

Storm Data and Unusual Weather Phenomena - December 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
(AL-Z011) MARION, (AL-Z033) PERRY, (AL-Z036) COOSA, (AL-Z039) MARENGO, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (AL-Z042) LOWNDES, (AL-Z043) ELMORE, (AL-Z049) PIKE				
	12/01/24 00:00 CST	0		Drought
	12/31/24 23:59 CST	0		
Lingering drought conditions across parts of Central Alabama continued into December. Increased rainfall from November into December improved drought conditions to Moderate (D1) or lower in most counties by the end of December. However, Severe (D2) conditions continued into January in Marengo, Perry, Dallas, and Autauga counties.				
LAMAR COUNTY --- 1.3 SSW MOLLOY [33.71, -88.21], 2.3 NW VERNON [33.77, -88.15]				
	12/28/24 21:27 CST	0		Tornado (EF1, L: 5.07 mi , W: 300 yd)
	12/28/24 21:32 CST	0		Source: NWS Storm Survey
The tornado began near the intersection of County Road 34 and Hopper Hollow Road, where a site-built home lost its roof. Dozens of trees were snapped and uprooted in this area as well. The tornado continued to the northeast producing additional tree damage particularly near the intersection of Alabama Highway 18 and Coyote Road. The tornado continued to produce minor tree damage as it moved northeastward before dissipating near Watson Creek Road. Maximum winds were estimated at 105 mph.				
SUMTER COUNTY --- 2.3 SSE CUBA [32.40, -88.36], 0.4 NNW COATOPA [32.49, -88.07]				
	12/28/24 21:27 CST	0		Thunderstorm Wind (EG 52 kt)
	12/28/24 21:46 CST	0		Source: Fire Department/Rescue
Trees were downed across southern Sumter County, including in York, along McElroy Road and Delaine Road south of Cuba, along County Road 9 in Ward, and along Alabama Highway 28 in Coatopa.				
LAMAR COUNTY --- 5.9 WNW CREWS [33.94, -88.22], 5.2 NW CREWS [33.95, -88.19]				
	12/28/24 21:40 CST	0		Tornado (EF0, L: 1.45 mi , W: 100 yd)
	12/28/24 21:41 CST	0		Source: NWS Storm Survey
The tornado began near Lost Creek Road, moved northeastward across Byson Road, and ended near Chapel Road. Damage consisted of downed limbs and several snapped and uprooted trees. Maximum winds were estimated at 65 mph.				
LAMAR COUNTY --- 1.1 NE BEAVERTON [33.94, -88.02], 2.7 NNE BEAVERTON [33.96, -88.01]				
	12/28/24 21:45 CST	0		Tornado (EF0, L: 1.63 mi , W: 150 yd)
	12/28/24 21:47 CST	0		Source: NWS Storm Survey
The tornado began near the intersection of Sharon Chapel Road and Cantrell Road, where a house sustained shingle damage. The tornado moved northeastward and ended near Olive Hill Road, where a cluster of trees was uprooted and snapped. Maximum winds were estimated at 70 mph.				
LAMAR COUNTY --- KENNEDY [33.58, -87.98]				
	12/28/24 21:45 CST	0		Thunderstorm Wind (EG 50 kt)
	12/28/24 21:46 CST	0		Source: Public
A tree fell on a chicken pen in Kennedy.				
FAYETTE COUNTY --- 3.8 S BLUFF [33.77, -87.89]				
	12/28/24 21:46 CST	0		Thunderstorm Wind (EG 52 kt)
	12/28/24 21:51 CST	0		Source: Emergency Manager
Multiple trees were downed in northwest Fayette County, including Highway 107 at Turner Road.				
MARION COUNTY --- 0.9 NW GUIN [33.98, -87.93]				
	12/28/24 21:49 CST	0		Thunderstorm Wind (EG 52 kt)
	12/28/24 21:51 CST	0		Source: Emergency Manager
Multiple power lines and power poles were downed around County Highway 58 in Guin.				
MARION COUNTY --- 3.1 N WINFIELD [33.96, -87.81], 0.7 E BRILLIANT [34.02, -87.76]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/28/24 21:56 CST		0	Thunderstorm Wind (EG 50 kt)
	12/28/24 22:02 CST		0	Source: Emergency Manager
Several trees were downed between Winfield and Brilliant. A tree fell on a home in Brilliant.				
PICKENS COUNTY --- 1.1 SW GORDO [33.31, -87.91]				
	12/28/24 21:59 CST		0	Thunderstorm Wind (EG 50 kt)
	12/28/24 22:01 CST		0	Source: Trained Spotter
Trees and power lines were downed on County Road 9 near Gordo.				
MARION COUNTY --- 2.2 NNE GOLDMINE [34.06, -87.72], 3.7 SSE WHITEHOUSE [34.08, -87.70]				
	12/28/24 22:05 CST		0	Tornado (EF0, L: 2.09 mi , W: 150 yd)
	12/28/24 22:07 CST		0	Source: NWS Storm Survey
The tornado began near County Highway 171, where a power pole was snapped and a manufactured home lost roof covering material. The tornado moved northeastward and crossed near the intersection of County Highway 46 and County Highway 70. Here, a few trees were uprooted, one home sustained a loss of shingles, and a trampoline was blown into the woods. The tornado continued to the northeast and produced significant tree damage around a residence near the intersection of County Highway 46 and Alabama State Highway 233. The tornado dissipated shortly after crossing State Highway 233. Maximum winds were estimated at 75 mph.				
GREENE COUNTY --- 3.9 ENE FORKLAND [32.67, -87.82], 5.8 ENE FORKLAND [32.69, -87.79]				
	12/28/24 22:13 CST		0	Tornado (EF1, L: 1.91 mi , W: 650 yd)
	12/28/24 22:16 CST		0	Source: NWS Storm Survey
The tornado began approximately four miles northeast of Forkland in extreme eastern Greene County along County Road 25, just north of Modley Lane. At this location, numerous large hardwoods were uprooted surrounding a site-built home, causing damage to the residence and at least one vehicle. Additionally, metal panels were removed from the roof and sides of a farm outbuilding. A few hundred yards to the north, a well-defined area of significant tree damage occurred, where many dozen to perhaps hundreds of pine trees were snapped. These non-contiguous pockets of well-defined damage suggest the tornado was characterized by multiple vortices. The tornado widened substantially and maintained its multiple vortex nature as it continued to the northeast and moved into Hale County.				
TUSCALOOSA COUNTY --- 0.6 N ROSEDALE [33.21, -87.57]				
	12/28/24 22:15 CST		0	Thunderstorm Wind (EG 50 kt)
	12/28/24 22:40 CST		0	Source: 911 Call Center
Several trees were downed across the county, including near Fosters, Gorgas Rd at Northside Rd, Boyd Rd near Echola, and Highway 69 near Rosser Rd.				
HALE COUNTY --- 5.9 SW SAWYERVILLE [32.69, -87.79], 4.5 E NEW PROSPECT [32.83, -87.65]				
	12/28/24 22:16 CST		0	Tornado (EF1, L: 12.86 mi , W: 1760 yd)
	12/28/24 22:32 CST		0	Source: NWS Storm Survey
A tornado moved into Hale County from Greene County. Pockets of non-contiguous damage were found along Carnation Road and County Road 17, where the tornado was nearly one mile wide. Near the intersection of Carnation Road and Quail Drive, a hay barn was demolished, and at least two residences sustained uplift and removal of roof covering materials. Along County Road 17, dozens of trees were snapped and uprooted. The tornado then made a northward turn as it moved through the center of Sawyerville, where only very minor damage was observed along State Highway 14. The tornado increased in intensity as it turned back to the northeast and continued to produce sporadic tree damage in a one mile wide path across County Road 18 and County Road 30. The tornado weakened and dissipated quickly as it crossed County Road 21 and Raspberry Road. Maximum estimated winds were 100 mph.				
WINSTON COUNTY --- 1.8 SW PLEASANT HILL [34.20, -87.47]				
	12/28/24 22:24 CST		0	Thunderstorm Wind (EG 56 kt)
	12/28/24 22:26 CST		0	Source: Emergency Manager
A shed was shifted and part of a pole barn was blown away.				
WALKER COUNTY --- 0.5 N MANCHESTER [33.91, -87.30]				
	12/28/24 22:48 CST		0	Thunderstorm Wind (EG 50 kt)
	12/28/24 22:51 CST		0	Source: Public
A few trees were downed in Manchester.				
PERRY COUNTY --- MARION [32.63, -87.32]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/28/24 22:50 CST		0	Thunderstorm Wind (EG 50 kt)
	12/28/24 23:10 CST		0	Source: 911 Call Center

