

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
AUTAUGA COUNTY --- 3.6 NW AUTAUGAVILLE [32.47, -86.71]				
	03/03/19 13:15 CST		0	Thunderstorm Wind (EG 50 kt)
	03/03/19 13:15 CST		0	Source: Emergency Manager
Several trees uprooted along County Road 45.				
AUTAUGA COUNTY --- 3.3 SSE INDEPENDENCE [32.49, -86.69]				
	03/03/19 13:16 CST		0	Thunderstorm Wind (EG 50 kt)
	03/03/19 13:16 CST		0	Source: Emergency Manager
Several trees uprooted along County Road 19 north of the city of Autaugaville.				
AUTAUGA COUNTY --- 2.4 NE MULBERRY [32.47, -86.75], 3.0 NE MULBERRY [32.48, -86.74]				
	03/03/19 13:19 CST		0	Tornado (EF0, L: 0.62 mi , W: 70 yd)
	03/03/19 13:20 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in southwest Autauga County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph. A brief tornado touched down just to the west of County Road 33 northwest of Autaugaville. It traveled northeast paralleling County Road 33 for a short distance before lifting. Only tree damage was observed along the path with several trees uprooted and some large limbs broken.				
MACON COUNTY --- 2.2 WNW SOCIETY HILL [32.45, -85.48], 2.0 NNE SOCIETY HILL [32.46, -85.44]				
	03/03/19 14:00 CST		0	Tornado (EF1, L: 2.75 mi , W: 758 yd)
	03/03/19 14:03 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in far northeast Macon County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 88 mph.				
The tornado touched down near Rogers Road just north of U.S. Highway 80. Numerous pine trees were uprooted as the tornado tracked northeast and crossed Callaway Baker Road, Highway 33 and Highway 43. The tornado began to strengthen as it moved east of Highway 43 and uprooted more pine trees before crossing into Lee County near Lee Road 812.				
LEE COUNTY --- 5.1 W BUPREE [32.46, -85.44], 0.5 NW STONEWALL [32.58, -85.06]				
	03/03/19 14:03 CST	23	0	Tornado (EF4, L: 23.55 mi , W: 1600 yd)
	03/03/19 14:29 CST	90	0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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National Weather Service meteorologists surveyed damage in far southern Lee County and determined that it was consistent with an EF4 tornado, with maximum sustained winds near 170 mph.

This track is a continuation of a track that began in Macon County. The tornado crossed into Lee County near Lee Road 812 and tracked northeast to County Road 29 where it removed the roof and collapsed several cinder block walls of a church. The tornado continued to intensify as it approached County Road 11, where it peeled sheet metal off of the porch of a home and ripped some sheet metal off of two outdoor storage sheds and continued to uproot numerous pine trees. Debris from structures and their contents were strewn along a tree line to the east of their original location and some evidence of weak ground rowing was observed along the surface tornado path.

The tornado reached its peak intensity just south of the intersection of Lee County Road 36 and Lee County Road 39, where it rolled a manufactured home and emptied its contents nearby on the northern side of the track. Additional damage toward the southern portion of the track included the complete destruction of a house with all debris tossed a short distance from the foundation. The tornado bent the frame of a car around the remnant of a large tree whose upper portion had broken off and totaled three vehicles by severe impacts into the bases of two remaining tree stubs. Farther east on the other side of a small lake, a well-anchored and constructed home was leveled with debris removed from the foundation and anchored bolt screws remaining intact. Toward the northern edge of the tornado, the destruction of two double-wide and a single-wide manufactured home was observed. This was the peak intensity of the tornado due to the combination of damage to the two houses along with extensive severe tree damage including trees snapped at their bases and large trees with expansive root systems uprooted along with some sporadic evidence of ground rowing.

The tornado began to decrease in intensity as it continued east roughly paralleling Lee County Road 39 where two manufactured homes were destroyed with most debris deposited away from the original location and both of the metal frames of the mobile homes could not be located. Another manufactured home was destroyed with its contents deposited in a swath from the site into the remains of a nearby tree line. A car was found in an overturned position against a hardy tree stripped of most limbs with a mattress from a bed wrapped around the mid portion of the tree. A badly mangled metal frame of a manufactured home and debris displaced nearby was all that remained of one residence. Nearby a tractor trailer rig was on its side and shoved around a sturdy tree while a nearby site-built home lost nearly all of its exterior walls with debris remaining on or near the home site. Severe tree destruction continued in this area with trees snapped at their bases and uprooted. To the north of Lee County Road 39, significant debris was deposited in a wooded area where the tornado performed significant timber damage and toppled at least one high-tension power line tower.

After demolishing two double-wide and a single-wide manufactured home the tornado tracked northeast and crossed Lee County Road 51 just north of the intersection with Lee County Road 39. A double-wide manufactured home was moved off of its base and the exterior walls collapsed on a family residence along with significant tree damage.

Some weakening occurred farther east as the tornado crossed Lee County Road 38 where it deposited a large amount of debris into a ragged forested area. The tornado crossed Lee County Road 100 and Lee County Road 166 where it caused damage to trees with some trunks snapped and some trees uprooted.

Tornado damage was observed along Lee County Road 165 and along portions of Lee County Road 40 and Lee County Road 2049. Exterior walls of a family residence were removed and a significant loss of roofing material from a house and a manufactured home were observed. The tornado flipped a manufactured home and deposited its contents nearby along with destroying the roof and walls of a single-wide manufactured home.

The tornado crossed Lee County Road 170 and County Road 175, and then Highway 169 with significant damage to timber along this path. The tornado crossed Lee County Road 245 and Lee County Road 179 with damage to the roof of a house near County Road 239 along with more timber damage. As it approached Smiths Station, the tornado crossed Fullers Lake where it rolled a manufactured home and caused some loss of roofing material to a house. Additional damage occurred along Lee County Road 294 and Lee County Road 298 where a professional building lost some of its roofing materials. Damage also occurred to siding and roofing at several small homes that were not well constructed. As the tornado crossed U.S. Highway 280 it caused some roof damage to a restaurant, damaged a billboard and collapsed a cellular service communications tower. The tornado moved across Lee County Road 318 where some roof damage to homes occurred along with significant timber damage. The tornado moved tracked towards the Chattahoochee River where it caused roof damage to some houses near the river and downed a metal high-tension power line tower. The tornado crossed the Chattahoochee River and continued into Georgia.

There were 23 fatalities and 90 injuries. The American Red Cross estimated 225 homes were destroyed, while another 133 homes sustained major damage.

