

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

ALABAMA, Central

SUMTER COUNTY --- 3.2 NNW PERSIMMON GROVE [32.36, -88.09]				
	12/16/19 19:56 CST		0	Thunderstorm Wind (EG 50 kt)
	12/16/19 19:56 CST		0	Source: Fire Department/Rescue

Several trees uprooted in the community of Whitfield, along County Road 42.

MARENGO COUNTY --- 3.8 SSW DEMOPOLIS MUNI ARPT [32.42, -87.98], 2.7 ENE DEMOPOLIS MUNI ARPT [32.48, -87.91]				
	12/16/19 20:07 CST		0	Tornado (EF2, L: 5.95 mi , W: 350 yd)
	12/16/19 20:16 CST	3	0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in extreme northwest Marengo County and determined that it was consistent with an EF2 tornado, with maximum sustained winds near 120 mph.

The tornado first touched down along County Road 28 where minor tree damage was noted on the east side of the road. The tornado tracked northeast over mainly forested areas of Marengo County for several miles producing sporadic tree damage. The tornado widened and strengthened rapidly as it continued northeast toward Highway 80. The tornado reached its widest point near Highway 80. Substantial tree damage was noted on both the north and south sides of Highway 80 along and near the intersection of County Road 57. A home sustained roof damage along County Road 57. On the north side of Highway 80, property and structural damage was extensive. Several homes sustained roof and structural damage. One brick home sustained complete roof loss and partial wall collapse.

Just east of that location, a single-wide and double-wide manufactured home on the same property were completely destroyed with the undercarriage of both blown a substantial distance. Inspection of both dwellings indicated little to no anchorage of the structures. Three people were reported injured at this location with one being airlifted for more serious injuries. Tree damage in this area was extensive with large old growth hardwoods snapped. The combination of the damage to the conventional brick home, along with the tree damage and manufactured home destruction, prompted the maximum wind rating of 120 mph. The tornado continued its northeast movement damaging additional structures north of Highway 80 before narrowing and weakening south of the Sumter County line, just west of downtown Demopolis.

HALE COUNTY --- 5.7 SSW HOGGLESVILLE [32.77, -87.49], 4.6 S HOGGLESVILLE [32.78, -87.47]				
	12/16/19 21:03 CST		0	Tornado (EF0, L: 1.52 mi , W: 220 yd)
	12/16/19 21:05 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in eastern Hale County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.

The tornado touched down along County Road 32 in eastern Hale County where a few pine trees were uprooted. The tornado tracked northeast and crossed into Perry County about one-half mile south of Massengale Road.

PERRY COUNTY --- 3.8 NW MORGAN SPGS [32.78, -87.47], 4.6 N MORGAN SPGS [32.82, -87.42]				
	12/16/19 21:05 CST		0	Tornado (EF0, L: 3.83 mi , W: 300 yd)
	12/16/19 21:12 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in northwest Perry County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 80 mph.

This is a continuation of a tornado path that began in Hale County. The tornado entered Perry County about one-half mile south of Massengale Road. The tornado tracked northeast across Fellowship Cemetery Road and Little Brush Creek and dissipated just east of County Road 29. At least one hundred trees were snapped or uprooted along the path.

BIBB COUNTY --- 3.6 NNE VICK [32.98, -87.05], 2.4 S SIX MILE [32.99, -87.00]				
	12/16/19 21:49 CST		0	Tornado (EF0, L: 3.12 mi , W: 200 yd)
	12/16/19 21:55 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in east central Bibb County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 70 mph.

The tornado began northeast of the city of Centreville in an inaccessible area east of Gary Springs Loop Road, where a well-defined tornado debris signature was observed by the KBMX radar. The tornado tracked eastward and crossed County Road 57 and Pine Tree Road before dissipating near Tucker Road. A few trees were uprooted along the path.

CHILTON COUNTY --- MAPLESVILLE [32.78, -86.88]				
---	--	--	--	--

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/16/19 21:54 CST		0	Thunderstorm Wind (EG 50 kt)
	12/16/19 21:54 CST		0	Source: Law Enforcement

Several trees uprooted in the town of Maplesville.

BIBB COUNTY --- 1.4 NW BRIERFIELD [33.04, -86.94], 1.8 NE BRIERFIELD [33.05, -86.90]

	12/16/19 22:00 CST		0	Tornado (EF1, L: 2.60 mi , W: 300 yd)
	12/16/19 22:04 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in east Bibb County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 90 mph.

The tornado began on the eastern edge of Brierfield Ironworks Park where several trees were uprooted. The tornado continued eastward and crossed State Route 139. At this location, dozens of trees were snapped and uprooted in the immediate vicinity of Mahan Creek. The tornado tracked eastward and damaged a barn on the Bridlewood Farms property before dissipating just west of County Road 1053.

