

## Storm Data and Unusual Weather Phenomena - January 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>DALLAS COUNTY --- 2.1 NW TYLER [32.35, -86.91], 5.0 NNE TYLER [32.39, -86.84]</b>				
	01/19/19 13:47 CST		0	Tornado (EF1, L: 5.26 mi , W: 75 yd)
	01/19/19 13:54 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in eastern Dallas County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 100 mph. The tornado touched down near the intersection of County Road 74 and County Road 885. The tornado either snapped off or uprooted hundreds of trees as it moved northeastward. As the tornado moved parallel to County Road 461, it damaged some large farm irrigation equipment. The tornado turned slightly eastward as it neared the intersection of County Road 461 and County Road 462, then crossed the Alabama River into Autauga County.</p>				
<b>AUTAUGA COUNTY --- 5.1 SW MULBERRY [32.39, -86.84], 4.4 SW MULBERRY [32.40, -86.82]</b>				
	01/19/19 13:54 CST		0	Tornado (EF0, L: 0.87 mi , W: 75 yd)
	01/19/19 13:55 CST		0	Source: NWS Storm Survey
<p>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 70 mph. This tornado was a continuation from Dallas County where it crossed the Alabama River. The tornado was in a weakening phase once it moved into Autauga County and only produced minor tree damage. The tornado lifted near County Road 1.</p>				
<b>AUTAUGA COUNTY --- 3.2 S INDEPENDENCE [32.48, -86.73], 2.0 SW POSEYS XRDS [32.55, -86.59]</b>				
	01/19/19 14:04 CST		0	Tornado (EF1, L: 9.08 mi , W: 400 yd)
	01/19/19 14:17 CST	2	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 90 mph. The tornado touched down at Shiloh Drive and County Road 45. The tornado caused minor roof damage to one home and also produced minor tree damage. The tornado continued almost due east to County Road 19, where one home suffered roof damage and numerous trees were snapped and uprooted. At this point, the tornado turned toward the northeast and traveled through a forested and swampy area. As it reached Seaside Road, the tornado destroyed a small business garage, damaged a few outbuildings, and continued to cause more tree damage. At this point, the tornado again turned toward the east traveling through a large wooded area and uprooting numerous trees along the way. At County Road 46, two homes suffered minor roof and siding damage along with more tree damage. The tornado continued producing tree damage as it crossed US Highway 82, County Road 69, and County Road 21. Between County Road 21 and Goodson Howser Road, a couple of homes received minor roof damage, a few outbuildings were damaged, and trees were uprooted. One unsecured mobile home was rolled over and destroyed. Two occupants of the mobile home were injured. The tornado lifted before reaching Goodson Howser Road.</p>				
<b>ELMORE COUNTY --- 2.3 SSW WETUMPKA [32.52, -86.24], 1.6 E COTTON [32.68, -85.99]</b>				
	01/19/19 14:52 CST		0	Tornado (EF2, L: 18.11 mi , W: 700 yd)
	01/19/19 15:15 CST	4	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 135 mph. The tornado began near the Coosa River just southwest of downtown Wetumpka. It quickly intensified as it moved northeast into downtown Wetumpka. The extent of damage done to multiple structures in Wetumpka indicated a tornado with high-end EF2 wind speeds. The damage included: collapse/failure of exterior walls, significant damage to interior walls, roof failures, shifting of structures, and collapse of structures due to direct and indirect causes. Several vehicles were also tossed or rolled, with debris puncturing framing. Trees were also snapped and uprooted. The First Presbyterian Church was heavily damaged, but rescue/clean-up efforts precluded an accurate assessment of damage.</p> <p>The tornado continued northeastward, crossed the Coosa River, and then paralleled State Route 170 as it continued to damage structures and snap and uproot trees. The tornado cycled as it moved northeast into the northern portions of the town of Eclectic, evident via a new radar TDS (tornado debris signature) and fluctuating degree of damage. The tornado dissipated just before Lake Martin, near Holly Mill Road.</p>				
<b>COOSA COUNTY --- 2.0 W COTTAGE GROVE [32.85, -86.16], 1.7 SSE HISSOP [32.88, -86.14]</b>				
	01/19/19 14:58 CST		0	Tornado (EF1, L: 1.70 mi , W: 112 yd)
	01/19/19 15:01 CST		0	Source: NWS Storm Survey
<p>National Weather Service meteorologists surveyed damage in Coosa County and determined that it was consistent with an EF1 tornado, with maximum sustained winds near 100 mph. The tornado touched down near County Road 101, about one mile north of County Road 61. The tornado tracked northeast and paralleled County Road 101, where it snapped or uprooted hundreds of trees. The tornado lifted on County Road 30, about one mile south of Highway 22.</p>				
<b>LEE COUNTY --- 0.9 SW J C MEADOWS XRDS [32.49, -85.18]</b>				
	01/19/19 16:54 CST		0	Thunderstorm Wind (EG 50 kt)
	01/19/19 16:55 CST		0	Source: Public