Direct Fatalities: F59MH, F68MH, F69MH, M63MH, F62MH, M65MH, F63MH, M38MH, M86MH, M59MH, F59MH, M10MH, M53MH, F41MH, M6MH, F22MH, M22MH, M9MH, F8MH, F57PH, M89PH, M53PH, F83PH

MACON COUNTY --- 4.5 ESE CARVER COURT [32.35, -85.74], 1.5 NE SOCIETY HILL [32.45, -85.44]	03/03/19 14:27 CST	0	Tornado (EF2, L: 19.16 mi , W: 1300 yd)
	03/03/19 14:46 CST	0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
National Weather Service meteorologists surveyed damage in Macon County and determined that it was consistent with an EF2 tornado, with maximum sustained winds near 115 mph.				
The tornado touched down near the Mount Andrew community, along County Road 67. The damage was relatively weak and confined to tree damage as the tornado roughly paralleled County Road 67. The tornado crossed County Road 45 and then turned towards the northeast. It strengthened as it approached US Highway 29. The most concentrated and highest damage occurred in this location. Several stands of trees were completely uprooted, with none left standing. Many thousands of trees were uprooted in and near this spot. The tornado then crossed County Road 10, Red Road, and County Road 71. Many hundreds of trees were uprooted along this part of the damage path. As the tornado moved across County Road 24, Fitzpatrick Road and County Road 91, numerous trees were uprooted, several homes suffered varying degrees of roof damage, a few outbuildings were destroyed, and a farm irrigation system was damaged. The tornado moved across US Highway 80 and Highway 43 before crossing into Lee County.				

LEE COUNTY --- 5.1 WNW MARVYN [32.45, -85.44], 1.5 WSW PRINCE XRD [32.49, -85.27]				
	03/03/19 14:46 CST		0	Tornado (EF1, L: 9.91 mi , W: 1300 yd)
	03/03/19 14:57 CST	1	0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in far southern Lee County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 105 mph.

This tornado was a continuation of the Macon County Tornado. The tornado entered Lee County about 1.2 miles north of Highway 80. It traveled northeast and crossed County Road 29, County Road 11, Cave Mill Road, and Alabama Highway 51. It continued northeast across County Road 166, County Road 165, and finally lifted near County Road 170. Numerous trees were snapped off and uprooted across southern Lee County. Many mobile homes and frame homes suffered varying degrees of roof damage. Two mobile homes were rolled over near the end of the damage path and one person was injured.

BULLOCK COUNTY --- 0.4 S BOSWELL [31.96, -85.78], 0.6 SE BOSWELL [31.96, -85.77]				
	03/03/19 15:15 CST		0	Tornado (EF0, L: 0.42 mi , W: 50 yd)
	03/03/19 15:16 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in far southern Bullock County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 65 mph.

A brief tornado touched down just west of County Road 27. It tracked east crossing County Road 27 and very briefly paralleled County Road 8 before lifting. Several trees were snapped or uprooted.

BARBOUR COUNTY --- 3.9 SSW BATESVILLE [31.97, -85.34], 1.4 SSW LUGO [31.95, -85.23]				
	03/03/19 15:45 CST		0	Tornado (EF2, L: 6.68 mi , W: 700 yd)
	03/03/19 15:55 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in Barbour County and determined that it was consistent with an EF2 tornado, with maximum sustained winds near 115 mph.

A tornado touched down near Mary C Smith Road, just north of County Road 79. The initial damage was limited to trees being snapped and uprooted. The tornado tracked eastward and crossed County Road 79 and Reverend Crawford Road. Once again, there were numerous trees snapped and uprooted in these areas. The most significant damage occurred just east of Reverend Crawford Road, where all trees in a large area were completely mowed down. Additionally, a large wooden double power pole was also knocked down. At this point, the tornado turned slightly to the right, eventually lifting just east of Lee Clayton Road. Hundreds of additional trees were snapped and uprooted.

BARBOUR COUNTY --- 1.4 W EUFAULA WEEDON ARPT [31.95, -85.15], 2.7 E EUFAULA WEEDON ARPT [31.95, -85.08]				
	03/03/19 15:58 CST		0	Tornado (EF2, L: 4.20 mi , W: 600 yd)
	03/03/19 16:03 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in Barbour County and determined that it was consistent with an EF2 tornado, with maximum sustained winds near 130 mph.

A tornado touched down about 4 miles north of the city of Eufaula, near the end of Hidden Acres Road. At this initial point, several trees were knocked down and a few outbuildings were damaged. The tornado tracked east and crossed County Road 97, snapping or uprooting numerous trees. A few mobile homes suffered damage, and a few homes suffered some roof damage. The tornado then entered the Weedon Field Airport complex. This is where the most extensive damage occurred. Numerous trees around the complex were snapped and uprooted. One home suffered damage, several metal structure buildings were completely destroyed, and several airplanes were damaged or destroyed, and the Eufaula ASOS was destroyed. The tornado continued eastward and weakened slightly after crossing US Highway 431. The tornado damaged a few buildings and uprooted trees along Roseland Drive. The tornado then crossed the Chattahoochee River and into Georgia.

On the morning of Sunday March 3rd, 2019, an upper-level disturbance moved eastward from the Southern Plains into the southern Gulf Coast States. As favorable upper-level support and deep-layer forcing approached the lower Mississippi River Valley, a surface low pressure developed and moved northeastward into Central Alabama by late morning. Ahead of this surface low, a warm front initially

