

Storm Data and Unusual Weather Phenomena - March 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
(AL-Z011) MARION, (AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER				
	03/05/15 04:30 CST	0		Sleet
	03/05/15 12:30 CST	0		
(AL-Z017) BLOUNT, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON				
	03/05/15 08:00 CST	0		Winter Weather
	03/05/15 14:30 CST	0		
<p>On Thursday, March 5, 2015, the northern half of Central Alabama observed a mixture of wintry precipitation mainly in the form of sleet. The precipitation began as light freezing rain, but quickly changed over to sleet in most locations. The highest accumulations of sleet occurred across the northwest counties of Central Alabama, where Marion and Winston counties received up to 1 inch. Farther south along the I-20 corridor, light accumulations of one-tenth of an inch or less were observed, but that was just enough to make for some hazardous travel conditions on bridges and overpasses.</p>				
MARION COUNTY --- 0.9 SE ROCK CITY [33.97, -87.71]				
	03/31/15 13:32 CST	0		Hail (1.00 in)
	03/31/15 13:33 CST	0		Source: Public
BLOUNT COUNTY --- 1.8 NE SNEAD [34.12, -86.35]				
	03/31/15 14:00 CST	0		Hail (1.00 in)
	03/31/15 14:02 CST	0		Source: Emergency Manager
LAMAR COUNTY --- 4.2 S BEAVERTON [33.87, -88.02]				
	03/31/15 14:00 CST	0		Hail (1.25 in)
	03/31/15 14:02 CST	0		Source: Trained Spotter
ETOWAH COUNTY --- 2.7 ENE WALNUT GROVE [34.09, -86.26]				
	03/31/15 14:08 CST	0		Hail (1.00 in)
	03/31/15 14:09 CST	0		Source: Public
WALKER COUNTY --- 3.5 N ELDRIDGE [33.97, -87.61]				
	03/31/15 14:40 CST	0		Hail (1.00 in)
	03/31/15 14:41 CST	0		Source: Emergency Manager
WALKER COUNTY --- ELDRIDGE [33.92, -87.62]				
	03/31/15 14:42 CST	0		Hail (1.00 in)
	03/31/15 14:43 CST	0		Source: Public
WALKER COUNTY --- 3.0 WSW NAUVOO [33.99, -87.53]				
	03/31/15 14:50 CST	0		Hail (1.75 in)
	03/31/15 14:52 CST	0		Source: Emergency Manager
BLOUNT COUNTY --- 1.5 SSE CLARENCE [34.06, -86.42]				
	03/31/15 15:08 CST	0		Hail (1.00 in)
	03/31/15 15:10 CST	0		Source: Public
TALLADEGA COUNTY --- 5.6 WSW TALLADEGA MUNI ARPT [33.54, -86.14]				
	03/31/15 15:08 CST	0		Hail (1.25 in)
	03/31/15 15:09 CST	0		Source: Public
ETOWAH COUNTY --- 1.4 N WILLIAMS [33.92, -86.10]				
	03/31/15 15:14 CST	0		Hail (1.75 in)
	03/31/15 15:15 CST	0		Source: Public
TALLADEGA COUNTY --- 0.5 SSW LINCOLN [33.61, -86.12]				

