

Storm Data and Unusual Weather Phenomena - August 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
CLAY COUNTY --- 2.4 SSW FLAT ROCK [33.32, -85.85], 0.7 N BARFIELD [33.36, -85.72]				
	08/06/15 17:25 CST		0	Thunderstorm Wind (EG 50 kt)
	08/06/15 17:30 CST		0	Source: Emergency Manager
Several trees uprooted between Clay County Road 31 and Highway 9.				
RUSSELL COUNTY --- 1.4 SW NUCKOLS [32.31, -85.08], 0.5 NNE NUCKOLS [32.34, -85.07]				
	08/06/15 19:40 CST		0	Tornado (EF0, L: 1.92 mi , W: 250 yd)
	08/06/15 19:44 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in eastern Russell County and have confirmed that the damage was the result of an EF -0 Tornado. The tornado touched down just north of the Avalon Church on Tarver Road near Seale , and tracked northeastward through the Avalon Community , causing sporadic tree damage and damage to outbuildings and unsecured objects. It continued northeastward, crossing Pine Haven Street where sporadic tree damage continued with at least one tree blown down across the road. The tornado continued across the road for a short distance and quickly dissipated. Peak wind estimated at 70 mph.				
RUSSELL COUNTY --- 0.8 ESE FT MITCHELL [32.33, -85.01], 0.8 ESE FT MITCHELL [32.33, -85.01]				
	08/06/15 19:51 CST		0	Thunderstorm Wind (EG 78 kt)
	08/06/15 19:51 CST		0	Source: NWS Storm Survey
An apparent microburst associated with a rear inflow notch on a bowing line segment caused an area of widespread and significant tree damage along and just east of 101st Airborne Division Road just east of Alabama Highway 165. A single tree fell across Highway 165 about 300 yards south of the intersection with 101st Airborne Division Road , which caused an accident when a motorist ran into it. However, the main impact of the microburst was along and east of 101st Airborne Division Road approximately three-quarters of a mile north of Dixie Road. A densely forested area of hardwood trees approximately 150 yards wide by 100 yards deep were either snapped or uprooted by winds of up to 90 mph. The tree damage pattern slightly fanned out pointing to the northeast. The damage area did not appear to make it all the way to the Chattahoochee River.				
PIKE COUNTY --- 2.1 SE TROY [31.78, -85.94], 2.5 SE TROY [31.78, -85.94]				
	08/06/15 21:35 CST		0	Tornado (EF1, L: 0.39 mi , W: 50 yd)
	08/06/15 21:36 CST	7	0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed the damage in Troy and have confirmed that the damage was the result of an EF -1 Tornado. The tornado touched down just south of the Pike Liberal Arts School behind the Troy Walmart . Damage to the Walmart extended from the rear of the building to the front, with a portion of the roof collapsed. The damage was confined to a very narrow path, with other HVAC systems a few yards either side of the main damage area largely intact. Significant damage was caused to the entrances of the store as well. As the tornado crossed the parking lot, it pushed an empty tractor-trailer approximately 100 yards into a second tractor trailer, damaging both. A third tractor trailer was overturned, causing major damage. The tornado then clipped the south end of a strip mall, collapsing the front glass walls and a portion of a masonry wall on the side of Hibbett Sporting Goods. Minor damage was caused to the canopy of the Murphy USA gas station across the parking lot . The tornado crossed U.S. Highway 231 and weakened rapidly, with only minor damage caused to a convenience store across the highway before dissipating. Peak wind estimated at 100 mph.				
A short wave trough moved across north Alabama triggered numerous showers and thunderstorms along the I-20 corridor. As the thunderstorm activity pushed southward during the late afternoon and evening hours, it encountered a more unstable air mass and some of the storms become severe with a few tornadoes.				