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<p>along the Florida Panhandle moved northward allowing for the transport of warm, moist unstable air into southern and southeastern Central Alabama. This frontal boundary eventually became more stationary and stalled out north of the I-85 corridor as the strengthening surface low moved eastward. During this time, a large area of elevated thunderstorms affected portions northern Central Alabama while supercell thunderstorms initiated across the favorable warm sector. As these supercells intensified during the afternoon, parameters became favorable for tornadic thunderstorms in an area along and south of the I-85 corridor.</p>				
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LAMAR COUNTY --- DETROIT [34.03, -88.17]	03/14/19 12:27 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 12:27 CST	0		Source: Emergency Manager
Several trees uprooted in the city of Detroit.				
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LAMAR COUNTY --- 2.8 SSW HIGHTOGY [33.66, -88.11]	03/14/19 13:50 CST	0		Hail (1.50 in)
	03/14/19 13:50 CST	0		Source: Public
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LAMAR COUNTY --- 7.4 WNW FERNBANK [33.59, -88.25]	03/14/19 14:02 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 14:02 CST	0		Source: Emergency Manager
Several trees uprooted near Country lane Road.				
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FAYETTE COUNTY --- 1.4 N FAYETTE [33.70, -87.83]	03/14/19 14:12 CST	0		Hail (1.75 in)
	03/14/19 14:12 CST	0		Source: Public
Large hail reported in the city of Fayette.				
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WINSTON COUNTY --- 2.7 WNW GRAYSON [34.30, -87.36]	03/14/19 14:17 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 14:17 CST	0		Source: Emergency Manager
Several trees uprooted along County Road 6 in the Bankhead National Forest.				
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WINSTON COUNTY --- 0.7 N NATHAN [34.09, -87.20]	03/14/19 14:39 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 14:39 CST	0		Source: Public
Bleachers blown over and baseball dugout damaged.				
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PICKENS COUNTY --- 5.6 ENE PALMETTO [33.51, -87.89]	03/14/19 14:46 CST	0		Hail (1.00 in)
	03/14/19 14:46 CST	0		Source: Public
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TUSCALOOSA COUNTY --- 4.3 NNW MOORES BRIDGE [33.51, -87.80]	03/14/19 14:50 CST	0		Hail (0.88 in)
	03/14/19 14:50 CST	0		Source: Public
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WINSTON COUNTY --- 0.6 W ARLEY [34.07, -87.23]	03/14/19 14:52 CST	0		Hail (1.00 in)
	03/14/19 14:52 CST	0		Source: Emergency Manager
Large hail reported on Hickory Lane.				
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WINSTON COUNTY --- 0.6 W ARLEY [34.07, -87.23]	03/14/19 14:52 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 14:52 CST	0		Source: Emergency Manager
Several trees uprooted on Hickory Lane.				
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BLOUNT COUNTY --- LOCUST FORK [33.90, -86.62]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/14/19 14:56 CST		0	Thunderstorm Wind (EG 50 kt)
	03/14/19 14:56 CST		0	Source: Emergency Manager
Several trees uprooted near the town of Locust Fork.				
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WALKER COUNTY --- 0.7 S JASPER [33.82, -87.28]				
	03/14/19 14:58 CST		0	Hail (1.00 in)
	03/14/19 14:58 CST		0	Source: Emergency Manager
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TUSCALOOSA COUNTY --- 0.6 E NEW LEXINGTON [33.57, -87.66]				
	03/14/19 15:03 CST		0	Hail (1.00 in)
	03/14/19 15:03 CST		0	Source: Trained Spotter
Large hail reported along Highway 43.				
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TUSCALOOSA COUNTY --- 2.4 SSE NEW LEXINGTON [33.54, -87.65]				
	03/14/19 15:10 CST		0	Hail (0.88 in)
	03/14/19 15:10 CST		0	Source: Public
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WALKER COUNTY --- 1.8 NE EMPIRE [33.82, -86.98]				
	03/14/19 15:18 CST		0	Thunderstorm Wind (EG 50 kt)
	03/14/19 15:18 CST		0	Source: Emergency Manager
Several trees uprooted and power lines downed.				
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TUSCALOOSA COUNTY --- 3.3 SSW COKER [33.19, -87.73]				
	03/14/19 15:34 CST		0	Hail (0.75 in)
	03/14/19 15:34 CST		0	Source: Public
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WALKER COUNTY --- 4.9 SW DRIFTON [33.63, -87.32]				
	03/14/19 15:34 CST		0	Hail (1.00 in)
	03/14/19 15:34 CST		0	Source: Public
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PICKENS COUNTY --- 5.6 ENE PALMETTO [33.51, -87.89]				
	03/14/19 15:43 CST		0	Hail (1.00 in)
	03/14/19 15:43 CST		0	Source: Public
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BLOUNT COUNTY --- 1.3 ENE HAYDEN [33.89, -86.75]				
	03/14/19 15:45 CST		0	Thunderstorm Wind (EG 50 kt)
	03/14/19 15:45 CST		0	Source: Emergency Manager
Several trees uprooted near the city of Hayden.				
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BLOUNT COUNTY --- 0.6 E LOCUST FORK [33.90, -86.61]				
	03/14/19 15:50 CST		0	Thunderstorm Wind (EG 50 kt)
	03/14/19 15:50 CST		0	Source: Emergency Manager
Several trees uprooted near the town of Locust Fork.				
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BLOUNT COUNTY --- 2.5 W ALLGOOD [33.93, -86.54], 2.0 NNW ALLGOOD [33.95, -86.51]				
	03/14/19 16:04 CST		0	Tornado (EF0, L: 2.58 mi , W: 115 yd)
	03/14/19 16:09 CST		0	Source: NWS Storm Survey

National Weather Service meteorologists surveyed damage in Blount County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 65 mph.

The tornado touched down along Tim King Road with several soft and hardwood trees uprooted. It tracked northeast and into a valley region. Many locations throughout the valley were inaccessible due to the terrain. The tornado moved into slightly higher ground as it lifted before reaching Sawyer Mountain Road, with additional tree damage and damage to a porch structure on a well-built single family home.

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BLOUNT COUNTY --- 2.3 NE ARMSTEAD [33.89, -86.54], 2.2 SSE ONEONTA ROBBINS ARPT [33.94, -86.37]				
	03/14/19 16:05 CST	0		Tornado (EF1, L: 10.76 mi , W: 1175 yd)
	03/14/19 16:23 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Blount County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 90 mph.				
The tornado touched down near Tidwell Hollow Rd where several soft and hardwood trees were damaged and uprooted. The tornado tracked northeast along Tidwell Hollow Rd crossing Lake Drive. It then crossed over a mobile home park where additional trees were uprooted and numerous mobile homes were severely damaged or destroyed from falling trees. It is noteworthy that nearly all of the mobile homes and several vehicles damaged were due to uprooted trees and not direct wind damage. The tornado continued northeast along Highway 75, where an outdoor building was completely destroyed. The tornado then crossed Boat Landing Road where numerous soft and hardwood trees were snapped or uprooted. This is the approximate location of where the tornado first reached EF1 intensity. The tornado then continued east along Springville Blvd., where additional trees were uprooted and several single family homes sustained minor roof damage. A destroyed barn was also observed near Old Brook Lane. The tornado continued eastward and weakened near Woodard Drive where additional trees were uprooted. Farther east-northeastward, more damage from the tornado was observed from a second survey team. Most of the damage throughout the remainder of the track was non-contiguous and primarily affected trees and vegetation. The tornado crossed into Etowah County near Blakely Road.				
ETOWAH COUNTY --- 6.2 SSW ALTOONA [33.94, -86.37], 4.9 S ALTOONA [33.95, -86.32]				
	03/14/19 16:23 CST	0		Tornado (EF0, L: 2.69 mi , W: 1175 yd)
	03/14/19 16:25 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Etowah County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.				
This tornado is a continuation of a track from Blount County. Most of the damage throughout Etowah County was non-contiguous and primarily affected trees and vegetation. However, minor roof and structural damage was observed along Mountain View Church Road and Mountain Ridge Road. The tornado crossed into St. Clair County just east of Cliff Springs Road.				
ST. CLAIR COUNTY --- 5.6 NNW WHITNEY [33.95, -86.32], 5.2 NW STEELE [33.98, -86.27]				
	03/14/19 16:25 CST	0		Tornado (EF0, L: 3.75 mi , W: 1175 yd)
	03/14/19 16:29 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in St. Clair County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.				
This tornado is a continuation of a track from Etowah County. The tornado crossed into St. Clair County just east of Cliff Springs Road and took a sharp turn towards the northwest when it crossed Gallant Road. The tornado then lifted near the intersection of Gallant Road and Clear Springs Drive. Damage in St. Clair County consisted of mainly uprooted softwood trees. The tornado lifted near the intersection of Gallant Road and Clear Springs Drive.				
TUSCALOOSA COUNTY --- 3.4 NNW KELLERMAN [33.37, -87.35], 3.5 N KELLERMAN [33.38, -87.33]				
	03/14/19 16:25 CST	0		Tornado (EF0, L: 1.24 mi , W: 50 yd)
	03/14/19 16:28 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Tuscaloosa County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 60 mph.				
The survey team was unable to access the area where the tornado began. Based on RADAR velocity, reflectivity, and dual-pol data, the tornado was estimated to have started in a forested area about one-third of a mile southwest of Humphries Drive. This point is located west of County Road 59/Lock 17 Road and east of the Black Warrior River, due north of the Brookwood community. The tornado traveled northeast crossing Humphries Drive and lifted along Antioch Community Road. Damage primarily consisted of downed trees, but one mobile home sustained very minor damage to the underpinning.				
HALE COUNTY --- 0.6 E AKRON [32.87, -87.72]				
	03/14/19 16:33 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 16:33 CST	0		Source: Emergency Manager
Several trees uprooted along State Highway 60 near the town of Akron.				
WINSTON COUNTY --- LYNN [34.05, -87.55]				
	03/14/19 16:43 CST	0		Hail (0.88 in)
	03/14/19 16:43 CST	0		Source: Public

