

## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>(AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR</b>				
	08/01/11 00:00 CST		0	Drought
	08/31/11 23:59 CST		0	
Below normal rainfall persisted across central Alabama during the month of August. This caused drought conditions to continue for most counties and strengthen in some. By the end of the month Lee, Russell, Barbour, Randolph, Clay, Tallapoosa, Macon, Montgomery, Pike, Chambers, and Bullock Counties were under an Extreme (D3) drought.				
<b>(AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z027) TALLADEGA, (AL-Z032) HALE, (AL-Z033) PERRY, (AL-Z034) BIBB, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (AL-Z043) ELMORE</b>				
	08/02/11 00:00 CST		0	Drought
	08/31/11 23:59 CST		0	
Very little rain fell across central Alabama during the month of August, resulting in drought conditions spreading to a larger portion of the area. By the end of the month Talladega, Shelby, Bibb, Tuscaloosa, Hale, Perry, Chilton, Dallas, Autauga, Elmore, and Coosa Counties were all under Extreme (D3) drought conditions.				
<b>BLOUNT COUNTY --- 1.4 N BLOUNTSVILLE [34.10, -86.58]</b>				
	08/04/11 00:10 CST		5K	Thunderstorm Wind (EG 43 kt)
	08/04/11 00:10 CST		0	Source: State Official
A tree fell on a residence in the town of Blountsville.				
<b>WINSTON COUNTY --- DOUBLE SPGS [34.15, -87.40]</b>				
	08/04/11 02:47 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/04/11 02:47 CST		0	Source: State Official
Numerous trees were reported down throughout Winston County.				
<b>MARION COUNTY --- 1.5 NNW THORN HILL [34.19, -87.68]</b>				
	08/04/11 02:56 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/04/11 02:56 CST		0	Source: Emergency Manager
Several trees were reported down across the northeast portion of Marion County.				
<b>ETOWAH COUNTY --- 1.1 NNW GLENCOE [33.97, -85.93]</b>				
	08/04/11 12:57 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/04/11 12:57 CST		0	Source: Broadcast Media
Trees were reported down along Air Depot Road and College Street in Glencoe. One tree fell on a house.				
<b>MARION COUNTY --- 0.7 N HAMILTON [34.14, -87.98]</b>				
	08/04/11 15:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/04/11 15:05 CST		0	Source: Emergency Manager
Numerous trees were reported down around the county.				
<b>MARION COUNTY --- 0.7 N HAMILTON [34.14, -87.98]</b>				
	08/04/11 15:15 CST		5K	Lightning
	08/04/11 15:15 CST		0	Source: Emergency Manager
Lightning caused a structure fire in Hamilton.				
<b>LAMAR COUNTY --- 0.7 S CREWS [33.89, -88.13]</b>				
	08/04/11 15:25 CST		7K	Thunderstorm Wind (EG 50 kt)
	08/04/11 15:25 CST		0	Source: Emergency Manager
Numerous trees were reported down across Lamar County, especially to the north of Vernon.				

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A MCS interacted with a stalled front across southern Tennessee, enhancing thunderstorms as they pushed southward into north Central Alabama early Thursday morning. These storms resulted in isolated damaging winds during the early morning hours. The front slowly sank southward through the day and interacted with additional impulses rotating around a large area of high pressure anchored west of Alabama. This interaction sparked another round of thunderstorms in the unstable air mass during the afternoon, resulting in isolated damaging winds.

**MARION COUNTY --- 0.7 N HAMILTON [34.14, -87.98]**

08/07/11 18:25 CST	08/07/11 18:25 CST	4K	Thunderstorm Wind (EG 50 kt)
		0	Source: State Official

Several trees were knocked down in and around Hamilton.

**BLOUNT COUNTY --- 2.1 NNW NECTOR [33.98, -86.64]**

08/07/11 19:20 CST	08/07/11 19:20 CST	7K	Thunderstorm Wind (EG 43 kt)
		0	Source: State Official

Strong winds caused minor roof damage to a store in Nectar.

**WALKER COUNTY --- 0.9 NW CORDOVA [33.76, -87.19]**

08/07/11 19:42 CST	08/07/11 19:42 CST	1K	Thunderstorm Wind (EG 50 kt)
		0	Source: Broadcast Media

A tree was knocked down onto powerlines in Cordova.

**JEFFERSON COUNTY --- 1.3 WNW HILL VIEW [33.58, -86.90]**

08/07/11 19:55 CST	08/07/11 19:55 CST	1K	Thunderstorm Wind (EG 50 kt)
		0	Source: Broadcast Media

A tree was knocked down onto powerlines in Forestdale.

