

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>(AL-Z025) SHELBY</b>				
	08/01/19 00:00 CST	0		Drought
	08/31/19 23:59 CST	0		
Above normal temperatures and rainfall totals about one-half of average for September combined to keep dry soil conditions across Shelby County.				
<b>CHEROKEE COUNTY --- 3.3 E GNATVILLE [33.97, -85.61]</b>				
	08/01/19 14:35 CST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 14:36 CST	0		Source: Public
A downburst took off a roof from a large storage building and scattered the debris into an adjacent field. The storm also uprooted several trees.				
<b>CHEROKEE COUNTY --- 1.0 SSW JAMESTOWN [34.39, -85.59]</b>				
	08/01/19 14:55 CST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 14:56 CST	0		Source: Emergency Manager
Several trees uprooted along County Road 15. One tree fell on Pleasant Valley Baptist Church and caused structural damage to the building.				
<b>CHEROKEE COUNTY --- 1.8 ESE JAMESTOWN [34.39, -85.55]</b>				
	08/01/19 15:00 CST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 15:01 CST	0		Source: Emergency Manager
Several trees uprooted along County Road 921.				
<b>A typical August day with steep low level lapse rates, weak upper level winds, and ample CAPE. Several storms developed during peak heating of the day with high radar based reflectivities aloft, which descended and produced downbursts.</b>				
<b>MONTGOMERY COUNTY --- 0.9 E DUBLIN [32.03, -86.15]</b>				
	08/04/19 13:04 CST	0		Thunderstorm Wind (EG 50 kt)
	08/04/19 13:04 CST	0		Source: Law Enforcement
Several trees uprooted along Highway 94 near the town of Dublin.				
<b>LEE COUNTY --- SMITHS [32.52, -85.07]</b>				
	08/05/19 16:49 CST	0		Thunderstorm Wind (EG 50 kt)
	08/05/19 16:49 CST	0		Source: Emergency Manager
Several trees uprooted and utility lines downed along Highway 280, just southeast of the town of Smiths Station.				
<b>Several short wave troughs tracked southeast across Alabama in a northwest upper flow pattern. Afternoon heating produced enough instability for a few strong to severe storms.</b>				
<b>MARION COUNTY --- 1.7 SE HAMILTON [34.11, -87.96]</b>				
	08/07/19 17:55 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 17:55 CST	0		Source: 911 Call Center
Several trees uprooted along County Road 42.				
<b>MARION COUNTY --- GUIN [33.97, -87.92]</b>				
	08/07/19 18:10 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:10 CST	0		Source: 911 Call Center
Several trees uprooted in the town of Guin.				
<b>MARION COUNTY --- WINFIELD [33.92, -87.82]</b>				
	08/07/19 18:12 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:12 CST	0		Source: 911 Call Center
Several trees uprooted in the town of Winfield.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FAYETTE COUNTY --- BAZEMORE [33.90, -87.70]</b>				
	08/07/19 18:20 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:20 CST	0		Source: 911 Call Center
Several trees uprooted in the town of Bazemore.				
<b>WALKER COUNTY --- NAUVOO [34.00, -87.48]</b>				
	08/07/19 18:20 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:20 CST	0		Source: Emergency Manager
Several trees uprooted in the town of Nauvoo.				
<b>WALKER COUNTY --- 4.4 NE MARIGOLD [33.96, -87.21]</b>				
	08/07/19 18:36 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:36 CST	0		Source: Emergency Manager
Several trees uprooted near the town of Curry.				
<b>WALKER COUNTY --- 5.3 ESE JASPER WALKER CO ARP [33.85, -87.18]</b>				
	08/07/19 18:53 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 18:53 CST	0		Source: Emergency Manager
Several trees uprooted near the town of Boldo.				
<b>BULLOCK COUNTY --- 2.6 NE GUERRYTON [32.24, -85.47]</b>				
	08/07/19 19:09 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 19:10 CST	0		Source: 911 Call Center
Several trees uprooted along County Road 2 in far southeast Macon County.				
<b>BULLOCK COUNTY --- 2.8 ENE GUERRYTON [32.23, -85.45]</b>				
	08/07/19 19:11 CST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 19:12 CST	0		Source: 911 Call Center
Several trees uprooted along Highway 51 in far northeast Bullock County.				
<b>MACON COUNTY --- 0.8 SE NOTASULGA [32.56, -85.66]</b>				