A few trees were downed around the Perry County.

TUSCALOOSA COUNTY --- 0.2 NW VANCE [33.17, -87.23]

12/28/24 23:06 CST	0	Thunderstorm Wind (EG 50 kt)
12/28/24 23:10 CST	0	Source: 911 Call Center

A few trees were downed near Vance.

JEFFERSON COUNTY --- 0.9 NW OAK GROVE [33.46, -87.16]

12/28/24 23:10 CST	0	Thunderstorm Wind (EG 52 kt)
12/28/24 23:45 CST	0	Source: Broadcast Media

A few trees were downed in western and northern Jefferson County, including near Oak Grove, Graysville, and Kimberly.

BIBB COUNTY --- WEST BLOCTON [33.12, -87.12]

12/28/24 23:12 CST	0	Thunderstorm Wind (EG 52 kt)
12/28/24 23:19 CST	0	Source: 911 Call Center

A few trees were downed around the West Blocton area.

SHELBY COUNTY --- 0.7 S SILURIA [33.22, -86.83]

12/28/24 23:34 CST	0	Thunderstorm Wind (EG 52 kt)
12/28/24 23:51 CST	0	Source: NWS Employee

Several trees and a few power lines were downed near Alabaster , Pelham, Hoover, and Indian Springs Village. A couple trees or large limbs fell on structures.

CHILTON COUNTY --- 2.2 SSE MINERAL SPGS [32.92, -86.66], 2.0 ESE JUMBO [32.96, -86.57]

12/28/24 23:57 CST	0	Tornado (EF0, L: 6.01 mi , W: 150 yd)
12/29/24 00:05 CST	0	Source: NWS Storm Survey

The tornado began east of Thorsby near County Road 23 where a few trees were uprooted. The tornado crossed Alabama State Highway 145, where a barndominium lost a few metal roof panels. Additional minor tree damage continued to the northeast from State Highway 145 to County Road 61 and County Road 197. Maximum winds were estimated at 65 mph.

SHELBY COUNTY --- 2.1 NW HARPERSVILLE [33.36, -86.47], 2.0 WSW VINCENT [33.37, -86.45]

12/29/24 00:11 CST	0	Tornado (EF1, L: 1.53 mi , W: 175 yd)
12/29/24 00:14 CST	0	Source: NWS Storm Survey

NWS Birmingham storm survey determined a brief EF-1 tornado impacted an area northwest of Harpersville, mainly on El Gezira Road north of U.S. Highway 280. The tornado caused damage to a horse farm, impacting at least four structures. Varying degrees of timber damage were also observed with trees uprooted and large branches removed. The tornado caused additional damage near Prince Road, dissipating near Highway 83. Maximum estimated winds were 90 mph.

SHELBY COUNTY --- 1.0 NE VINCENT [33.39, -86.41]

12/29/24 00:14 CST	0	Thunderstorm Wind (EG 61 kt)
12/29/24 00:17 CST	0	Source: NWS Storm Survey

Several trees were downed around Vincent. A few structures sustained roof and/or structural damage as well.

LOWNDES COUNTY --- 4.4 S LUM [32.01, -86.66], 1.1 W CALHOUN [32.05, -86.59]

12/29/24 00:15 CST	0	Tornado (EF0, L: 5.70 mi , W: 450 yd)
12/29/24 00:24 CST	2	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado began along Knight Place Rd and moved northeastward . Numerous trees were downed along or just west of the road, mainly limbs broken or uprooted trunks. A few small trees were snapped as well, along with downed power lines. A few structures sustained damage , including minor roof damage to a double-wide manufactured home, a single-wide manufactured home that was rolled over onto its roof, and a large open air shed that lost roof panels. Two people were injured in the overturned single-wide. The tree damage continued across County Road 45 into a large inaccessible area. Radar and satellite data were conclusive in showing that the tornado continued for a few more miles to the northeast, with significant tree damage on satellite imagery. Radar data and satellite show an east-southeast bend in the path before the tornado dissipated just west of Salem Church Rd. The ground survey resumed along Salem Church Rd and noted no discernible area of tornado damage. However, there was a large area of wind damage southeast of Salem Church Rd apparent from satellite, and tree debris from the residual tornado debris signature was noted along the road. After satellite analysis, roughly 4 miles was added to the existing track. Maximum winds were estimated at 85 mph.				

ST. CLAIR COUNTY --- 2.4 ESE NEW LONDON [33.46, -86.34], 0.5 WNW LOGAN MARTIN RES [33.48, -86.31]

12/29/24 00:25 CST	0	Tornado (EF0, L: 2.26 mi , W: 150 yd)
12/29/24 00:28 CST	0	Source: NWS Storm Survey

NWS Birmingham storm survey has determined a brief EF-0 tornado impacted areas near Logan Martin Lake in far southern St. Clair County. The tornado began causing timber damage southwest of Rivercrest Drive. Numerous trees were snapped or uprooted, and many fell onto homes near Shady Brook Lane. The tornado crossed the water and caused additional damage to timber and residences on Coosa Island Road. The tornado continued northeast causing, to a lesser degree, additional timber damage on Rabbit Branch Road and Treasure Island Road before dissipating . Maximum winds were estimated at 85 mph.