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Several trees uprooted near the intersection of Lee Road 440 and Lee Road 179.

A strong storm system developed over the southern Plains on Friday. A surface low deepened as it moved northeastward across the lower Mississippi Valley early Saturday. Increasing southerly surface winds ahead of the surface low ushered in lower 60s surface dew points into south-central Alabama. The storm system was accompanied by high shear values and strong forcing aloft. The combination of a high-shear and low level instability was conducive for severe thunderstorm development.

Several rotating thunderstorms were present within a broken line of storms that moved through Central Alabama Saturday afternoon. A total of 4 tornadoes touched down and affected Dallas, Autauga, Elmore and Coosa Counties. In addition to these tornadoes, there were a few reports of damaging straight-line winds and numerous reports of trees down due to the strong winds both ahead and behind the strong cold front.



*First Baptist Church, Wetumpka, Alabama. Photo taken by NWS survey team.*

BARBOUR COUNTY --- 1.5 NNE CLAYTON MUNI ARPT [31.90, -85.47]	01/23/19 19:02 CST	0	Thunderstorm Wind (EG 50 kt)
	01/23/19 19:03 CST	0	Source: Public

Several trees uprooted and power lines downed near the intersection of Highway 51 and County Road 11.

A cold front moving across Alabama encountered a highly sheared environment across east Alabama. Brisk southerly winds ahead of the cold front ushered in a narrow zone of limited instability across southeast Alabama. The line of intense showers with embedded thunderstorms produced localized damaging winds in Barbour County.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, North</b>				
<b>JACKSON COUNTY --- 0.9 NE WOODVILLE [34.64, -86.27], 0.8 NNE WOODVILLE [34.64, -86.27], 0.5 NE WOODVILLE [34.64, -86.27], 0.7 ENE WOODVILLE [34.64, -86.27]</b>				
	01/19/19 15:45 CST		0	Flash Flood (due to Heavy Rain)
	01/19/19 22:00 CST		0	Source: Emergency Manager
EMA reported upwards of 2 feet of water flowing across County Road 8 just north of Woodville. The road is being barricaded now.				
<b>DEKALB COUNTY --- 0.8 SW IDER [34.71, -85.69]</b>				
	01/19/19 20:30 CST		2K	Thunderstorm Wind (EG 52 kt)
	01/19/19 20:30 CST		0	Source: Trained Spotter
A few trees were snapped just west of Ider.				
Rainfall of 2-3 inches was reported in portions of north central and northwest Alabama. This resulted in flash flooding in southwestern Jackson County, and areal flooding in other locations. Strong winds snapped a few trees near Ider in DeKalb County during the afternoon hours of the 19th.				
<b>(AL-Z010) DEKALB</b>				
	01/19/19 21:00 CST		0	Winter Weather
	01/20/19 04:00 CST		0	
Rain changed to light snow during the evening of the 19th and lasted into the morning of the 20th. Accumulation on grassy areas of near 1/2 inch was reported via social media photos atop Lookout Mountain near Mentone.				
<b>DEKALB COUNTY --- 1.4 S ELLIOT XRDS [34.60, -85.78], 1.7 WSW ELLIOT XRDS [34.61, -85.81], 2.2 NNE SYLVANIA [34.60, -85.81], 2.0 S ELLIOT XRDS [34.59, -85.78]</b>				
	01/23/19 17:23 CST		0	Flood (due to Heavy Rain)
	01/24/19 00:00 CST		0	Source: Emergency Manager
A creek and fields were flooding portions of County Road 122 between Sylvania and Henagar.				
<b>JACKSON COUNTY --- 1.1 NE WOODVILLE [34.64, -86.27], 0.9 NNE WOODVILLE [34.64, -86.28], 0.3 SSE WOODVILLE [34.63, -86.28], 0.8 E WOODVILLE [34.63, -86.27]</b>				
	01/23/19 17:35 CST		0	Flood (due to Heavy Rain)
	01/24/19 00:00 CST		0	Source: Emergency Manager
Six inches of flood water reported at the 1200 block of County Road 8 between Butler and Union Streets.				
<b>MORGAN COUNTY --- 3.3 SSE NEEL [34.43, -87.02], 3.6 S OAK RIDGE [34.43, -87.01], 3.3 N MASSEY [34.42, -87.02], 2.9 E DANVILLE [34.42, -87.03]</b>				
	01/23/19 19:35 CST		0	Flood (due to Heavy Rain)
	01/24/19 00:00 CST		0	Source: Emergency Manager
Flooding was reported at the intersection of New Cut Road and Highway 36. The road has been barricaded.				
<b>LIMESTONE COUNTY --- 1.7 E GREENBRIER [34.67, -86.82], 2.2 E GREENBRIER [34.67, -86.81], 2.2 E GREENBRIER [34.67, -86.81], 1.7 E GREENBRIER [34.67, -86.82]</b>				
	01/23/19 19:52 CST		0	Flood (due to Heavy Rain)
	01/24/19 01:00 CST		0	Source: Broadcast Media
Flooding of the west-bound lanes of Old Highway 20 near Segers Road. The flooded portion of the road has been barricaded by Huntsville Police.				
<b>DEKALB COUNTY --- 0.6 W DAWSON [34.30, -85.94], 0.3 W DAWSON [34.30, -85.94], 0.4 WNW DAWSON [34.30, -85.94], 0.6 WNW DAWSON [34.30, -85.94]</b>				
	01/23/19 20:13 CST		0	Flood (due to Heavy Rain)
	01/24/19 01:00 CST		0	Source: Trained Spotter
Flooding reported along County 192 just west of Dawson. Up to 3 inches of running water from a creek out of its banks is flooding CR 192.				