**JEFFERSON COUNTY --- 0.6 E SPAULDING [33.38, -86.96]**

08/07/11 20:18 CST	08/07/11 20:18 CST	3K	Thunderstorm Wind (EG 50 kt)
		0	Source: Public

Trees were knocked down in and around Bessemer.

An outflow boundary from convection in the Mid Missouri River Valley moved south into Central Alabama and interacted with a moist and buoyant air mass. A line of thunderstorms developed across north Central Alabama and produced scattered wind damage as it pushed southward.

**MONTGOMERY COUNTY --- 2.2 SSE MONTGOMERY [32.35, -86.29]**

08/08/11 16:35 CST	08/08/11 16:35 CST	2K	Thunderstorm Wind (EG 45 kt)
		0	Source: Emergency Manager

Trees and power lines were knocked down on and around the Huntingdon College campus.

Active northwesterly flow around a strong ridge anchored to the west of Central Alabama continued to bring MCS's and outflow boundaries into the area. An outflow boundary from morning thunderstorms moved southeastward, interacting with a moist and unstable air mass across south Central Alabama. During the late afternoon and evening hours, widespread showers and thunderstorms formed across much of the southeast portion of the area, producing isolated wind damage.

**PICKENS COUNTY --- 1.9 SW COCHRANE [33.05, -88.27]**

08/10/11 13:00 CST	08/10/11 13:00 CST	1K	Thunderstorm Wind (EG 50 kt)
		0	Source: Emergency Manager

A tree was knocked down along Highway 17 near the intersection of Highway 32.

**PERRY COUNTY --- 0.7 N SPROTT [32.68, -87.22]**

08/10/11 15:12 CST	08/10/11 15:12 CST	4K	Thunderstorm Wind (EG 50 kt)
		0	Source: Emergency Manager

Numerous trees were knocked down across Perry county, mainly affecting locations north of Marion, including the community of Sprott.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PERRY COUNTY --- 1.9 NNW SUTTLE [32.56, -87.19]</b>				
	08/10/11 15:20 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/10/11 15:20 CST		0	Source: Emergency Manager
Several trees were knocked down along County Road 6 and County Road 10 in southwest Perry county.				
<b>DALLAS COUNTY --- 1.9 NNE SELMA SKYHARBOR ARPT [32.40, -87.09]</b>				
	08/10/11 15:30 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/10/11 15:30 CST		0	Source: State Official
Trees were knocked down along Highway 219.				
<b>DALLAS COUNTY --- 2.8 NNW SARDIS [32.32, -87.01]</b>				
	08/10/11 15:35 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/10/11 15:35 CST		0	Source: State Official
Trees were knocked down along County Road 139.				
<b>PICKENS COUNTY --- 0.7 S CARROLLTON [33.26, -88.10]</b>				
	08/10/11 16:25 CST		7K	Thunderstorm Wind (EG 50 kt)
	08/10/11 16:25 CST		0	Source: Emergency Manager
Numerous trees were knocked down across a significant portion of Pickens county, including in and around the cities of Carrollton and Aliceville, resulting in power and telephone line outages.				
<b>Persistent northwesterly flow around a strong ridge continued to bring mesoscale convective systems (MCS) and outflow boundaries into Central Alabama. On Wednesday, August 10, an outflow boundary from convection upstream moved into the area and interacted with an unstable air mass producing several clusters of thunderstorms. As the activity moved southwestward, isolated wind damage occurred across portions of west and southwest Central Alabama.</b>				
<b>PIKE COUNTY --- 0.6 E CHINA GROVE [32.03, -85.94]</b>				
	08/11/11 17:45 CST		0	Thunderstorm Wind (MG 50 kt)
	08/11/11 17:45 CST		0	Source: Trained Spotter
<b>TALLAPOOSA COUNTY --- 0.7 NNW WALNUT HILL [32.71, -85.78]</b>				
	08/11/11 17:47 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/11/11 17:47 CST		0	Source: Emergency Manager
Several trees and powerlines were knocked down the Walnut Hill near the intersection of County Roads 50 and 49.				
<b>ELMORE COUNTY --- 1.4 ESE WETUMPKA [32.54, -86.20]</b>				
	08/13/11 16:20 CST		5K	Thunderstorm Wind (EG 43 kt)
	08/13/11 16:20 CST		0	Source: Broadcast Media
The south end zone fence was blown down and stadium lights received damage at the Hohenburg Football stadium.				
<b>The northwesterly flow pattern remained active across Central Alabama, bringing outflow boundaries and cloud cover to much of the area. On the afternoons of Thursday, August 11 and Saturday, August 13, outflow and differential heating boundaries aided in the development of pulse thunderstorms in a moist and unstable air mass over southeastern portions of the area.</b>				
<b>JEFFERSON COUNTY --- 1.3 NNE MORGAN [33.35, -86.92]</b>				
	08/20/11 14:43 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	08/20/11 14:43 CST		0	Source: Trained Spotter
The top portion of a tree snapped off and fell onto Hilltop Road.				
<b>On Saturday, August 20, diurnally driven thunderstorms developed across Central Alabama, initiating along outflow boundaries from the previous day's convection initially. Although the thunderstorms remained below severe limits on this day, isolated damage was reported.</b>				
<b>CHILTON COUNTY --- 4.5 ESE KINCHEON [32.73, -86.63]</b>				

## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/21/11 14:20 CST		12K	Thunderstorm Wind (EG 50 kt)
	08/21/11 14:20 CST		0	Source: Emergency Manager

Numerous trees were knocked down across south central Chilton county, blocking several county roads, including County Road 24, County Road 47, County Road 7 and County Road 49. In addition, the metal roof of several mobile homes along County Road 24 was partially removed.

### CHILTON COUNTY --- 0.7 NNE CLANTON GRAGG ARPT [32.86, -86.61]

08/21/11 14:43 CST	0	Hail (0.88 in)
08/21/11 14:43 CST	0	Source: Law Enforcement

### CHILTON COUNTY --- 0.7 NNE CLANTON GRAGG ARPT [32.86, -86.61]

08/21/11 14:43 CST	2K	Thunderstorm Wind (EG 50 kt)
08/21/11 14:43 CST	0	Source: Law Enforcement

Several trees were knocked down along Pinedale Rd and the surrounding area.

### DALLAS COUNTY --- 0.5 NNW POTTER [32.44, -87.10]

08/22/11 16:10 CST	12K	Thunderstorm Wind (EG 45 kt)
08/22/11 16:10 CST	0	Source: Emergency Manager

A couple large trees and power lines were knocked down in and around the Amazing Grace Mobile Home Park. In addition, the underpinning of several mobile homes sustained damage. A trampoline was blown several lots down and into the side of a mobile home, its legs puncturing the exterior wall of the mobile home.

**A weak upper level disturbance and associated surface front moved across Central Alabama on Sunday, August 21. Scattered thunderstorms developed ahead of the short wave, causing isolated wind damage. The upper level disturbance quickly moved east of the area, leaving the front to slowly push southward during the day on Monday, August 22. South of this boundary, scattered thunderstorms developed again as a result of mesoscale boundary interactions within a moist and unstable airmass, resulting in isolated damage.**

### (AL-Z021) CLEBURNE, (AL-Z042) LOWNDES

08/23/11 00:00 CST	0	Drought
08/31/11 23:59 CST	0	

Very little rain fell across central Alabama during the month of August, resulting in severe drought conditions spreading across the area. On August 23rd, Cleburne County fell into a Severe (D2) drought and was quickly upgraded to Extreme (D3) drought on August 30th.

### TUSCALOOSA COUNTY --- 6.4 SE SAMANTHA [33.34, -87.56]

08/24/11 18:25 CST	0.50K	Thunderstorm Wind (EG 35 kt)
08/24/11 18:25 CST	0	Source: Emergency Manager

A couple trees were knocked down around the Lake Tuscaloosa area.

Outflow boundaries from a Mesoscale Convective System over Arkansas pushed into Mississippi and aided in diurnally driven convection. Outflows from this activity allowed thunderstorm development to spread eastward into west Central Alabama by late afternoon. Isolated thunderstorms across the area resulted in isolated wind damage.

## ALABAMA, North

### (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON

08/02/11 13:00 CST	0	Heat
08/03/11 18:00 CST	2	0

During the afternoons of the 2nd and 3rd, heat index values reached 105 to 113 degrees in northwest and north central Alabama. On the 2nd, the temperature topped out at 100 degrees at the COOP observer's weather station in Muscle Shoals.

On the 3rd, ASOS weather stations recorded highs of 104 degrees at the Muscle Shoals Airport, 102 at Pryor Field in Decatur, and 101 at the Huntsville International Airport. The Muscle Shoals reading of 104 degree broke the record of 102 set in 1930. Automated COOP stations (HCN) recorded highs exceeding 100 degrees including Courtland (101), Muscle Shoals TVA (102) and Russellville (102). The COOP observer in Anderson recorded 100 degrees. The RAWS site in Bankhead National Forest reported 104 degrees while the COOP observer recorded 101 degrees in Moulton. The University of Alabama at Huntsville (MIPS) weather station co-located with the National Weather Service reported 102 degrees. On both mornings, lows were only in the lower to mid 70s in urban areas.