CHILTON COUNTY --- JEMISON [32.95, -86.75]

	12/16/19 22:03 CST		0	Thunderstorm Wind (EG 50 kt)
	12/16/19 22:03 CST		0	Source: Law Enforcement

Several trees uprooted in the town of Jemison.

SHELBY COUNTY --- 1.7 SW SOUTH NEWALA [33.09, -86.84], 0.7 E SOUTH NEWALA [33.10, -86.81]

	12/16/19 22:07 CST		0	Tornado (EF0, L: 2.29 mi , W: 200 yd)
	12/16/19 22:12 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in southwest Shelby County near the town of Montevallo and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 80 mph.

The tornado began on the southeast side of Montevallo along Clay Pit Road, where an outbuilding was destroyed and two manufactured homes suffered minor damage. As the tornado tracked northeast crossing State Route 155, a deputy sheriff observed the tornado and was blown off the road in his vehicle. There were also dozens of trees uprooted or snapped, and one house suffered minor roof damage. The tornado continued northeast and produced additional tree damage as it crossed State Highway 25. The tornado dissipated shortly after crossing County Road 23.

COOSA COUNTY --- 0.5 SSE MARBLE VLY [33.04, -86.45]

	12/16/19 22:30 CST		0	Thunderstorm Wind (EG 50 kt)
	12/16/19 22:30 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed near County Road 56 and Marble Valley Road.

TALLAPOOSA COUNTY --- 0.2 NE SESSIONS [32.93, -85.75]

	12/16/19 23:30 CST		0	Thunderstorm Wind (EG 50 kt)
	12/16/19 23:30 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed along Horseshoe Bend Road.

A very warm and moist air mass developed over Central Alabama on Monday, December 16th. Afternoon temperatures warmed into the lower and middle 70s, which was 15 to 20 degrees above normal for the middle of December. A surface low tracked north of Alabama Monday night and pushed a strong cold across the state. Several bands of strong to severe storms developed across Mississippi during the afternoon and moved into west Alabama that evening. Most of the severe weather damage across Central Alabama was associated with a long track supercell that started in Mississippi and tracked into southwest Alabama. The supercell entered southern Sumter County and tracked northeast to Shelby County.

ALABAMA, North

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

	12/10/19 12:00 CST		0	Winter Weather
	12/10/19 23:55 CST		0	

Rain mixed with and changed to snow during the afternoon into the evening hours. Snowfall accumulations ranged from under 1/2 inch

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
to nearly 2 inches in north Alabama. Temperatures were near or just above freezing during the snowfall. Thus, much of the accumulation occurred on grassy or elevated surfaces.				
<hr/>				
COLBERT COUNTY --- 1.5 NNE MALONES [34.74, -88.09]	12/16/19 16:34 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:34 CST		0	Source: Emergency Manager
Multiple trees were knocked down near Allsboro, two miles south of U.S. Highway 72.				
<hr/>				
COLBERT COUNTY --- 2.4 ESE PRIDE [34.71, -87.78]	12/16/19 16:42 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 16:42 CST		0	Source: Emergency Manager
A tree was knocked down on Old Memphis Pike.				
<hr/>				
COLBERT COUNTY --- 2.2 NE CROOKED OAK [34.60, -87.77]	12/16/19 16:48 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:48 CST		0	Source: Emergency Manager
Trees were knocked down on Claunch Loop and Ligon Springs Road.				
<hr/>				
COLBERT COUNTY --- 0.3 NNW RED ROCK [34.70, -87.87], 0.8 NE RED ROCK [34.71, -87.86]	12/16/19 16:50 CST		0	Tornado (EF1, L: 0.68 mi , W: 75 yd)
	12/16/19 16:52 CST		0	Source: NWS Storm Survey
A brief tornado touched down along Patrick Lane just west of Red Rock Road, crossed northeast and lifted back up in a grove of trees just behind a house. The worst damage was in this grove of trees, where some tree trunks were snapped.				
<hr/>				
COLBERT COUNTY --- 0.9 NE SPRING VLY [34.66, -87.62]	12/16/19 16:51 CST		0	Thunderstorm Wind (EG 61 kt)
	12/16/19 16:51 CST		0	Source: NWS Storm Survey
A house under construction partially collapsed.				
<hr/>				
COLBERT COUNTY --- 2.8 SW COLBERT HGTS [34.64, -87.73], 2.6 SSE HOBGOOD SIDING [34.69, -87.61]	12/16/19 16:52 CST		0	Tornado (EF2, L: 8.18 mi , W: 250 yd)
	12/16/19 17:01 CST		0	Source: NWS Storm Survey
<p>The damage path began on Underwood Mountain Road where several small hardwood trees were snapped. Tree damage continued on a northeast track onto County Farm Road where several large hardwood trees were both snapped and uprooted. More extensive damage was seen along Lynn Drive, Thomas Road, and Woodmont Drive where several residential structures sustained at least minor roof damage and many large hardwood trees were uprooted and snapped. At least three sheds were heavily damaged and metal roofing materials were lifted into trees or blown downstream. Tree damage continued on a path to Foster Nolen Road, where the most extensive damage occurred. Significant roof damage was observed on at least three single family homes. A roof was completely blown off of a brick single family residence, where bricks were blown off the western facing wall and several windows were blown out. A camping trailer was overturned and several small sheds were destroyed. Extensive tree damage was seen with many large hardwood trees uprooted and snapped near the base. There was evidence suggesting the tornado cycled around this location before continuing east.</p> <p>Tree damage continued along US-43 where several hardwood trees were snapped. Four trailers were overturned at the Longhorn R Arena off of 3 Mile Lane and several large hardwood trees were uprooted. Extensive shingle damage occurred at one brick single family residence on the eastern side of 3 Mile Lane. Tree damage continued along the path through Gargis Lane, where branches were snapped on a few smaller hardwood trees. Additional damage was found along Alabama Highway 20. A tin barn was destroyed behind a house, and some shingle/roof damage and tree damage was observed.</p>				
<hr/>				
COLBERT COUNTY --- 0.7 S COLBERT HGTS [34.66, -87.70]	12/16/19 16:55 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:55 CST		0	Source: Public
Trees were knocked down near Colbert Heights Daycare.				

