

## Storm Data and Unusual Weather Phenomena - January 2013

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

(AL-Z021) CLEBURNE, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z041) AUTAUGA, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR

01/01/13 00:00 CST	0	Drought
01/31/13 23:59 CST	0	

Several instances of widespread rainfall during the second half of December helped drought conditions to improve across a good portion of the area. Although above normal rainfall continued into January, many counties in the southeast portion of Central Alabama still experienced drought conditions during the month.

**(AL-Z027) TALLADEGA**

01/01/13 00:00 CST	0	Drought
01/01/13 00:00 CST	0	

Above normal rainfall fell across portions of Central Alabama during the latter part of December. This allowed drought conditions to improve across Talladega County.

**(AL-Z023) TUSCALOOSA**

01/10/13 19:52 CST	0	High Wind (MAX 64 kt)
01/10/13 19:52 CST	0	

A weakening cold front pushed into west Central Alabama during the late afternoon on Thursday, January 10. Even though showers and isolated thunderstorms organized into a quasi linear convective system (QLCS), mid and upper level dynamics were weakening and severe weather was not expected. A wake low developed along the back edge of the rain area across west Central Alabama, resulting 40-55 mph winds and significant wind damage in this area. Trees and power lines were downed, with minor structural damage, across numerous locations in Sumter, Greene, Tuscaloosa, Pickens, Lamar, Hale and Jefferson counties.

**LAMAR COUNTY --- 0.9 NE VERNON [33.76, -88.11], 1.9 ESE VERNON [33.74, -88.09], 1.1 S VERNON [33.73, -88.12], 0.9 NW VERNON [33.76, -88.13]**

01/14/13 15:00 CST	0	Flood (due to Heavy Rain)
01/15/13 23:00 CST	0	Source: Emergency Manager

Up to 6 inches of rain fell across Lamar County from January 12th through January 16th. The majority of the rain fell on January 14th and January 15th. Already moist conditions were further exacerbated by the additional rainfall and water began to cover roadways. Over 28 roads across the county had to be closed due to flooding, including Hells Creek Road, Chapel Road, Sawmill Road, Cunningham Road, Paradise Road, and Stanley Road. Many dirt roads were also washed out.

**WALKER COUNTY --- 3.0 NNW GAMBLE [33.92, -87.35], 2.8 ENE HOLLY GROVE [33.84, -87.38], 4.5 E JASPER [33.82, -87.20], 2.5 E MARIGOLD [33.91, -87.23]**

01/14/13 16:15 CST	0	Flood (due to Heavy Rain)
01/15/13 23:59 CST	0	Source: Emergency Manager

The following roads were closed due to flooding caused by several days of heavy rainfall: Raccoon Creek Road, Tubbs Hill Road, River Road, and Alexander Tubbs Road.

**TUSCALOOSA COUNTY --- 2.5 SW HULL [33.03, -87.65], 3.6 SSW HULL [33.01, -87.65], 4.2 SE HULL [33.01, -87.57], 2.3 S MAXWELL [33.05, -87.57]**

01/15/13 06:00 CST	0	Flood (due to Heavy Rain)
01/20/13 06:00 CST	0	Source: Emergency Manager

Heavy rainfall over a period of three days, from January 13 until January 15, led to rises along the Black Warrior River at Oliver Lock and Dam. These rises caused minor flooding to occur in the southern portion of Tuscaloosa County. Several roads have to be closed due to flooding, included Whitfield Road, Riverbend Road, and South Sandy Road. The river began to recede by January 18th, and all roads finally became open on January 20th.

**TUSCALOOSA COUNTY --- 2.3 WNW SAMANTHA [33.44, -87.65], 1.0 ENE MOORES BRIDGE [33.45, -87.76], 3.6 SW NEW LEXINGTON [33.54, -87.72], 4.3 SE STERLING [33.50, -87.54]**

01/15/13 06:30 CST	0	Flood (due to Heavy Rain)
01/16/13 06:30 CST	0	Source: Emergency Manager

Heavy rainfall fell across northern Tuscaloosa County over a period of several days. This caused minor flooding to occur across some roadways. Several of these roads had to be closed due to the flooding, including Commerce Road at the Big Creek Bridge, Old Fayette Road at Brady Montgomery Road, Harless Road at the Old Fayette Road intersection, and Fosters Loop Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z026) ST. CLAIR</b>				
	01/17/13 06:30 CST		0	Heavy Snow
	01/17/13 17:30 CST		0	

<b>(AL-Z011) MARION, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z027) TALLADEGA</b>				
	01/17/13 06:45 CST		0	Winter Weather
	01/17/13 17:30 CST		0	