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<b>MADISON COUNTY --- HARVEST [34.85, -86.77]</b>				
	08/03/11 22:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/03/11 22:54 CST		0	Source: Trained Spotter
A trained spotter reported that several trees and power lines were downed by thunderstorm winds.				
<b>MADISON COUNTY --- HUNTSVILLE JONES ARP [34.63, -86.77]</b>				
	08/03/11 23:04 CST		0	Thunderstorm Wind (MG 60 kt)
	08/03/11 23:05 CST		0	Source: ASOS
A severe thunderstorm wind gust of 69 mph was measured at the Huntsville International Airport.				
<b>MADISON COUNTY --- HARVEST [34.85, -86.77]</b>				
	08/03/11 23:15 CST		25K	Thunderstorm Wind (EG 60 kt)
	08/03/11 23:20 CST		0	Source: Emergency Manager
Several trees and power lines were downed by thunderstorm winds from Harvest to Madison, Alabama. A trampoline was blown over a house and landed on a vehicle in Harvest. Power lines were also downed by thunderstorm winds in Monrovia on Knotts Creek and Balch road and a utility pole was downed on Carter road in Harvest, Alabama.				
<b>LIMESTONE COUNTY --- 1.8 NE SALEM [34.95, -87.10], 1.3 ESE ATHENS [34.79, -86.96]</b>				
	08/03/11 23:18 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	08/03/11 23:25 CST		0	Source: NWS Storm Survey
A storm survey indicated that peak winds of 70-80 mph produced significant tree damage along with numerous powerlines down and minor structural damage across a large portion of the county.				
<b>MORGAN COUNTY --- 1.5 E TRINITY [34.62, -87.05], 0.6 N FAIRVIEW [34.59, -86.95]</b>				
	08/03/11 23:18 CST		0.15M	Thunderstorm Wind (EG 96 kt)
	08/03/11 23:25 CST		0	Source: NWS Storm Survey
Significant severe thunderstorm winds snapped several wooden power poles near the base along highway 20. One concrete pole was knocked down to the ground and at least one small plane was flipped over at Pryor field. Many residents were without power for over a day due to the numerous trees and power lines that were downed in the area. Based on this evidence from a storm survey, it is estimated that peak winds approached 110 mph.				
<b>MADISON COUNTY --- TRIANA [34.58, -86.75]</b>				
	08/03/11 23:20 CST		5K	Thunderstorm Wind (EG 45 kt)
	08/03/11 23:24 CST		0	Source: Public
A tree was downed by thunderstorm winds.				
<b>MARSHALL COUNTY --- HORTON [34.20, -86.30]</b>				
	08/03/11 23:20 CST		5K	Thunderstorm Wind (EG 45 kt)
	08/03/11 23:25 CST		0	Source: Emergency Manager
A tree was downed by thunderstorm winds.				
<b>LIMESTONE COUNTY --- ATHENS [34.80, -86.98]</b>				
	08/03/11 23:30 CST		0.50M	Lightning
	08/03/11 23:30 CST		0	Source: Emergency Manager
A lightning strike from severe thunderstorms moving through Limestone county caused a fire that burned the Athens Church of God to the ground.				
<b>DEKALB COUNTY --- KILPATRICK [34.27, -86.07]</b>				
	08/03/11 23:50 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/03/11 23:52 CST		0	Source: Emergency Manager
Several trees were blown down by thunderstorm winds between Kilpatrick and Adamsburg.				
<b>CULLMAN COUNTY --- WEST PT [34.23, -86.95]</b>				