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COLBERT COUNTY --- COLBERT HGTS [34.67, -87.70]				
	12/16/19 16:56 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:56 CST		0	Source: Emergency Manager
Trees were knocked down on Woodmont Drive and Milk Springs Road.				
LAUDERDALE COUNTY --- 2.0 S OAKLAND [34.80, -87.78]				
	12/16/19 16:56 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:56 CST		0	Source: Amateur Radio
A power pole was knocked down on the road with live wires at the intersection of CR 4 and CR 137.				
COLBERT COUNTY --- 0.1 S SHEFFIELD [34.77, -87.70]				
	12/16/19 16:58 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:58 CST		0	Source: Emergency Manager
Trees were knocked down on West 10th Street and North Raleigh Avenue.				
LAUDERDALE COUNTY --- 0.7 N OAKLAND [34.84, -87.78]				
	12/16/19 16:58 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 16:58 CST		0	Source: Emergency Manager
Power lines were knocked down in the road on CR 137. Time estimated by radar.				
LAUDERDALE COUNTY --- 1.3 WNW OAKLAND [34.84, -87.80]				
	12/16/19 16:58 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 16:58 CST		0	Source: Emergency Manager
A tree was knocked down in the road at CR 14 and CR 15, causing a vehicle wreck at that location. Time estimated by radar.				
COLBERT COUNTY --- 2.3 NE SPRING VLY [34.67, -87.60]				
	12/16/19 16:59 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 16:59 CST		0	Source: Emergency Manager
A tree was knocked down on Ricks Lane.				
LAUDERDALE COUNTY --- 0.6 WSW PETERSVILLE [34.85, -87.69]				
	12/16/19 17:02 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:02 CST		0	Source: Emergency Manager
A power line was knocked down on Cloverdale Road around Heathrow. Time estimated by radar.				
LAUDERDALE COUNTY --- 1.4 SSW NORTH FLORENCE [34.81, -87.69]				
	12/16/19 17:02 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:02 CST		0	Source: Emergency Manager
A tree was knocked down on Wildwood Park Road.				
LAUDERDALE COUNTY --- 1.9 SW NORTH FLORENCE [34.81, -87.70]				
	12/16/19 17:02 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:02 CST		0	Source: Emergency Manager
A tree was knocked down at 1758 Eunice Avenue. Time estimated by radar.				
LAUDERDALE COUNTY --- FLORENCE [34.80, -87.67]				
	12/16/19 17:02 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:02 CST		0	Source: Emergency Manager
Power lines were knocked down on East Tombigbee Street at Walnut Street. Time estimated by radar.				
COLBERT COUNTY --- 0.0 N STINSON HOLLOW [34.78, -87.62]				