ST. CLAIR COUNTY --- 1.8 WSW EDEN [33.57, -86.35], 0.4 SSW EDEN [33.57, -86.32]

12/29/24 00:30 CST	0	Tornado (EF1, L: 1.52 mi , W: 325 yd)
12/29/24 00:33 CST	0	Source: NWS Storm Survey

NWS Birmingham storm survey has determined an EF-1 tornado impacted and area southwest of Pell City, mainly on Roberts Mill Pond Road. Several areas of timber damage occurred, generally snapping and uprooting of hardwood trees, north of Highway 27. A chicken farm sustained significant damage , with at least five structures impacted. Debris was thrown at least 300 yards downstream. The tornado continued northeast toward Steward Road causing additional less significant timber damage dissipating thereafter. Maximum estimated winds were 110 mph.

LOWNDES COUNTY --- 3.4 NNE TYSON [32.22, -86.42], 4.0 NE TYSON [32.23, -86.41]

12/29/24 00:39 CST	0	Tornado (EF0, L: 0.91 mi , W: 100 yd)
12/29/24 00:40 CST	0	Source: NWS Storm Survey

A tornado began along County Road 26, with several cedar limbs down along the road. Numerous trees were uprooted across Hargrove Lane, and several more trees were downed near Rolling Acres Road . North of George Drive, a few trees were downed around a residence, solar panels were blown off the house, and siding was removed from an outbuilding. The tornado crossed into Montgomery County, where a small barn had much of the roof removed just east of Mason Road. A wooden playground set was flipped over against a tree just east of this location . Maximum winds were estimated at 75 mph.

MONTGOMERY COUNTY --- 2.4 SW MC GEHEES [32.23, -86.41], 2.2 SW MC GEHEES [32.23, -86.40]

12/29/24 00:40 CST	0	Tornado (EF0, L: 0.26 mi , W: 100 yd)
12/29/24 00:41 CST	0	Source: NWS Storm Survey

A tornado began along County Road 26, with several cedar limbs down along the road. Numerous trees were uprooted across Hargrove Lane, and several more trees were downed near Rolling Acres Road . North of George Drive, a few trees were downed around a residence, solar panels were blown off the house, and siding was removed from an outbuilding. The tornado crossed into Montgomery County, where a small barn had much of the roof removed just east of Mason Road. A wooden playground set was flipped over against a tree just east of this location . Maximum winds were estimated at 75 mph.

MONTGOMERY COUNTY --- 0.9 NNE MC GEHEES [32.26, -86.37], 2.0 NNW SNOWDOUN [32.28, -86.31]

12/29/24 00:43 CST	0	Tornado (EF1, L: 3.94 mi , W: 250 yd)
12/29/24 00:48 CST	0	Source: NWS Storm Survey

A tornado began along Bill Joseph Pkwy and moved eastward across Folmar Pkwy and I -65. A few warehouses at the intersection of Bill Joseph and Folmar sustained roof and siding damage, with several trees down as well. At the end of County Court adjacent to I-65, the tornado became much stronger, and two warehouses sustained major roof loss on a corner of each building along with cinder-block wall collapse in sections of both buildings. Several semi trailers were flipped or tossed as well. This damage was rated upper-end EF1. After scattering debris across the interstate, two businesses at the intersection of U.S. 31 and Fischer Road sustained roof and structural damage, with several more semi trailers behind the buildings being flipped or moved. Just south of this location, Hooper Academy had mostly minor damage to the building and surrounding grounds which was not directly related to the tornado. Continuing east-northeast, several trees were uprooted north of Lagos Lane as the tornado tracked northeastward toward Hyundai Blvd. A newly constructed greenhouse-type building south of the main Hyundai facility had much of the covering ripped off . A house and shed at Hyundai Blvd had roof loss, and across the road a small metal building at the southeast corner of the Hyundai campus had roofing removed and blown across a railroad into a tree line. The tornado appeared to dissipate at this point, just before reaching U.S. 331. Maximum estimated winds were 110 mph.

MONTGOMERY COUNTY --- 2.7 E SPRAGUE [32.13, -86.22], 3.2 NE GARTERS HILL [32.22, -86.09]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/29/24 00:53 CST		0	Tornado (EF1, L: 10.01 mi , W: 500 yd)
	12/29/24 01:05 CST		0	Source: NWS Storm Survey

A tornado began along Hobbie Road and Hillabee Road with a few uprooted trees and broken limbs . Tree damage gradually became more concentrated as the tornado moved northeastward, with a home south of Ridgeland Farms Road having the top of a pine tree fall on it. Several trees were uprooted across wooded areas before the tornado arrived at Mount Zion Road, where numerous pine trees were snapped or uprooted, one of which fell into the corner of a double-wide manufactured home. Significant splatter was observed on the east facing side of the double-wide. A couple sheds nearby sustained damage as well. Numerous trees were uprooted northeastward across wooded areas and pastures to Woodley Road and further to U .S. 231. Here, the BBQ Hill business sustained roof damage and had numerous pine trees snapped or uprooted on the premises. More trees were downed and an outbuilding was damaged along Old Carter Hill Road as the tornado dissipated. Maximum estimated winds were 100 mph.

MONTGOMERY COUNTY --- 1.1 NE LONDON [32.28, -86.04], 0.6 SSE CECIL [32.29, -86.00]

12/29/24 01:11 CST	0	Tornado (EF0, L: 2.50 mi , W: 100 yd)
12/29/24 01:13 CST	0	Source: NWS Storm Survey

A tornado was confirmed using aerial and ground surveys . Convergent tree damage was noted in a wooded area west-southwest of Split Bark Drive. Several small trees were snapped or uprooted along Hickory Hollow Cove, and a garage sustained partial roof loss. Further to the east along Cecil Station Road, numerous trees were uprooted, and tree limbs were snapped. A concentrated area of tree damage continued across Flowers Road and Vaughn Road, and the tornado appeared to dissipate just east of Vaughn Road and Pharr Road . Maximum winds were estimated at 80 mph.

MACON COUNTY --- 1.5 SE TYSONVILLE [32.39, -85.98], 0.8 WNW SHORTER [32.40, -85.94]

12/29/24 01:18 CST	0	Tornado (EF0, L: 2.56 mi , W: 175 yd)
12/29/24 01:22 CST	0	Source: NWS Storm Survey

A tornado began south of U.S. 80 in a wooded area and moved northeast. Several trees and tree limbs were downed across Jackson Rd. Further northeast, along Old Federal Rd, numerous trees were uprooted behind the Shorter Post Office and Town Hall . Minor roof damage occurred to the post office building. A couple fences and signs were blown down as well. Tree damage continued across U.S. 80, where the Shorter Lodge building sustained minor roof damage and had a tree fall onto a ramp and porch overhang. An adjacent church had minor roof and siding damage as well. Minor tree damage continued into a wooded area east of County Road 40. A tornado debris signature was observed on KMXX (Maxwell Air Force Base) radar. Maximum winds were estimated at 80 mph.