## Storm Data and Unusual Weather Phenomena - August 2011

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	08/03/11 23:55 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/03/11 23:58 CST		0	Source: Public
A 20 year old medium sized tree was blown down by thunderstorm winds along county road 1117.				
<b>MARSHALL COUNTY --- HEBRON [34.48, -86.38], GUNTERSVILLE [34.33, -86.25]</b>				
	08/04/11 00:20 CST		75K	Thunderstorm Wind (EG 52 kt)
	08/04/11 00:40 CST		0	Source: Newspaper
Numerous trees and power lines across a large part of the county were downed by thunderstorm winds. A wind gust of 52 mph was recorded at a weather station at the Emergency Management Agency office on Creek Path Road. Camper trailers and a few boats were damaged at Lakeside Campground at Claysville.				
<b>COLBERT COUNTY --- 5.0 W TUSCUMBIA [34.73, -87.79], 1.1 SW MT NEW HOME [34.66, -87.53]</b>				
	08/04/11 01:30 CST		0.15M	Thunderstorm Wind (EG 70 kt)
	08/04/11 01:45 CST		0	Source: NWS Storm Survey
Numerous trees and powerlines were down between Tuscumbia, Muscle Shoals and Leighton. Several power poles were snapped and a few roofs of homes sustained minor shingle damage. Peak winds were estimated to be around 80 mph along and just ahead the bowing line of severe thunderstorms.				
<b>COLBERT COUNTY --- 4.0 WSW TUSCUMBIA [34.71, -87.77], 0.3 NNE COLBERT HGTS [34.67, -87.70]</b>				
	08/04/11 01:35 CST	1	0.13M	Thunderstorm Wind (EG 70 kt)
	08/04/11 01:45 CST		0	Source: Emergency Manager
Several trees were uprooted and power lines were downed by thunderstorm winds in the Locust Shores community. Along the 500 block of Locust Road, a large oak tree fell onto a mobile home, killing a female resident who was sleeping.				
Direct Fatalities: F42MH				
<b>MORGAN COUNTY --- 1.0 SW OAK RIDGE [34.47, -87.02], 1.4 S LEESDALE [34.53, -86.90]</b>				
	08/04/11 01:55 CST		15K	Thunderstorm Wind (EG 52 kt)
	08/04/11 02:05 CST		0	Source: Public
Several trees and large branches were downed due to thunderstorm winds on Vaughn Bridge road in Hartselle and at Mud Tavern road at South Chapel Hill.				
<b>LAUDERDALE COUNTY --- 1.3 NNE CLOVERDALE [34.95, -87.76]</b>				
	08/04/11 05:00 CST		30K	Thunderstorm Wind (EG 70 kt)
	08/04/11 05:05 CST		0	Source: Newspaper
Brief thunderstorm winds struck the Cloverdale area around 6 am. The winds knocked down 100 year old oak trees and tore a metal roof from a nearby building, and wrapped metal debris around trees. An adjacent barn was nearly destroyed.				
<b>DEKALB COUNTY --- 4.0 SW DOG TOWN [34.31, -85.78], 3.2 SE LOVELESS [34.29, -85.73]</b>				
	08/04/11 10:00 CST		50K	Thunderstorm Wind (EG 52 kt)
	08/04/11 10:10 CST		0	Source: Emergency Manager
Several trees were blown down and a barn was damaged near the intersection of Alabama highway 176 and county road 55 in the Mount Vernon community.				
<b>DEKALB COUNTY --- 4.0 WSW FT PAYNE [34.41, -85.79]</b>				
	08/04/11 10:14 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/04/11 10:20 CST		0	Source: Emergency Manager
A few trees were downed by thunderstorm winds on county road 88 at Pine Ridge.				
<b>MARSHALL COUNTY --- GRANT [34.53, -86.27]</b>				
	08/04/11 10:20 CST		5K	Hail (1.75 in)
	08/04/11 10:23 CST		0	Source: Broadcast Media
Golf ball size hail was reported in the Albertville and Grant communities.				
<b>FRANKLIN COUNTY --- 6.0 E RED BAY [34.43, -88.02]</b>				

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	08/04/11 10:25 CST		1K	Thunderstorm Wind (EG 48 kt)
	08/04/11 10:30 CST		0	Source: Broadcast Media

The public estimated up to 55 mph wind gusts.

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### FRANKLIN COUNTY --- 5.0 WSW PHIL CAMPBELL [34.32, -87.78]

08/04/11 15:05 CST	20K	Thunderstorm Wind (EG 60 kt)
08/04/11 15:10 CST	0	Source: Trained Spotter

Several trees were downed and a big section of roofing on a shed was blown off by thunderstorm winds.

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### COLBERT COUNTY --- 1.0 SE LEIGHTON [34.69, -87.51], 1.0 W MT NEW HOME [34.67, -87.54], 0.5 SSW MT NEW HOME [34.66, -87.52], 1.1 ENE MT NEW HOME [34.68, -87.50]

08/04/11 18:20 CST	0	Flash Flood (due to Heavy Rain)
08/04/11 19:00 CST	0	Source: Law Enforcement

Several inches of water was over the road due to flash flooding along old highway 20, just southeast of Leighton near county line road.

A series of severe thunderstorms produced widespread wind damage. One of the storms knocked a tree down onto a mobile home, killing one occupant. Wind speeds up to 110 mph knocked a series of power poles down as well. Several power outages were reported due to lightning or trees being knocked down onto power lines.

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### (AL-Z006) MADISON

08/07/11 13:00 CST	0	Heat
08/07/11 16:00 CST	0	

The heat index reached 105 to 109 degrees during the afternoon of the 7th in the Huntsville metro area.