	08/08/19 11:50 CST	0		Thunderstorm Wind (EG 50 kt)
	08/08/19 11:50 CST	0		Source: Public
Large oak tree snapped and two power poles snapped in front of Notasulga High School.				
<b>Several clusters of thunderstorms tracked southeast in a northwest flow pattern aloft. Daytime heating and moderate instability aided in the development of strong to severe thunderstorms both days.</b>				
<b>TUSCALOOSA COUNTY --- 5.2 N SHOOK [33.40, -87.26]</b>				
	08/13/19 17:26 CST	0		Thunderstorm Wind (EG 50 kt)
	08/13/19 17:26 CST	0		Source: Law Enforcement
Several trees uprooted near Prudes Creek Road.				
<b>LEE COUNTY --- 1.2 WSW STONEWALL [32.56, -85.07]</b>				
	08/14/19 19:30 CST	0		Thunderstorm Wind (EG 50 kt)
	08/14/19 19:30 CST	0		Source: Emergency Manager
Several trees uprooted and power lines downed near the intersection of Lee Road 318 and 319.				
<b>Isolated strong to severe storms developed during the afternoon and early evening hours as several upper level short wave troughs tracked southeast across central Alabama.</b>				
<b>PERRY COUNTY --- 2.5 S HEIBERGER [32.71, -87.29]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/19 12:37 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 12:37 CST		0	Source: Emergency Manager
Several trees uprooted along Highway 5, just south of County Road 16.				
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<b>SHELBY COUNTY --- 2.7 NNE STERRETT [33.49, -86.46]</b>				
	08/19/19 16:41 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:42 CST		0	Source: Public
Several trees uprooted along County Road 55.				
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<b>SHELBY COUNTY --- 1.2 NNE VANDIVER [33.48, -86.51]</b>				
	08/19/19 16:44 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:45 CST		0	Source: Emergency Manager
Several trees uprooted and power lines downed near the intersection of Highway 50 and Highway 480.				
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<b>SHELBY COUNTY --- 1.4 N DUNAVANT [33.50, -86.55]</b>				
	08/19/19 16:45 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:46 CST		0	Source: Emergency Manager
Several trees uprooted and power lines downed along County Road 25.				
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<b>SHELBY COUNTY --- 3.3 SW DUNAVANT [33.45, -86.59]</b>				
	08/19/19 16:57 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:58 CST		0	Source: Emergency Manager
Numerous trees uprooted near Stonegate Drive and Connemara Trail.				
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<b>SHELBY COUNTY --- 3.6 SSW DUNAVANT [33.43, -86.57]</b>				
	08/19/19 16:57 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:58 CST		0	Source: Public
Several trees uprooted and power lined downed along Bear Creek Road.				
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<b>JEFFERSON COUNTY --- 0.9 SSW ISHKOODA [33.36, -86.99]</b>				
	08/19/19 18:00 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 18:02 CST		0	Source: Public
Numerous trees uprooted in the cities of Bessemer and McCalla.				
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<b>FAYETTE COUNTY --- 1.7 NNW BANKSTON [33.69, -87.69]</b>				
	08/20/19 17:56 CST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:56 CST		0	Source: County Official
Several trees uprooted along Heartline Road.				
<p><b>Atmospheric parameters, including strong low level lapse rates and high CAPE values, combined to produce favorable conditions for microbursts on August 19th and 20th. However, conditions were more favorable on the 19th and a majority of the severe weather occurred on this day.</b></p>				
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<b>JEFFERSON COUNTY --- 1.8 SW CAHABA HGTS [33.43, -86.75]</b>				
	08/23/19 13:30 CST		0	Heavy Rain
	08/23/19 15:00 CST		0	Source: CoCoRaHS
Observer recorded a rainfall total of 4.08 inches that fell within 90 minutes.				
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<b>JEFFERSON COUNTY --- 0.6 S VESTAVIA HILLS [33.39, -86.78], 2.7 N VESTAVIA HILLS [33.44, -86.78], 1.3 E CAHABA HGTS [33.45, -86.71], 2.0 NE VESTAVIA HILLS [33.42, -86.75]</b>				
	08/23/19 14:30 CST		0	Flash Flood (due to Heavy Rain)
	08/23/19 16:30 CST		0	Source: Public