MACON COUNTY --- 1.7 SSW SHORTER [32.38, -85.94], 2.0 ESE MILSTEAD [32.42, -85.87]

12/29/24 01:18 CST	0	Tornado (EF0, L: 5.55 mi , W: 200 yd)
12/29/24 01:27 CST	0	Source: NWS Storm Survey

A tornado began over an inaccessible area north of County Road 2 and south of Old Federal Road. Several trees were uprooted or limbs were snapped around a couple homes and a church as the tornado crossed Old Federal Road and U.S. 80. The church also sustained minor siding damage. More trees were uprooted as the tornado crossed Redland Road and Cross Keys Road, where the most substantial area of tree damage occurred just north of Deborah Cannon Wolfe School. The damage extent decreased substantially crossing County Road 30, with small trees and tree limbs downed. A few more tree limbs were downed along County Road 9 as the tornado track ended. Maximum winds were estimated at 75 mph.

CHEROKEE COUNTY --- 2.2 NW PINE GROVE [34.05, -85.73]

12/29/24 01:25 CST	0	Thunderstorm Wind (EG 50 kt)
12/29/24 01:35 CST	0	Source: Emergency Manager

A few trees were downed in roadways, including County Roads 32 and 41.

MACON COUNTY --- 0.2 N HORNADY [32.47, -85.87], 1.3 W FRANKLIN [32.48, -85.82]

12/29/24 01:30 CST	0	Tornado (EF0, L: 2.78 mi , W: 100 yd)
12/29/24 01:33 CST	0	Source: NWS Storm Survey

A tornado began just west of the confluence of Chewacla Creek and the Tallapoosa River near the Elmore County line and moved east -northeast just north of County Road 8. Several trees were snapped or uprooted in a wooded area adjacent to the railroad. Satellite imagery indicated the tornado dissipated along Chewacla Creek northeast of County Road 8. A Tornado Debris Signature was detected by KMXX (Maxwell Air Force Base) radar. Maximum winds were estimated at 75 mph.

MACON COUNTY --- 0.6 ENE FRANKLIN [32.48, -85.79], 1.2 NNE FRANKLIN [32.49, -85.79]

12/29/24 01:31 CST	0	Tornado (EF0, L: 0.76 mi , W: 50 yd)
12/29/24 01:32 CST	0	Source: NWS Storm Survey

A weak tornado moved northward across County Road 56, just southwest of Sharpe Field. Only a few small trees and tree limbs were downed. A tornado debris signature was detected by KMXX (Maxwell Air Force Base) radar. Maximum winds were estimated at 60 mph.

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MACON COUNTY --- 0.3 E TUSKEGEE INSTITUTE [32.42, -85.72]				
	12/29/24 01:33 CST		0	Thunderstorm Wind (EG 50 kt)
	12/29/24 01:34 CST		0	Source: Broadcast Media
Power lines were downed along Old Montgomery Rd.				
LEE COUNTY --- 1.1 NW BEEHIVE [32.56, -85.56]				
	12/29/24 01:46 CST		0	Thunderstorm Wind (EG 52 kt)
	12/29/24 02:10 CST		0	Source: Emergency Manager
Trees and power lines were downed across Lee County. The roof was ripped off a structure along Lee Road 137 southwest of Auburn.				
A quasi-linear convective system (QLCS) entered western Alabama from Mississippi just after 9 PM on December 28. With ample wind shear and adequate instability with the line as it passed through Central Alabama, 18 confirmed tornadoes were spawned within different line segments as the QLCS pushed eastward. Of the 18 tornadoes, 6 were rated EF1, including one that had a mile-wide path in Hale County near Sawyerville and two tornadoes that struck areas of central Montgomery County. An EF0 in Lowndes County resulted in two injuries. In addition, strong gusts associated with the QLCS resulted in scattered areas of non-tornadic wind damage.				
ALABAMA, North				
(AL-Z005) LIMESTONE				
	12/01/24 00:00 CST		0	Drought
	12/17/24 23:59 CST		0	
Exceptional Drought (D4) conditions linger into November with below normal rainfall experienced across Northern Alabama and Southern Middle Tennessee. This includes the following counties: in Alabama: Limestone. In Southern Middle Tennessee: Lincoln.				
(AL-Z005) LIMESTONE, (AL-Z006) MADISON				
	12/01/24 00:00 CST		0	Drought
	12/31/24 23:59 CST		0	
Extreme Drought (D3) conditions linger into November with below normal rainfall experienced across Northern Alabama and Southern Middle Tennessee. This includes the following counties: In Alabama: Limestone and Madison. In Tennessee: Lincoln and Moore.				
(AL-Z001) LAUDERDALE, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON				
	12/01/24 00:00 CST		0	Drought
	12/31/24 23:59 CST		0	
Severe Drought (D2) conditions linger into November with below normal rainfall experienced across Northern Alabama and Southern Middle Tennessee. This includes the following counties: In Alabama: Franklin (AL), Lawrence, Lauderdale, Morgan, Limestone, Madison, Marshall, and Jackson Counties. In Tennessee: Lincoln, Moore, and Franklin (TN).				
(AL-Z005) LIMESTONE				
	12/01/24 00:00 CST		0	Drought
	12/17/24 23:59 CST		0	
Exceptional Drought (D4) conditions removed from the U.S. Drought Monitor for portions of Northern Alabama and Southern Middle Tennessee. This includes Limestone County (AL) and Lincoln County (TN).				
FRANKLIN COUNTY --- 4.0 NE RUSSELLVILLE [34.56, -87.69]				
	12/18/24 09:57 CST		1K	Thunderstorm Wind (EG 43 kt)
	12/18/24 09:57 CST		0	Source: 911 Call Center
A tree was knocked down at the intersection of George Wallace Highway and Lakeview Lane. Time estimated by radar.				
JACKSON COUNTY --- 0.8 WSW CENTRAL [34.67, -85.81]				
	12/18/24 12:25 CST		1K	Thunderstorm Wind (EG 35 kt)
	12/18/24 12:25 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was knocked down at the 3600 block of CR 88 in Pisgah. Time estimated by radar.				
A weakening line of showers and thunderstorms along a cold front pushed southeast through north Alabama during the late morning and midday hours. A gust front produced winds of 35 to 50 mph which knocked down a couple of trees.				
(AL-Z009) JACKSON	12/27/24 06:57 CST		5K	Strong Wind (MAX 35 kt)
	12/27/24 06:57 CST		0	
Gusty southeast winds developed ahead of a band of rain showers during the morning hours of the 27th. Observed wind gusts of 30 to 40 mph were reported, but could have been higher at times. The winds knocked down at least two trees in Jackson County, resulting in a few power outages.				
COLBERT COUNTY --- 2.4 NNW NEWSOM SPGS [34.66, -87.92]	12/28/24 22:11 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:11 CST		0	Source: 911 Call Center
A tree was knocked down.				
COLBERT COUNTY --- 2.7 NE CHEROKEE [34.78, -87.94]	12/28/24 22:16 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:16 CST		0	Source: 911 Call Center
A tree was knocked down at this location.				
COLBERT COUNTY --- 1.1 E PRIDE [34.72, -87.80]	12/28/24 22:20 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:20 CST		0	Source: 911 Call Center
A tree was knocked down at this location.				
FRANKLIN COUNTY --- 0.9 SE RUSSELLVILLE [34.51, -87.72]	12/28/24 22:29 CST		5K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:29 CST		0	Source: Emergency Manager
Multiple trees were knocked down in the county. Power outages in Russellville.				
COLBERT COUNTY --- 1.8 WNW BARTON [34.74, -87.91]	12/28/24 22:36 CST		5K	Thunderstorm Wind (EG 52 kt)
	12/28/24 22:36 CST		0	Source: State Official
A power pole was down or leaning at this location.				
COLBERT COUNTY --- 2.8 SSE PICKWICK LAKE [34.81, -88.09]	12/28/24 22:45 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:45 CST		0	Source: 911 Call Center
A tree was knocked down at this location.				
LAWRENCE COUNTY --- 0.6 W MT MORIAH [34.55, -87.23], 0.7 SSW CHALYBEATE SPGS [34.56, -87.22]	12/28/24 22:48 CST		30K	Thunderstorm Wind (EG 70 kt)
	12/28/24 22:50 CST		0	Source: NWS Storm Survey
A narrow swath of damage occurred between CR 230 and CR 309 near Chalybeate Springs. The damage included a barn and shed being destroyed, several trees being snapped or uprooted and roofing damage.				
LAUDERDALE COUNTY --- 0.7 S ANTIOCH [34.89, -87.47]	12/28/24 22:52 CST		1K	Thunderstorm Wind (EG 43 kt)
	12/28/24 22:52 CST		0	Source: Trained Spotter
Several tree limbs were knocked down near Center Star.				
MORGAN COUNTY --- 0.6 W MASSEY [34.37, -87.03]				

