

Storm Data and Unusual Weather Phenomena - May 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
LEE COUNTY --- 1.4 ENE OSANIPPA [32.74, -85.13]				
	05/14/15 18:04 CST	0		Thunderstorm Wind (EG 50 kt)
	05/14/15 18:05 CST	0		Source: 911 Call Center
Several trees uprooted near the community of Blanton.				
A warm front stretched from extreme south Georgia and northwest into south Alabama. A cluster of thunderstorms developed along the warm front and pushed rapidly northward, producing isolated severe storms.				
GREENE COUNTY --- 1.4 ESE RIDGE [33.01, -88.08]				
	05/20/15 13:18 CST	0		Thunderstorm Wind (EG 50 kt)
	05/20/15 13:18 CST	0		Source: Emergency Manager
Several trees uprooted and power lines downed near the intersection of County Road 14 and County Road 60.				
GREENE COUNTY --- 4.9 S EUTAW MUNI ARPT [32.75, -87.88]				
	05/20/15 14:08 CST	0		Hail (1.25 in)
	05/20/15 14:09 CST	0		Source: Fire Department/Rescue
Hail up to the size of half dollars fell in the town of Walden Quarters.				
GREENE COUNTY --- 4.9 S FORKLAND [32.58, -87.87]				
	05/20/15 14:10 CST	0		Thunderstorm Wind (EG 50 kt)
	05/20/15 14:11 CST	0		Source: Emergency Manager
Several trees uprooted and power lines downed along County Road 11.				
A quasi-stationary front split Alabama in half. A short wave trough moving eastward across the Ohio Valley States region produced a line of convection as far south as Mobile, Alabama. This line of thunderstorms produced a few reports of large hail and damaging winds across portions of west central Alabama.				
PICKENS COUNTY --- REFORM [33.38, -88.02]				
	05/24/15 14:42 CST	0		Thunderstorm Wind (EG 50 kt)
	05/24/15 14:44 CST	0		Source: Emergency Manager
Several trees were uprooted in the town of Reform.				
LAMAR COUNTY --- 0.7 S MILLPORT [33.56, -88.08]				
	05/24/15 14:52 CST	0		Thunderstorm Wind (EG 50 kt)
	05/24/15 14:54 CST	0		Source: Emergency Manager
Several trees were uprooted in the town of Millport.				
LAMAR COUNTY --- 0.9 NE VERNON [33.76, -88.11]				
	05/24/15 15:07 CST	0		Thunderstorm Wind (EG 50 kt)
	05/24/15 15:08 CST	0		Source: Emergency Manager
A business in downtown Vernon sustained sustained substantial roof damage. Several Power lines were knocked down as well.				
CHILTON COUNTY --- 0.7 N MAPLESVILLE [32.79, -86.88]				
	05/24/15 15:53 CST	0		Thunderstorm Wind (EG 50 kt)
	05/24/15 15:55 CST	0		Source: Fire Department/Rescue
Several trees were uprooted and power lines downed near the intersection of Highway 22 and County Road 10.				
COOSA COUNTY --- 1.5 SSW SALTER [32.83, -86.31]				
	05/24/15 17:48 CST	0		Thunderstorm Wind (EG 50 kt)
	05/24/15 17:50 CST	0		Source: Law Enforcement
Several trees were uprooted along County Road 37.				

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A band of thunderstorms formed during the early afternoon along a warm front that was positioned across southwest Alabama. The band of thunderstorms tracked rapidly northward during the afternoon and early evening, producing a few severe thunderstorms.				

CHILTON COUNTY --- 0.7 N JEMISON [32.96, -86.75]

05/27/15 16:40 CST	0	Thunderstorm Wind (EG 50 kt)
05/27/15 16:40 CST	0	Source: Fire Department/Rescue

Several trees uprooted and power lines downed near Jemison High School.

A Meso-scale Convective Vortex over Mississippi tracked eastward and triggered a cluster of thunderstorms that spread over central Alabama during the afternoon.

RUSSELL COUNTY --- 3.5 S CRAWFORD [32.40, -85.18]

05/31/15 15:48 CST	0	Thunderstorm Wind (EG 50 kt)
05/31/15 15:49 CST	0	Source: Emergency Manager

Several trees uprooted near the intersection of Padgetts Road and Highway 169.