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Many reports of flooded roadways with water levels several several feet deep in places, mainly in the Cahaba Heights and Vestavia areas. Several reports of submerged vehicles.				

<b>SHELBY COUNTY --- 1.7 SE ACTON [33.33, -86.80], 1.1 S NEW HOPE [33.35, -86.75], 5.9 NNE QUITO [33.46, -86.72], 0.8 NW QUITO [33.39, -86.76]</b>	08/23/19 14:30 CST		0	Flash Flood (due to Heavy Rain)
	08/23/19 16:30 CST		0	Source: Public

Several reports received across northern Shelby County of several feet of water flowing across roads and submerged vehicles, mainly east of Highway 31 and north of Cahaba Valley Road. The flooded roads include the intersection of Southgate Road and Winslett Road, and Valleydale Road near Veteran's Park.

**A cluster of slow moving thunderstorms moved across a heavily populated area of northern Shelby County and Southern Jefferson County, resulting in rainfall amounts of 2 to 4 inches in less than two hours.**

<b>WALKER COUNTY --- 0.9 NW EMPIRE [33.81, -87.01]</b>	08/27/19 15:21 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 15:21 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed on Hill Road.

<b>JEFFERSON COUNTY --- 1.9 WNW SAYRE [33.73, -87.01]</b>	08/27/19 15:32 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 15:32 CST		0	Source: Emergency Manager

Several trees uprooted between Johnson Drive and Thed Brasfield Road.

<b>TUSCALOOSA COUNTY --- 2.8 NNW RIVER VIEW [33.26, -87.56]</b>	08/27/19 16:06 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:06 CST		0	Source: Emergency Manager

Several trees uprooted along Union Chapel Road.

<b>BLOUNT COUNTY --- 1.7 W BLOUNTSVILLE [34.08, -86.61]</b>	08/27/19 16:10 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:10 CST		0	Source: Emergency Manager

A few trees uprooted west of the town of Blountsville.

<b>BLOUNT COUNTY --- 0.8 NNW CLEVELAND [33.99, -86.59]</b>	08/27/19 16:11 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:11 CST		0	Source: Emergency Manager

Several trees uprooted along Highway 79 near the town of Cleveland.

<b>BLOUNT COUNTY --- ONEONTA [33.95, -86.47]</b>	08/27/19 16:25 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:25 CST		0	Source: Emergency Manager

Several trees uprooted in the city of Oneonta.

<b>TUSCALOOSA COUNTY --- 1.8 SSW HOLT JCT [33.20, -87.51]</b>	08/27/19 16:26 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:26 CST		0	Source: Emergency Manager

Several trees uprooted along Kicker Road.

<b>BLOUNT COUNTY --- 5.7 SSE CHAMPION [33.85, -86.40]</b>	08/27/19 16:32 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:32 CST		0	Source: Emergency Manager

Numerous trees uprooted near the St. Clair county line.

<b>HALE COUNTY --- MOUNDVILLE [33.00, -87.62]</b>				
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	08/27/19 16:32 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:32 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed in the town of Moundville.

### TUSCALOOSA COUNTY --- 45.0 NNW VINE HILL [33.19, -87.30]

	08/27/19 16:32 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:32 CST		0	Source: Emergency Manager

Several trees uprooted along exit 86 on Interstate 20/59.

### ST. CLAIR COUNTY --- ASHVILLE [33.83, -86.25]

	08/27/19 16:36 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:38 CST		0	Source: 911 Call Center

Numerous trees reported across northern St. Clair County west of the city of Ashville.

### ST. CLAIR COUNTY --- ASHVILLE [33.83, -86.25]

	08/27/19 16:57 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 16:57 CST		0	Source: Broadcast Media

Fire started when power lines were downed in the city of Ashville.

### HALE COUNTY --- GREENSBORO [32.70, -87.58]

	08/27/19 17:10 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 17:11 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed in the city of Greensboro.

### CALHOUN COUNTY --- 1.6 NNW BOILING SPGS [33.75, -86.04]

	08/27/19 17:18 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 17:18 CST		0	Source: Emergency Manager

Several trees uprooted along Mudd Street.

### HALE COUNTY --- 0.6 WSW SLEDGE [32.57, -87.59]

	08/27/19 17:21 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 17:21 CST		0	Source: Emergency Manager

Numerous trees uprooted along County Road 10 south of the town of Newbern.

