

Storm Data and Unusual Weather Phenomena - September 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
(AL-Z025) SHELBY				
	09/01/19 00:00 CST	0		Drought
	09/01/19 23:59 CST	0		
Above normal temperatures and rainfall totals about ten percent of normal for September increased the drought intensity across Shelby County.				
JEFFERSON COUNTY --- 86.2 N WHITE HALL [33.57, -86.90]				
	09/11/19 15:22 CST	0		Thunderstorm Wind (EG 50 kt)
	09/11/19 15:22 CST	0		Source: Public
Several trees uprooted in the city of Forestdale.				
BLOUNT COUNTY --- 1.9 WNW HOODS XRDS [33.99, -86.45]				
	09/11/19 15:52 CST	0		Thunderstorm Wind (EG 50 kt)
	09/11/19 15:52 CST	0		Source: Emergency Manager
Several pine trees uprooted and snapped at the Heritage Golf Course.				
Summertime convection developed in the afternoon on September 11th. A few storms produced wind damage in a zone of CAPE values near 3000 J/kg.				
CHILTON COUNTY --- 2.2 E MOUNTAIN CREEK [32.72, -86.44]				
	09/19/19 14:19 CST	0		Thunderstorm Wind (EG 50 kt)
	09/19/19 14:19 CST	0		Source: 911 Call Center
A few trees uprooted along County Road 23.				
A weak west to east surface boundary was located across the middle of central Alabama. Microburst parameters indicated a strong threat a damaging winds, and few storms produced wind damage and small hail.				
(AL-Z028) CLAY, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z043) ELMORE				
	09/24/19 00:00 CST	0		Drought
	09/30/19 23:59 CST	0		
Above normal temperatures and a lack of rainfall brought severe to extreme drought conditions to portions of central Alabama in September.				
ALABAMA, North				
LAWRENCE COUNTY --- 0.6 W MT MORIAH [34.55, -87.23]				
	09/10/19 14:00 CST	0		Thunderstorm Wind (EG 52 kt)
	09/10/19 14:00 CST	0		Source: Emergency Manager
Thunderstorm winds damaged a roof to a barn and houses in the area along CR 309. Time estimated by radar.				
LAWRENCE COUNTY --- 0.7 S CHALYBEATE SPGS [34.56, -87.22]				
	09/10/19 14:00 CST	0		Thunderstorm Wind (EG 52 kt)
	09/10/19 14:00 CST	0		Source: Public
Thunderstorm winds produced severe roof damage to a building in the Mount Hope area. Time estimated by radar.				
DEKALB COUNTY --- 2.0 S BEATY XRDS [34.67, -85.67]				
	09/10/19 14:55 CST	0.50K		Thunderstorm Wind (EG 43 kt)
	09/10/19 14:55 CST	0		Source: Emergency Manager
Bradford pear trees were knocked down near the intersection of CR 134 at CR 712.				