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/16/19 17:04 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:04 CST		0	Source: Emergency Manager
Trees were knocked down on River Road.				
<hr/>				
COLBERT COUNTY --- 1.1 N MUSCLE SHOALS [34.77, -87.67]				
	12/16/19 17:04 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:04 CST		0	Source: Emergency Manager
Trees were knocked down on Hillcrest Avenue.				
<hr/>				
LAUDERDALE COUNTY --- 2.2 ENE ST FLORIAN [34.89, -87.59]				
	12/16/19 17:05 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:05 CST		0	Source: Emergency Manager
Power lines and a power pole were knocked down at 165 CR 122. Time estimated by radar.				
<hr/>				
LAUDERDALE COUNTY --- 1.3 ENE EAST KILLEN [34.88, -87.50]				
	12/16/19 17:08 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:08 CST		0	Source: Emergency Manager
A tree was knocked down at CR 170 and CR 71. Time estimated by radar.				
<hr/>				
LAUDERDALE COUNTY --- 1.6 ESE EAST KILLEN [34.86, -87.49]				
	12/16/19 17:08 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:08 CST		0	Source: Emergency Manager
A tree was knocked down on Koger Street. Time estimated by radar.				
<hr/>				
LAUDERDALE COUNTY --- 1.8 WNW WILSON LAKE [34.84, -87.56]				
	12/16/19 17:08 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:08 CST		0	Source: Emergency Manager
A tree was knocked down into the road at 2289 Sky Park Road. Time estimated by radar.				
<hr/>				
LAUDERDALE COUNTY --- 2.5 E ST FLORIAN [34.87, -87.58]				
	12/16/19 17:08 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:08 CST		0	Source: Emergency Manager
A tree was knocked down at CR 27 near CR 30. Time estimated by radar.				
<hr/>				
LAWRENCE COUNTY --- 2.5 W RIGDOM [34.64, -87.41], 6.6 N FLOWER HILL [34.77, -87.13]				
	12/16/19 17:08 CST		0	Tornado (EF2, L: 18.58 mi , W: 370 yd)
	12/16/19 17:31 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

A team consisting of National Weather Service, Lawrence County Emergency Management, and an Auburn University Structural Engineering survey team determined the damage in northern Lawrence County was attributed to a strong EF-2 tornado.

Damage was first observed along CR 101 north of CR 143. Large-limb tree damage was the primary damage indicator observed in this area, with estimated winds of 107 mph close to touchdown.

East of CR 101, the tornado intensified significantly as it approached CR 265. Approximately 1 mile south of Highway 20, major damage occurred to three structures. Structure damage indicators were a combination of single wide and double wide manufactured homes. It should be noted that one of the structures listed as a double wide was a prefabricated home with no anchor system. The traditional double wide manufactured home included an auger anchor system while the single wide home had a pan anchor system. Regardless of the anchor, each system failed due to intense lifting force, which led to the structure to roll off its plot, causing total destruction. Two fatalities and an injury were reported at the double wide home, with additional injuries at the other destroyed structures.

Thanks to preliminary footage from an Alabama Emergency Management Agency drone team, the tornado was observed to take a slight right turn and continue toward the Courtland area. Along and south of Alabama Highway 20 in Courtland, uprooted and large snapped tree branches were the main damage indicators. A small mobile home was slightly shifted off its plot, denoting mid-range EF-0 winds. The path continued east-northeast and crossed U.S. Highway 72, causing more tree damage on CR 150. Along CR 150, south of CR 400, the strongest damage indicator was a small and well-built block outbuilding. This structure was mostly destroyed, except for a back wall. The tornado continued to weaken as it approached and crossed CR 389. Large tree branches were downed and minor roof damage was observed at three residences. Minor tree damage continued toward the river in the vicinity of CR 400.

The tornado crossed the Tennessee River and laid down again on the Limestone County shore near Brigadoon Drive. At this location, a home on the river was observed to have metal roofing blown off. Additionally, hardwood trees were uprooted in the neighborhood. The tornado continued toward the Ripley Road and Batts Road. intersection where it caused minor roof damage to a single family home, uprooted trees, and destroyed a small shed. The tornado crossed Ripley Road where a couple more trees were uprooted and large branches were knocked down before it lifted near the southern area of Snake road.

COLBERT COUNTY --- 1.2 W FOSTERS MILL [34.77, -87.44]

12/16/19 17:09 CST	0	Thunderstorm Wind (EG 52 kt)
12/16/19 17:09 CST	0	Source: Emergency Manager

Trees were knocked down on River Road and Point Road.

LAUDERDALE COUNTY --- 1.8 E WOODLAWN [34.83, -87.57]

12/16/19 17:09 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/16/19 17:09 CST	0	Source: Law Enforcement

A tree was knocked down on Hickory Cove Road near Taylor Drive.

LAUDERDALE COUNTY --- 1.3 NNW ANTIOCH [34.92, -87.48]

12/16/19 17:12 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/16/19 17:12 CST	0	Source: Broadcast Media

A tree was knocked down on CR 31 between CR 34 and CR 432.

LAUDERDALE COUNTY --- 2.1 S GREEN HILL [34.94, -87.50]

12/16/19 17:12 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/16/19 17:12 CST	0	Source: Emergency Manager

A tree was knocked down on power lines on CR 25 north of Highway 64. Time estimated by radar.

LAUDERDALE COUNTY --- 0.4 NW HUSTONTOWN [34.83, -87.43]

12/16/19 17:15 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/16/19 17:15 CST	0	Source: Emergency Manager

A tree was knocked down on CR 33 south of Pleasant Valley Church. Time estimated by radar.

LAUDERDALE COUNTY --- 1.4 N HUSTONTOWN [34.85, -87.43]

12/16/19 17:15 CST	0.50K	Thunderstorm Wind (EG 43 kt)
12/16/19 17:15 CST	0	Source: Emergency Manager

A tree was knocked down onto the road at 4701 CR 33. A vehicle ran into the tree shortly after. Time estimated by radar.

