

Storm Data and Unusual Weather Phenomena - August 2014

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

ETOWAH COUNTY --- 1.5 NNW TURKEYTOWN [34.10, -85.91]				
	08/07/14 18:40 CST		0	Thunderstorm Wind (EG 50 kt)
	08/07/14 18:40 CST		0	Source: Emergency Manager

Several dozen trees were uprooted along Big Mountain Ridge.

Thunderstorms developed late in the day along a surface boundary that was draped across northeast Alabama.

LEE COUNTY --- 1.0 WSW ROANOKE JCT [32.67, -85.40], 1.1 WSW OPELIKA [32.64, -85.39], 0.1 ENE OPELIKA [32.65, -85.37], 0.2 SW ROANOKE JCT [32.67, -85.38]				
	08/11/14 13:30 CST		0	Flash Flood (due to Heavy Rain)
	08/11/14 14:30 CST		0	Source: Law Enforcement

Several roads within the city limits of Opelika were flooded and impassable.

Slow moving thunderstorms developed across east Alabama during the peak heating of the day.

AUTAUGA COUNTY --- 2.9 E FAYS [32.48, -86.37]				
	08/18/14 14:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/18/14 14:50 CST		0	Source: Emergency Manager

Several trees were uprooted in the city of Millbrook.

ELMORE COUNTY --- 1.4 ESE WETUMPKA [32.54, -86.20]				
	08/18/14 15:03 CST		0	Thunderstorm Wind (EG 50 kt)
	08/18/14 15:03 CST		0	Source: Emergency Manager

Several trees uprooted in the city of Wetumpka.

An MCV moving eastward across Mississippi triggered a cluster of strong to severe thunderstorms across south central Alabama.

TALLAPOOSA COUNTY --- 0.7 N SESSIONS [32.94, -85.75]				
	08/20/14 15:30 CST		0	Lightning
	08/20/14 15:30 CST	1	0	Source: Emergency Manager

A 24 year old male sustained non-life threatening injuries when he was struck by lightning in his yard outside of his home.

Thunderstorms developed during the afternoon heating and produced cloud to ground lightning.

ALABAMA, North

DEKALB COUNTY --- HENAGAR [34.47, -85.78]				
	08/02/14 15:10 CST		2K	Lightning
	08/02/14 15:10 CST		0	Source: Trained Spotter

Lightning struck a large tree resulting in significant damage.

A thunderstorm struck a tree near Henegar in DeKalb County (northeast AL).

MARSHALL COUNTY --- BOAZ [34.20, -86.17], ALBERTVILLE [34.27, -86.22]				
	08/07/14 17:50 CST		0.15M	Thunderstorm Wind (EG 65 kt)
	08/07/14 17:55 CST		0	Source: Emergency Manager

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<p>A thunderstorm produced microburst type damage first in Albertville, Alabama, with numerous trees downed by thunderstorm winds along Highway 205. Three homes sustained minor to moderate damage due to trees falling and trees were reported through two additional homes. Also along Highway 205, several power lines, two power poles and four traffic lights were downed due to the thunderstorm winds. The Foodland grocery store in Albertville, Alabama sustained wind damage, with one third of its roof, sheeting and inside ceiling tiles, moderately damaged by thunderstorm winds. In Albertville, Alabama, numerous trees were downed by thunderstorm winds along Corbinville, Country Club and Cochran roads. A tree was also downed due to thunderstorm outflow winds at Boaz, Alabama.</p>				

An isolated thunderstorm developed in Marshall County, AL and produced microburst damage between the Albertville and Boaz areas in the county.

DEKALB COUNTY --- CROSSVILLE [34.28, -86.00]

08/08/14 14:20 CST	5K	Thunderstorm Wind (EG 52 kt)
08/08/14 14:20 CST	0	Source: 911 Call Center

A few power lines were downed by thunderstorm winds in downtown Crossville, Alabama.

MARSHALL COUNTY --- DOUGLAS [34.17, -86.33]

08/08/14 15:00 CST	1K	Thunderstorm Wind (EG 43 kt)
08/08/14 15:00 CST	0	Source: 911 Call Center

A tree was downed by thunderstorm winds.