Storm Data and Unusual Weather Phenomena - September 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MADISON COUNTY --- 0.6 E CHASE [34.78, -86.54]				
	09/10/19 15:25 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:25 CST		0	Source: Emergency Manager
Numerous trees and power lines were knocked down in north Huntsville, including the Moores Mill area.				
MADISON COUNTY --- 0.9 ESE HUNTSVILLE PARK [34.70, -86.60]				
	09/10/19 15:26 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:26 CST		0	Source: Broadcast Media
A large tree was knocked down onto an apartment building causing severe damage on Hood Road.				
MADISON COUNTY --- 0.9 SW HUNTSVILLE PARK [34.69, -86.63]				
	09/10/19 15:26 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:26 CST		0	Source: Broadcast Media
Trees were knocked down at the 4400 block of Millvale Drive. Time estimated by radar.				
MADISON COUNTY --- 1.0 S NORMAL [34.77, -86.58]				
	09/10/19 15:26 CST		0.20K	Thunderstorm Wind (EG 43 kt)
	09/10/19 15:26 CST		0	Source: Emergency Manager
A tree was knocked down on Normandale Road. Time estimated by radar.				
MADISON COUNTY --- 1.1 SE HUNTSVILLE PARK [34.69, -86.60]				
	09/10/19 15:26 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:26 CST		0	Source: Emergency Manager
Trees and power lines were knocked down on Baywood Drive and Johnson Drive. Time estimated by radar.				
MADISON COUNTY --- 1.4 NW NORMAL [34.79, -86.60]				
	09/10/19 15:29 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:29 CST		0	Source: Emergency Manager
Trees were knocked down along Blue Spring Road at Winchester Road. Time estimated by radar.				
MADISON COUNTY --- 1.5 S MOORES MILL [34.83, -86.52]				
	09/10/19 15:29 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:29 CST		0	Source: Broadcast Media
A power line was snapped on Helena Drive NW with transformers hanging off the ground.				
MADISON COUNTY --- 1.5 SSW NORMAL [34.76, -86.59], 1.4 S NORMAL [34.76, -86.58], 1.7 S NORMAL [34.76, -86.58], 1.8 SSW NORMAL [34.76, -86.59]				
	09/10/19 15:30 CST		0	Flash Flood (due to Heavy Rain)
	09/10/19 20:30 CST		0	Source: Emergency Manager
Two feet of water reported at Washington Street and Max Luther Drive. The road has been closed. Other reports of more minor flooding ongoing in North Huntsville at this time.				
MADISON COUNTY --- 0.7 W NORMAL [34.78, -86.59]				
	09/10/19 15:37 CST		0	Thunderstorm Wind (EG 52 kt)
	09/10/19 15:37 CST		0	Source: Broadcast Media
A large tree was knocked down onto a car and carport on Lakeview Drive. Time estimated by radar.				
COLBERT COUNTY --- 0.7 N CHEROKEE [34.76, -87.97]				
	09/10/19 15:45 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	09/10/19 15:45 CST		0	Source: Emergency Manager
A tree and power line was knocked down in Cherokee.				

Storm Data and Unusual Weather Phenomena - September 2019

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

Several clusters of thunderstorms developed during peak afternoon heating across north Alabama. These formed in an environment favorable for downbursts capable of damaging winds. Small hail was also reported.

Several of the thunderstorms produced intense downpours in a short period of time, including 1-2 inches in less than an hour. This resulted in short-term flash flooding in the north side of Huntsville just north of downtown. In this area, up to two feet of flood water closed a heavily traveled street in north Huntsville, while several others experienced short term flooding of 3-6 inches depth.

MADISON COUNTY --- 1.7 E HUNTSVILLE [34.73, -86.59]

09/11/19 14:55 CST		0		Thunderstorm Wind (MG 51 kt)
09/11/19 14:55 CST		0		Source: Broadcast Media

A wind gust of 59 mph was measured on the roof of WHNT-TV. Small hail was also reported at this location.

MADISON COUNTY --- 1.8 SW HUNTSVILLE MILLS ARP [34.73, -86.57]

09/11/19 14:55 CST		0		Thunderstorm Wind (EG 52 kt)
09/11/19 14:55 CST		0		Source: Public

Trees were knocked down on Kingsbury Avenue.

MADISON COUNTY --- 1.8 SW HUNTSVILLE MILLS ARP [34.74, -86.58]

09/11/19 14:55 CST		0		Thunderstorm Wind (EG 52 kt)
09/11/19 14:55 CST		0		Source: Emergency Manager

A tree was knocked down blocking Randolph Avenue. A pole was also leaning due to the strong winds along Walker Avenue. Time estimated by radar.

MADISON COUNTY --- 1.8 WSW HUNTSVILLE MILLS ARP [34.74, -86.58]

09/11/19 14:55 CST		0		Thunderstorm Wind (EG 52 kt)
09/11/19 14:55 CST		0		Source: Trained Spotter

Numerous trees were knocked down in Old Town Huntsville.

MADISON COUNTY --- 0.6 E OAKWOOD COLLEGE [34.75, -86.62]

09/11/19 15:04 CST		0		Thunderstorm Wind (EG 52 kt)
09/11/19 15:04 CST		0		Source: Trained Spotter

Trees were knocked down onto power lines and a home on Valerie Avenue between Euclid and Laverne. Time estimated by radar.

MADISON COUNTY --- 1.7 E OAKWOOD COLLEGE [34.75, -86.60]

09/11/19 15:08 CST		30K		Lightning
09/11/19 15:08 CST		0		Source: Emergency Manager

Lightning struck a power pole that fell onto a vehicle in a grocery store parking lot. Time estimated.

MADISON COUNTY --- 2.3 WSW GLADSTONE [34.87, -86.69]

09/11/19 15:17 CST		0		Thunderstorm Wind (EG 52 kt)
09/11/19 15:17 CST		0		Source: Emergency Manager

Power lines were knocked down at Carters Gin Road and Ginnery Road. Time estimated by radar.