SUMTER COUNTY --- 2.4 SSE MC CAINVILLE [32.62, -88.20]				
	08/07/15 11:49 CST		0	Thunderstorm Wind (EG 50 kt)
	08/07/15 11:49 CST		0	Source: Emergency Manager
A few trees were uprooted along Highway 28 northwest of the city of Livingston.				
SUMTER COUNTY --- 0.7 NNW COATOPA [32.49, -88.07]				
	08/07/15 12:10 CST		0	Thunderstorm Wind (EG 50 kt)
	08/07/15 12:10 CST		0	Source: Emergency Manager
A few trees were uprooted along Highway 28 in the town of Coatopa.				
DALLAS COUNTY --- 2.1 N SELMA [32.43, -87.02]				
	08/08/15 22:10 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/15 22:10 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Ten to twenty trees uprooted in the city of Selma.				
A weak surface cool was located just south of Interstate 20. Isolated severe storms developed during the heating of the day and produce wind damage each day.				
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CALHOUN COUNTY --- 1.7 E ANNISTON [33.65, -85.80]				
	08/10/15 17:15 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 17:23 CST	0		Source: Emergency Manager
Numerous trees uprooted and power lines downed in the city of Anniston.				
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CALHOUN COUNTY --- CHOCCOLOCCO [33.67, -85.70]				
	08/10/15 17:16 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 17:16 CST	0		Source: Emergency Manager
Pines lines downed near the Pinehill Golf Club.				
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SUMTER COUNTY --- 6.3 SSE SILOAM [32.35, -88.22]				
	08/10/15 17:30 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 17:30 CST	0		Source: Fire Department/Rescue
Several trees uprooted along County Road 10.				
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JEFFERSON COUNTY --- 2.8 NNW SAYRE [33.76, -86.99]				
	08/10/15 19:04 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 19:05 CST	0		Source: Trained Spotter
Several trees uprooted along Bagley Road.				
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JEFFERSON COUNTY --- 0.9 SW PORT BIRMINGHAM [33.56, -87.13]				
	08/10/15 19:12 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 19:12 CST	0		Source: Trained Spotter
Several trees uprooted along Alliance Road.				
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JEFFERSON COUNTY --- 0.9 NE SPAULDING [33.39, -86.96]				
	08/10/15 19:30 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 19:40 CST	0		Source: Trained Spotter
Several trees uprooted in and around the city of Bessemer.				
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SHELBY COUNTY --- DARGIN [33.15, -86.77]				
	08/10/15 20:12 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 20:12 CST	0		Source: Emergency Manager
Several trees uprooted and power lines downed in the Southern Hills Subdivision off Highway 22.				
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TUSCALOOSA COUNTY --- 1.0 ENE SAMANTHA [33.43, -87.60]				
	08/10/15 20:15 CST	0		Thunderstorm Wind (EG 50 kt)
	08/10/15 20:15 CST	0		Source: Emergency Manager
Several trees uprooted near the intersection of Appling Drive and County Road 43.				
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An upper high centered over Texas produced northwest flow aloft over Alabama. A short wave trough moving down the eastern side of the upper high produced a cluster of strong to severe thunderstorms over north central Alabama.				
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ALABAMA, North				
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COLBERT COUNTY --- 0.5 N TUSCUMBIA [34.74, -87.70], 0.5 N TUSCUMBIA [34.74, -87.70], 0.5 N TUSCUMBIA [34.74, -87.70], 0.5 N TUSCUMBIA [34.74, -87.70]				