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ST. CLAIR COUNTY --- 0.7 S ST CLAIR [33.77, -86.43]				
	03/14/19 16:47 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 16:47 CST	0		Source: Public
Several trees uprooted and power lines downed.				
ST. CLAIR COUNTY --- 2.8 SSW ST CLAIR SPGS [33.73, -86.41]				
	03/14/19 16:47 CST	0		Thunderstorm Wind (EG 50 kt)
	03/14/19 16:47 CST	0		Source: Public
Several trees uprooted and snapped off.				
ST. CLAIR COUNTY --- 3.6 SE ST CLAIR SPGS [33.73, -86.36], 4.3 N WATTSVILLE [33.73, -86.29]				
	03/14/19 16:54 CST	0		Tornado (EF0, L: 4.71 mi , W: 530 yd)
	03/14/19 17:03 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in St. Clair County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 90 mph.				
The tornado touched down near St. Clair Road, about one-half mile northwest of Highway 411. The tornado damaged a few chicken houses and uprooted some trees at its onset. The tornado tracked northeast and produced widespread damage around Friendship Lane and Friendship Mountain Road. Hundreds of trees were snapped off and uprooted, and a few homes suffered roof damage from fallen trees. Several outbuildings were destroyed and several roads were blocked by downed trees. The tornado moved east northeast over the mountain and produced widespread damage along County Road 22. Hundreds of trees were uprooted, a few structures were damaged from fallen trees, and outbuildings were damaged. The tornado then turned towards the east southeast and lifted near US Highway 231.				
PERRY COUNTY --- 3.2 ENE MORGAN SPGS [32.76, -87.37], 1.0 NW HEIBERGER [32.76, -87.29]				
	03/14/19 17:19 CST	0		Tornado (EF0, L: 4.48 mi , W: 100 yd)
	03/14/19 17:26 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Perry County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 70 mph.				
The tornado touched down in rural northwest Perry County near Willie Martin Road. This location is about 5 miles northwest of Heiberger. The tornado tracked due east and crossed Burlia Curb Road, and Jack Green Road. The tornado lifted just east of the intersection of Alvin Carter Road and Ironville Road. The tornado damage was limited to trees in this rural area. Numerous trees were snapped off and uprooted and a few trees blocked roadways.				
CALHOUN COUNTY --- 4.6 NW GRAYTON [33.85, -86.03], 4.5 NNW GRAYTON [33.85, -86.01]				
	03/14/19 17:22 CST	0		Tornado (EF0, L: 1.18 mi , W: 200 yd)
	03/14/19 17:24 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in far northwest Calhoun County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 65 mph.				
The same supercell that produced a tornado in the Friendship community of St. Clair County produced another tornado in extreme northwest Calhoun County, just north of the town of Ohatchee. The tornado touched down along Greensport Road just west of Cochran Springs Road. It paralleled Greensport Road for approximately three-quarters of a mile, crossed Dodd Gap Rd and lifted between Dodd Gap Road and Greensport Road. Damage mainly consisted of snapped and uprooted trees, but one residence sustained very minor shingle damage.				
PERRY COUNTY --- 4.1 W BETHLEHEM [32.80, -87.17], 2.8 NE OAKMULGEE [32.83, -87.02]				
	03/14/19 17:37 CST	0		Tornado (EF1, L: 9.13 mi , W: 300 yd)
	03/14/19 17:56 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Perry County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 90 mph.				
The same supercell that produced the tornado near Heiberger produced another tornado in northeast Perry County. The tornado touched down west of AL Highway 219 near the intersection of Fire Tower Road and Sherman Huey Road. This location is about 10 miles south southwest of Centreville. Several trees were snapped off and many trees had broken branches. The tornado tracked northeast and crossed Highway 219 near the intersection of Star Circle. This is where the most concentrated damage occurred. Numerous trees were snapped off and uprooted and some power poles were downed. Several outbuildings were damaged here mainly due to fallen trees. The tornado continued east northeast and crossed Foster Road, Whitetail Road, Buck Road, and Mill Creek Road and then crossed into Chilton County. Hundreds of trees were snapped off or uprooted.				