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Rainfall of 2-3 inches fell during the afternoon and evening hours in north central and northeast Alabama. This resulted in flooding of a few small streams and creeks in the area.

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**(AL-Z006) MADISON, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB**

01/29/19 02:00 CST	0	Winter Weather
01/29/19 07:00 CST	0	

A cold front brought a band of light rain that changed briefly to snow during the early morning hours. Light accumulations less than an inch (mostly a dusting) were received atop the higher elevations of north central and northeast Alabama, including Sand and Lookout Mountains.

### ALABAMA, Southeast

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**HENRY COUNTY --- 2.6 SSW LAWRENCEVILLE [31.62, -85.28], 2.5 SSW LAWRENCEVILLE [31.62, -85.28]**

01/04/19 04:38 CST	0	Tornado (EF0, L: 0.15 mi , W: 35 yd)
01/04/19 04:40 CST	0	Source: Emergency Manager

An EF0 tornado with max winds of 85 mph briefly touched down about 1.5 miles north of Abbeville. A semi was blown off the road with no injuries, and tree damage occurred.

**A QLCS moved through southeast Alabama during the early morning hours with one brief tornado confirmed.**

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**GENEVA COUNTY --- 3.0 SSE SAMSON [31.07, -86.02]**

01/19/19 17:08 CST	15K	Thunderstorm Wind (EG 50 kt)
01/19/19 17:08 CST	0	Source: 911 Call Center

A large tree blew down across County Road 16 West, and a car ran into it.

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**DALE COUNTY --- 1.8 W MABSON [31.46, -85.59]**

01/19/19 17:45 CST	0	Thunderstorm Wind (EG 50 kt)
01/19/19 17:45 CST	0	Source: 911 Call Center

A large tree blew down across Mabson Road.

**A strong cold front moved through the area, accompanied by a line of strong to severe storms with impacts to trees and power lines.**

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**DALE COUNTY --- 1.2 W LEVEL PLAINS [31.30, -85.78]**

01/23/19 19:15 CST	0	Thunderstorm Wind (MG 64 kt)
01/23/19 19:15 CST	0	Source: Public

The public reported a measured wind gust of 74 mph in Level Plains.