SHELBY COUNTY --- 0.6 W SCOTROCK [33.25, -86.83]

05/31/15 20:10 CST	0	Thunderstorm Wind (EG 50 kt)
05/31/15 20:11 CST	0	Source: Emergency Manager

Several trees uprooted in the city of Alabaster near 12th Street Northwest.

SHELBY COUNTY --- 1.0 S HELENA [33.29, -86.85]

05/31/15 20:10 CST	0	Thunderstorm Wind (EG 50 kt)
05/31/15 20:11 CST	0	Source: Emergency Manager

Several trees uprooted along Highway 17.

SHELBY COUNTY --- 3.1 NNE SHELBY SPGS [33.17, -86.68]

05/31/15 20:15 CST	0	Thunderstorm Wind (EG 50 kt)
05/31/15 20:16 CST	0	Source: Emergency Manager

Several trees uprooted along Highway 70.

A short wave trough near the Mississippi River shifted eastward towards Alabama and produced a line of thunderstorms that entered west Alabama by late in the afternoon. The line of thunderstorms produced localized wind damage as it approached Interstate 65. Isolated severe thunderstorms also develop during the afternoon over the southeast portions of central Alabama.

ALABAMA, North

MADISON COUNTY --- TONEY [34.90, -86.75]

05/07/15 14:45 CST	0	Dust Devil
05/07/15 14:47 CST	0	Source: Broadcast Media

Local media reported that a strong dust devil developed near Toney, Alabama, and produced some moderate damage to a small barn. Some of the two by fours that were ten feet long from the small barn were blown over 50 feet and the tin roof from the barn was blown over 300 feet into the air.

A strong dust devil produced some minor damage in Madison County, Alabama.

LAUDERDALE COUNTY --- KILLEN [34.87, -87.53]

05/20/15 19:44 CST	0	Thunderstorm Wind (EG 52 kt)
05/20/15 19:44 CST	0	Source: Law Enforcement

Two trees and power lines were downed due to thunderstorm winds. A few shingles were also blown off of the roof top of a residence and at an apartment complex in Killen and just west of Rogersville, Alabama.

Thunderstorms produced isolated damaging winds during the evening in Lauderdale County, Alabama.

LAWRENCE COUNTY --- 1.1 NNE MASTERSON MILL [34.54, -87.27]

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	05/27/15 15:25 CST		0	Hail (1.75 in)
	05/27/15 15:27 CST		0	Source: Emergency Manager

Golf ball sized hail was reported.

MORGAN COUNTY --- 4.0 SSW DECATUR [34.57, -87.01]

	05/27/15 16:40 CST		0	Hail (0.88 in)
	05/27/15 16:40 CST		0	Source: Trained Spotter

Nickel sized hail was reported.

FRANKLIN COUNTY --- 1.0 ENE REEDTOWN [34.50, -87.73], 1.4 SE RUSSELLVILLE [34.50, -87.72], 0.9 ESE RUSSELLVILLE [34.51, -87.72], 0.4 SSE RUSSELLVILLE [34.51, -87.73]

	05/27/15 17:45 CST		0	Flash Flood (due to Heavy Rain)
	05/27/15 20:00 CST		0	Source: Emergency Manager

Flash flooding occurred near U.S. Highway 43 and Underwood road. High water between a foot and two feet entered the Dollar General store along U.S. Highway 43. There were several cars flooded along U.S. Highway 43, with Hal Kirby park flooded in the Russellville, Alabama area.

MORGAN COUNTY --- 3.0 ESE SOMERVILLE [34.45, -86.75]

	05/27/15 17:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/27/15 17:46 CST		0	Source: Emergency Manager

A large tree and a few power lines were downed by thunderstorm winds.

MORGAN COUNTY --- 5.0 NNW MORGAN CITY [34.54, -86.60]

	05/27/15 17:50 CST		0	Thunderstorm Wind (EG 52 kt)
	05/27/15 17:50 CST		0	Source: Emergency Manager

A large tree and a few power lines were downed by thunderstorm winds.