### MARENGO COUNTY --- 1.0 WSW DAYTON [32.35, -87.65]

	08/27/19 17:43 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 17:43 CST		0	Source: Emergency Manager

Several trees uprooted along County Road 39 near the town of Dayton.

### CALHOUN COUNTY --- 1.4 NNW (ANB)ANNISTON CALHOU [33.60, -85.86]

	08/27/19 17:54 CST		0	Thunderstorm Wind (EG 50 kt)
	08/27/19 17:54 CST		0	Source: Emergency Manager

Several trees uprooted and power lines downed on Tanglewood Drive.

**A strong mid level short wave trough passed through central Alabama during the afternoon and evening hours. The air mass was very unstable with CAPE values 4000-4500 J/kg, which resulted in numerous reports of damaging winds.**

## ALABAMA, North

### JACKSON COUNTY --- 2.3 ESE SCOTTSBORO MUNI ARPT [34.69, -85.96]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/01/19 16:05 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/19 16:05 CST		0	Source: Emergency Manager

The Hollywood fire chief reported trees and power lines were knocked down at the intersection of CR 33 and Belle Drive in Hollywood. One tree fell onto a vehicle. Time estimated by radar.

**Scattered to numerous thunderstorms developed during the afternoon hours. One of the thunderstorms knocked multiple trees and power lines down near Hollywood in Jackson County. One of the trees fell onto a vehicle.**

**LAUDERDALE COUNTY --- 1.4 N JACKSONBURG [34.90, -87.67], 1.4 N JACKSONBURG [34.90, -87.67], 1.1 N JACKSONBURG [34.90, -87.67], 1.1 N JACKSONBURG [34.90, -87.67]**

	08/03/19 15:54 CST		0	Flash Flood (due to Heavy Rain)
	08/03/19 21:00 CST		0	Source: Emergency Manager

An Emergency Manager reported a foot of standing water on Highway 17.

**Scattered thunderstorms produced intense rainfall rates in a short period of time. This resulted in one inch rainfall amounts in 20 minutes or less in spots. One location reported flash flooding in Lauderdale County.**

**LAUDERDALE COUNTY --- 0.1 W LEXINGTON [34.97, -87.37]**

	08/04/19 17:07 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 17:07 CST		0	Source: Emergency Manager

Trees were knocked down along Old Mill Road.

**LAUDERDALE COUNTY --- 3.0 SSW GREEN HILL [34.93, -87.53]**

	08/04/19 17:24 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	08/04/19 17:24 CST		0	Source: Emergency Manager

A tree was knocked down onto the road at 3570 CR 34.

**LAUDERDALE COUNTY --- 0.6 N CENTER HILL [34.96, -87.43]**

	08/04/19 17:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 17:35 CST		0	Source: Emergency Manager

A tree was knocked down along CR 159 near CR 470.

**LAUDERDALE COUNTY --- 0.8 NNW WOODLAWN [34.84, -87.60]**

	08/04/19 17:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 17:35 CST		0	Source: Emergency Manager

Trees and power lines were knocked down along CR 323 just off U.S. Highway 72.

**LAUDERDALE COUNTY --- 1.3 SSE EAST KILLEN [34.85, -87.51]**

	08/04/19 17:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 17:35 CST		0	Source: Emergency Manager

A tree was knocked down along Old Brompton Lane near U.S. Highway 72.

**LAUDERDALE COUNTY --- 1.6 NNW ELGIN [34.87, -87.39]**

	08/04/19 17:35 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	08/04/19 17:35 CST		0	Source: Emergency Manager

A tree was knocked down at 2665 CR 92 in Elgin.

**A band of thunderstorms with strong outflow winds knocked down several trees and produced minor structural damage in parts of Lauderdale County. This band of thunderstorms moved south from middle Tennessee during the early to mid evening hours.**

**COLBERT COUNTY --- 1.1 WNW FORD CITY [34.79, -87.54]**

	08/07/19 15:17 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/19 15:17 CST		0	Source: Emergency Manager

Multiple trees were knocked down on River Road at Lakeview Drive.