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAUDERDALE COUNTY --- 1.5 SSW ANTIOCH [34.88, -87.48]				
	12/16/19 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:15 CST		0	Source: Emergency Manager
A tree and power lines were knocked down on CR 31 one mile from U.S. Highway 72. Time estimated by radar.				
LAURENCE COUNTY --- 1.2 NNW COURTLAND [34.69, -87.31]				
	12/16/19 17:16 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:16 CST		0	Source: Emergency Manager
Thunderstorm winds overturned an 18-wheeler on Highway 20 at the intersection of CR 150.				
LAUDERDALE COUNTY --- 2.2 SSE THORTONTOWN [34.80, -87.33], 1.6 S ROGERSVILLE [34.81, -87.28]				
	12/16/19 17:20 CST		0	Tornado (EF1, L: 2.90 mi , W: 500 yd)
	12/16/19 17:24 CST		0	Source: NWS Storm Survey
An EF-1 tornado developed near the border of Joe Wheeler State Park and the Tennessee River. Almost immediately, a large swath of trees were either snapped or uprooted. Both hardwood and softwood trees were toppled, leading to a rating of high-end EF-1. Park officials estimate thousands of trees fell as a result of this tornado. The peak width was 500 yards, with evidence of multiple vortices present both to the east and west of the bay. There were multiple swaths of convergent tree damage, as well as gaps of standing trees in between these swaths. It is worth noting that several structures remained standing in the middle of these swaths and all damage to those structures was the result of falling trees.				
Continuous tree damage was observed across the remainder of Joe Wheeler State Park. Sporadic damage was then noted with trees along McLean Drive, across Lover's Lane, and over to Braden Cove where an RV was toppled, several houses had minor roof damage, and a few trees were snapped. The tornado then shrank considerably and uprooted a few pine trees and then lifted just east of Tipton Road.				
LAUDERDALE COUNTY --- 1.5 NNW WHITEHEAD [34.90, -87.33]				
	12/16/19 17:21 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:21 CST		0	Source: Emergency Manager
A trampoline and street signs were blown into the road at 4543 CR 51. Time estimated by radar.				
LAUDERDALE COUNTY --- 1.7 SE WHITEHEAD [34.87, -87.30]				
	12/16/19 17:22 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:22 CST		0	Source: Emergency Manager
A tree was knocked down at 1339 CR 559. Time estimated by radar.				
LAUDERDALE COUNTY --- 1.6 NNE ROGERSVILLE [34.85, -87.27]				
	12/16/19 17:23 CST		0	Thunderstorm Wind (EG 61 kt)
	12/16/19 17:23 CST		0	Source: Emergency Manager
A power pole was snapped with a transformer hanging. This was at the intersection of CR 555 at CR 26. Time estimated by radar.				
LAUDERDALE COUNTY --- 2.2 SSW ROGERSVILLE [34.80, -87.30]				
	12/16/19 17:23 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:23 CST		0	Source: Emergency Manager
Power lines were knocked down on CR 91, about 1.5 miles south of U.S. Highway 72.				
LAUDERDALE COUNTY --- 2.2 NNE ROGERSVILLE [34.86, -87.27]				
	12/16/19 17:24 CST		0	Thunderstorm Wind (EG 61 kt)
	12/16/19 17:24 CST		0	Source: Emergency Manager
Power poles were knocked down on CR 555 just south of CR 92. Time estimated by radar.				
LAUDERDALE COUNTY --- 0.1 E ANDERSON [34.92, -87.27]				
	12/16/19 17:26 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:26 CST		0	Source: Emergency Manager
A tree was knocked down onto power lines at 190 McGraw Circle. Time estimated by radar.				