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MARENGO COUNTY --- 0.7 WSW SIDDONSVILLE [32.40, -87.61], 3.4 ESE FAUNSDALE [32.42, -87.53]				
	03/14/19 17:39 CST		0	Tornado (EF0, L: 5.06 mi , W: 150 yd)
	03/14/19 17:49 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Marengo County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.				
The tornado touched down just west of the intersection of Highway 25 and County Road 59, northeast of the town of Dayton. Several trees were snapped off and a couple homes suffered minor damage. One home sustained significant roof damage. The tornado tracked northeast and caused sporadic tree damage along County Road 12 and Barry Brackin Road. The tornado lifted just north of County Road 53, just before the Perry County line. A home suffered minor damage and there was some minor tree damage near the end point.				
CHILTON COUNTY --- 8.8 WNW MAPLESVILLE [32.83, -87.02], 8.6 WNW MAPLESVILLE [32.83, -87.01]				
	03/14/19 17:56 CST		0	Tornado (EF0, L: 0.31 mi , W: 185 yd)
	03/14/19 17:57 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Chilton County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph. This tornado is a continuation of a track from Perry county. The tornado was only in Chilton County briefly before lifting, mainly uprooting some softwood trees.				
CHILTON COUNTY --- 0.9 NE HUBBARD [32.91, -86.82]				
	03/14/19 18:17 CST		0	Hail (1.00 in)
	03/14/19 18:17 CST		0	Source: Public
PERRY COUNTY --- 6.2 SSE ELLAWHITE [32.34, -87.47], 6.8 SSE TAYLOE [32.35, -87.42]				
	03/14/19 18:27 CST		0	Tornado (EF0, L: 2.70 mi , W: 300 yd)
	03/14/19 18:32 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Perry County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.				
The tornado touched down just west of Central Mills Road (County Road 1) in far southern Perry County. The tornado tracked eastward and crossed County Road 1 and White Hill Road where several trees were snapped. One home had a large section of its roof removed, but it appears that the wind got under the porch overhang, and lifted metal paneling and roof. The tornado then took a left turn and crossed Little Chilatchee Creek and Reverend R.L. Flowers Road before entering Dallas County. The damage was mainly limited to trees.				
DALLAS COUNTY --- 4.5 NW BLALOCK [32.35, -87.42], 4.4 NNW BLALOCK [32.36, -87.42]				
	03/14/19 18:32 CST		0	Tornado (EF0, L: 0.24 mi , W: 88 yd)
	03/14/19 18:33 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Dallas County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 75 mph.				
This tornado was a continuation of a track from Perry County. The tornado entered Dallas County about one-half mile north of County Road 54. It lifted shortly after entering the county producing mainly tree damage.				
CHILTON COUNTY --- 3.1 SSW JUMBO [32.93, -86.62], 0.4 NE CLANTON WARE IS ARPT [32.96, -86.52]				
	03/14/19 18:39 CST		0	Tornado (EF0, L: 6.12 mi , W: 350 yd)
	03/14/19 18:52 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Chilton County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 85 mph.				
The tornado touched down just east of Interstate 65 near Alabama Highway 145 and produced minor tree damage and roofing/wall damage to a site-built home. As the tornado tracked eastward, the density of damage increased. Several pine trees were snapped and uprooted, along with sheet metal peeling off of manufactured homes and barns/outbuildings near County Road 249. A mixture of tree damage and minor structural damage was observed all the way to Lay Lake. The tornado crossed Lay Lake near County Road 55 and into Coosa County.				
COOSA COUNTY --- 7.6 SSW MARBLE VLY [32.96, -86.52], 3.5 SSE MARBLE VLY [33.00, -86.43]				
	03/14/19 18:52 CST		0	Tornado (EF0, L: 5.79 mi , W: 350 yd)
	03/14/19 19:06 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>National Weather Service meteorologists surveyed damage in Coosa County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 85 mph. This tornado was a continuation of a track from Chilton County.</p> <p>The tornado crossed Lay Lake near County Road 55. It produced tree damage along Coosa County Road 125. Due to sub-par road conditions and gated roadways, the survey team was not able to follow any further damage into the heavily forested area. Based on an increasingly broad mesocyclone on radar and a dissipating TDS, the tornado was terminated within the forested area northeast of Little Tom Road.</p>				
<hr/>				
COOSA COUNTY --- 2.6 E WEOGUFKA [33.02, -86.27], 3.2 E WEOGUFKA [33.02, -86.27]				
	03/14/19 19:21 CST		0	Tornado (EF0, L: 0.62 mi , W: 40 yd)
	03/14/19 19:23 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in Coosa County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 70 mph.</p> <p>This brief weak tornado was from the same storm that produced the EF0 tornado in far western Coosa County. The only damage observed consisted of snapped and uprooted trees.</p>				
<hr/>				
AUTAUGA COUNTY --- 2.9 ESE BONITA [32.53, -86.79], 2.0 W JOFFRE [32.57, -86.68]				
	03/14/19 19:44 CST		0	Tornado (EF1, L: 7.09 mi , W: 250 yd)
	03/14/19 19:55 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in Autauga County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 100 mph.</p> <p>The tornado touched down near the intersection of County Road 15 and County Road 45. At onset a few homes suffered minor roof damage and several trees were uprooted or snapped off. The tornado tracked northeast along County Road 15 and damaged numerous trees. The tornado turned eastward and crossed County Road 38, County Road 40, County Road 79, and County Road 137. The tornado weakened and narrowed east of County Road 137, and lifted before it crossed U.S. Highway 82. Trees were uprooted or snapped along the entire path.</p>				
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ELMORE COUNTY --- 1.3 NW HOLTVILLE [32.64, -86.34], 2.5 SW WEOKA [32.69, -86.20]				
	03/14/19 20:32 CST		0	Tornado (EF2, L: 8.58 mi , W: 650 yd)
	03/14/19 20:48 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in Elmore County and determined that it was consistent with an EF2 tornado, with maximum sustained winds near 120 mph.</p> <p>The tornado touched down near Shoal Creek Drive on the western shores of Jordan Lake. The initial damage was rather weak and confined to tree damage. The tornado intensified quickly as it moved across Blackberry Road. Many homes suffered minor roof damage and numerous trees were snapped off or uprooted. Several landed on homes. The tornado then crossed Jordan Lake and produced damage to homes on Red Bone Drive, Speigner Road, Shady Lane Road, Jones Corner Road, Montana Drive and Dakota Drive. Hundreds of trees were uprooted with many power poles downed and several homes suffered roof damage. The tornado continued northeastward and crossed Thornton Road. This is where the worst damage occurred. Several homes lost entire roofs and a few walls in this location. The tornado continued northeast and crossed U.S. Highway 231, producing damaged along Laurel Creek Road. One service station sustained extensive damage and numerous trees and power lines were downed in this area. The tornado paralleled Laurel Creek Road and knocked trees down until lifting just before Antioch Road. Over the entire path, at least 35 power poles were snapped and downed, at least 50 structures suffered damage, two convenience stores were damaged, a few homes had roofs removed and walls collapsed, and one car was moved over 30 yards.</p>				
<hr/>				
RANDOLPH COUNTY --- 1.2 W WEDOWEE [33.30, -85.49], 2.9 NW CORBIN [33.33, -85.43]				
	03/14/19 21:00 CST		0	Tornado (EF0, L: 4.38 mi , W: 75 yd)
	03/14/19 21:09 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in Randolph County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 70 mph.</p> <p>The tornado touched down near 4th Street West just west of Highway 431. At the onset there were several softwood trees uprooted. Damage was very spotty and isolated, suggestive of a fairly weak circulation. A barn/outbuilding was destroyed along with roofing damage to the corner of one of five chicken houses just east of County Road 56, with no nearby tree damage. The tornado lifted just before Highway 48.</p>				
<p>A widespread severe weather event occurred across central Alabama during the afternoon and evening hours on Thursday, March 14th. The event began in the northwest counties and spread eastward all the way to the Georgia state line. A strong low level jet of 40-50 knots, combined with moderate instability (1000-1500 J/kg) and 0-6km bulk shear of 55-50 knots, produced an atmosphere favorable for severe thunderstorms and supercells.</p>				
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HALE COUNTY --- 2.4 SSW WEDGEWORTH [32.77, -87.77]				