COLBERT COUNTY --- 5.7 SW LITTLEVILLE [34.51, -87.73], 5.4 SSW LITTLEVILLE [34.51, -87.72], 5.9 SSW LITTLEVILLE [34.50, -87.72], 6.3 SW LITTLEVILLE [34.50, -87.73]

	05/27/15 18:00 CST		25K	Flash Flood (due to Heavy Rain)
	05/27/15 20:00 CST		0	Source: Emergency Manager

Flash flooding occurred with at least twelve inches of water flowing over Liggins Spring road, resulting in a Bridge and the road slightly damaged.

Thunderstorms produced isolated large hail and damaging winds during the afternoon and early evening hours. Very heavy rainfall resulted in flash flooding in the city of Russellville in Franklin County.

MORGAN COUNTY --- 1.1 SSW DECATUR [34.60, -86.99], 1.2 S DECATUR [34.60, -86.98], 1.3 SSW DECATUR [34.60, -86.99], 1.3 SSW DECATUR [34.60, -86.99]

	05/28/15 16:30 CST		0	Flash Flood (due to Heavy Rain)
	05/28/15 18:00 CST		0	Source: Emergency Manager

Flash flooding was occurring with at least twelve inches of water over the road in Decatur, Alabama.

Very heavy rainfall of 1-2 inches in an hour produced isolated brief flash flooding in Decatur.

ALABAMA, Southeast

COFFEE COUNTY --- 1.8 W ENTERPRISE [31.32, -85.87]

	05/17/15 14:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/17/15 14:45 CST		0	Source: 911 Call Center

A tree was blown down onto power lines on Meredith Street.

Scattered convection developed across the tri-state area with isolated strong to severe weather.

HOUSTON COUNTY --- COTTONWOOD [31.05, -85.30]

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	05/26/15 11:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/26/15 11:20 CST		0	Source: Emergency Manager

A tree was blown down in Cottonwood with no damage reported.

HENRY COUNTY --- 1.8 SSW GRANDBERRY CROSSROADS [31.32, -85.23]

	05/27/15 15:49 CST		0	Thunderstorm Wind (EG 50 kt)
	05/27/15 15:49 CST		0	Source: 911 Call Center

A tree was blown down at the corner of county roads 2 and 55.

HOUSTON COUNTY --- 1.5 NNE ENON [31.23, -85.26]

	05/27/15 15:49 CST		1K	Thunderstorm Wind (EG 50 kt)
	05/27/15 15:49 CST		0	Source: Law Enforcement

A tree was blown down at the intersection of Johnnie Ingram and Ben Ivey Roads.

Scattered convection developed across the tri-state area with isolated strong to severe weather.

ALABAMA, Southwest

MOBILE COUNTY --- 0.7 NNE MERTZ [30.68, -88.08], 0.8 NNE MERTZ [30.68, -88.07], 0.7 NNE MERTZ [30.68, -88.07], 0.7 NNE MERTZ [30.68, -88.08]

	05/15/15 21:57 CST		1K	Flash Flood (due to Heavy Rain)
	05/15/15 22:57 CST		0	Source: Social Media

Heavy rain resulted in flooding near the intersection of Government St and McDonald Ave.

An upper level disturbance embedded in the southwest upper level flow resulted in the development of a large cluster of showers and thunderstorms that impacted coastal Alabama during the late evening of May 15th into the early morning of May 16th. The system produced locally heavy rain and an isolated instance of flash flooding.

CLARKE COUNTY --- 0.9 SW JACKSON [31.51, -87.89]

	05/20/15 16:00 CST		0	Hail (0.88 in)
	05/20/15 16:01 CST		0	Source: Emergency Manager

Nickel size hail was reported in Jackson, AL.

ESCAMBIA COUNTY --- 1.7 NNW APPLETON [31.14, -87.08]

	05/20/15 17:52 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/20/15 17:53 CST		0	Source: Broadcast Media

Severe thunderstorm winds blew down a tree onto Appleton Rd, just north of Brewton.

ESCAMBIA COUNTY --- 0.7 S APPLETON [31.11, -87.07]

	05/20/15 17:55 CST		0	Hail (1.00 in)
	05/20/15 17:56 CST		0	Source: Broadcast Media

Quarter size hail was reported in East Brewton.

The combination of abundant moisture, an unstable airmass, and an upper level disturbance approaching from the west, resulted in the development of scattered to numerous thunderstorms over southwest. A few of the storms became severe.