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	08/06/15 11:03 CST		0	Flash Flood (due to Heavy Rain)
	08/06/15 12:30 CST		0	Source: Emergency Manager
At least six inches of water was over the road along North Cove street near Deshler high school in Tuscumbia, Alabama.				
A nearly stationary frontal boundary across the Tennessee valley region was the focusing mechanism for slow moving thunderstorms that produced isolated flash flooding in northwest Alabama.				
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MORGAN COUNTY --- 1.8 ESE TALUCAH [34.54, -86.65]				
	08/10/15 11:15 CST		2K	Thunderstorm Wind (EG 43 kt)
	08/10/15 11:15 CST		0	Source: Emergency Manager
A tree was downed onto a power line by strong thunderstorm winds.				
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MADISON COUNTY --- 1.2 W UNION GROVE [34.93, -86.50]				
	08/10/15 11:24 CST		10K	Lightning
	08/10/15 11:24 CST		0	Source: 911 Call Center
Lightning struck a home on Widow Hornbuckle road, producing a fire that resulted in moderate damage.				
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MADISON COUNTY --- 0.7 W OAKWOOD COLLEGE [34.75, -86.64]				
	08/10/15 11:25 CST		10K	Lightning
	08/10/15 11:25 CST		0	Source: 911 Call Center
Lightning struck a home on Wilshire Cove road, resulting in a fire that moderately damaged the residence.				
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MADISON COUNTY --- 0.4 N OAKWOOD COLLEGE [34.76, -86.63], 1.0 W HUNTSVILLE MILLS ARP [34.75, -86.57]				
	08/10/15 11:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/10/15 11:34 CST		0	Source: Emergency Manager
A light pole was blown down on Shamrock Drive and a tree was downed by thunderstorm winds onto a house on Windover drive from a few miles northwest to just southeast of Huntsville, Alabama.				
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MARSHALL COUNTY --- 2.3 SE GUNTERSVILLE MUNI AR [34.37, -86.24]				
	08/10/15 12:00 CST	2	0	Thunderstorm Wind (EG 30 kt)
	08/10/15 12:00 CST	2	0	Source: Newspaper
A strong thunderstorm moved through the Short creek area of Lake Guntersville , Alabama, capsizing a canoe, resulting in two drownings. Time was estimated by news article.				
Direct Fatalities: M36??, M16??				
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MORGAN COUNTY --- 0.9 NW FALKVILLE [34.38, -86.91], 0.6 NE FALKVILLE [34.38, -86.89]				
	08/10/15 14:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/10/15 14:35 CST		0	Source: Emergency Manager
Thunderstorm winds produced roof damage to an RV with a couple of two -by-fours protruding through the roof into the RV . The rear part of a nearby barn roof was blown off with a partial collapse of the roof on the front portion of the barn , occurring along Highway 31 near Falkville, Alabama. There was also a tree downed and some tin pulled off a shed roof near Falkville , Alabama in the vicinity of Mile marker 322 on Interstate 65.				
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MARSHALL COUNTY --- 5.0 SW GUNTERSVILLE [34.28, -86.31], 4.0 SSW GUNTERSVILLE [34.28, -86.28]				
	08/10/15 15:15 CST		0	Thunderstorm Wind (EG 52 kt)
	08/10/15 15:15 CST		0	Source: Emergency Manager
A few trees, large limbs and power lines were downed by thunderstorm winds.				
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CULLMAN COUNTY --- 5.0 ESE BREMEN [33.95, -86.89]				
	08/10/15 16:55 CST		2K	Thunderstorm Wind (EG 43 kt)
	08/10/15 16:55 CST		0	Source: Emergency Manager
A tree was downed by thunderstorm winds.				
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CULLMAN COUNTY --- 1.0 NNW CULLMAN [34.19, -86.84]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/10/15 17:15 CST		5K	Thunderstorm Wind (EG 43 kt)
	08/10/15 17:15 CST		0	Source: Emergency Manager