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/25/19 15:21 CST		0	Hail (1.25 in)
	03/25/19 15:21 CST		0	Source: Public
<hr/>				
BIBB COUNTY --- 2.1 S SIX MILE [32.99, -87.00]				
	03/25/19 15:32 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 15:32 CST		0	Source: Public
Several trees uprooted and power lines downed.				
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HALE COUNTY --- 3.5 W EVANSVILLE [32.82, -87.81]				
	03/25/19 15:40 CST		0	Hail (0.88 in)
	03/25/19 15:40 CST		0	Source: Public
<hr/>				
TALLADEGA COUNTY --- CHILDERSBURG [33.27, -86.37]				
	03/25/19 15:43 CST		0	Hail (1.00 in)
	03/25/19 15:43 CST		0	Source: Public
Large hail covering the ground in the city of Childersburg.				
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TALLADEGA COUNTY --- 2.1 S KYMULGA [33.30, -86.30]				
	03/25/19 15:45 CST		0	Hail (1.75 in)
	03/25/19 15:45 CST		0	Source: Storm Chaser
Large hail covering the ground along Highway 76 east of Childersburg.				
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TALLADEGA COUNTY --- 1.5 NNW SYCAMORE [33.27, -86.21]				
	03/25/19 15:47 CST		0	Hail (1.00 in)
	03/25/19 15:47 CST		0	Source: Public
<hr/>				
HALE COUNTY --- 4.9 N GREENSBORO [32.77, -87.59]				
	03/25/19 15:55 CST		0	Hail (1.00 in)
	03/25/19 15:55 CST		0	Source: Public
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CHILTON COUNTY --- CLANTON [32.83, -86.65]				
	03/25/19 16:09 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:09 CST		0	Source: Emergency Manager
Several trees uprooted and large section of a roof torn off a building in downtown Clanton.				
<hr/>				
CHILTON COUNTY --- 1.4 ENE VERBENA [32.76, -86.50]				
	03/25/19 16:18 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:18 CST		0	Source: Emergency Manager
Several trees uprooted around the town of Verbena.				
<hr/>				
HALE COUNTY --- 0.6 W GALLION [32.50, -87.71]				
	03/25/19 16:29 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:29 CST		0	Source: Fire Department/Rescue
Several trees uprooted in the town of Gallion.				
<hr/>				
CHILTON COUNTY --- 0.6 E PLETCHER [32.70, -86.79]				
	03/25/19 16:31 CST		0	Hail (1.00 in)
	03/25/19 16:31 CST		0	Source: Fire Department/Rescue
Quarter sized hail along Highway 82.				
<hr/>				
ELMORE COUNTY --- 0.6 W TITUS [32.72, -86.33]				
	03/25/19 16:34 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:34 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees uprooted along County Road 29.				
ELMORE COUNTY --- TITUS [32.72, -86.32]				
	03/25/19 16:36 CST		0	Hail (1.00 in)
	03/25/19 16:36 CST		0	Source: Public
ELMORE COUNTY --- 1.2 W CENTRAL EVANS ARPT [32.70, -86.15]				
	03/25/19 16:50 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:50 CST		0	Source: Emergency Manager
Several trees uprooted along Bradley Road.				
DALLAS COUNTY --- 5.7 NNW BURNSVILLE [32.54, -86.93]				
	03/25/19 16:54 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 16:54 CST		0	Source: Emergency Manager
Several trees uprooted along County Road 84.				
DALLAS COUNTY --- 4.1 NNW BURNSVILLE [32.52, -86.92]				
	03/25/19 17:02 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 17:02 CST		0	Source: Emergency Manager
Several trees uprooted along County Road 264.				
SUMTER COUNTY --- 4.8 S SILOAM [32.36, -88.27]				
	03/25/19 17:02 CST		0	Hail (0.88 in)
	03/25/19 17:02 CST		0	Source: Fire Department/Rescue
TALLAPOOSA COUNTY --- 4.3 WNW CHURCH HILL [32.67, -85.87]				
	03/25/19 17:13 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 17:13 CST		0	Source: Emergency Manager
Several trees uprooted.				
DALLAS COUNTY --- 0.6 NW SADIS [32.29, -86.99]				
	03/25/19 17:33 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 17:33 CST		0	Source: Emergency Manager
Several trees uprooted near the intersection of Highway 41 and County Road 30.				
MACON COUNTY --- 0.5 S NOTASULGA [32.56, -85.67]				
	03/25/19 17:33 CST		0	Hail (0.88 in)
	03/25/19 17:33 CST		0	Source: Broadcast Media
DALLAS COUNTY --- 2.8 SSW TYLER [32.29, -86.89]				
	03/25/19 17:35 CST		0	Thunderstorm Wind (EG 50 kt)
	03/25/19 17:35 CST		0	Source: Emergency Manager
Several trees uprooted along County Road 7.				
<p>A strong cold front moved through central Alabama during afternoon and early evening on March 25th. Low and mid level instability increased ahead of the front, with mid level lapse rates supportive of large hail. Uni-directional 0-6 km bulk shear of 50-60 knots promoted the formation of discrete supercells.</p>				

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

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/03/19 05:00 CST		0	Frost/Freeze
	03/07/19 08:00 CST		0	
<p>An outbreak of unseasonably cold weather occurred from the 3rd through the 7th over much of the region. Overnight lows were in the 20s with highs only reaching the 30s and 40s. In fact, on the 4th, several locations stay at or below freezing through the entire day.</p>				
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(AL-Z001) LAUDERDALE				
	03/09/19 11:55 CST		1K	Strong Wind (MAX 43 kt)
	03/09/19 11:55 CST		0	
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JACKSON COUNTY --- 2.2 SE DAVISTOWN [34.53, -85.99]				
	03/09/19 17:15 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	03/09/19 17:15 CST		0	Source: Emergency Manager
<p>A report of damage to a tree and outbuilding.</p>				
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COLBERT COUNTY --- 1.6 SSW WHITEHOUSE SPGS [34.63, -87.69]				
	03/09/19 18:15 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	03/09/19 18:15 CST		0	Source: Emergency Manager
<p>A tree was knocked down on Blue Road near Bluff Trail Road.</p>				
<hr/>				
COLBERT COUNTY --- 3.6 E CROOKED OAK [34.59, -87.74]				
	03/09/19 18:15 CST		0.50K	Thunderstorm Wind (EG 48 kt)
	03/09/19 18:15 CST		0	Source: Emergency Manager
<p>A power pole was knocked down on Ligon Springs Road.</p>				
<p>Multiple bands of thunderstorms moved east across north Alabama during the mid afternoon into the evening hours. A few of these exhibited supercellular characteristics. Isolated thunderstorm wind damage was reported. Ahead of these thunderstorms, southerly flow gusted at 40 to 55 mph in a few locations. Intense downpours on saturated soils resulted in a period of flash flooding in Hartselle (Morgan County).</p>				
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LAWRENCE COUNTY --- 3.3 SSW LEOLA [34.34, -87.35]				
	03/14/19 13:45 CST		0	Thunderstorm Wind (EG 65 kt)
	03/14/19 13:45 CST		0	Source: NWS Storm Survey
<p>Numerous trees were knocked down along Highway 33. A large pine tree was knocked down.</p>				
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COLBERT COUNTY --- 3.3 NNE MARGERUM [34.82, -88.05]				
	03/14/19 13:59 CST		0	Thunderstorm Wind (EG 52 kt)
	03/14/19 13:59 CST		0	Source: Emergency Manager
<p>Trees and power lines were knocked down on River Rose Trail.</p>				
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LAWRENCE COUNTY --- 5.8 SSW LEOLA [34.30, -87.36]				
	03/14/19 14:11 CST		0	Thunderstorm Wind (EG 52 kt)
	03/14/19 14:11 CST		0	Source: Emergency Manager
<p>Trees down on CR 6 along the Lawrence and Winston County line.</p>				
<hr/>				
LAWRENCE COUNTY --- 0.8 WNW WREN [34.43, -87.29]				
	03/14/19 14:17 CST		0	Thunderstorm Wind (EG 52 kt)
	03/14/19 14:17 CST		0	Source: Emergency Manager
<p>Trees were knocked down on Highway 33 south of the intersection of Highway 36.</p>				
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CULLMAN COUNTY --- 0.4 SSW WHITE CITY [34.09, -86.77], 1.3 N HOLLY POND [34.19, -86.62]				
	03/14/19 15:10 CST		0	Tornado (EF1, L: 11.07 mi , W: 112 yd)
	03/14/19 15:30 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The tornado touched down 0.2 miles southwest of White City, snapping and uprooting several hardwood trees. The tornado then damaged the White City Community Center, lifting up portions of the roof and peeling back sheets of the metal roof structure. A house next door to the community center sustained minor damage when trees fell around and partially onto the house. Some of these trees were more than 5 feet in diameter and were a combination of either snapped or uprooted. Across the street at this location, an outdoor storage shed was blown over. Damage in White City was consistent with an EF-1 tornado with maximum winds of 105 mph. Maximum width likely occurred here and was measured as 112 yards wide.</p>				