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<b>MADISON COUNTY --- MERIDIANVILLE [34.85, -86.57]</b>				
	08/07/19 16:23 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/19 16:23 CST		0	Source: Social Media
Power lines were knocked down on Highway 431 in Meridianville.				
<b>LIMESTONE COUNTY --- 2.3 S HAYS MILL [34.84, -86.98]</b>				
	08/07/19 16:31 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	08/07/19 16:31 CST		0	Source: Social Media
A tree was knocked down near the intersection of Runway Street and Windsor Place.				
<b>LIMESTONE COUNTY --- 0.2 S MOORESVILLE [34.63, -86.88]</b>				
	08/07/19 16:48 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/19 16:48 CST		0	Source: Emergency Manager
Power lines were knocked down onto a house in the 200 block of Highway 20.				
<b>MORGAN COUNTY --- 0.8 W FLINT CITY [34.52, -86.98]</b>				
	08/07/19 16:56 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/19 16:56 CST		0	Source: Social Media
A large tree was snapped on Harris Mountain Drive near Unity Baptist Church.				
<b>MADISON COUNTY --- 1.1 E DEPOSIT [34.85, -86.45]</b>				
	08/07/19 17:09 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	08/07/19 17:09 CST		0	Source: Emergency Manager
A tree was knocked down in the 5700 block of Maysville Road in New Market.				
<b>CULLMAN COUNTY --- 6.1 ESE BREMEN [33.95, -86.87]</b>				
	08/07/19 18:04 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/19 18:04 CST		0	Source: Amateur Radio
Trees were knocked down onto a car at the intersection of I-65 and Highway 91.				
<b>Clusters of strong to severe thunderstorms developed during the afternoon hours in western and middle Tennessee and dropped south into north Alabama.</b>				
<b>(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE</b>				
	08/12/19 13:00 CST		0	Heat
	08/12/19 16:00 CST		0	
Temperatures climbed into the middle 90s with dew points in the lower 70s. This produced heat index values around 105 degrees during the mid afternoon hours in northwest Alabama.				
<b>(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN</b>				
	08/13/19 08:00 CST		0	Heat
	08/13/19 19:00 CST		0	
<b>(AL-Z001) LAUDERDALE, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN</b>				
	08/13/19 11:00 CST		0	Excessive Heat
	08/13/19 17:00 CST		0	
Temperatures warmed into the middle to upper 90s with dew points in the middle to upper 70s. This resulted in heat index values of around 110 in northwest Alabama and 105-110 in north central and northeast Alabama.				
<b>MADISON COUNTY --- 0.9 SE HAZEL GREEN [34.92, -86.57]</b>				
	08/13/19 18:15 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	08/13/19 18:15 CST		0	Source: Broadcast Media

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A large tree was knocked down in Hazel Green.				
<b>LAUDERDALE COUNTY --- 1.8 NE JACKSONBURG [34.90, -87.65], 0.9 SSE ST FLORIAN [34.86, -87.62]</b>				
	08/13/19 19:46 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 19:46 CST	0		Source: Emergency Manager
Trees and power lines were knocked down in St. Florian at CR 323 north of Kasmeier and at the intersection of CR 138 and CR 314.				
<b>LAUDERDALE COUNTY --- 0.7 S KILLEN [34.86, -87.53]</b>				
	08/13/19 19:48 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 19:48 CST	0		Source: Emergency Manager
Several trees were knocked down around the Killen area. A sign at a McDonalds restaurant along Highway 72 sustained damage. Time estimated by radar.				
<b>COLBERT COUNTY --- 0.3 NW TUSCUMBIA [34.73, -87.70]</b>				
	08/13/19 20:01 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:01 CST	0		Source: Newspaper
A large portion of roofing from a downtown Tuscumbia building was torn off by high winds and knocked onto and damaged a vehicle on the next street over (5th Street).				
<b>COLBERT COUNTY --- 0.6 W TUSCUMBIA [34.73, -87.71]</b>				
	08/13/19 20:01 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:01 CST	0		Source: Emergency Manager
Several trees were knocked down around Tuscumbia. Fencing was knocked over and unspecified damage was reported at an apartment complex. Time estimated by radar.				
<b>COLBERT COUNTY --- MUSCLE SHOALS [34.75, -87.67]</b>				
	08/13/19 20:01 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:01 CST	0		Source: Social Media
A large tree was knocked down into a home in Washington Park producing significant damage.				
<b>LAUDERDALE COUNTY --- 0.6 E NORTH FLORENCE [34.83, -87.67]</b>				
	08/13/19 20:20 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:20 CST	0		Source: Emergency Manager
Several trees were knocked down around the Florence area.				
<b>LAUDERDALE COUNTY --- 2.0 SSE JOHNSON XRDS [34.94, -87.74]</b>				
	08/13/19 20:25 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:25 CST	0		Source: Emergency Manager
Trees and power lines were knocked down at 19660 CR 8. A tree was knocked down on CR 7.				
<b>MORGAN COUNTY --- 0.7 S DECATUR [34.61, -86.98]</b>				
	08/13/19 20:33 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:33 CST	0		Source: Newspaper
A large 100 year old oak tree was uprooted onto a 1903 home at 722 Ferry Street in Decatur.				
<b>LAUDERDALE COUNTY --- 3.1 WSW MURPHY XRDS [34.96, -87.93]</b>				
	08/13/19 20:36 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:36 CST	0		Source: Emergency Manager
Trees were knocked down in Waterloo at 5399 CR 8.				
<b>LAUDERDALE COUNTY --- 3.1 WSW MURPHY XRDS [34.96, -87.93]</b>				
	08/13/19 20:36 CST	0		Thunderstorm Wind (EG 52 kt)
	08/13/19 20:36 CST	0		Source: Emergency Manager



## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Trees were knocked down in Waterloo at CR 14 and CR 146.

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**LAUDERDALE COUNTY --- 1.1 E OLIVER [34.82, -87.23]**

08/13/19 20:40 CST	0	Thunderstorm Wind (EG 52 kt)
08/13/19 20:40 CST	0	Source: Emergency Manager

Trees were knocked down along Riverfront Road.

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**LAUDERDALE COUNTY --- 1.1 E CENTRAL HGTS [34.90, -87.76], 0.3 E CENTRAL HGTS [34.90, -87.77], 0.7 NNE CENTRAL HGTS [34.91, -87.77], 1.4 ENE CENTRAL HGTS [34.91, -87.76]**

08/13/19 21:29 CST	0	Flood (due to Heavy Rain)
08/14/19 04:00 CST	0	Source: Emergency Manager

Water over the roadway at 6891 County Road 6 in Lauderdale County near Florence.

**Strong to severe thunderstorms developed in southwestern portions of middle Tennessee during the early evening hours and dropped south into northwest and north central Alabama by mid to late evening. This resulted in numerous reports of wind damage in northwest Alabama/Shoals area, including trees being knocked down and some structural damage. Thunderstorms further east produced damage in Decatur in Morgan County. Up to 17,000 residents lost power for several hours due to the thunderstorms in Limestone County.**

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**(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z007) MORGAN**

08/19/19 12:00 CST	0	Heat
08/19/19 18:00 CST	0	

Heat index values reached 105-107 degrees in northwest Alabama during the early to mid afternoon hours.

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**JACKSON COUNTY --- 1.5 SSE HODGE [34.60, -85.96]**

08/19/19 12:06 CST	0	Thunderstorm Wind (EG 52 kt)
08/19/19 12:06 CST	0	Source: Emergency Manager

Several trees were knocked down onto CR 156 in the Section area. Time estimated by radar.

**A cluster of thunderstorms developed during the early afternoon in northeast Alabama. One of the thunderstorms produced isolated wind damage in Jackson County.**

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**DEKALB COUNTY --- 1.4 S HENAGAR [34.45, -85.78]**

08/19/19 12:29 CST	30K	Thunderstorm Wind (EG 43 kt)
08/19/19 12:29 CST	0	Source: Emergency Manager

A large tree was knocked down onto a home at 216 Cemetery Rd in Pine Ridge.

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**MORGAN COUNTY --- 1.1 SSW TRINITY [34.61, -87.09]**

08/19/19 16:50 CST	0.50K	Thunderstorm Wind (EG 43 kt)
08/19/19 16:50 CST	0	Source: Broadcast Media

Roof shingle damage was reported in Trinity. Also, tree limbs were knocked down.

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**MORGAN COUNTY --- 0.6 NW AUSTINVILLE [34.58, -87.01]**

08/19/19 16:55 CST	0	Thunderstorm Wind (EG 52 kt)
08/19/19 16:55 CST	0	Source: Emergency Manager

A traffic light was knocked down at the intersection of Danville Road and Carridale Street in Decatur.

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**MORGAN COUNTY --- 0.9 SW DECATUR [34.61, -86.99]**

08/19/19 16:55 CST	0	Thunderstorm Wind (EG 52 kt)
08/19/19 16:55 CST	0	Source: Emergency Manager

There are multiple reports of trees and power lines down throughout the city limits of Decatur. Numerous power outages reported by broadcast media.