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**DALE COUNTY --- LOWE ARMY HELIPORT [31.35, -85.75]**

01/23/19 19:18 CST	0	Thunderstorm Wind (MG 50 kt)
01/23/19 19:18 CST	0	Source: ASOS

Station KLOR measured a wind gust of 58 mph.

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**DALE COUNTY --- 0.6 W PLEASANT HILL [31.42, -85.68]**

01/23/19 19:25 CST	3K	Thunderstorm Wind (EG 50 kt)
01/23/19 19:25 CST	0	Source: 911 Call Center

A power line was blown down.

**A strong cold front moved through the area, accompanied by a line of strong to severe storms with impacts to trees and power lines.**

### ALABAMA, Southwest

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<b>WASHINGTON COUNTY --- 16.3 WSW ESCATAWPA [31.16, -88.64], MILLRY [31.63, -88.32], 4.7 NE JORDAN [31.54, -88.19], 3.1 SSW ESCATAWPA [31.24, -88.42]</b>				
	01/23/19 13:00 CST		0	Flash Flood (due to Heavy Rain)
	01/23/19 17:30 CST		0	Source: Emergency Manager
Heavy rain caused several streets to become flooding around Millry.				
<b>CLARKE COUNTY --- 1.0 NNE COFFEEVILLE [31.76, -88.09], 1.5 SSE WEST BEND [31.81, -88.12], 1.5 SSW WOODBLUFF [31.91, -88.08], 2.8 SSE OPINE [31.86, -87.95], 2.5 SE COFFEEVILLE [31.73, -88.07]</b>				
	01/23/19 14:30 CST		0	Flash Flood (due to Heavy Rain)
	01/23/19 19:00 CST		0	Source: Emergency Manager
Multiple roads closed across northwestern Clarke County due to water over the road.				
<b>CHOCTAW COUNTY --- 3.7 NW BLADON SPGS [31.77, -88.24], 3.0 NNW BLADON SPGS [31.77, -88.22], 2.5 NNW BLADON SPGS [31.76, -88.22], 3.1 NW BLADON SPGS [31.76, -88.24]</b>				
	01/23/19 16:30 CST		25K	Flash Flood (due to Heavy Rain)
	01/23/19 19:30 CST		0	Source: Emergency Manager
Bladon Springs Road washed out south of Highway 84 intersection.				
<b>CLARKE COUNTY --- 1.1 S TALLAHATTA SPGS [31.88, -87.82], 2.0 SW THOMASVILLE [31.90, -87.75], 0.9 ENE THOMASVILLE [31.92, -87.72], 3.0 WNW THOMASVILLE [31.94, -87.78]</b>				
	01/23/19 16:30 CST		50K	Flash Flood (due to Heavy Rain)
	01/23/19 19:30 CST		0	Source: Emergency Manager
Water rescues on Limestone Circle in 2 homes with 6 total people. One car with water up to the windows and 4 to 5 feet of water over Limestone Circle.				
<b>CLARKE COUNTY --- 19.1 N ATKINSON [32.24, -87.63], 2.0 NW THOMASVILLE [31.94, -87.75], 8.6 N HOLTAMVILLE [32.10, -87.90], 20.7 NNE BASHI [32.26, -87.77]</b>				
	01/23/19 16:30 CST		0	Flash Flood (due to Heavy Rain)
	01/23/19 19:30 CST		0	Source: Broadcast Media
Picture of flooding on Bashi Road.				
<b>CLARKE COUNTY --- RURAL [31.87, -87.73], 1.5 WNW RURAL [31.88, -87.75], 1.4 W RURAL [31.87, -87.75], 0.4 SW RURAL [31.87, -87.73]</b>				
	01/23/19 16:30 CST		25K	Flash Flood (due to Heavy Rain)
	01/23/19 19:30 CST		0	Source: Emergency Manager
Water flowing over both side of Highway 43.				
<b>Heavy rains caused flooding across portions of southwest Alabama.</b>				
<b>(AL-Z053) CLARKE</b>				
	01/29/19 06:00 CST		0	Winter Weather
	01/29/19 08:00 CST		0	
A very cold airmass moved into the area in the wake of a strong cold front. The rain changed to light snow in parts of southwest Alabama.				