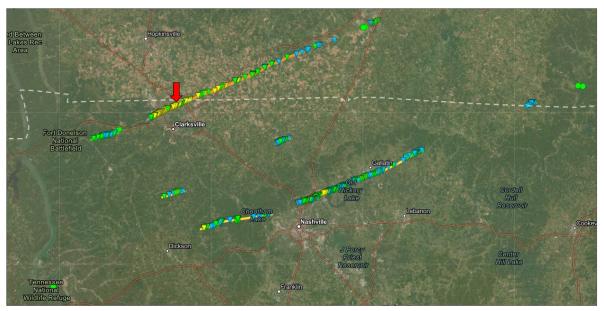


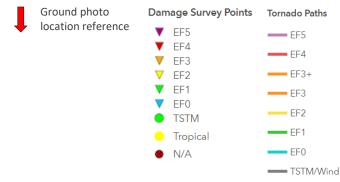




Clarkesville, TN: Damage to Crop Field







--- N/A

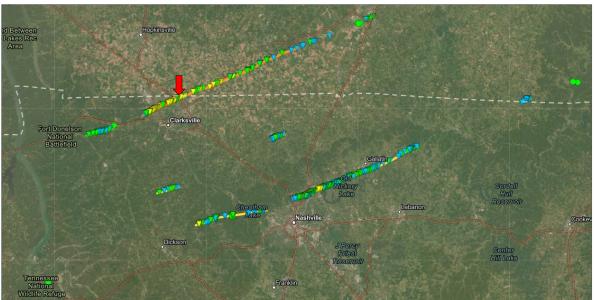


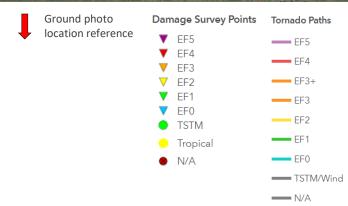
Ground Photo and Preliminary Storm Track Data Source: NOAA/National Weather Service - ArcGIS - December 9, 2023 - Middle Tennessee Tornadoes



Clarksville, TN: Damage to Metal Building









Ground Photo and Preliminary Storm Track Data Source: NOAA/National Weather Service - ArcGIS - December 9, 2023 - Middle Tennessee Tornadoes



Guthrie, KY: Damage to Trees in Crop Field



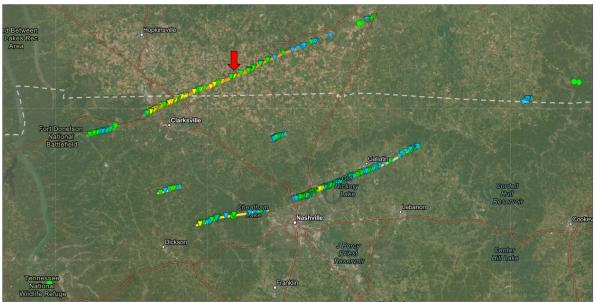


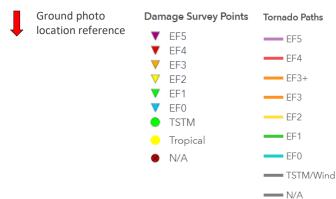
Ground Photo and Preliminary Storm Track Data Source: NOAA/National Weather Service - ArcGIS - December 9, 2023 - Middle Tennessee Tornadoes



Allensville, KY: Debris in Crop Field







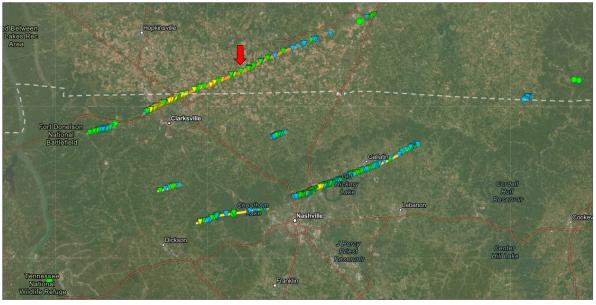


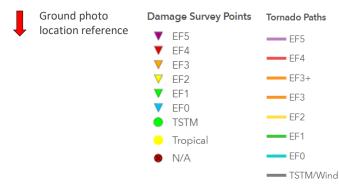
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Olmstead, KY: Damage to Small Barn or Farm Outbuilding