A mid level short wave combined with hot temperatures and moderate instability to produce scattered strong to severe thunderstorms in north Alabama.

MORGAN COUNTY --- 0.6 E FAIRVIEW [34.58, -86.94]

08/10/14 13:35 CST	0	Heavy Rain
08/10/14 16:00 CST	0	Source: Amateur Radio

Rain measured 3.62 inches during this time period. Also of note, rain accumulated 0.98 inches in a ten minute period from 1435-1445 PM LST.

MORGAN COUNTY --- 0.6 W OAKWORTH [34.57, -86.99]

08/10/14 14:55 CST	0	Thunderstorm Wind (EG 52 kt)
08/10/14 14:58 CST	0	Source: Public

A canopy at a gas station on Sandlin Drive was toppled over by thunderstorm winds. Time estimated by radar.

MORGAN COUNTY --- 1.8 NW BASHAM [34.54, -87.04]

08/10/14 15:12 CST	0.50K	Thunderstorm Wind (EG 52 kt)
08/10/14 15:15 CST	0	Source: Emergency Manager

Power lines were knocked down on Chapel Hill Road. Time estimated by radar.

MORGAN COUNTY --- 0.9 NW OAKWORTH [34.58, -86.99], 1.6 E MOULTON HGTS [34.60, -86.99], 1.6 S DECATUR [34.60, -86.98], 1.2 NW FAIRVIEW [34.59, -86.96], 0.5 SSE FAIRVIEW [34.57, -86.95], 1.0 NE CEDAR LAKE [34.56, -86.96], 0.5 SSW OAKWORTH [34.56, -86.98]

08/10/14 15:45 CST	0	Flash Flood (due to Heavy Rain)
08/10/14 18:15 CST	0	Source: Broadcast Media

Flash flooding occurred along many streets and businesses in south central Decatur and streets and a few residences in southeast Decatur. These include Albert Street, the intersection of 2nd Avenue and Beard Street, and the intersection of 1st Street SW and Newman Avenue SW. Up to a foot of water was reported. Flash flooding reached the front doorways of residences near Oak Park Middle School.

A cluster of thunderstorms produced intense rainfall and isolated wind damage in the city of Decatur during the late afternoon hours. An amateur radio automated weather station measured 3.62 inches from these storms in less than 2 hours in southeast Decatur. In fact, most of the rain fell in 30 minutes. One ten-minute period recorded just below an inch of rain (a rate of nearly 6 inches per hour). Flash flooding resulted in downtown Decatur and nearby residences. A brief period of thunderstorm winds knocked power lines down at one location, and tipped over an overhead canopy at a gas station.

FRANKLIN COUNTY --- 4.0 NW RUSSELLVILLE [34.56, -87.78], 4.0 ESE RUSSELLVILLE [34.50, -87.67]

08/17/14 20:19 CST	20K	Thunderstorm Wind (EG 52 kt)
08/17/14 20:26 CST	0	Source: Emergency Manager