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	03/31/15 15:14 CST		0	Hail (1.00 in)
	03/31/15 15:15 CST		0	Source: Public
<hr/>				
ST. CLAIR COUNTY --- 4.2 NNW HENRY LAKE [33.87, -86.11]				
	03/31/15 15:18 CST		0	Hail (2.00 in)
	03/31/15 15:20 CST		0	Source: Public
<hr/>				
WINSTON COUNTY --- 0.6 W NATHAN [34.08, -87.21]				
	03/31/15 15:22 CST		0	Hail (1.00 in)
	03/31/15 15:23 CST		0	Source: Public
<hr/>				
CALHOUN COUNTY --- 0.9 SE JACKSONVILLE [33.81, -85.76]				
	03/31/15 15:23 CST		0	Hail (1.00 in)
	03/31/15 15:25 CST		0	Source: Public
<hr/>				
ETOWAH COUNTY --- 2.1 SSE RAINBOW CITY [33.92, -86.02]				
	03/31/15 15:23 CST		0	Hail (1.00 in)
	03/31/15 15:25 CST		0	Source: Public
<hr/>				
CALHOUN COUNTY --- 0.7 N COLDWATER [33.59, -85.92]				
	03/31/15 15:35 CST		0	Hail (1.00 in)
	03/31/15 15:37 CST		0	Source: Public
<hr/>				
CALHOUN COUNTY --- 0.6 E DUKE [33.83, -85.89]				
	03/31/15 15:37 CST		0	Hail (1.00 in)
	03/31/15 15:39 CST		0	Source: Public
<hr/>				
CALHOUN COUNTY --- ALEXANDRIA [33.77, -85.88]				
	03/31/15 15:38 CST		0	Hail (1.75 in)
	03/31/15 15:40 CST		0	Source: Emergency Manager
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CALHOUN COUNTY --- 1.8 NE (ANB)ANNISTON CALHOU [33.60, -85.83]				
	03/31/15 15:41 CST		0	Hail (1.00 in)
	03/31/15 15:43 CST		0	Source: Public
<hr/>				
PICKENS COUNTY --- 5.6 NNE STAFFORD [33.52, -88.20]				
	03/31/15 15:41 CST		0	Hail (1.25 in)
	03/31/15 15:43 CST		0	Source: Emergency Manager
<hr/>				
CALHOUN COUNTY --- 0.9 NE WEAVER [33.76, -85.81]				
	03/31/15 15:44 CST		0	Hail (1.75 in)
	03/31/15 15:46 CST		0	Source: Emergency Manager
<hr/>				
CLAY COUNTY --- 0.6 E ASHLAND [33.27, -85.84]				
	03/31/15 15:50 CST		0	Hail (1.75 in)
	03/31/15 15:52 CST		0	Source: Emergency Manager
<hr/>				
LAMAR COUNTY --- 0.7 S MILLPORT [33.56, -88.08]				
	03/31/15 15:54 CST		0	Hail (1.00 in)
	03/31/15 15:56 CST		0	Source: Public
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ETOWAH COUNTY --- 2.1 N MARKTON [33.91, -86.02]				
	03/31/15 15:55 CST		0	Hail (2.00 in)
	03/31/15 15:57 CST		0	Source: Public
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ETOWAH COUNTY --- 0.6 W ATTALLA [34.02, -86.09]				

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	03/31/15 15:58 CST		0	Hail (1.75 in)
	03/31/15 16:00 CST		0	Source: Public
<hr/>				
FAYETTE COUNTY --- 5.0 NW NEWTONVILLE [33.59, -87.85]				
	03/31/15 16:03 CST		0	Hail (1.00 in)
	03/31/15 16:05 CST		0	Source: Trained Spotter
<hr/>				
PICKENS COUNTY --- REFORM NO PICKENS AR [33.38, -88.00]				
	03/31/15 16:18 CST		0	Hail (1.00 in)
	03/31/15 16:20 CST		0	Source: Public
<hr/>				
RANDOLPH COUNTY --- 1.2 W MALONE [33.20, -85.57]				
	03/31/15 16:18 CST		0	Hail (1.00 in)
	03/31/15 16:20 CST		0	Source: Emergency Manager
<hr/>				
BLOUNT COUNTY --- 1.4 S HIGHMOUND [34.13, -86.38]				
	03/31/15 16:28 CST		0	Hail (1.00 in)
	03/31/15 16:30 CST		0	Source: Public
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PICKENS COUNTY --- GORDO [33.32, -87.90]				
	03/31/15 16:40 CST		0	Hail (1.00 in)
	03/31/15 16:42 CST		0	Source: Public
<hr/>				
RANDOLPH COUNTY --- 1.4 ENE ROANOKE [33.16, -85.33]				
	03/31/15 16:40 CST		0	Hail (1.00 in)
	03/31/15 16:42 CST		0	Source: Public
<hr/>				
TUSCALOOSA COUNTY --- 2.7 SE SHIRLEY [33.30, -87.70]				
	03/31/15 16:59 CST		0	Hail (1.00 in)
	03/31/15 17:00 CST		0	Source: Emergency Manager
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TUSCALOOSA COUNTY --- 0.7 N ROSEDALE [33.21, -87.57]				
	03/31/15 17:03 CST		0	Hail (1.75 in)
	03/31/15 17:05 CST		0	Source: Trained Spotter
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TUSCALOOSA COUNTY --- 1.5 NNE COKER [33.25, -87.69]				
	03/31/15 17:03 CST		0	Hail (1.75 in)
	03/31/15 17:05 CST		0	Source: Fire Department/Rescue
<hr/>				
TUSCALOOSA COUNTY --- 2.1 N NORTHPORT [33.25, -87.58]				
	03/31/15 17:12 CST		0	Hail (1.00 in)
	03/31/15 17:14 CST		0	Source: Emergency Manager
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TUSCALOOSA COUNTY --- 1.5 NNW NORTHPORT [33.24, -87.59]				
	03/31/15 17:13 CST		0	Hail (1.75 in)
	03/31/15 17:15 CST		0	Source: Trained Spotter
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WALKER COUNTY --- 1.5 SSE CHISCA [33.85, -87.49]				
	03/31/15 17:18 CST		0	Hail (2.50 in)
	03/31/15 17:20 CST		0	Source: Public
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BIBB COUNTY --- 1.4 S COLEANOR [33.06, -87.03]				
	03/31/15 17:22 CST		0	Hail (1.00 in)
	03/31/15 17:24 CST		0	Source: Trained Spotter
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WALKER COUNTY --- GAMBLE [33.88, -87.33]				

