

Storm Data and Unusual Weather Phenomena - September 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ALABAMA, Central

(AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z027) TALLADEGA, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z043) ELMORE, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR

09/11/17 11:00 CST	0	Tropical Storm
09/11/17 19:00 CST	0	

Hurricane Irma made landfall on the west coast of the Florida peninsula on September 10th. The hurricane tracked northward across Florida and weakened into a tropical storm on September 11th as it moved into southwest Georgia. Tropical Storm Warnings were in effect for east central Alabama as Tropical Storm Irma approached east Alabama. Steady rains overspread the region by early morning, with breezy and gusty winds arriving south to north through the day. The highest impacts occurred east of Interstate 65 where peak wind gusts of 30 to 45 mph knocked down numerous trees, some of which blocked roadways, fell onto homes, and took out power lines. Due to the track of Irma's center, there was no tornado threat to Alabama. By the nighttime hours, winds were decreasing and Irma was downgraded to a tropical depression.

PIKE COUNTY --- 2.7 ENE TENNILLE [31.64, -85.74]

09/16/17 16:48 CST	0	Thunderstorm Wind (EG 50 kt)
09/16/17 16:49 CST	0	Source: County Official

Several trees were uprooted and power lines downed along Tennille Road.

A small cluster of thunderstorms quickly intensified during the late afternoon hours over southern Pike County, and produced wind damage.

CALHOUN COUNTY --- CHOCCOLOCCO [33.67, -85.70]

09/19/17 15:57 CST	0	Hail (1.00 in)
09/19/17 15:58 CST	0	Source: Trained Spotter

CALHOUN COUNTY --- 0.6 W OLD DAVISVILLE [33.65, -85.68]

09/19/17 16:00 CST	0	Thunderstorm Wind (EG 50 kt)
09/19/17 16:01 CST	0	Source: Broadcast Media

Several trees uprooted and fell onto a mobile home.

An upper level short wave trough moved across north Alabama during the day on September 19th. Surface based CAPE peaked between 2500 and 3000 J/KG during the afternoon. Scattered to numerous thunderstorms developed during the afternoon and early evening, and a few became severe.

RUSSELL COUNTY --- 0.1 E CRAWFORD [32.45, -85.18]

09/22/17 15:13 CST	0	Thunderstorm Wind (EG 50 kt)
09/22/17 15:14 CST	0	Source: Public

Several trees uprooted near the intersection of Laney Road and Boswell Road.

CHEROKEE COUNTY --- 0.6 E BROOMTOWN [34.37, -85.51]

09/23/17 16:13 CST	0	Thunderstorm Wind (EG 50 kt)
09/23/17 16:14 CST	0	Source: Emergency Manager

Mobile home damaged and power lines downed near the town of Broomtown.

Isolated strong to severe thunderstorms developed in the afternoon on September 22nd and September 23rd.

ALABAMA, North

MORGAN COUNTY --- 0.6 W DANVILLE [34.42, -87.09]

09/05/17 13:57 CST	0	Hail (0.88 in)
09/05/17 13:57 CST	0	Source: Broadcast Media

Nickel sized hail was reported in Danville.