DEKALB COUNTY --- 1.3 WSW LOVELESS [34.31, -85.79]				
	03/14/19 17:00 CST		0	Thunderstorm Wind (EG 65 kt)
	03/14/19 17:00 CST		0	Source: Public

Numerous full grown pine trees were snapped off, blown down, and uprooted on CR 55 where Stapp Creek crosses the road.

DEKALB COUNTY --- 3.1 SW COLLINSVILLE [34.24, -85.91]				
	03/14/19 21:10 CST		0	Hail (1.00 in)
	03/14/19 21:10 CST		0	Source: Broadcast Media

Quarter sized hail was reported in Collinsville. Location of report estimated by radar. Report relayed via social media.

DEKALB COUNTY --- 2.2 NE COLLINSVILLE [34.29, -85.84]				
	03/14/19 21:21 CST		0	Hail (1.00 in)
	03/14/19 21:21 CST		0	Source: Broadcast Media

Hail up to the size of quarters was reported in the Collinsville area.

Scattered supercells developed well ahead of a dry line and cold front in the lower Mississippi Valley during the early to mid-afternoon hours. The thunderstorms shifted southeast by early evening. One of the thunderstorms produced an EF-1 tornado in Cullman County. Many of the other thunderstorms exhibited mesocyclones and produced wall clouds, but no tornadoes. There were a couple of other reports of isolated wind damage in Colbert, Lawrence and DeKalb Counties. In southern DeKalb County, full grown pine trees were snapped or uprooted. Large hail was also reported in DeKalb County.

(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				
	03/20/19 00:00 CST		0	Frost/Freeze
	03/20/19 08:00 CST		0	

Temperatures dropped into the upper 20s to around 30 degrees for several hours on the morning of the 20th.

MADISON COUNTY --- STEGERS STORE [34.88, -86.57]				
	03/25/19 16:14 CST		0	Hail (0.88 in)
	03/25/19 16:14 CST		0	Source: Trained Spotter

Hail up to the size of nickels was accumulated in Meridianville.

MADISON COUNTY --- 0.9 NW BELL FACTORY [34.83, -86.49]				
	03/25/19 16:26 CST		0	Hail (0.88 in)
	03/25/19 16:26 CST		0	Source: Public

Hail up to the size of nickels accumulated southeast of Moores Mill.

Scattered thunderstorms developed during the afternoon hours along a cold front dropping southeast. The thunderstorms produced small hail, including up to nickel sized hail in northern Madison County.

ALABAMA, Southeast

GENEVA COUNTY --- 1.5 SSE KELLYS CROSSROADS [31.04, -85.74]				
	03/03/19 12:24 CST		0	Funnel Cloud
	03/03/19 12:24 CST		0	Source: Trained Spotter

A trained spotter reported a funnel cloud southwest of Hartford.

DALE COUNTY --- 1.4 S NEWTON [31.32, -85.59]				
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Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/03/19 16:26 CST		1K	Thunderstorm Wind (EG 50 kt)
	03/03/19 16:26 CST		0	Source: 911 Call Center

A power pole was blown down on Hartford Street in Dale county.

HENRY COUNTY --- 2.1 SE SHORTERVILLE [31.55, -85.08], 2.9 ENE SHORTERVILLE [31.59, -85.06]

	03/03/19 16:39 CST		0	Tornado (EF0, L: 3.37 mi , W: 75 yd)
	03/03/19 16:45 CST		0	Source: NWS Storm Survey

The tornado touched down in Henry County Alabama in an area just south of Shorterville on Henry County Route 47 between Bennett Mill Creek and Route 188. There were several softwood trees uprooted in this area. The tornado proceeded northeast across the Chattahoochee River into Clay County Georgia. The damage in Clay County Georgia began on Route 39/ Washington Street near the intersection of Blakely and Blufton Highways. There were several softwood trees uprooted in this area, as well as some roofing material removed from the roadway. Additional softwood trees were uprooted at several points between the aforementioned intersection to a point just north of Route 37/ Edison Highway along Wesely Chapel Road. In addition, Center Line Irrigation was also downed near the previously mentioned location.

GENEVA COUNTY --- 3.2 SSW SLOCOMB [31.06, -85.61], 1.7 NNE FADETTE [31.06, -85.52]

	03/03/19 16:51 CST		0.10M	Tornado (EF1, L: 5.12 mi , W: 300 yd)
	03/03/19 16:58 CST		0	Source: NWS Storm Survey

The tornado touched down about 3.5 miles south of Slocomb, AL and proceeded east northeast and impacted multiple single family homes and a few manufactured homes.

Most of the damage was roof damage, but a few manufactured homes were shifted off their anchor points. The most significant damage happened about a half of a mile northwest of the intersection of Mozell Rd and Cotton Box Rd. At this location the tornado passed over a single family home and the 110 mile per hour winds estimated at this location gained entry into the garage and removed the entire garage roof and some parts of the roof over the house. Immediately behind the house and along the path of the tornado a manufactured home was lifted off its anchor points and rotated about 10 to 15 feet from its original location. The damage at these locations was consistent with a high end EF-1 tornado and winds were estimated to be around 110 mph at this point. The tornado continued to move east from its strongest point and eventually crossed the intersection of Grant Rd. and County Rd 103 where EF-1 damage was found to manufactured homes and single family homes. The tornado then crossed Old Chipley Rd where it impacted a barn with EF-1 damage. Finally the tornado moved just east-southeast and appeared to have lifted just east of County Rd 49 after causing low end EF-1 damage to some larger trees. Damage cost was estimated.

GENEVA COUNTY --- 1.4 S SLOCOMB [31.08, -85.59]

	03/03/19 16:55 CST		50K	Thunderstorm Wind (EG 55 kt)
	03/03/19 16:55 CST		0	Source: Public

Multiple trees and power lines were blown down with a report of some trees blown down onto houses. Damage cost was estimated.