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### LAUDERDALE COUNTY --- 1.7 NW PETERSVILLE [34.87, -87.70], 1.0 S THORTONTOWN [34.82, -87.35]

08/07/11 17:05 CST	25K	Thunderstorm Wind (EG 52 kt)
08/07/11 17:25 CST	0	Source: Emergency Manager

Several trees were downed due to thunderstorm winds in a southeast path.

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### COLBERT COUNTY --- 5.0 WSW SHEFFIELD [34.74, -87.78], 4.0 NNE LITTLEVILLE [34.63, -87.64]

08/07/11 17:10 CST	0.10M	Thunderstorm Wind (EG 52 kt)
08/07/11 17:38 CST	0	Source: Emergency Manager

Numerous trees were blown down by thunderstorm winds from near Sheffield to just east of New Bethel, and in the Littleville area. In the Littleville area, a tree was blown onto a house and a building overhang was blown away due to thunderstorm winds.

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### LAUDERDALE COUNTY --- FLORENCE [34.80, -87.67]

08/07/11 17:15 CST	0	Hail (0.88 in)
08/07/11 17:17 CST	0	Source: Emergency Manager

Nickel size hail was reported.

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### FRANKLIN COUNTY --- 3.0 SW PHIL CAMPBELL [34.32, -87.74]

08/07/11 18:15 CST	0	Thunderstorm Wind (EG 52 kt)
08/07/11 18:20 CST	0	Source: Trained Spotter

A 60 mph wind gust was estimated by a trained storm spotter.

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### CULLMAN COUNTY --- WEST PT [34.23, -86.95]

08/07/11 18:45 CST	0	Hail (0.88 in)
08/07/11 18:47 CST	0	Source: Trained Spotter

Nickel size hail was reported.

A multi-cell cluster of strong to severe thunderstorms developed during the late afternoon hours in northwest Alabama. The storms pushed south and southeast, with a well-defined gust front causing straight-line wind damage to some areas. Prolific lightning was also observed.

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**(AL-Z006) MADISON**

	08/08/11 13:00 CST		0	Heat
	08/08/11 16:00 CST		0	

The heat index reached 105 to 109 degrees during the afternoon of the 7th and 8th, including the Huntsville metro area.

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**CULLMAN COUNTY --- 4.0 WNW FAIRVIEW [34.27, -86.74]**

	08/08/11 13:28 CST		5K	Thunderstorm Wind (EG 60 kt)
	08/08/11 13:33 CST		0	Source: Law Enforcement

A tree and large limbs was blown down by thunderstorm winds on county road 1545 in the Gold Ridge community.

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**LAWRENCE COUNTY --- 1.9 SSW WREN [34.41, -87.30]**

	08/08/11 13:45 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/08/11 13:50 CST		0	Source: Emergency Manager

A tree and a few power lines were downed due to thunderstorm winds.

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**MADISON COUNTY --- 2.1 SSW NEBO [34.74, -86.78]**

	08/08/11 14:15 CST		1K	Lightning
	08/08/11 14:15 CST		0	Source: NWS Employee

A female in her 30s was indirectly struck by lightning while on a corded telephone and attempting to disconnect power on a home computer during a prolific lightning storm. The person began feeling a tingling in her arm when lightning struck her through the telephone and knocked her to the ground. No apparent injuries were noted. The computer was also damaged by the lightning strike. During this enormous lightning storm, the Madison City school bus system brought students back to school to wait out the lightning storm.

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**MADISON COUNTY --- 6.0 WNW HUNTSVILLE [34.76, -86.72]**

	08/08/11 14:19 CST		5K	Thunderstorm Wind (EG 43 kt)
	08/08/11 14:22 CST		0	Source: Amateur Radio

An amateur radio operator measured a 50 mph wind gust with weather station equipment. A few limbs and a tree was also downed at their location.

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**MADISON COUNTY --- 2.0 SW HUNTSVILLE [34.71, -86.64]**

	08/08/11 14:20 CST		10K	Lightning
	08/08/11 14:20 CST		0	Source: Trained Spotter

Lightning struck and damaged several computers and equipment pm Westcorp Boulevard near Huntsville.

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**MADISON COUNTY --- 3.0 WSW HUNTSVILLE [34.71, -86.67], 1.0 WSW HUNTSVILLE [34.73, -86.64], 1.2 SW HUNTSVILLE [34.72, -86.64], 1.6 SSE FLETCHER CHAPEL [34.71, -86.66]**

	08/08/11 14:23 CST		0	Flash Flood (due to Heavy Rain)
	08/08/11 15:00 CST		0	Source: Broadcast Media

Several inches of water was reported over the road on Interstate 565 between Redstone Arsenal and the U.S. Space and Rocket Center.