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JACKSON COUNTY --- 0.9 SE DUTTON [34.61, -85.92]				
	09/05/17 15:11 CST	0		Hail (0.88 in)
	09/05/17 15:11 CST	0		Source: Broadcast Media
Nickel sized hail was reported in Dutton.				
DEKALB COUNTY --- 0.6 E BEATY XRDS [34.70, -85.67]				
	09/05/17 15:28 CST	0		Hail (1.00 in)
	09/05/17 15:28 CST	0		Source: Broadcast Media
Hail up the sized of quarters was reported in Ider.				
A cold front produced a few strong thunderstorms during the late afternoon hours. Two of the storms produce nickel sized hail.				
(AL-Z008) MARSHALL, (AL-Z010) DEKALB				
	09/11/17 16:00 CST	0		High Wind (MAX 43 kt)
	09/12/17 00:00 CST	0		
Tropical Depression Irma moved into southwest Georgia during the afternoon and evening of the 11th. This resulted in windy conditions across northeast Alabama. North to northeast winds gusted over 35 mph in a few locations. This resulted in a few reports of trees and tree limbs being knocked down. A few hundred residents also lost power due to the downed tree limbs onto utility lines.				
COLBERT COUNTY --- 0.6 E (MSL)MUSCLE SHOALS A [34.75, -87.61]				
	09/19/17 10:06 CST	0		Thunderstorm Wind (EG 51 kt)
	09/19/17 10:06 CST	0		Source: ASOS
A wind gust of 59 mph was reported by the ASOS at the Northwest Alabama Regional Airport.				
MARSHALL COUNTY --- 0.9 SW SCANT CITY [34.36, -86.44]				
	09/19/17 12:58 CST	0		Thunderstorm Wind (EG 52 kt)
	09/19/17 12:58 CST	0		Source: Emergency Manager
Power lines were knocked down on Eddy Scant Road.				
MARSHALL COUNTY --- 2.2 NE LAKEVIEW [34.35, -86.30]				
	09/19/17 13:28 CST	0		Thunderstorm Wind (EG 52 kt)
	09/19/17 13:28 CST	0		Source: Emergency Manager
Widespread power outages were reported in the Guntersville area.				
MARSHALL COUNTY --- 2.8 NNE HYATT [34.27, -86.34]				
	09/19/17 13:28 CST	0		Thunderstorm Wind (EG 52 kt)
	09/19/17 13:28 CST	0		Source: Emergency Manager
Two trees were knocked down in the Pleasant Grove area.				
Clusters of strong to severe thunderstorms developed during the late morning and early afternoon hours, beginning in northwest Alabama and moving eastward and becoming more numerous by early to mid afternoon. Winds gusted to 59 mph at Muscle Shoals, and wind damage was reported in Marshall County.				
DEKALB COUNTY --- 1.3 WNW CROSSVILLE [34.29, -86.02]				
	09/23/17 17:35 CST	0		Thunderstorm Wind (EG 61 kt)
	09/23/17 17:35 CST	0		Source: Trained Spotter
A spotter reported minor roof damage to barns in the area. Also, two oak trees were uprooted.				
DEKALB COUNTY --- 1.4 N LATHAMVILLE [34.29, -86.03]				
	09/23/17 17:35 CST	0		Thunderstorm Wind (EG 61 kt)
	09/23/17 17:35 CST	0		Source: Trained Spotter
A tree was knocked down onto a house. Side paneling of a barn was torn back.				

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DEKALB COUNTY --- 0.6 W KILPATRICK [34.27, -86.08]				
	09/23/17 17:50 CST		0	Thunderstorm Wind (EG 61 kt)
	09/23/17 17:50 CST		0	Source: Public

Trees were knocked down in a field near the intersection of Highways 68 and 168. time is estimated.

An evening thunderstorm produced wind damage in and around Crossville. Trees were uprooted and roof damage was reported.

ALABAMA, Southeast

(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON				
	09/11/17 04:00 EST		0.65M	Tropical Storm
	09/11/17 22:00 EST		0	

Hurricane Irma brought numerous impacts to the Florida Big Bend, southwest Georgia and southeast Alabama including widespread downed trees and power lines, roads blocked by trees, power outages, and trees on homes. Two people died during the event - one due to a car crash (Liberty County, FL) and another that had a heart attack (Worth County, GA). Two indirect deaths also occurred due to carbon monoxide from a generator (Taylor County, FL). While many counties across the Florida Big Bend and southwest Georgia were impacted, the greatest impacts were across the eastern portion of the area near the I-75 corridor. There were over 6.5 million customers without power in Florida, over 930,000 customers without power in Georgia, and over 45,000 customers without power in Alabama. Total damage cost for each county was estimated when figures were not available.

For southeast Alabama, Houston county reported a few trees and power lines down.

Coffee county reported several power lines and large trees down across major highways including Highway 135 South, 441 South, and 151 South. Some trees fell on structures and one farm structure collapsed.

Henry county reported numerous trees and power lines were down across the county. Two homes sustained structural damage damage due to fallen trees. Multiple roads were blocked with fallen trees. Approximately 1200 homes were without power.

Dale county reported several trees and power lines were down in the county. Two homes suffered minor damage due to trees falling on the roofs. Power outages were also noted in the county.

Geneva county reported trees and power lines down across the county with the county removing trees from 37 sites. In addition, on County Road 60, the roof was lost off a mobile home. The ceiling of the mobile home eventually collapsed and with rain entering the mobile home, it was a complete loss.

COFFEE COUNTY --- 2.5 WNW ENTERPRISE [31.33, -85.88]				
	09/23/17 15:27 CST		0	Hail (1.00 in)
	09/23/17 15:27 CST		0	Source: Social Media

Quarter sized hail fell near Enterprise with a picture posted on social media.

An isolated thunderstorm developed with steep mid level lapse rates and sufficient instability for large hail near Enterprise.

ALABAMA, Southwest

MOBILE COUNTY --- MOBILE BATES FLD [30.68, -88.23]				
	09/22/17 14:58 CST		5K	Thunderstorm Wind (EG 52 kt)
	09/22/17 15:00 CST		0	Source: Broadcast Media

Winds estimated at 60 damaged power poles near the Mobile Regional Airport. Dime to penny size hail was also observed at the NWS office.

Thunderstorms moved across southwest Alabama and produced small hail and gusty winds.