Storm Data and Unusual Weather Phenomena - December 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/28/24 22:58 CST		5K	Thunderstorm Wind (EG 52 kt)
	12/28/24 22:58 CST		0	Source: Emergency Manager

Trees were knocked down on Highway 55 west in Danville.

COLBERT COUNTY --- 0.9 NW MT NEW HOME [34.68, -87.53]

12/28/24 22:59 CST	0.50K	Thunderstorm Wind (EG 43 kt)
12/28/24 22:59 CST	0	Source: 911 Call Center

A tree was knocked down at this location.

MORGAN COUNTY --- 1.5 SSW NEEL [34.45, -87.06]

12/28/24 23:00 CST	5K	Thunderstorm Wind (EG 52 kt)
12/28/24 23:00 CST	0	Source: Emergency Manager

Trees were knocked down on Craze Road.

LIMESTONE COUNTY --- 0.6 S RIPLEY [34.74, -87.12], 0.8 N RIPLEY [34.76, -87.12]

12/28/24 23:02 CST	0.60M	Thunderstorm Wind (EG 70 kt)
12/28/24 23:02 CST	0	Source: NWS Storm Survey

A narrow swath of damage occurred along and near Shaw Road from Lawngate Road through McCormack Road to Ripley Road . A warehouse had severe damage, and several properties had roof damage. Two other barns had damage with metal siding pulled off . Trees were also snapped at multiple locations along this path.

LIMESTONE COUNTY --- 1.4 N WHITESIDE [34.65, -86.95]

12/28/24 23:09 CST	0	Thunderstorm Wind (MG 63 kt)
12/28/24 23:09 CST	0	Source: ASOS

Measured at Pryor Field.

MORGAN COUNTY --- 2.2 SW GRIFFIN ADDITION [34.56, -87.06]

12/28/24 23:11 CST	1K	Thunderstorm Wind (EG 52 kt)
12/28/24 23:11 CST	0	Source: Emergency Manager

A power line was knocked down at Modaus Road SW at Harold Drive.

LIMESTONE COUNTY --- 1.7 S ATHENS [34.78, -86.98], 2.3 NNE ATHENS [34.83, -86.97]

12/28/24 23:15 CST	2.40M	Tornado (EF1, L: 3.87 mi , W: 160 yd)
12/28/24 23:20 CST	0	Source: NWS Storm Survey

The tornado began by snapping a few large softwood branches on Sanderfer Road just west of the intersection with Jefferson Street . From there, the tornado skipped north-northeast, snapping several larger hardwood trees just south of an apartment complex on Southwind Drive. The tornado continued northward, snapping softwood branches and a few trees on Commercial Drive, south of Highway 72. The tornado produced its first building damage at the KFC restaurant at this location, blowing a portion of the roof off and strewing it across the highway and into the parking lot of the Taco Bell across the street . The tornado moved northward into downtown Athens. Several power poles were snapped along Madison Street and Jefferson Stret . Quite a few large soft and hardwood trees were snapped and uprooted in this area as well, beginning the EF1 damage portion of the path. Considerable roof damage and debris was then strewn throughout the square near the Courthouse in downtown Athens. Several buildings on every side of the square had portions of their roof removed, beginning with the roof completely torn off of the CEI Bookstore at the intersection of Green Street and Marion Street . From there, numerous other buildings downtown had at least some form of roof damage, with debris strewn to the north-northeast one to two blocks, between the intersections of Washington and Market Streets along Marion Street. Though the Limestone County Courthouse thankfully didn't sustain any damage other than their weathervane on the dome of the roof being bent, the very large oak tree beside the staircase wasn't as fortunate; the 100-year old tree was uprooted. From here, the tornado caused major damage just north-northeast at the Veterans Memorial Park, downing iron fencing and hurling a helicopter that was anchored to a metal pole about 50-60 feet to the west. The worst-looking building damage occurred at the intersection of Monroe and Pryor Streets, where an old warehouse was completely destroyed. It was determined that no anchor bolts were noted along the base of the cinderblock walls of the warehouse with the exception of some rebar that was found near where the overhead doors were located. Winds peaked at 100 mph with a peak path width of 160 yards at the destroyed warehouse location, with additional roof damage observed that followed the train tracks moving north-northeast. Several other businesses in this area had 20-50% (at least) of their roofs destroyed or blown off, strewing tin and debris downstream. Sporadic softwood trees were snapped or uprooted toward the end of the tornado path, along with snapping of large branches on Wilkinson Street just southwest of Airport Road .