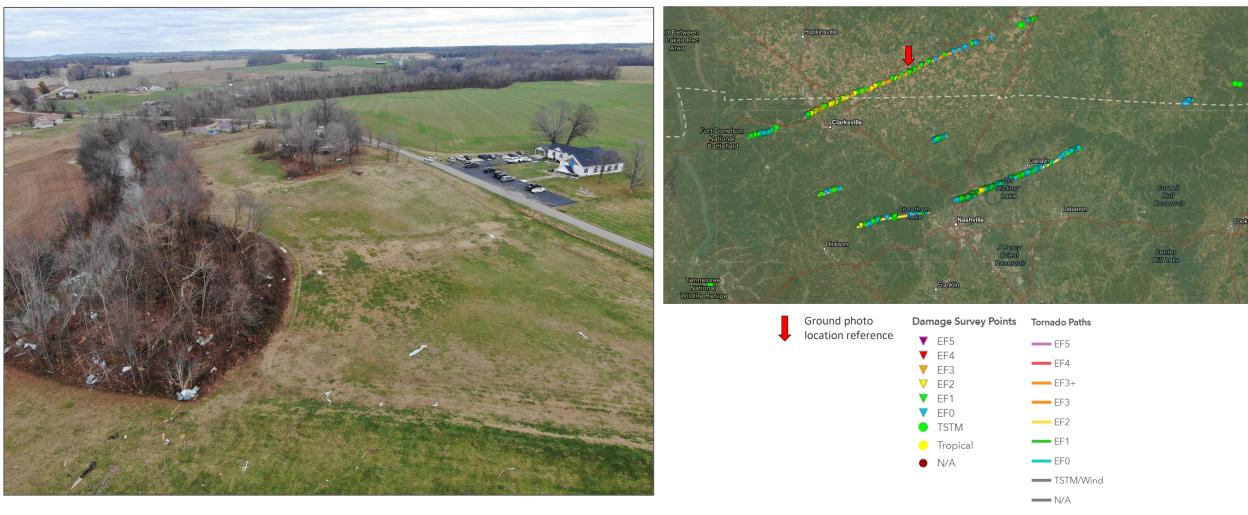
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Ground Photo and Preliminary Storm Track Data Source: NOAA/National Weather Service - ArcGIS - December 9, 2023 - Middle Tennessee Tornadoes



Olmstead, KY: Damage near Agricultural Area





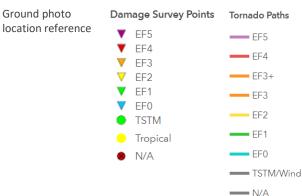
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Russellville, KY: Damage to Small Barn or Farm Outbuilding







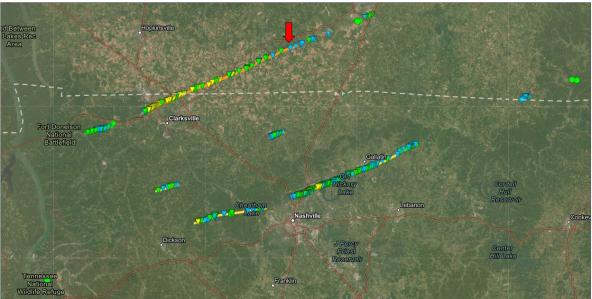


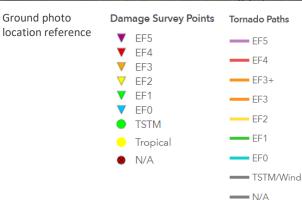
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Auburn, KY: Damage to Small Barn or Farm Outbuilding







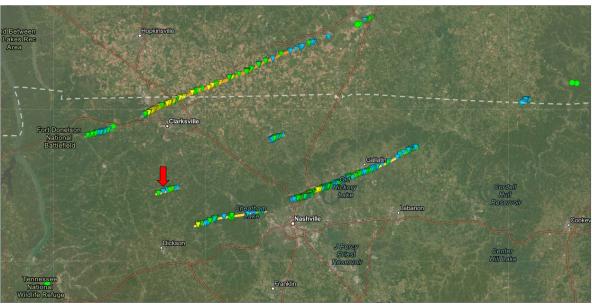


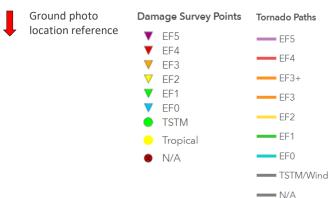
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Cumberland Furnace, TN: Damage to Small Barn or Farm Outbuilding