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAUDERDALE COUNTY --- 1.2 E ANDERSON [34.92, -87.25]				
	12/16/19 17:27 CST		0	Thunderstorm Wind (EG 61 kt)
	12/16/19 17:27 CST		0	Source: Emergency Manager
A power pole was knocked down across the road at CR 530 at CR 52.				
LIMESTONE COUNTY --- 1.8 SW LAWNGATE [34.70, -87.10], 2.1 N STEWERDS STORE [34.76, -86.95]				
	12/16/19 17:30 CST		0	Tornado (EF1, L: 9.47 mi , W: 50 yd)
	12/16/19 17:43 CST		0	Source: NWS Storm Survey
A tornado started right onshore of the Wheeler Lake / Tennessee River just east of the Browns Ferry Nuclear Power Plant. The worst damage was east of the Power Plant, with snapped tree trunks, and also near Neely Hill Loop, where the roof of a home was taken off. The tornado periodically snapped or uprooted trees in between these locations before destroying a large shed just north of Tanner along U.S. Highway 31. The tornado finally lifted near Hatfield Lake Road.				
MORGAN COUNTY --- 0.7 N MOULTON HGTS [34.61, -87.02]				
	12/16/19 17:40 CST		1K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:40 CST		0	Source: Broadcast Media
A tree was knocked down onto a trailer at this location.				
LIMESTONE COUNTY --- 1.8 WNW FRENCH MILL [34.78, -86.91]				
	12/16/19 17:42 CST		0	Hail (1.00 in)
	12/16/19 17:42 CST		0	Source: Social Media
One inch hail was reported via mPING.				
LIMESTONE COUNTY --- 0.9 NW FRENCH MILL [34.78, -86.89]				
	12/16/19 17:50 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:50 CST		0	Source: Public
An eight foot section of wooden fence was blown over and stripped off of support posts. This occurred off of Chadwick Drive near the French Mill Community. Time estimated by radar.				
MADISON COUNTY --- 2.1 N NEBO [34.80, -86.77]				
	12/16/19 17:51 CST		0	Hail (1.25 in)
	12/16/19 17:51 CST		0	Source: Social Media
Hail up to the size of half-dollars was reported via mPING.				
MADISON COUNTY --- 0.5 SW MADISON CO JET PORT [34.64, -86.79]				
	12/16/19 17:52 CST		0	Thunderstorm Wind (MG 54 kt)
	12/16/19 17:52 CST		0	Source: ASOS
Peak gust at the Huntsville International Airport.				
MADISON COUNTY --- 1.2 E MADISON [34.70, -86.75]				
	12/16/19 17:52 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 17:52 CST		0	Source: Law Enforcement
A hanging traffic light was knocked out due to thunderstorm winds at the intersection of Church Street and Mill Road. Time estimated by radar.				
MADISON COUNTY --- 1.3 WNW MONROVIA [34.78, -86.74]				
	12/16/19 17:52 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	12/16/19 17:52 CST		0	Source: NWS Storm Survey
A hardwood tree was knocked down at this location.				
MADISON COUNTY --- 1.7 NW MONROVIA [34.79, -86.74], 1.3 S JEFF [34.80, -86.72]				
	12/16/19 17:54 CST		0	Tornado (EF1, L: 1.25 mi , W: 25 yd)
	12/16/19 18:00 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Minor tree damage was noted just north of Harbin Road on Summer Cove Circle. The tornado started producing sporadic tree damage on Pettus Road as it approached the Summerfield Subdivision. It skipped along a path producing major structural damage off of Running Brook Court, removing nearly two thirds of a roof here. Minor roof and siding damage occurred to surrounding homes here as well. It was this damage that was rated EF-1, with wind speeds of 105 mph. Along Sarah Jane Drive, tornadic winds lifted up an awning and caused damage to a home, windows were broken and fences were not only blown over but broken apart and lofted onto and into a house on Jasmine Drive. This house experienced damage from additional debris along with fence segments and posts that impaled the home. Minor damage was noted as the tornado proceeded to move northeast with small branches and shingle damage observed in the Legacy neighborhood. A small outdoor metal shed was damaged and several trees were snapped or uprooted along Douglass Road near Golden Oak Drive before it lifted.				

MADISON COUNTY --- 2.1 NNW REDSTONE AAF [34.71, -86.71]

12/16/19 17:54 CST	0	Thunderstorm Wind (EG 52 kt)
12/16/19 17:54 CST	0	Source: Social Media

Four large trees were knocked down in the Chadrick neighborhood.

MADISON COUNTY --- 0.6 N MERIDIANVILLE [34.86, -86.57]

12/16/19 18:04 CST	0	Thunderstorm Wind (EG 52 kt)
12/16/19 18:04 CST	0	Source: Fire Department/Rescue

A carport was blown onto power lines in the area of Monroe Road and U.S. Highway 431.

MADISON COUNTY --- 0.8 SSW MT LEVENTOV [34.86, -86.63], 0.8 N MERIDIANVILLE [34.86, -86.57]

12/16/19 18:05 CST	0	Tornado (EF0, L: 3.16 mi , W: 37 yd)
12/16/19 18:12 CST	0	Source: NWS Storm Survey

A tornado developed northeast of Liberty Hill Road, downing numerous trees in a wooded area on a farm. From there, it approached Monroe Road, with sporadic tree damage noted through the Spencer Lake and Spencer Estates Subdivisions. Minor roof damage was noted to a couple of homes in Spencer Lake, with one home on Madelyn Drive sustaining moderate roof damage, spraying shingles and debris northeast into a field. It was at this point that the tornado was rated EF-0, with wind speeds of 80 mph. Additional minor tree and roof damage was noted in Spencer Estates, uprooting a large magnolia tree. The tornado moved toward U.S. Highway 231 and damaging a billboard before dissipating on the east side of the highway.