A couple of trees were downed by thunderstorm winds.

A broken line of strong to severe thunderstorms developed during the midday hours over north central Alabama. The line filled in as it moved east across the remainder of northeast Alabama. Trees were knocked down in a couple locations in Madison County. Lightning also struck at least two homes.

(AL-Z006) MADISON

08/10/15 12:00 CST	0	Heat
08/10/15 15:00 CST	0	

Heat index values peaked at 105 to 109 degrees in a portion of north central Alabama. By 2 pm, the heat index reached 107 degrees at the Huntsville International Airport.

LAUDERDALE COUNTY --- 5.0 WNW ROGERSVILLE [34.86, -87.36]

08/22/15 14:25 CST	0	Thunderstorm Wind (EG 52 kt)
08/22/15 14:25 CST	0	Source: Broadcast Media

An outdoor shed and several trees were downed by thunderstorm winds.

LAUDERDALE COUNTY --- 1.0 W ROGERSVILLE [34.83, -87.30], 0.8 W ROGERSVILLE [34.83, -87.29]

08/22/15 14:48 CST	0	Thunderstorm Wind (EG 52 kt)
08/22/15 14:49 CST	0	Source: Emergency Manager

A few trees and power lines were downed and a tree was downed onto a car just north of Highway 72 in Rogersville, Alabama.

LAUDERDALE COUNTY --- ROGERSVILLE [34.83, -87.28]

08/22/15 16:14 CST	0	Thunderstorm Wind (EG 52 kt)
08/22/15 16:15 CST	0	Source: Broadcast Media

A few trees and power lines were downed by thunderstorm winds at Lee street in Rogersville, Alabama.

A weak mid level trough moved across northwest Alabama, with a couple of strong to severe storms occurring in the afternoon.

ALABAMA, Southeast

DALE COUNTY --- 1.0 E WARD BRIDGE [31.50, -85.47]

08/07/15 13:33 CST	0	Thunderstorm Wind (EG 50 kt)
08/07/15 13:33 CST	0	Source: 911 Call Center

A tree was blown down at County Road 67 and County Road 339.

DALE COUNTY --- 1.5 WNW ECHO [31.48, -85.47]

08/07/15 13:33 CST	0	Thunderstorm Wind (EG 50 kt)
08/07/15 13:33 CST	0	Source: 911 Call Center

Trees were blown down on East County Road 36.

COFFEE COUNTY --- 1.8 ENE BLUFF SPRINGS [31.58, -86.03]

08/07/15 13:40 CST	0	Thunderstorm Wind (EG 50 kt)
08/07/15 13:40 CST	0	Source: 911 Call Center

A tree was blown down along County Road 315.

COFFEE COUNTY --- 1.3 SSW ASBURY [31.23, -85.98], 1.7 ENE MARVIN CHAPEL [31.21, -85.95]

08/07/15 15:20 CST	0	Thunderstorm Wind (EG 50 kt)
08/07/15 15:23 CST	0	Source: 911 Call Center

Trees were blown down near County Roads 625 and 655.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GENEVA COUNTY --- SAMSON [31.11, -86.04]				
	08/07/15 15:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/07/15 15:30 CST		0	Source: 911 Call Center

A power line was blown down in Samson.

Scattered afternoon thunderstorms developed in an environment favorable for severe wet microbursts with high Wet Microburst Severity Index values.

COFFEE COUNTY --- 3.0 NNW ENTERPRISE [31.36, -85.86]				
	08/21/15 16:39 CST		0	Hail (0.88 in)
	08/21/15 16:39 CST		0	Source: Public

Dime to nickel size hail was reported between New Brockton and Enterprise with large tree limbs also blown down.

DALE COUNTY --- 1.3 NNE MIDLAND CITY [31.33, -85.48]				
	08/21/15 17:40 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/21/15 17:40 CST		0	Source: 911 Call Center

Power lines were blown down along Highway 134. This was confirmed with a picture from a spotter.

HOUSTON COUNTY --- 1.6 ENE KELLY SPRINGS [31.28, -85.43]				
	08/21/15 17:48 CST		0	Hail (1.00 in)
	08/21/15 17:48 CST		0	Source: Public

Hail was estimated a quarter size near the Dale-Houston county border just into Houston county.

Scattered afternoon thunderstorms developed in an environment favorable for severe wet microbursts with high Wet Microburst Severity Index values.

HENRY COUNTY --- ABBEVILLE [31.56, -85.25]				
	08/28/15 12:45 CST		0	Hail (1.00 in)
	08/28/15 12:45 CST		0	Source: Law Enforcement

Hail was estimated at quarter size in the Abbeville area.