MADISON COUNTY --- 2.1 SSW NORMAL [34.75, -86.59], 2.0 SSW NORMAL [34.75, -86.59], 1.9 SSW NORMAL [34.75, -86.59], 2.1 SSW NORMAL [34.75, -86.59]

09/11/19 15:38 CST		0		Flash Flood (due to Heavy Rain)
09/11/19 22:00 CST		0		Source: Emergency Manager

A vehicle was flooded and 2 occupants were aided by Fire and Rescue at Cahill Drive and Washington Street just north of Oakwood Avenue.

MADISON COUNTY --- 1.8 ENE HUNTSVILLE [34.74, -86.59], 1.5 NE HUNTSVILLE [34.75, -86.60], 1.2 NE HUNTSVILLE [34.74, -86.60], 1.7 ENE HUNTSVILLE [34.74, -86.59]

09/11/19 15:42 CST		0		Flash Flood (due to Heavy Rain)
09/11/19 22:42 CST		0		Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - September 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Reports of flooding along University Drive/Pratt Avenue. Road temporarily closed between Church Street and Memorial Parkway. Cook Avenue also experiencing flooding.				

MADISON COUNTY --- 1.4 ESE JEFF [34.82, -86.70]

09/11/19 17:07 CST	0	Thunderstorm Wind (EG 52 kt)
09/11/19 17:07 CST	0	Source: Public

Thunderstorm winds produced heavy damage to a metal barn on Kelly Spring Road in Harvest. Time estimated by radar.

A thunderstorm produced a downburst over Huntsville in Madison County during the afternoon hours. Intense rainfall led to brief flash flooding as well.

MARSHALL COUNTY --- 0.5 NNE SARATOGA [34.26, -86.20]

09/14/19 15:25 CST	0.50K	Thunderstorm Wind (EG 43 kt)
09/14/19 15:25 CST	0	Source: Social Media

A photo and report was relayed through social media indicating a couple of trees or large limbs were knocked down in Albertville. Time and location estimated by radar.

A thunderstorm knocked a couple of trees down on the south side of Albertville during the late afternoon hours.

(AL-Z009) JACKSON

09/24/19 00:00 CST	0	Drought
09/30/19 00:00 CST	0	

Severe (D2) drought was introduced to the drought monitor.

ALABAMA, Southeast

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

09/01/19 00:00 EST	0	Drought
09/30/19 23:59 EST	0	

D2 drought conditions continued across portions of Dale and Henry counties throughout September.

(AL-Z065) COFFEE, (AL-Z068) GENEVA

09/24/19 00:00 EST	0	Drought
09/30/19 23:59 EST	0	

D2 drought conditions developed across portions of Geneva and Coffee counties during the last week of September and continued into October.

ALABAMA, Southwest

MOBILE COUNTY --- 0.9 SSE ORCHARD [30.71, -88.19], 2.9 ESE DAWES [30.59, -88.20], 2.8 E TILLMANS CORNER [30.59, -88.08], 2.0 SSW PLATEAU [30.69, -88.04]

09/19/19 14:09 CST	0.10M	Flash Flood (due to Heavy Rain)
09/19/19 19:09 CST	0	Source: Public

Nearly stationary thunderstorms developed over portions of eastern Mobile County from near the Regional airport eastward to downtown Mobile. These thunderstorms produced very heavy rain with storm total amounts of 4 inches to over 10 inches over rain in a few hours. Numerous reports of flooding were received from mid-town and downtown Mobile. Water covered roads and parking lots near Dauphin Street and Airport Blvd. near I-65, McGregor and Old Shell Road, Airport and Dauphin Island Parkway, Old Shell Road and Sage Road. Numerous cars were flooded and stranded in the area. Flooded roads were also reported in the Tillman's corner community.

A backdoor cold front moving from east to west across the area as high pressure built across the Mid-Atlantic states. Isolated to scattered showers and thunderstorms developed ahead of this boundary. This front stalled during the late afternoon and evening hours across southwest Alabama. A thunderstorm developed along this boundary across portions of midtown and downtown Mobile. The storm stalled across these areas and produced 4 inches to over 10 inches of rain, causing numerous flooding issues around the

Storm Data and Unusual Weather Phenomena - September 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
city of Mobile.				