MADISON COUNTY --- 0.7 SE NORMAL [34.77, -86.57]

12/16/19 18:06 CST	0	Thunderstorm Wind (EG 52 kt)
12/16/19 18:06 CST	0	Source: Emergency Manager

Power lines were knocked down on Meridian Street NE and Wholesale Avenue NE.

JACKSON COUNTY --- 2.1 NNE SKYLINE [34.85, -86.11]

12/16/19 18:33 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/16/19 18:33 CST	0	Source: Public

A tree was knocked down at this location.

LAWRENCE COUNTY --- 1.5 WNW RED BANK [34.78, -87.39]

12/16/19 23:17 CST	0	Thunderstorm Wind (EG 52 kt)
12/16/19 23:17 CST	0	Source: Public

Trees down on Highway 101 at the Big Nance Creek Bridge.

During the late afternoon and evening hours, a broken line of severe thunderstorms pushed rapidly east across north Alabama. The thunderstorms produced at least (6) tornadoes, numerous reports of wind damage and a couple reports of large hail in north Alabama.

LAUDERDALE COUNTY --- 0.5 S ROGERSVILLE [34.82, -87.28]

12/29/19 13:26 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/29/19 13:26 CST	0	Source: Emergency Manager

A tree was knocked down into the road at Grisham Drive at Lee Street in Rogersville.

LAUDERDALE COUNTY --- 2.7 N WHEELER LAKE SOUTH [34.79, -87.30]

12/29/19 13:32 CST	0.20K	Thunderstorm Wind (EG 43 kt)
12/29/19 13:32 CST	0	Source: Emergency Manager

A tree was knocked down at the intersection of CR 91 and CR 605 in Rogersville.

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

FRANKLIN COUNTY --- 1.1 W RUSSELLVILLE [34.52, -87.75]	12/29/19 18:00 CST		0	Thunderstorm Wind (EG 52 kt)
	12/29/19 18:00 CST		0	Source: Broadcast Media

Trees and power lines were knocked down on Duncan Creek Road past the football stadium. Report obtained via scanner. Time estimated by radar.

FRANKLIN COUNTY --- 0.3 NE RUSSELLVILLE [34.52, -87.73]	12/29/19 18:02 CST		0	Thunderstorm Wind (EG 52 kt)
	12/29/19 18:02 CST		0	Source: Social Media

Trees and power lines were knocked down near Mahan Avenue and Liberty Avenue. A tree was knocked down onto a home. Relayed via social media. Time estimated by radar.

LAUDERDALE COUNTY --- ANDERSON [34.92, -87.27], 0.3 SSE ANDERSON [34.92, -87.27], 0.4 SSW ANDERSON [34.92, -87.27], 0.2 WNW ANDERSON [34.92, -87.27]	12/29/19 18:15 CST	1	0	Flash Flood (due to Heavy Rain)
	12/30/19 00:00 CST	2	0	Source: Emergency Manager

Three vehicles were swept by flash flooding on Anderson Creek along CR 50 and CR 52. A 20 year old woman was killed in the vehicle. Two others including the victim's mother in the other vehicles were rescued. Time of occurrence from Times Daily news article.

Direct Fatalities: F20VE

LIMESTONE COUNTY --- 2.4 N LAWNGATE [34.75, -87.08], 1.4 WSW ATHENS [34.79, -87.00]	12/29/19 18:50 CST		0	Tornado (EF0, L: 5.07 mi , W: 50 yd)
	12/29/19 18:57 CST		0	Source: NWS Storm Survey

A tornado touched down approximately 0.3 miles west of the intersection of Zelner Road and Ripley Road in southern Limestone County. Upon touchdown the tornado produced tree damage. Tracking to the northeast, the tornado produced damage to a metal barn roof along Bell Road, snapped a tree at the base, and uplifted an attached roof of a porch on a small home. Farther to the northeast, the tornado produced mainly roof and window damage in a mobile home park along the west side of Blackburn Road. On Ham Road, more extensive damage was found to a mobile home, which was pushed back about six feet, detaching it from an awning and cement parking pad. This mobile home was anchored to concrete pads that were sitting on gravel, but the mobile home was left largely intact. The tornado continued to snap trees across Evans Road and Reid Road. As the tornado approached U.S. Highway 72, it produced significant damage to a metal-sided outbuilding, while producing mainly roof and siding damage to a couple of metal building systems on the south side of U.S. Highway 72. The tornado produced damage to a couple of metal signs at a gas station located along the north side of U.S. Highway 72 at the intersection of W. Washington Street. Along W. Washington Street, tree damage continued, with some trees uprooted, including a tree that fell on a vehicle. At the intersection of W. Glenn Valley Drive and W. Washington Road, a large tree branch fell, partly on a house. The tornado appeared to lift near this point, with some minor tree damage farther to the northeast in western portions of Athens.