A cold front moved into Central Alabama during the evening hours on Sunday, January 13, and stalled across southeastern portions of the area. Rainfall along this front wet ground conditions and resulted in minor, isolated flooding in urban areas where rainfall was heavy at times. Low level southerly flow across the stalled frontal boundary resulted in repeated rounds of rainfall across much of the area on Monday and Tuesday, January 14-15. Instances of flash flooding led to long term flooding across portions of Central Alabama. Several roads were closed for many days due to high water. In addition, the temperature gradient across the front was quite strong, with more than a 40 degree difference from the far northwestern portions of Central Alabama to locations in the southeast. Light rain continued along the stalled front on Wednesday, January 16, before heavier rain spread back into the area during the evening hours. On Thursday, January 17, a deepening upper low approached the area from the west, resulting in surface low development in eastern Georgia along the stalled front. This allowed additional low level cold air to filter into Central Alabama from the north as the front pushed south of the area. With temperatures of approximately -25C aloft and robust forcing, rainfall transitioned to snow across much of north Central Alabama Thursday morning. As the system moved eastward, precipitation ended from west to east through the day. Isolated icy road conditions overnight on the 16th worsened as snowfall rates increased. Numerous wrecks were reported on minor and major roadways, including area interstates, and travel was disrupted across north Central Alabama as the heaviest snow band crossed the area during the day on the 17th.

<b>LAMAR COUNTY --- 6.1 WSW CREWS [33.87, -88.23], 2.4 WSW CREWS [33.89, -88.17]</b>				
	01/30/13 04:33 CST		0	Tornado (EF1, L: 3.83 mi , W: 300 yd)
	01/30/13 04:36 CST		0	Source: NWS Storm Survey

An EF1 tornado touched down in Monroe County, Mississippi, south of Greenwood Springs (See WFO Memphis Storm Data) and tracked northeastward into Lamar County, Alabama. The EF1 tornado with winds of 90 mph and 300 yards wide entered Alabama near the intersection of Pleasant Hills Rd and State Line Rd, downing trees near the state line. The tornado took a turn to the east, remaining south of US Highway 278. As the tornado crossed Shake Rag Rd and Abernathy Rd, it caused minor roof damage to one home and an outbuilding, and downed many trees. As the tornado turned to the north northeast, it crossed Sulligent Lake Rd and dissipated just west of Glass Rd. Path length in Mississippi was 7.02 miles.

<b>MARION COUNTY --- 0.9 NNW HAMILTON [34.14, -87.99]</b>				
	01/30/13 04:50 CST		0	Hail (0.75 in)
	01/30/13 04:50 CST		0	Source: Emergency Manager

<b>FAYETTE COUNTY --- 3.5 NNW COVIN [33.73, -87.90], 2.3 N FAYETTE R ARTHUR ARP [33.75, -87.80]</b>				
	01/30/13 05:18 CST		0	Tornado (EF1, L: 6.50 mi , W: 500 yd)
	01/30/13 05:25 CST		0	Source: NWS Storm Survey

A tornado touched down in west central Fayette County, northwest of Fayette, along County Road 37 near the community of Mt. Vernon. The tornado tracked east northeast snapping and uprooting trees as it crossed County Road 23 and Alabama Highway 18. The tornado briefly strengthened to 90 MPH and turned to the northeast where it crossed Alabama Highway 107 and caused minor damage to a residence. The tornado continued moving east northeast, crossing Luxapallila Creek and causing significant tree damage along County Road 21, County Road 85 and County Road 80. The tornado crossed US Highway 43, downing more trees before lifting just west of Alabama Highway 129.

<b>WALKER COUNTY --- 3.3 NE KANSAS [33.93, -87.51], 3.3 W PROSPECT [33.93, -87.51]</b>				
	01/30/13 05:41 CST		0	Thunderstorm Wind (EG 78 kt)
	01/30/13 05:41 CST		0	Source: NWS Storm Survey

Microburst winds of 90 MPH downed 150 pine trees in a swath of wind damage 200 yards wide south southwest of Nauvoo.

<b>WALKER COUNTY --- 2.7 W PROSPECT [33.93, -87.50], 2.7 NE PROSPECT [33.96, -87.42]</b>				
	01/30/13 05:42 CST		0	Tornado (EF0, L: 4.90 mi , W: 200 yd)
	01/30/13 05:46 CST		0	Source: NWS Storm Survey

An EF0 tornado developed just downstream of the microburst wind damage south southwest of Nauvoo. This tornado moved east northeast, crossing Slick Lizard Rd. A mobile home sustained moderate damage due to a downed tree. The tornado continued east northeast, causing shingle damage to a home and destroying an outbuilding. The tornado lifted after crossing Alabama Highway 5. Along the path, dozens of hardwood and softwood trees were uprooted or snapped.