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	03/31/15 17:35 CST		0	Hail (1.00 in)
	03/31/15 17:37 CST		0	Source: 911 Call Center
<hr/>				
WALKER COUNTY --- 5.3 ESE JASPER WALKER CO ARP [33.85, -87.18]				
	03/31/15 17:45 CST		0	Hail (1.00 in)
	03/31/15 17:47 CST		0	Source: Public
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WALKER COUNTY --- TOWNLEY [33.83, -87.43]				
	03/31/15 17:45 CST		0	Hail (1.00 in)
	03/31/15 17:47 CST		0	Source: Public
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JEFFERSON COUNTY --- 1.1 W PALOS [33.65, -87.07]				
	03/31/15 18:55 CST		0	Hail (1.00 in)
	03/31/15 18:57 CST		0	Source: Public
<hr/>				
JEFFERSON COUNTY --- GRAYSVILLE [33.63, -86.97]				
	03/31/15 19:08 CST		0	Hail (1.00 in)
	03/31/15 19:10 CST		0	Source: Public

A surface warm front lifted northward across central Alabama during the daylight hours. An upper level disturbance tracking southeast from Arkansas interacted with the increasingly unstable air mass air mass, and severe thunderstorms erupted across the area during the afternoon and evening hours. Steep lapse rates aloft produced favorable conditions for large hail.

ALABAMA, North

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN				
	03/05/15 01:35 CST		0	Winter Storm
	03/05/15 10:15 CST		0	

A strong Arctic cold front pushed southeast through the region during the late afternoon and early evening hours on the 3rd, dropping temperatures from the 70s into the upper 20s to middle 30s by the morning of the 4th. Rainfall changed to freezing rain and sleet from northwest to southeast after Midnight through the morning hours. The sleet was the predominant precipitation type, accumulating up to one inch in some locations. Freezing rain accumulated to one or two tenths of an inch before changing to sleet. Further southeast along the I-59 corridor, including Sand and Lookout Mountains in northeast Alabama, rain changed to freezing rain after 6 am, lasting only a couple of hours with ice accumulation of 1 to 2 tenths of an inch.

Travel became very hazardous as temperatures continued to tumble through the 20s and into the teens during the overnight of the 4th into the morning of the 5th. Numerous schools, government agencies and businesses were closed on the 5th and the 6th due to the hazardous travel conditions. Temperatures rose into upper 30s and lower 40s on the 6th, melting much of the ice, except in shaded locations.

MADISON COUNTY --- 3.6 E JEFF [34.81, -86.66], 3.6 E JEFF [34.81, -86.66], 3.5 E JEFF [34.81, -86.66], 3.4 E JEFF [34.81, -86.66]				
	03/11/15 08:00 CST		0	Flood (due to Heavy Rain)
	03/11/15 09:45 CST		0	Source: Broadcast Media

Flooding was occurring with up to twelve inches of water over the road between Nick Fitchard and Kelly Cemetery Road just north of Huntsville, Alabama.

A storm system moving through the region produced very heavy rainfall that resulted in an instance of flooding in Madison County, Alabama.

MADISON COUNTY --- MADISON [34.70, -86.77]				
	03/29/15 02:20 CST		10K	Lightning
	03/29/15 02:20 CST		0	Source: Broadcast Media

Lightning hit a tree in the backyard of a Madison home, and traveled over 100 feet and produced damage to the home.

A complex of thunderstorms produced numerous lightning strikes across the Tennessee Valley. A few resulted in structure fires or damage.