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**MADISON COUNTY --- 2.0 SSE MERIDIANVILLE [34.82, -86.56]**

	08/08/11 14:28 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/08/11 14:35 CST		0	Source: Emergency Manager

A tree was blown down onto a power line at the intersection of Countess Street and Hudgins Street.

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**MADISON COUNTY --- 5.0 WSW MERIDIANVILLE [34.82, -86.65]**

	08/08/11 15:15 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/08/11 15:15 CST		0	Source: Emergency Manager

A tree was downed by thunderstorm winds onto a power line, also producing power line damage.

Multi-cell clusters of thunderstorms erupted quickly during the early to mid afternoon hours in northwest Alabama, and moved east and southeast through the late afternoon hours. The storms produced frequent lightning and gusty winds associated with the outflow winds and gust fronts associated with the storms. Power was knocked out in a few isolated areas, with a few Madison and Huntsville area traffic lights out during the early part of the evening rush hour period.



## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LIMESTONE COUNTY --- 5.0 WNW ATHENS [34.83, -87.06]</b>				
	08/09/11 02:38 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/09/11 02:43 CST		0	Source: Emergency Manager

A tree and a few power lines were downed by thunderstorm winds on Tillman Mill road near New Cut road.

<b>LIMESTONE COUNTY --- CARTWRIGHT [34.87, -87.07]</b>				
	08/09/11 02:38 CST		20K	Thunderstorm Wind (EG 52 kt)
	08/09/11 02:45 CST		0	Source: Emergency Manager

A few trees were downed by thunderstorm winds on Nelson Road and Harris loop. One tree landed onto a car on Harris loop.

<b>LIMESTONE COUNTY --- 1.0 E CARTWRIGHT [34.87, -87.05]</b>				
	08/09/11 03:00 CST		0	Hail (0.88 in)
	08/09/11 03:02 CST		0	Source: Trained Spotter

Nickel size hail was reported.

**A small mesoscale convective system (MCS) developed around 2 am in southwestern Tennessee, and tracked east-southeast into northern Alabama. The storms produced sporadic wind damage, hail, and frequent lightning. Very heavy rainfall amounts on the order of 1 to 2 inches were also reported.**

<b>LAUDERDALE COUNTY --- CENTER STAR [34.87, -87.45]</b>				
	08/11/11 16:00 CST		0	Hail (1.00 in)
	08/11/11 16:03 CST		0	Source: Emergency Manager

Quarter size hail was reported.

<b>COLBERT COUNTY --- 4.0 E FORD CITY [34.78, -87.45]</b>				
	08/11/11 16:02 CST		15K	Thunderstorm Wind (EG 52 kt)
	08/11/11 16:10 CST		0	Source: Emergency Manager

Multiple trees were blown down by thunderstorm winds around Spout Springs road and Wheeler View drive.

**A small area of severe storms developed and produced some tree damage and one report of large hail in northwest Alabama.**

<b>MADISON COUNTY --- MADISON [34.70, -86.77]</b>				
	08/13/11 16:40 CST		15K	Lightning
	08/13/11 16:40 CST		0	Source: Emergency Manager

A line of strong thunderstorms moved through Madison county, Alabama. Lightning associated with the thunderstorms, struck three homes, producing minor damage.

**A line of strong thunderstorms moving through north Alabama produced some isolated lightning strikes and damage in Madison County.**

<b>(AL-Z010) DEKALB</b>				
	08/29/11 14:00 CST		0	Wildfire
	08/31/11 23:00 CST		0	

A wildfire grew to 340 acres off County Road 739 near Ider from August 29th to the 31st.

### ALABAMA, Southeast

<b>(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON</b>				
	08/01/11 00:00 EST		0	Drought
	08/31/11 23:59 EST		0	

**August started with D1-D2 drought conditions (moderate to severe) across Coffee and Dale counties and D2-D3 drought conditions (severe to extreme) across Henry, Houston, and Geneva counties. Below average rainfall fell during the month, and drought conditions**

## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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worsened to D2-D3 status across all of the counties by the end of the month and continued into September.

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**HENRY COUNTY --- 2.0 SSW DOUBLE BRIDGES [31.67, -85.16], 2.1 SSE OTHO [31.65, -85.11]**

	08/08/11 14:05 CST		4K	Thunderstorm Wind (EG 50 kt)
	08/08/11 14:05 CST		0	Source: Emergency Manager

Several trees and a power line were blown down from one mile west of county road 93 to near the Hardridge Creek area about three miles north of county road 97. The monetary damage figure provided is a rough estimate.

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**DALE COUNTY --- 0.9 NE HIGHWAY 231 PEA RIVER BRIDGE [31.60, -85.77]**

	08/09/11 15:42 CST		1.50K	Thunderstorm Wind (EG 50 kt)
	08/09/11 15:42 CST		0	Source: Emergency Manager

A couple of trees were blown down near the Coffee-Dale county line. The monetary damage figure provided is a rough estimate.