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<b>WINSTON COUNTY --- 2.8 NE POPLAR SPGS [34.06, -87.37], 2.2 N NATHAN [34.11, -87.20]</b>				
	01/30/13 05:50 CST		0	Tornado (EF1, L: 10.39 mi , W: 1000 yd)
	01/30/13 05:59 CST		0	Source: NWS Storm Survey
<p>An EF1 tornado touched down just west of the intersection of County Road 8 and County Road 3074 north northeast of Poplar Springs, downing several trees. In addition, a portion of the roof of a mobile home was thrown one quarter mile. At this point, the width was near 100 yards wide. The tornado tracked east northeast along Slick Ford Road, downing hundreds of trees. As the tornado crossed Smith Lake near Cove Road South, six homes sustained roof damage; one severely. The tornado widened to 1000 yards wide as it crossed the lake near County Road 61. As it tracked along the lake, thousands of trees were downed causing damage to at least a dozen additional residences. Also, several boat houses were destroyed. The tornado weakened as it crossed County Road 63, dissipating near the intersection of County Road 41 and County Road 52.</p>				
<b>WINSTON COUNTY --- 0.6 N ADDISON [34.21, -87.18], 4.0 N NESMITH [34.23, -87.11]</b>				
	01/30/13 06:01 CST		0	Tornado (EF1, L: 4.20 mi , W: 300 yd)
	01/30/13 06:04 CST		0	Source: NWS Storm Survey
<p>An EF1 tornado touched down just north of Addison along County Road 41, just north of Hunter Rd with winds of 70-80mph snapping many softwood trees. The tornado tracked east northeast and destroyed a small airplane hangar at the Addison Municipal Airport. As it tracked parallel to County Road 41, it continued to down trees with winds of 90mph. Just passed County Road 130, the tornado removed a portion of the roof from a residence. Portions of a metal roof were uplifted from an outbuilding along County Road 3725, causing minor tree damage. The tornado continued east northeast, crossing into Cullman County (See Storm Data WFO Huntsville) just south of County Road 1043. The tornado remained on the ground for an additional 2.14 miles in Cullman County.</p>				
<b>WINSTON COUNTY --- 1.1 NW HELICON [34.13, -87.14]</b>				
	01/30/13 06:02 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 06:02 CST		0	Source: Emergency Manager
<p>Trees and power lines were knocked down along County Road 40, just west of County Road 77.</p>				
<b>AUTAUGA COUNTY --- 1.7 SSE PRATTMONT [32.45, -86.44]</b>				
	01/30/13 06:18 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 06:18 CST		0	Source: Emergency Manager
<p>Trees and power lines were blown down on US Highway 31.</p>				
<b>AUTAUGA COUNTY --- 3.3 ENE FAYS [32.50, -86.37]</b>				
	01/30/13 06:25 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 06:25 CST		0	Source: Emergency Manager
<p>Several trees were knocked down in and around Millbrook.</p>				
<b>TUSCALOOSA COUNTY --- 3.2 SW COKER [33.19, -87.73]</b>				
	01/30/13 06:44 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 06:44 CST		0	Source: Public
<p>Trees were reported down along Romulus Road near Sipsey Valley High School.</p>				
<b>SUMTER COUNTY --- 3.3 WNW YORK [32.49, -88.37]</b>				
	01/30/13 07:40 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 07:40 CST		0	Source: Emergency Manager
<p>A tree was reported down on County Road 2, north of Cuba.</p>				
<b>CHILTON COUNTY --- 0.8 NNE CLANTON GRAGG ARPT [32.86, -86.61]</b>				
	01/30/13 07:48 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 07:48 CST		0	Source: Public
<p>Several trees were blown down along Pinedale Rd.</p>				
<b>TALLADEGA COUNTY --- 0.5 SW GANTT JCT [33.15, -86.26]</b>				
	01/30/13 08:20 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 08:20 CST		0	Source: Emergency Manager