MORGAN COUNTY --- 0.9 SE PUMPKIN CENTER [34.46, -87.07]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/28/24 23:15 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/28/24 23:15 CST		0	Source: Emergency Manager
Power lines were knocked down on the road at this location.				
MORGAN COUNTY --- 1.5 SSE FALKVILLE [34.35, -86.89]				
	12/28/24 23:15 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/28/24 23:15 CST		0	Source: Emergency Manager
A power line was knocked down at this location.				
MORGAN COUNTY --- BASHAM [34.52, -87.02]				
	12/28/24 23:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	12/28/24 23:15 CST		0	Source: Emergency Manager
Trees were knocked down at this location.				
MORGAN COUNTY --- 0.1 W COLE SPGS [34.35, -86.83]				
	12/28/24 23:24 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/28/24 23:24 CST		0	Source: Emergency Manager
Power lines were knocked down at the intersection of Wilhite Road and East Lacon Road.				
MADISON COUNTY --- 0.7 S TONEY [34.89, -86.75]				
	12/28/24 23:28 CST		1K	Thunderstorm Wind (EG 43 kt)
	12/28/24 23:28 CST		0	Source: Public
Multiple small tree limbs were broken with a few larger limbs south of Highway 53 between Wall Triana Highway and Old Railroad Bed Road . Time estimated by radar.				
MADISON COUNTY --- 1.5 ESE HAZEL GREEN [34.92, -86.55]				
	12/28/24 23:43 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 23:43 CST		0	Source: Emergency Manager
A tree was knocked down at the intersection of Willow Run and Jimmy Fisk.				
MADISON COUNTY --- 2.8 S MT LEVENTOV [34.83, -86.62]				
	12/28/24 23:45 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/28/24 23:45 CST		0	Source: Emergency Manager
A tree was knocked down at this location.				
MADISON COUNTY --- 0.9 SE BELL FACTORY [34.81, -86.47]				
	12/28/24 23:55 CST		5K	Thunderstorm Wind (EG 52 kt)
	12/28/24 23:55 CST		0	Source: Emergency Manager
Multiple trees were knocked down on Bell Factory Road.				
JACKSON COUNTY --- 0.9 NE WANNVILLE [34.78, -85.87]				
	12/29/24 01:00 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	12/29/24 01:00 CST		0	Source: Emergency Manager
A tree was knocked down at the intersection of CR 230 and CR 141.				
A potent low pressure system lifted northeast through the lower Mississippi Valley and mid South during the evening and overnight of the 28th. A squall line along a trailing cold front roared northeast through north Alabama, producing strong to severe thunderstorms, which spawned one tornado in Limestone County in downtown Athens, and produced damaging winds in several locations. A couple of narrow swaths of wind damage were surveyed in Lawrence and Limestone Counties with estimated winds up to around 80 mph.				
(AL-Z009) JACKSON				
	12/31/24 09:00 CST		1K	Strong Wind (MAX 35 kt)
	12/31/24 12:00 CST		0	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Gusty west to southwest winds developed during the morning hours as a strong low pressure system lifted northeast through Indiana into Ohio. Wind gusts of 30 to 40 mph were observed, but may have been higher atop the higher elevations of northeast Alabama. In Jackson County, a tree was knocked down in Hytop (atop the Cumberland Plateau).				
ALABAMA, Southeast				
(AL-Z065) COFFEE				
	12/01/24 00:00 EST	0		Drought
	12/16/24 00:00 EST	0		
D2 drought conditions persisted in Coffee county.				
COFFEE COUNTY --- 2.5 ESE PINE LEVEL [31.46, -86.14]				
	12/29/24 01:41 CST	0		Thunderstorm Wind (EG 50 kt)
	12/29/24 01:41 CST	0		Source: 911 Call Center
Trees were blown down at County Road 364 and 355 and elsewhere across the county.				
DALE COUNTY --- 0.9 NE ARITON [31.61, -85.70]				
	12/29/24 02:15 CST	0		Thunderstorm Wind (EG 50 kt)
	12/29/24 02:15 CST	0		Source: 911 Call Center
A tree was blown down at Highway 51 and West County Road 72.				
DALE COUNTY --- 0.9 SW DALE COUNTY LAKE [31.47, -85.64]				
	12/29/24 02:28 CST	0		Thunderstorm Wind (EG 50 kt)
	12/29/24 02:28 CST	0		Source: 911 Call Center
A tree was blown down at 168 East Roy Parker Road.				
DALE COUNTY --- 1.8 SW WARD BRIDGE [31.48, -85.51]				
	12/29/24 02:40 CST	0		Thunderstorm Wind (EG 50 kt)
	12/29/24 02:40 CST	0		Source: 911 Call Center
A tree was blown down at 6084 East County Road 36.				
A squall line moved across southeast Alabama ahead of a cold front with trees blown down in Coffee and Dale counties.				

ALABAMA, Southwest				
MOBILE COUNTY --- 4.0 N GRAND BAY [30.53, -88.35], 1.4 WNW THEODORE IDLE HOUR A [30.59, -88.29]				
	12/27/24 14:04 CST	0		Tornado (EF1, L: 5.27 mi , W: 100 yd)
	12/27/24 14:18 CST	0		Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An EF1 tornado began south of Dees in Mobile County west of Grand Bay Wilmer Road. A radar indicated tornado debris signature began in the adjacent forest, tracking northeast across Grand Bay Wilmer Road. As it crossed the road, multiple pine trees were snapped midway up the trunk along with a couple smaller pine tree snaps near the base of the trunk. One tree had fallen across power lines and brought them down. The smaller snaps to the south were likely thanks to the supercells RFD with the primary damage being near the bridge here. The tornado weakened somewhat as it continued northeast across Balford and Ballard Roads. Here some metal roofing material was tossed to the west with multiple large tree limbs broken. The tornado then continued northeast across Ben Hamilton Road impacting a pond north of the road. This pond had multiple trees that were uprooted with a tree snapped low. The tornado went through a majority of forest and open fields between Ben Hamilton Road and Dawes Road, additionally impacting a neighborhood with most notable damage being along the intersection of Southern Oaks Trail and Dawes Road. Damage was mostly comprised of large tree limbs broken off and minor roofing damage to homes. There were additional reports of sheds flipped over/moved and a piece of metal breaking a window of one of the homes.

MOBILE COUNTY --- 2.2 W (MOB)MOBILE BATES FL [30.68, -88.27], 0.6 W (MOB)MOBILE BATES FL [30.68, -88.24]

12/27/24 20:20 CST	0	Tornado (EF0, L: 1.65 mi , W: 80 yd)
12/27/24 20:23 CST	0	Source: NWS Storm Survey

A brief EF0 tornado began just west of the Mobile Regional Airport solely in forest based on radar indicated tornado debris signature. This tornado continued east across the southern portions of the airport property. No visible damage was evident on the western side of the property, however on the south side of the circulation numerous palm fronds were removed and thrown east-northeast. At Joseph Drawns Drive, a large oak branch was snapped off to the south of the longer-term parking. The entry and exit gates to the parking were broken and surged westward indicating the tornado crossed on the south side of this location. The tornado likely crossed over or just on the south side of the USPS building throwing numerous small to large tree limbs onto the adjacent road and knocking over a light pole on the backside of the USPS property. The Davis weather station located at the NWS Mobile office measured a peak wind gust of 55mph on the south side of the tornado circulation. There is no indication the tornado continued east of the airport, and the end point is estimated at the last known damage location.