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**DALE COUNTY --- 3.0 NW OZARK [31.47, -85.68]**

	08/09/11 16:01 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/11 16:01 CST		0	Source: Trained Spotter

A spotter estimated a wind gust of 60 mph.

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**HOUSTON COUNTY --- DOTHAN [31.22, -85.39]**

	08/09/11 16:40 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/09/11 16:40 CST		0	Source: Emergency Manager

A tree was blown down onto a house in downtown Dothan. The monetary damage figure provided is a rough estimate.

**A weak upper level trough combined with a moist and unstable air mass to produce isolated severe thunderstorms across southeast Alabama.**

### ALABAMA, Southwest

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**MOBILE COUNTY --- 9.0 E MOBILE BATES FLD [30.68, -88.08]**

	08/04/11 17:34 CST		2K	Thunderstorm Wind (EG 52 kt)
	08/04/11 17:36 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed at least one tree and several tree limbs around downtown Mobile.

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**BALDWIN COUNTY --- ELBERTA [30.42, -87.60]**

	08/04/11 22:40 CST		0	Lightning
	08/04/11 22:42 CST	1	0	Source: Emergency Manager

Thunderstorms developed across portions of southwest Alabama and produced damaging winds that caused minor damage.

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**BUTLER COUNTY --- GEORGIANA [31.63, -86.75]**

	08/08/11 17:00 CST		5K	Lightning
	08/08/11 17:02 CST		0	Source: Emergency Manager

The Georgiana police chief's home was struck by lightning which caused a house fire.

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**BUTLER COUNTY --- GREENVILLE [31.83, -86.63]**

	08/08/11 17:00 CST		5K	Lightning
	08/08/11 17:02 CST		0	Source: Emergency Manager

Lightning struck the Butler County Courthouse and knocked out phone and electric service.

**Lightning strikes from thunderstorms produced damage in parts of southwest Alabama.**

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**MOBILE COUNTY --- 1.2 WSW SPRING HILL [30.69, -88.17]**

## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/11 13:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	08/12/11 13:02 CST		0	Source: Broadcast Media

Winds estimated at 60 mph blew down trees onto power lines.

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### MOBILE COUNTY --- CODEN [30.38, -88.23]

08/12/11 14:46 CST	0	Hail (0.75 in)
08/12/11 14:48 CST	0	Source: Emergency Manager

Thunderstorms developed during the afternoon and produced small hail and minor wind damage.

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### BUTLER COUNTY --- 2.0 NE GREENVILLE [31.85, -86.61]

08/22/11 16:16 CST	0	Thunderstorm Wind (MG 51 kt)
08/22/11 16:18 CST	0	Source: ASOS

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### BUTLER COUNTY --- GREENVILLE [31.83, -86.63]

08/22/11 16:39 CST	5K	Thunderstorm Wind (EG 52 kt)
08/22/11 16:41 CST	0	Source: Law Enforcement

Winds estimated at 60 mph downed several trees and powerlines.

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### CLARKE COUNTY --- 4.0 W THOMASVILLE [31.92, -87.80]

08/22/11 18:30 CST	7K	Thunderstorm Wind (EG 52 kt)
08/22/11 18:32 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees and power lines along County Road 44 near Tallahatta Springs. Several power poles were also knocked down in the area.

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### CLARKE COUNTY --- ALMA [31.47, -87.75]

08/22/11 18:30 CST	3K	Thunderstorm Wind (EG 52 kt)
08/22/11 18:32 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees near Alma.

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

08/22/11 18:30 CST	10K	Lightning
08/22/11 18:31 CST	0	Source: Emergency Manager

A house fire was started by a lightning strike.

Thunderstorms developed during the late afternoon hours and produced gusty winds and frequent lightning that caused damage in parts of southwest Alabama.

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### BALDWIN COUNTY --- FOLEY [30.42, -87.68]

08/24/11 12:59 CST	0	Thunderstorm Wind (MG 51 kt)
08/24/11 13:01 CST	0	Source: Mesonet

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### MOBILE COUNTY --- GRAND BAY [30.47, -88.35]

08/24/11 12:59 CST	0	Thunderstorm Wind (MG 51 kt)
08/24/11 13:01 CST	0	Source: Mesonet

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### MOBILE COUNTY --- MOBILE BATES FLD [30.68, -88.23]

08/24/11 12:59 CST	0	Thunderstorm Wind (MG 53 kt)
08/24/11 13:01 CST	0	Source: ASOS

Thunderstorms developed during the afternoon and produced high winds.