**Isolated thunderstorms developed during the early to mid afternoon hours in northeast Alabama. At least one tree was knocked down onto a home in Pine Ridge, in DeKalb County.**

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COLBERT COUNTY --- 0.9 NW FORD CITY [34.79, -87.53]</b>				
	08/23/19 14:45 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	08/23/19 14:45 CST		0	Source: Broadcast Media
A tree was knocked down onto a residence causing minor roof damage near Ford City. Small hail also reported at this location. Time estimated by radar.				
<b>COLBERT COUNTY --- 0.9 SE WILSON DAM [34.77, -87.64]</b>				
	08/23/19 15:30 CST		0	Heavy Rain
	08/23/19 21:00 CST		0	Source: Official NWS Observations
Intense rainfall fell in a short period of time. In 5 minutes, 0.52" fell. In 10 minutes, 0.83", and in 15 minutes, 1.07" fell. Observations courtesy of Muscle Shoals TVA Reservation site (MSXA1).				
Clusters of strong thunderstorms developed during the early to mid afternoon hours. One of the thunderstorms knocked a tree down onto a residence near Ford City. Intense rainfall from a thunderstorm in Muscle Shoals caused brief flash flooding prompting the rescue of one person from a vehicle submerged in 3 feet of water. The HCN automated rain gage at the TVA reservation measured nearly an inch in 10 minutes and just over one half inch in 5 minutes. A rain total of around 1.5 inches fell in 30 minutes.				
<b>LAUDERDALE COUNTY --- 0.6 E FLORENCE [34.80, -87.66], 0.3 SE FLORENCE [34.80, -87.67], 0.2 NNW FLORENCE [34.80, -87.67], 0.7 NE FLORENCE [34.81, -87.66]</b>				
	08/25/19 15:10 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 21:00 CST		0	Source: Emergency Manager
A few streets are flooded and/or closed near Downtown Florence due to excessive rainfall from flash flooding, including Commerce Street.				
<b>LAUDERDALE COUNTY --- 0.6 E NORTH FLORENCE [34.83, -87.67], 1.0 E NORTH FLORENCE [34.83, -87.66], 0.9 ENE NORTH FLORENCE [34.84, -87.67], 0.6 NE NORTH FLORENCE [34.84, -87.67]</b>				
	08/25/19 15:16 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 21:00 CST		0	Source: Trained Spotter
Helton Drive closed due to flash flooding just south of the Cox Creek Parkway.				
<b>LAUDERDALE COUNTY --- 1.3 ESE NORTH FLORENCE [34.82, -87.66], 1.4 ESE NORTH FLORENCE [34.82, -87.66], 1.3 E NORTH FLORENCE [34.83, -87.66], 0.6 ESE NORTH FLORENCE [34.83, -87.67]</b>				
	08/25/19 15:17 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 21:00 CST		0	Source: Public
Darby Drive impassable due to flash flooding just north of Florence Blvd.				
<b>COLBERT COUNTY --- 0.9 NE MUSCLE SHOALS [34.76, -87.66], 1.1 ENE MUSCLE SHOALS [34.76, -87.65], 0.3 ENE MUSCLE SHOALS [34.75, -87.66], 0.7 N MUSCLE SHOALS [34.76, -87.67]</b>				
	08/25/19 16:15 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 22:00 CST		0	Source: NWS Employee
Water reported flowing over 2nd Street in Downtown Muscle Shoals into a couple of buildings.				
<b>COLBERT COUNTY --- 0.6 W EMCO [34.78, -87.61], 0.3 WNW STINSON HOLLOW [34.78, -87.62], 0.8 NNE STINSON HOLLOW [34.79, -87.61], 0.6 N EMCO [34.79, -87.60]</b>				
	08/25/19 16:20 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 22:00 CST		0	Source: Emergency Manager
Water flowing over River Road in East Muscle Shoals and into a Church.				
<b>COLBERT COUNTY --- 1.1 E BARTON [34.73, -87.86], 1.3 WNW PRIDE [34.73, -87.84], 1.5 NW PRIDE [34.74, -87.84], 1.9 NE BARTON [34.75, -87.85]</b>				
	08/25/19 17:00 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 23:00 CST		0	Source: Emergency Manager
An accident was caused by ponding of water on Hwy 72 near the Colbert Steam Plant.				
<b>LAUDERDALE COUNTY --- 0.9 SE PETERSVILLE [34.84, -87.67], 0.7 SSE PETERSVILLE [34.84, -87.68], 0.5 NNE NORTH FLORENCE [34.84, -87.68], 0.8 NE NORTH FLORENCE [34.84, -87.67]</b>				

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/25/19 17:35 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 23:00 CST		0	Source: Public

Significant street flooding along Old Chisolm Road.