MOBILE COUNTY --- 1.9 W SPRING HILL [30.70, -88.18], 1.8 SSE ORCHARD [30.70, -88.18]

12/27/24 20:32 CST	0	Tornado (EF0, L: 0.18 mi , W: 30 yd)
12/27/24 20:34 CST	0	Source: NWS Storm Survey

A very brief EF0 tornado occurred on the University of South Alabama campus. This tornado began near USA South Drive where some outdoor portable restrooms were blown over facing due northwest to west along with some metal fence barricades. The tornado continued northwest to USA North Drive where more metal fence barricades were knocked over facing west. A single softwood tree uproot also occurred here facing due north. A radar indicated tornado debris signature was also evident at this location lending credence to this damage being done by a tornado.

WASHINGTON COUNTY --- YARBO [31.53, -88.28]

12/28/24 22:10 CST	0	Thunderstorm Wind (EG 52 kt)
12/28/24 22:12 CST	0	Source: Fire Department/Rescue

High winds downed a flag pole at church along with several trees in the road.

ESCAMBIA COUNTY --- 1.7 NNE SARDINE [31.19, -87.32], 4.0 NNE SARDINE [31.22, -87.31]

12/28/24 22:13 CST	0	Tornado (EF1, L: 2.29 mi , W: 50 yd)
12/28/24 22:15 CST	0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An EF1 tornado began on the north side of I-65 along Charlie Dawson Road where several trees were leaning over the roadway with small tree branches taken off. As the tornado continued northeast, it crossed Priscilla Lane continuing to knock off small and large tree branches. The tornado strengthened as it continued to the northeast reaching Eric Odom Road. Here multiple trees had their tops snapped off with some trees snapped midway up. The tornado continued to parallel this segment of Eric Odom Road, continuing to do EF1 tree damage snapping and uprooting multiple pines. The tornado began to occlude northward impacting small cabins and snapping multiple trees in the adjacent forest to the west of Barnett Highway. The tornado then approached Grissett Bridge Road, continuing to snap multiple pines and taking out a majority of a tree stand just south of this road. It's probable the tornado continued northward as it finished out the occlusion process, however there was limited road access beyond this location. High resolution satellite imagery will be needed to determine the exact start and end points for this tornado when it becomes available.				
CONECUH COUNTY --- 2.8 SW DEER RANGE [31.28, -87.27], 1.7 WSW DEER RANGE [31.29, -87.26]				
	12/28/24 22:22 CST	0		Tornado (EF1, L: 1.37 mi , W: 120 yd)
	12/28/24 22:25 CST	0		Source: NWS Storm Survey
After review of available high resolution satellite imagery in corroboration with a strong Vrot and radar TDS it was determined a short tracked EF 1 tornado occurred west of Jerkins Road and east of John Bland Road solely within forest. All DI's and DoD's assessed were made in comparison with the other ground surveyed tornadoes in the area for this tornado event.				
CONECUH COUNTY --- 3.2 N DEER RANGE [31.35, -87.24], 2.6 ENE REPTON [31.42, -87.21]				
	12/28/24 22:30 CST	0		Tornado (EF0, L: 5.20 mi , W: 30 yd)
	12/28/24 22:40 CST	0		Source: NWS Storm Survey
An EF0 tornado began along Highway 41 north of Wesley Road. Along this road trees were uprooted facing due north, with some of the trees on the eastern side of the road uprooted laying due west. The next location ground survey crew were able to reach was along Highway 84 east of Repton. Here some more tree uproots occurred. It's possible the tornado did more damage to the southwest, however given the intermittent damage path and limited road network made it difficult to assess. It is possible this tornado began sooner and/or ended later than the current start and end points have, and this will be fine-tuned as high-resolution satellite imagery becomes available.				
CLARKE COUNTY --- GROVE HILL [31.70, -87.78]				
	12/28/24 22:50 CST	0		Thunderstorm Wind (MG 56 kt)
	12/28/24 22:52 CST	0		Source: Emergency Manager
Measured at the Clarke County EMA office. Three buildings next to the county courthouse also have damage, including the roof off one of the businesses.				
MONROE COUNTY --- 1.8 S BURNT CORN [31.52, -87.17], 1.5 S BURNT CORN [31.53, -87.17]				
	12/28/24 22:55 CST	0		Tornado (EF1, L: 0.35 mi , W: 150 yd)
	12/28/24 22:56 CST	0		Source: NWS Storm Survey
The tornado touched down a quarter of a mile south of County Road 5 and Old Federal Road junction, where a few trees were uprooted. The tornado continued to the north-northeast, uprooting a few more trees and shifting Bethany Baptist Church slightly off of its foundation . The tornado crossed into Conecuh County, moving just northeast of County Road 15, uprooting a few more trees before lifting. Special thanks to the Monroe and Conecuh County EMAs for their assistance with the survey.				
CONECUH COUNTY --- 3.5 NNE BERMUDA [31.53, -87.17], 4.7 NNE BERMUDA [31.55, -87.16]				
	12/28/24 22:56 CST	0		Tornado (EF1, L: 1.27 mi , W: 150 yd)
	12/28/24 22:57 CST	0		Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The tornado touched down a quarter of a mile south of County Road 5 and Old Federal Road junction, where a few trees were uprooted. The tornado continued to the north-northeast, uprooting a few more trees and shifting Bethany Baptist Church slightly off of its foundation . The tornado crossed into Conecuh County, moving just northeast of County Road 15, uprooting a few more trees before lifting. Special thanks to the Monroe and Conecuh County EMAs for their assistance with the survey.				
MONROE COUNTY --- 0.6 ESE BURNT CORN [31.55, -87.16], 0.6 E BURNT CORN [31.55, -87.16]				
	12/28/24 22:57 CST		0	Tornado (EF1, L: 0.24 mi , W: 150 yd)
	12/28/24 22:58 CST		0	Source: NWS Storm Survey
The tornado touched down a quarter of a mile south of County Road 5 and Old Federal Road junction, where a few trees were uprooted. The tornado continued to the north-northeast, uprooting a few more trees and shifting Bethany Baptist Church slightly off of its foundation . The tornado crossed into Conecuh County, moving just northeast of County Road 15, uprooting a few more trees before lifting. Special thanks to the Monroe and Conecuh County EMAs for their assistance with the survey.				
CONECUH COUNTY --- 5.0 NNE BERMUDA [31.55, -87.16], 5.9 NNW NICHBURG [31.56, -87.15]				
	12/28/24 22:58 CST		0	Tornado (EF1, L: 0.98 mi , W: 150 yd)
	12/28/24 23:01 CST		0	Source: NWS Storm Survey
The tornado touched down a quarter of a mile south of County Road 5 and Old Federal Road junction, where a few trees were uprooted. The tornado continued to the north-northeast, uprooting a few more trees and shifting Bethany Baptist Church slightly off of its foundation . The tornado crossed into Conecuh County, moving just northeast of County Road 15, uprooting a few more trees before lifting. Special thanks to the Monroe and Conecuh County EMAs for their assistance with the survey.				
CONECUH COUNTY --- 2.1 NE LOREE [31.50, -87.05], 2.2 N BOWLES [31.58, -86.98]				
	12/28/24 23:04 CST		0	Tornado (EF1, L: 7.13 mi , W: 700 yd)