HENRY COUNTY --- ABBEVILLE [31.56, -85.25]				
	08/28/15 12:45 CST		4K	Thunderstorm Wind (EG 50 kt)
	08/28/15 12:45 CST		0	Source: 911 Call Center

Multipled trees and power lines were blown down near Abbeville.

Scattered afternoon thunderstorms developed in an environment favorable for severe wet microbursts with high Wet Microburst Severity Index values.

ALABAMA, Southwest

COVINGTON COUNTY --- 1.4 NE GREEN BAY [31.21, -86.28]				
	08/07/15 15:06 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/07/15 15:07 CST		0	Source: 911 Call Center

A severe thunderstorm wind gust near 60 mph downed trees and power lines on Highway 331 near Onycha.

An upper level disturbance embedded in northwest flow helped to produced scattered afternoon thunderstorms. One of the storms became briefly severe.

WASHINGTON COUNTY --- FRANKVILLE [31.65, -88.15]				
	08/08/15 15:25 CST		0.20M	Thunderstorm Wind (EG 70 kt)
	08/08/15 15:27 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Severe thunderstorm wind gusts estimated between 70-80 mph resulted in damage to 6 homes in the community of Frankville. Most of the damage was minor roof and window damage. An attached porch to one of the homes was destroyed and the roof damage to the home was more considerable. Numerous power lines and large trees were downed.				

WASHINGTON COUNTY --- MC INTOSH [31.27, -88.03]

08/08/15 16:07 CST	10K	Thunderstorm Wind (EG 61 kt)
08/08/15 16:09 CST	0	Source: Emergency Manager

Winds estimated at 70 mph downed trees and power lines on Highway 43.

MOBILE COUNTY --- CITRONELLE [31.08, -88.23]

08/08/15 16:30 CST	5K	Thunderstorm Wind (EG 52 kt)
08/08/15 16:32 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees and power lines.

MOBILE COUNTY --- 3.0 W CHUNCHULA [30.92, -88.25]

08/08/15 16:45 CST	5K	Thunderstorm Wind (EG 52 kt)
08/08/15 16:46 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees and power lines.

MOBILE COUNTY --- 4.0 SW SARALAND [30.78, -88.12]

08/08/15 16:50 CST	5K	Thunderstorm Wind (EG 52 kt)
08/08/15 16:52 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees and power lines.

MOBILE COUNTY --- (BFM)MOBILE BROOKLEY [30.62, -88.05]

08/08/15 17:29 CST	0	Thunderstorm Wind (MG 50 kt)
08/08/15 17:29 CST	0	Source: ASOS

Observation at Brookley Field (KBFM) recorded a severe thunderstorm wind gust of 58 mph.

Strong thunderstorms developed during the afternoon and produced high winds which caused damage across southwest Alabama.

BALDWIN COUNTY --- 0.8 WNW SPANISH FT [30.68, -87.91]

08/09/15 17:10 CST	30K	Thunderstorm Wind (EG 52 kt)
08/09/15 17:10 CST	1	Source: Broadcast Media

Severe thunderstorm wind gusts estimated at 60 mph resulted in downed trees and power lines in the Spanish Fort Estates neighborhood, mainly near the intersection of Yankee Trove Street and Artillery Range Street. The fallen trees and limbs resulted in roof damage to a couple of homes. One large tree fell on a vehicle, completely destroying it. One man was injured when a large tree fell onto a shed he was in.

An isolated severe thunderstorm developed over Baldwin County, AL as a result of merging outflow boundaries.

BUTLER COUNTY --- 2.1 NW CHAPMAN [31.69, -86.75]

08/11/15 17:23 CST	2K	Thunderstorm Wind (EG 52 kt)
08/11/15 17:23 CST	0	Source: Public

A severe thunderstorm wind gust blew a large tree down onto the southbound lane of Interstate 65 at mile marker 117.

An isolated pulse severe thunderstorm resulted in some minor damage in Butler County.