HOUSTON COUNTY --- 2.2 NNE GARRETTS CROSSROADS [31.07, -85.42]

	03/03/19 17:03 CST		20K	Thunderstorm Wind (EG 50 kt)
	03/03/19 17:03 CST		0	Source: Emergency Manager

A tree fell on a home. Damage cost was estimated.

HOUSTON COUNTY --- 1.4 ESE HODGESVILLE [31.07, -85.35]

	03/03/19 17:05 CST		3K	Thunderstorm Wind (EG 50 kt)
	03/03/19 17:05 CST		0	Source: Broadcast Media

A small shed collapsed with some of the tin strewn across the road.

HOUSTON COUNTY --- 3.0 NNW CROSBY [31.07, -85.10]

	03/03/19 17:30 CST		0	Thunderstorm Wind (EG 50 kt)
	03/03/19 17:30 CST		0	Source: Law Enforcement

Trees were blown down near 10808 East County Road 8.

This event featured all modes of severe weather in our forecast area, including 13 tornadoes, numerous reports of straight-line wind damage, and even large hail. The 13 tornadoes consisted of 1 EF3, 2 EF2s, 6 EF1s, and 4 EF0s. This is a very high number of tornadoes for our forecast area for a single event. This compares with 7 tornadoes in the 1/22/17 event, 8 tornadoes in the 1/2/17 event, and 10 tornadoes in the 3/1/07 event. This may have been the most tornadoes for a single event in our area since the Hurricane Ivan tornadoes back in 2004. The synoptic pattern was characterized by a fast-moving upper trough through relatively zonal flow. The forecast area was under the favorable right entrance region of the upper jet with lots of upper level divergence. An 850 mb jet near or in excess of 50 knots was also present, which is another typical ingredient for severe weather in this part of the country in the cool season. Cool season levels of shear (0-1 km shear > 30 knots and 0-6 km shear > 50 knots) were overlaid with moderate levels of instability (SBCAPE

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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~ 1500 j/kg), as opposed to more typical winter SBCAPE < 500 j/kg. Without this strong low-level jet, the low-level shear values would have been weaker and we would have probably seen less tornadoes.

ALABAMA, Southwest

WASHINGTON COUNTY --- 3.4 N TIBBIE [31.42, -88.26], 3.4 N TIBBIE [31.42, -88.25]

03/03/19 12:55 CST	50K	Tornado (EF1, L: 0.16 mi , W: 300 yd)
03/03/19 12:56 CST	0	Source: NWS Employee

The tornado touched down just west of Highway 17, 3 miles south of Chatom. The tornado crossed Highway 17 and continued east into a more forested areas. The path length is an estimate as a final end point could not be determined due to the lack of road access. The tornado produced EF-1 damage to both softwood and hardwood, some of which were snapped.

WASHINGTON COUNTY --- 0.7 SW SIMS CHAPEL [31.21, -88.16], 2.1 E SIMS CHAPEL [31.22, -88.11]

03/03/19 13:37 CST	50K	Tornado (EF1, L: 2.57 mi , W: 100 yd)
03/03/19 13:42 CST	0	Source: NWS Employee

The tornado began near John Johnston Road and continued east, adjacent to Fairford Road. The tornado lifted roughly just south of Price Rivers Road and just east of Fairford Road. The tornado produced tree damage along its path, snapping both softwood and hardwood trees. The most extensive tree damage was noted near the Sims Chapel Holiness Church. An addition to the church was damaged heavily. The addition was an open facing structure which allowed the wind to get inside. A few structures suffered minor damage along the path, due to downed trees. Based on radar data, the start point of the tornado could have occurred west of John Johnston Road, but this is in a remote area where access is limited.

CLARKE COUNTY --- GAINESTOWN [31.45, -87.70]

03/03/19 13:45 CST	5K	Thunderstorm Wind (EG 52 kt)
03/03/19 13:47 CST	0	Source: Emergency Manager

A downed tree blocking the road at Walker Springs Road near Overstreet Grocery.

BUTLER COUNTY --- 8.3 E SEARCY [31.91, -86.48]

03/03/19 14:34 CST	15K	Tornado (EF1, L: 0.27 mi , W: 50 yd)
03/03/19 14:35 CST	0	Source: NWS Storm Survey

The tornado formed and damaged an outbuilding near the intersection of Kirkville Road and Steiner Store Road before continuing northeast into a wooded area, where numerous trees were snapped and uprooted. The tornado then crossed Kirkville Road and partially lifted the roof off a one story brick home before dissipating shortly thereafter.

CRENSHAW COUNTY --- 2.7 W HONORAVILLE [31.91, -86.45], 1.0 N HONORAVILLE [31.91, -86.40]

03/03/19 14:38 CST	15K	Tornado (EF1, L: 2.65 mi , W: 50 yd)
03/03/19 14:42 CST	0	Source: NWS Storm Survey

The tornado formed just west of Moseley Road where it snapped an uprooted numerous trees, including one large tree that fell on a mobile home. The tornado then crossed over Moseley Road damaging a nearby outbuilding before moving into a heavily forested area where sporadic tree damage continued. The tornado lifted shortly after crossing Bowden Road.

ESCAMBIA COUNTY --- 2.0 SSE FREEMANVILLE [31.04, -87.52]

03/03/19 14:43 CST	5K	Thunderstorm Wind (EG 52 kt)
03/03/19 14:45 CST	0	Source: Emergency Manager

High winds from a thunderstorm downed several trees and treetops along Jack Springs Road.

COVINGTON COUNTY --- STEDMAN [31.10, -86.32]

03/03/19 15:35 CST	5K	Thunderstorm Wind (EG 52 kt)
03/03/19 15:37 CST	0	Source: Emergency Manager

High winds from a thunderstorm downed several trees along Open Pond Road with one falling on a car.

A cold front moved into the southeast during day. This front moved into a warm and unstable airmass, causing severe thunderstorms to develop. The storms produced 4 tornadoes in southwest Alabama.

CLARKE COUNTY --- 2.0 WSW GROVE HILL [31.69, -87.81]

Storm Data and Unusual Weather Phenomena - March 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/25/19 19:50 CST		0	Hail (1.00 in)
	03/25/19 19:52 CST		0	Source: Trained Spotter

MONROE COUNTY --- 2.0 N EXCEL [31.46, -87.35]

	03/25/19 20:39 CST		0	Hail (1.00 in)
	03/25/19 20:41 CST		0	Source: Broadcast Media

Quarter size hail was reported near Frisco City, Excel, and the Monroe County Airport.

ESCAMBIA COUNTY --- ROBERTS [31.08, -86.90]

	03/25/19 21:58 CST		0	Hail (1.00 in)
	03/25/19 22:00 CST		0	Source: Broadcast Media

Quarter size hail was reported near Roberts and Boykin.

Thunderstorms developed along a cold front moving southward across the area. A moist an unstable atmosphere at the surface combined with cold temperatures aloft allowed large hail to develop.