	12/28/24 23:18 CST		0	Source: NWS Storm Survey
The tornado touched town just west of County Road 4, where several trees were snapped or uprooted, and a trailer was tossed. The tornado moved to the northeast, snapping more trees along its path. As the tornado moved across Bookers Mill Road, dozens of trees were snapped or uprooted. In this location, the metal roof of 3 log cabins was peeled back, and a chapel was shifted off of its foundation . The tornado continued on its northeasterly path, crossing County Road 30 and County Road 32, snapping or uprooting more trees. The tornado lifted just west of State Highway 83.				
Update 2/26/2025: Extended the start point of the tornado southwest solely within forested regions west of County Road 4 based on Sentinel satellite imagery depicting a narrow path of forest damage. This connects with the tornado track surveyed downstream by ground survey crews.				
Update 4/21/2025: Extended start and end points slightly to account for high resolution Planet satellite imagery along with other cosmetic adjustments along track. Tornado peak intensity and width were adjusted upward to account for this imagery in comparison with ground survey crew estimates . The peak width is now 700 yards and the peak intensity is 110 mph. The peak intensity was solely in forest between Bookers Mill Road and County Road 30, with peak width occurring from this point northeast through Thad Grimes Road and Cooks Quarters Road .				
BUTLER COUNTY --- 3.8 WNW STARLING [31.69, -86.89], 3.4 S BUTLER SPGS [31.75, -86.86]				
	12/28/24 23:29 CST		0	Tornado (EF1, L: 4.90 mi , W: 800 yd)
	12/28/24 23:38 CST		0	Source: NWS Storm Survey
The tornado touched down along McNeil Road just east of Furlong Creek, where numerous trees were snapped. The tornado continued to the northeast, crossing McNeil Road, continuing to snap or uproot trees along its path. One tree fell on a home, causing significant. The tornado continued to the northeast towards Mt Pisgah Road, snapping and uprooting numerous trees along its path. The tornado appears to have lifted just northeast of Mt Pisgah Road. Special thanks to the Butler County EMA for their assistance with this survey.				
Update 4/22/2025: After review of high-resolution Planet satellite imagery, this tornado had several fairly substantial changes. The first is to bring the start point back to the intersection of State Highway 106 and Withers Road where multiple trees began to be uprooted or snapped. The tornado continued northeast and widened substantially to its peak width of 800 yards as a likely multi vortex tornado along McNeil Road. The end point of the tornado was adjusted as well, continuing northeast and weakening gradually until reaching some dirt roads due east of the intersection of Mt Pisgah Road and Bethel Road.				
MOBILE COUNTY --- 0.4 WNW MON LOUIS [30.43, -88.11], 0.3 WNW MON LOUIS [30.43, -88.10]				
	12/28/24 23:59 CST		0	Tornado (EF0, L: 0.16 mi , W: 30 yd)
	12/29/24 00:00 CST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A very brief EF0 tornado touched down east of Dauphin Island Parkway impacting a home adjacent to Mobile Bay. The home sustained damage to the back patio with the southernmost wall being pulled out and deposited to the south along with the contents of the patio. Large tree limbs were also knocked down in the adjacent tree line to the south and along the driveway. Outdoor furniture from the home to the south was thrown northward around the tornado circulation before the tornado moved over the water. Here it impacted the three adjacent piers doing minor cosmetic damage to each pier. A fence was also blown over towards the northwest on the property located north of the tornado path.				
BUTLER COUNTY --- 3.5 N STARLING [31.72, -86.82]				
	12/29/24 00:18 CST		0	Thunderstorm Wind (EG 52 kt)
	12/29/24 00:20 CST		0	Source: Emergency Manager
High winds snapped a tree and damaged a house.				
BALDWIN COUNTY --- 1.5 NNE SUMMERDALE [30.50, -87.69], 3.3 NE SUMMERDALE [30.51, -87.66]				
	12/29/24 00:47 CST		0	Tornado (EF1, L: 2.38 mi , W: 50 yd)
	12/29/24 00:50 CST		0	Source: NWS Storm Survey
A tornado first touched down in a field approximately 100 yards to the west of a home to the southwest of the intersection of N E 7th Street and E Greenwood Road in Summerdale. The tornado destroyed a shed roof structure then struck the single family brick home. Significant damage to the roof was observed with destruction of a roof gable on both the front and rear of the home and the roof decking was lifted and removed from the roof framing resulting in large holes in a large portion of the roof. A rear roofed screened patio was completely destroyed and a front porch was heavily damaged. Large branches of two oak trees were broken and deposited into the yard. There was also a large section of fencing that was downed at this house and a neighboring yard just to the south. The tornado was rated an EF-1 at this location with winds of 95 mph. The tornado only briefly touched down and was very intermittent along the entire 2.25 mile track. EF-0 tornado damage occurred at the Graystone RV Park at the intersection of E Greenwood Road and the Baldwin Beach Express and to the northeast of the Baldwin Beach Express at a mobile home community along County Road 38 S. A recreational vehicle was blown over onto a pickup truck damaging both the RV and a nearby pickup truck. A few additional recreation vehicles were also shifted slightly from their resting locations. There was minor tree damage at this location as well. The tornado produced 70 to 75 mph winds at this location. To the northeast at the mobile home community several mobile homes had damage to the skirting along the bottom of the mobile homes. In addition, loose objects to include patio furniture and children's toys were thrown about. The tornado produced winds to 65 mph at the mobile home community. The tornado again lifted and then again touchdown to the northeast and struck a metal outbuilding removing large portions of the metal roofing and bending and twisting the roofing and side support beams. A large section of the metal roof was also launched 75 yards over a nearby home and landed in the front yard. A small tractor combine was also overturned. The tornado had intensified at this location and was rated as an EF-1 with winds estimated at 95 mph. The tornado lifted and rapidly dissipated in an open field just beyond the damaged metal outbuilding.				
A multi-day severe weather episode occurred across southeast Mississippi into southwest and south-central Alabama and the Florida Panhandle with round #1 beginning the afternoon of December 27th and lasting through the evening hours and round #2 beginning the afternoon of December 28th and lasting into the early morning hours of December 29th. Multiple tornadoes and areas of damage were				

Storm Data and Unusual Weather Phenomena - December 2024

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