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LAUDERDALE COUNTY --- WATERLOO [34.92, -88.07]				
	03/31/15 06:12 CST		0	Hail (0.88 in)
	03/31/15 06:12 CST		0	Source: Amateur Radio
Nickel sized hail was reported on Main street in Waterloo.				
LAUDERDALE COUNTY --- WATERLOO [34.92, -88.07]				
	03/31/15 06:12 CST		0	Hail (1.00 in)
	03/31/15 06:12 CST		0	Source: Amateur Radio
Quarter sized hail was reported on the northwest side of Waterloo.				
MORGAN COUNTY --- HARTSELLE [34.43, -86.93]				
	03/31/15 12:52 CST		0	Hail (1.25 in)
	03/31/15 12:52 CST		0	Source: Broadcast Media
Half dollar sized hail was reported.				
CULLMAN COUNTY --- 6.0 N CULLMAN [34.27, -86.83]				
	03/31/15 13:05 CST		0	Lightning
	03/31/15 13:05 CST	1	0	Source: Emergency Manager
A 27 year old female was struck by lightning while leaning against a metal door frame. Victim was transported to a local hospital with non-life threatening injuries.				
CULLMAN COUNTY --- 3.0 WNW FAIRVIEW [34.27, -86.73]				
	03/31/15 13:13 CST		0	Hail (1.00 in)
	03/31/15 13:13 CST		0	Source: Trained Spotter
Quarter sized hail was reported.				
MARSHALL COUNTY --- 0.7 N ALLEN XRDS [34.44, -86.55]				
	03/31/15 13:22 CST		0	Hail (0.75 in)
	03/31/15 13:22 CST		0	Source: Public
Penny sized hail was reported.				
CULLMAN COUNTY --- 3.0 NW HOLLY POND [34.20, -86.66]				
	03/31/15 13:28 CST		0	Hail (1.25 in)
	03/31/15 13:28 CST		0	Source: Public
Half dollar sized hail was reported.				
MARSHALL COUNTY --- GRANT [34.53, -86.27]				
	03/31/15 13:52 CST		0	Hail (1.00 in)
	03/31/15 13:52 CST		0	Source: Broadcast Media
Quarter sized hail was reported.				
DEKALB COUNTY --- RAINSVILLE [34.50, -85.87]				
	03/31/15 14:30 CST		0	Hail (1.00 in)
	03/31/15 14:30 CST		0	Source: Trained Spotter
Quarter sized hail was reported.				
MARSHALL COUNTY --- GRANT [34.53, -86.27]				
	03/31/15 14:30 CST		0	Hail (1.75 in)
	03/31/15 14:30 CST		0	Source: Emergency Manager
Golf ball sized hail was reported.				

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COLBERT COUNTY --- ALLSBORO [34.70, -88.12]				
	03/31/15 14:42 CST		0	Hail (1.00 in)
	03/31/15 14:42 CST		0	Source: Emergency Manager
Quarter sized hail was reported.				
COLBERT COUNTY --- MAUD [34.65, -88.12]				
	03/31/15 14:44 CST		0	Hail (1.00 in)
	03/31/15 14:44 CST		0	Source: Emergency Manager
Quarter sized hail was reported.				
CULLMAN COUNTY --- TRIMBLE [34.10, -86.95]				
	03/31/15 15:15 CST		0	Hail (1.75 in)
	03/31/15 15:15 CST		0	Source: Emergency Manager
Golf ball sized hail was reported.				
FRANKLIN COUNTY --- RUSSELLVILLE [34.52, -87.73]				
	03/31/15 15:32 CST		0	Hail (0.88 in)
	03/31/15 15:32 CST		0	Source: Trained Spotter
Nickel sized hail was reported.				
CULLMAN COUNTY --- GOOD HOPE [34.10, -86.87]				
	03/31/15 16:00 CST		0	Hail (1.75 in)
	03/31/15 16:00 CST		0	Source: Emergency Manager
Golf ball sized hail was reported.				
MARSHALL COUNTY --- 1.9 WSW DOUGLAS [34.16, -86.36]				
	03/31/15 16:36 CST		0	Hail (1.00 in)
	03/31/15 16:36 CST		0	Source: Public
Quarter sized hail was reported on Highway 75 near the Blount County line.				
CULLMAN COUNTY --- JOPPA [34.25, -86.52]				
	03/31/15 16:50 CST		0	Hail (1.00 in)
	03/31/15 16:50 CST		0	Source: Emergency Manager
Quarter sized hail was reported.				
CULLMAN COUNTY --- 3.0 N HOLLY POND [34.21, -86.62]				
	03/31/15 16:54 CST		0	Hail (1.00 in)
	03/31/15 16:54 CST		0	Source: Emergency Manager
Quarter sized hail was reported.				
MARSHALL COUNTY --- 4.0 WSW ALBERTVILLE [34.25, -86.28]				
	03/31/15 17:13 CST		0	Hail (0.88 in)
	03/31/15 17:13 CST		0	Source: Emergency Manager
Nickel sized hail was reported in the Laddywood community in Marshall county.				
MARSHALL COUNTY --- UNION GROVE [34.40, -86.45]				
	03/31/15 17:26 CST		0	Hail (1.00 in)
	03/31/15 17:26 CST		0	Source: Trained Spotter
Quarter sized hail was reported.				
MARSHALL COUNTY --- 3.0 NNW ARAB [34.36, -86.52]				

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	03/31/15 17:30 CST		0	Hail (1.00 in)
	03/31/15 17:30 CST		0	Source: Emergency Manager

Quarter sized hail was reported at Mobbs School road and Highway 431 in Marshall county.