Numerous trees and several power lines were downed by thunderstorm winds.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A small cluster of thunderstorms produced wind damage in Franklin County, Alabama. Trees and power lines were knocked down in parts of the county.</p>				
JACKSON COUNTY --- 4.0 NW STEVENSON [34.91, -85.90], 1.9 NNE EUREKA [34.92, -85.88], 1.9 NE EUREKA [34.92, -85.88], 0.9 NE EUREKA [34.91, -85.89]				
	08/18/14 08:15 CST		0	Flash Flood (due to Heavy Rain)
	08/18/14 12:00 CST		0	Source: Law Enforcement
<p>A portion of County Road 171 in the Talley Branch area in Jackson County, Alabama was washed out due to flash flooding. At least a foot of water was flowing across the road.</p>				
MARSHALL COUNTY --- BOAZ [34.20, -86.17]				
	08/18/14 15:20 CST		3K	Thunderstorm Wind (EG 52 kt)
	08/18/14 15:20 CST		0	Source: Broadcast Media
<p>Two 30-foot trees were blown down due to thunderstorm winds.</p>				
<p>Thunderstorms with very heavy rainfall resulted in isolated flash flooding in the morning in Jackson County, Alabama in the morning. During the afternoon, an isolated severe thunderstorm knocked a couple of large trees down in Boaz in Marshall County.</p>				
DEKALB COUNTY --- 1.0 SSW ARONA [34.21, -86.09], 0.1 NNW ARONA [34.22, -86.08]				
	08/30/14 17:20 CST		40K	Thunderstorm Wind (EG 60 kt)
	08/30/14 17:21 CST		0	Source: Emergency Manager
<p>The Mount Zion Church was heavily damaged near the intersection of County roads 2 and 479 in the Aroney, Alabama community due to thunderstorm winds. A barn was also damaged, and another destroyed, in the Aroney community near the intersection of County roads 26 and 479.</p>				
DEKALB COUNTY --- 0.4 WSW BANKHEAD [34.55, -85.58], 1.0 NE BANKHEAD [34.56, -85.56]				
	08/30/14 18:19 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/30/14 18:19 CST		0	Source: Emergency Manager
<p>A few trees were downed by thunderstorm winds along County roads 89 and 106, about a mile west-southwest of Mentone, Alabama.</p>				
<p>A weak mid level trough was the focusing mechanism for the development of isolated strong to severe thunderstorms across DeKalb county in northeast Alabama.</p>				
ALABAMA, Southeast				
HENRY COUNTY --- 0.9 NW WILLS CROSSROADS [31.56, -85.18]				
	08/19/14 12:10 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/19/14 12:10 CST		0	Source: Law Enforcement
<p>Power lines were blown down on County Road 57.</p>				
HOUSTON COUNTY --- 1.9 SE LOVE HILL [31.09, -85.25]				
	08/19/14 13:00 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/19/14 13:00 CST		0	Source: Law Enforcement
<p>A tree was blown down across September Road.</p>				
<p>The typical scattered afternoon convection in summertime resulted in a few severe storms with trees and power lines blown down.</p>				
HOUSTON COUNTY --- 1.4 ESE WEBB [31.25, -85.26]				
	08/24/14 15:00 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/24/14 15:00 CST		0	Source: Law Enforcement
<p>A tree was blown down at the 7000 block of Highway 52 East.</p>				
HOUSTON COUNTY --- 1.3 WSW WEBB [31.25, -85.30]				

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	08/24/14 15:14 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/24/14 15:14 CST		0	Source: Law Enforcement

A tree was blown down at 1900 Jimbo Road.

DALE COUNTY --- OZARK [31.44, -85.64]

	08/24/14 15:18 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/14 15:18 CST		0	Source: 911 Call Center

Trees and power lines were blown down around Ozark.

COFFEE COUNTY --- 0.5 WNW VICTORIA [31.54, -85.92]

	08/24/14 15:31 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/24/14 15:31 CST		0	Source: Law Enforcement

A tree was blown down near the intersection of Highway 167 and Highway 125.

The typical scattered afternoon convection in summertime resulted in a few severe storms with trees and power lines blown down.

ALABAMA, Southwest

CLARKE COUNTY --- GROVE HILL [31.70, -87.78]

	08/08/14 13:00 CST		65K	Lightning
	08/08/14 13:00 CST		0	Source: Emergency Manager

Lightning struck a 911 tower and caused 65 thousand dollars in damage to the tower and phone system.

MOBILE COUNTY --- PRICHARD [30.73, -88.05]

	08/09/14 14:30 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/09/14 14:32 CST		0	Source: Public

Winds estimated at 60 mph downed trees on top of a house and cars.

MOBILE COUNTY --- SARALAND [30.82, -88.07]

	08/09/14 14:30 CST		25K	Thunderstorm Wind (EG 61 kt)
	08/09/14 14:32 CST		0	Source: Public

Winds estimated at 70 mph caused roof damage to several businesses.

Thunderstorms developed across southwest Alabama and caused damage.

COVINGTON COUNTY --- 4.0 SE ANDALUSIA [31.26, -86.43]

	08/18/14 16:30 CST		25K	Thunderstorm Wind (EG 61 kt)
	08/18/14 16:32 CST		0	Source: Emergency Manager

Winds estimated at 70 mph downed 5 large oak trees along with damage to a shed and a roof of a house.

High winds from a thunderstorm caused damage in southwest Alabama.