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Clarkesville, TN: Satellite Image of Damage to Crop Field



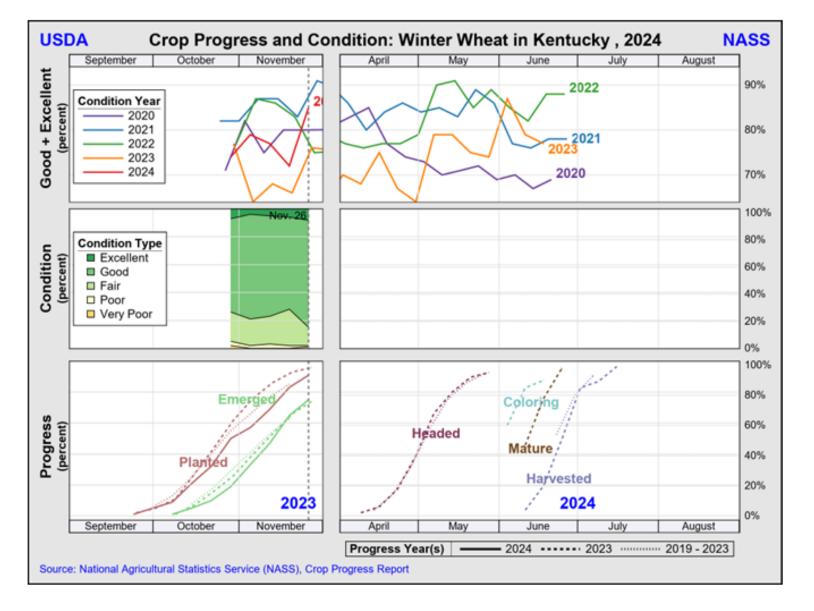






Imagery Sensor: Sentinel-2, Level 2-A (*Product Source - Microsoft Planetary Computer Hosted on ESRI Living Atlas*)



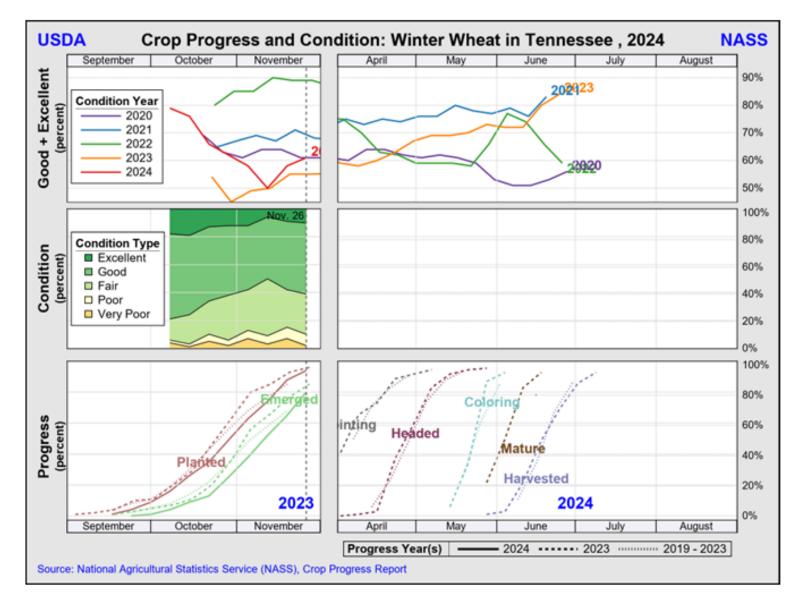




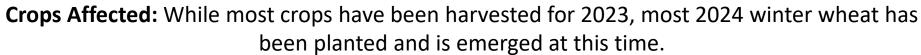
Crops Affected: While most crops have been harvested for 2023, most 2024 winter wheat has been planted and is emerged at this time.

https://www.nass.usda.gov/Charts and Maps/Crop Progress & Condition/2024/index.php









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