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<b>COLBERT COUNTY --- 1.8 NW BARTON [34.75, -87.90], 0.9 N BARTON [34.74, -87.88], 0.3 SSE BARTON [34.73, -87.88], 2.5 W BARTON [34.73, -87.92]</b>	08/25/19 17:37 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 23:00 CST		0	Source: Emergency Manager

Approximately a foot of water over the roadway extending around 2 miles.

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<b>COLBERT COUNTY --- 1.8 WNW BARTON [34.74, -87.91], 1.9 W BARTON [34.73, -87.91], 2.5 WNW BARTON [34.74, -87.92], 2.4 WNW BARTON [34.75, -87.92]</b>	08/25/19 17:42 CST		0	Flash Flood (due to Heavy Rain)
	08/25/19 23:00 CST		0	Source: Emergency Manager

Hwy 72 and Shop Loop flooded due to ditches overflowing onto the roadway.

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<b>COLBERT COUNTY --- 2.7 NE CHEROKEE [34.78, -87.94], 3.3 NE CHEROKEE [34.78, -87.93], 2.8 ENE CHEROKEE [34.77, -87.93], 2.1 NE CHEROKEE [34.77, -87.94]</b>	08/25/19 19:52 CST		0	Flash Flood (due to Heavy Rain)
	08/26/19 03:00 CST		0	Source: Emergency Manager

A water rescue of 2 people in a vehicle at the intersection of Mulberry Lake and Moody Lane. 2 feet of water reported over the roadway.

Place Holder...

### ALABAMA, Southeast

**(AL-Z066) DALE, (AL-Z067) HENRY**

	08/01/19 00:00 EST		0	Drought
	08/31/19 23:59 EST		0	

D2 drought conditions were present throughout August and into September across portions of Henry and Dale counties.

**DALE COUNTY --- 1.4 N KLONDYKE HILL [31.40, -85.60]**

	08/03/19 13:27 CST		0	Hail (0.75 in)
	08/03/19 13:27 CST		0	Source: Trained Spotter

**DALE COUNTY --- 1.5 SSE DALE COUNTY LAKE [31.46, -85.62]**

	08/03/19 13:52 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/03/19 13:52 CST		0	Source: County Official

A tree was blown down onto a vehicle near 254 Bermuda Ave.

As is typical during summer, scattered afternoon thunderstorms produced strong to marginally severe winds.

### ALABAMA, Southwest

**CRENSHAW COUNTY --- 4.0 N GLENWOOD [31.73, -86.17]**

	08/04/19 12:41 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 12:43 CST		0	Source: Emergency Manager

Strong winds downed trees and power lines along and north of Goshen Road.

**BUTLER COUNTY --- GREENVILLE [31.83, -86.63]**

## Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/04/19 13:34 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/19 13:36 CST		0	Source: Emergency Manager

Strong winds downed trees and branches near Cahaba Road.

**Strong thunderstorms developed during peak afternoon heating and became briefly severe with damaging winds.**

**BALDWIN COUNTY --- 2.1 ESE OAK [30.31, -87.67]**

08/15/19 14:00 CST	1	0	Lightning
08/15/19 14:00 CST		0	Source: Broadcast Media

A 28 year old male was struck by lightning while working on a construction site in craft farms. he was rushed to the hospital where he later died as a result of his injuries.

Direct Fatalities: M28OU

**One person died due to a lightning strike in Gulf Shores, AL.**

**MOBILE COUNTY --- 1.9 SSE BAYOU LA BATRE ARPT [30.42, -88.21], 2.0 N MON LOUIS [30.46, -88.10], 0.7 N ALABAMA PORT [30.38, -88.12], 2.0 WSW DELCHAMPS [30.39, -88.18]**

08/26/19 11:00 CST		0	Flash Flood (due to Heavy Rain)
08/26/19 12:30 CST		0	Source: Broadcast Media

Image of street flooding near Bay Road and Dauphin Island Parkway.

**A slow moving thunderstorm caused street flooding near Mobile.**