LAWRENCE COUNTY --- 0.3 SSW TOWN CREEK [34.68, -87.40], 0.3 S TOWN CREEK [34.68, -87.40], 0.4 S TOWN CREEK [34.67, -87.40], 0.4 SSW TOWN CREEK [34.67, -87.40]	12/29/19 18:58 CST		0	Flood (due to Heavy Rain)
	12/30/19 00:00 CST		0	Source: Emergency Manager

Water in homes at Creek View Apartments in Town Creek. Residents were evacuated from the complex. Time is when report was relayed via EMA.

The first of two lines of thunderstorms arrived in northwest Alabama during the early afternoon hours producing a couple reports of wind damage. The second and more intense line of thunderstorms arrived during the early evening hours, and produced several reports of wind damage, one tornado in Limestone County, and flash flooding which killed one person.

After 2-3 inches of rain in less than two hours, a flash flood occurred along Anderson creek in Lauderdale County, sweeping three cars off of two roads affected. One person was killed, while at least two others were rescued.

A storm survey determined that an EF-0 tornado occurred southwest of Athens.

ALABAMA, Southeast

COFFEE COUNTY --- 0.9 NW COOL SPRINGS [31.24, -85.83]	12/17/19 03:25 CST		5K	Thunderstorm Wind (EG 55 kt)
	12/17/19 03:25 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Roof damage was reported along County Road 708.				
COFFEE COUNTY --- 1.5 NNE COOL SPRINGS [31.25, -85.81]				
	12/17/19 03:25 CST		6K	Thunderstorm Wind (EG 55 kt)
	12/17/19 03:25 CST		0	Source: Emergency Manager
Roof and pole damage was reported along County Road 719.				
GENEVA COUNTY --- GENEVA [31.03, -85.87]				
	12/17/19 04:30 CST		0	Thunderstorm Wind (EG 50 kt)
	12/17/19 04:30 CST		0	Source: 911 Call Center
A tree was blown down in Geneva.				
HOUSTON COUNTY --- MADRID [31.03, -85.39], 0.1 ENE MADRID [31.03, -85.39]				
	12/17/19 06:52 CST		25K	Tornado (EF0, L: 0.14 mi , W: 25 yd)
	12/17/19 06:53 CST		0	Source: NWS Storm Survey
An EF0 tornado briefly touched down and damaged one home. The home lost a garage and an outbuilding. A few dozen softwood trees were also snapped or uprooted.				
HOUSTON COUNTY --- 0.7 N MADRID [31.04, -85.39]				
	12/17/19 06:54 CST		0	Thunderstorm Wind (EG 50 kt)
	12/17/19 06:54 CST		0	Source: 911 Call Center
There were multiple reports of trees down near Decatur Road.				
A strong cold front moved through the area with showers and thunderstorms. There were several reports of trees and power lines down, and one storm produced an EF2 tornado that tracked from Irwin into Ben Hill county in Georgia. Additional EF0 tornadoes touched down in Early county, GA, Baker county, GA, and Houston county, AL. An EF1 tornado occurred in Miller county, GA.				
ALABAMA, Southwest				
CHOCTAW COUNTY --- 1.2 WNW HINTON [32.09, -88.45], 1.5 ENE PUSHMATAHA [32.18, -88.32]				
	12/16/19 19:15 CST		0	Tornado (EF1, L: 9.91 mi , W: 300 yd)
	12/16/19 19:29 CST		0	Source: NWS Storm Survey
Tornado moved into Choctaw County AL from Clarke County MS along CR 20. Several softwood trees were snapped and hardwoods uprooted along CR 20. As the tornado moved northeast, tree damage continued along Hinton Rd and Faith Rd in the Hinton community. Minor roof damage occurred to a home along Hinton road and a single wide modular home was flipped on its side and heavily damaged. The track continued northeast across Rock Gap Rd and eventually across Mt. Nebo Rd where numerous hard and softwoods were uprooted or snapped. A roof of a two story home was partially removed along Highway 10 and several large hardwood trees were uprooted. The tornado crossed highway 10 where it lifted just west of Ruffintown Rd. The damage along the Choctaw County portion of the track was consistent with a high end EF-1.				
This tornado is a continuation of a track that began in Jones County MS and produced EF-3 damage in Laurel. Based on information from NWS Jackson, the tornado tracked a total of 51 miles from Jones County northeast into Clarke County MS. The tornado continued an additional 10 miles in Choctaw County AL before lifting.				
CHOCTAW COUNTY --- YANTLEY [32.25, -88.38]				
	12/16/19 19:42 CST		0	Thunderstorm Wind (EG 52 kt)
	12/16/19 19:44 CST		0	Source: Emergency Manager
High winds downed trees in Yantley.				
A strong storm system moved across the southeastern states during the day. Severe thunderstorms developed ahead of this system and moved across the area through the late afternoon and evening hours. This system produced a long track tornado that began in Jones County Mississippi and moved into Choctaw County Alabama. The damage along the Choctaw County portion of the track was				

Storm Data and Unusual Weather Phenomena - December 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
consistent with a high end EF-1.				