LAUDERDALE COUNTY --- WATERLOO [34.92, -88.07]

	03/31/15 18:23 CST		0	Hail (1.75 in)
	03/31/15 18:23 CST		0	Source: Amateur Radio

Golf ball sized hail was reported on main street in Waterloo, Alabama.

LAUDERDALE COUNTY --- 2.0 N WATERLOO [34.95, -88.07]

	03/31/15 18:45 CST		0	Hail (0.88 in)
	03/31/15 18:45 CST		0	Source: Amateur Radio

Nickel sized hail was reported.

LAUDERDALE COUNTY --- 4.6 NW WATERLOO [34.96, -88.13], 4.6 NW WATERLOO [34.97, -88.13], 4.5 NW WATERLOO [34.96, -88.13], 4.5 NW WATERLOO [34.96, -88.13]

	03/31/15 19:00 CST	1	0	Flash Flood (due to Heavy Rain)
	03/31/15 19:00 CST		0	Source: Broadcast Media

A local Lauderdale county man drowned after he was stuck in his truck while attempting to cross high waters along Panther Creek near County Road 105 in Waterloo, Alabama.

Direct Fatalities: M52??

LAUDERDALE COUNTY --- WATERLOO [34.92, -88.07]

	03/31/15 19:08 CST		0	Hail (1.75 in)
	03/31/15 19:08 CST		0	Source: Broadcast Media

Golf ball sized hail was reported. Relayed through social media via Broadcast media.

COLBERT COUNTY --- RIVERTON [34.88, -88.08]

	03/31/15 19:41 CST		0	Hail (1.00 in)
	03/31/15 19:41 CST		0	Source: Emergency Manager

Quarter sized hail was reported to be covering the ground.

LAUDERDALE COUNTY --- 1.0 W GREEN HILL [34.97, -87.52], 1.0 W GREEN HILL [34.97, -87.52], 1.0 W GREEN HILL [34.97, -87.52], 1.0 W GREEN HILL [34.97, -87.52]

	03/31/15 20:00 CST		0	Flash Flood (due to Heavy Rain)
	03/31/15 21:00 CST		0	Source: Emergency Manager

Up to 12 inches of water was reported over the road along County Road 8 near Green Hill, Alabama.

DEKALB COUNTY --- 1.0 ENE LEBANON [34.38, -85.81]

	03/31/15 20:03 CST		0	Hail (1.00 in)
	03/31/15 20:03 CST		0	Source: Emergency Manager

Quarter sized hail was reported on Interstate 59 between Collinsville and Fort Payne, about three miles south of Fort Payne, Alabama.

LAWRENCE COUNTY --- MOULTON [34.48, -87.28]

	03/31/15 21:25 CST		25K	Lightning
	03/31/15 21:25 CST		0	Source: Emergency Manager

Lightning struck a 100 foot tower at the Lawrence county, Alabama emergency management/ 911 facility. EMA officials reported that there was damage to the tornado early warning system and 911 phone lines.

A surge of moisture and unstable air aloft (steep mid level lapse rates) created a favorable environment for strong to severe thunderstorms producing large hail as a weak cold front dropped southeast into the Tennessee Valley. Although low level wind shear was relatively weak, mid to upper level shear sustained a few supercell thunderstorms that generated the largest hail up to golf ball sized. The storms developed rapidly during the mid afternoon hours across northern Alabama ahead of the cold front. As the evening

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wore on, new storms developed in far northwest Alabama right along the cold front. These progressed southeast of the area before Midnight. Unfortunately, one person was injured after being struck by lightning in their residence in Cullman County.

ALABAMA, Southwest

(AL-Z051) CHOCTAW

03/05/15 12:00 CST	0	Winter Weather
03/05/15 14:40 CST	0	

Light freezing rain and sleet fell across portions of interior southwest Alabama causing a light accumulation.

WASHINGTON COUNTY --- FRANKVILLE [31.65, -88.15]

03/22/15 17:10 CST	0	Hail (1.00 in)
03/22/15 17:12 CST	0	Source: Public

Thunderstorms developed across southwest Alabama and produced large hail.