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A tree and powerlines were blown down at the intersection of Alabama Highway 21 and US Highway 280.				
<b>CALHOUN COUNTY --- 1.3 E DE ARMANVILLE [33.63, -85.73]</b>				
	01/30/13 09:10 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 09:10 CST		0	Source: 911 Call Center
A tree was blown down along Bernard Couch Drive.				
<b>CALHOUN COUNTY --- 0.7 SW CHOCOLOCCO [33.66, -85.71]</b>				
	01/30/13 09:12 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 09:12 CST		0	Source: Public
A large tree fell on a residence along Reneau St, causing roof damage.				
<b>JEFFERSON COUNTY --- 1.1 N FAIRFIELD [33.49, -86.92], 1.0 N FAIRFIELD [33.48, -86.92], 1.0 N FAIRFIELD [33.48, -86.92], 1.0 N FAIRFIELD [33.48, -86.92]</b>				
	01/30/13 10:30 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 12:30 CST		0	Source: Emergency Manager
The intersection at E.J. Oliver Blvd and Valley Road in Fairfield was impassable due to high waters.				
<b>ELMORE COUNTY --- 2.7 ESE WETUMPKA [32.53, -86.18]</b>				
	01/30/13 10:35 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 10:35 CST		0	Source: Law Enforcement
Power lines were blown down on Whitman Field Rd, just east of US Highway 231.				
<b>CALHOUN COUNTY --- 0.7 NE WEST END ANNISTON [33.66, -85.84], 0.9 NE ANNISTON [33.66, -85.82], 0.9 ENE ANNISTON [33.66, -85.82], 0.6 NE WEST END ANNISTON [33.66, -85.84]</b>				
	01/30/13 10:50 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:30 CST		0	Source: Law Enforcement
Many intersections along 10th St were flooded and impassable. One water rescue was reported with no injuries.				
<b>CALHOUN COUNTY --- 1.4 SSW HOBSON CITY [33.61, -85.83], 1.3 SSW HOBSON CITY [33.61, -85.83], 1.6 SSW HOBSON CITY [33.61, -85.83], 1.6 SSW HOBSON CITY [33.61, -85.83]</b>				
	01/30/13 10:50 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:30 CST		0	Source: Law Enforcement
Local police reported Hale St and Elm St in Oxford were flooded and considered to be dangerous.				
<b>JEFFERSON COUNTY --- 1.3 SE AYRES [33.67, -86.66], 1.1 SE AYRES [33.67, -86.67], 0.9 ESE AYRES [33.67, -86.67], 1.0 ESE AYRES [33.67, -86.66]</b>				
	01/30/13 10:55 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 12:30 CST		0	Source: Emergency Manager
Portions of Sweeney Hollow Rd were reported as flooded.				
<b>RANDOLPH COUNTY --- 2.9 SSW PINE TUCKEY [33.43, -85.55]</b>				
	01/30/13 10:58 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 10:58 CST		0	Source: Emergency Manager
Trees were knocked down along County Road 29.				
<b>TALLADEGA COUNTY --- 1.0 NNW TALLADEGA [33.44, -86.11], 1.0 NNW TALLADEGA [33.44, -86.11], 0.8 NNW TALLADEGA [33.44, -86.10], 0.8 NNW TALLADEGA [33.44, -86.11]</b>				
	01/30/13 11:00 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:00 CST		0	Source: Emergency Manager
Flooding was reported along many roads in Talladega. Court St and Mosley St were reported as impassable. Other flooded streets included Isabell Circle, North St E, Scott St, and 8th Ave.				

## Storm Data and Unusual Weather Phenomena - January 2013

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<b>TALLADEGA COUNTY --- 1.1 W OLDFIELD [33.20, -86.24], 1.0 W OLDFIELD [33.20, -86.24], 1.0 W OLDFIELD [33.20, -86.24], 1.1 W OLDFIELD [33.20, -86.24]</b>				
	01/30/13 11:00 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:00 CST		0	Source: Emergency Manager
Lake Terrace St was flooded, with water levels up to automobile windows.				
<b>TALLADEGA COUNTY --- 0.7 NNE CHILDERSBURG [33.28, -86.37], 0.8 NE CHILDERSBURG [33.28, -86.36], 0.7 NE CHILDERSBURG [33.28, -86.36], 0.6 NNE CHILDERSBURG [33.28, -86.36]</b>				
	01/30/13 11:02 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:00 CST		0	Source: Emergency Manager
Sadie Lee Lane and Cooper St were impassable due to high water.				
<b>TALLAPOOSA COUNTY --- 1.2 W JACKSONS GAP [32.88, -85.82]</b>				
	01/30/13 11:07 CST		0	Thunderstorm Wind (EG 52 kt)
	01/30/13 11:07 CST		0	Source: State Official
Trees were blown down along Main St.				
<b>CLAY COUNTY --- 0.7 NNE BARFIELD [33.36, -85.72]</b>				
	01/30/13 11:10 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:10 CST		0	Source: Public
Trees were blown down along Alabama Highway 9 in Barfield.				
<b>RANDOLPH COUNTY --- 0.6 E WADLEY [33.12, -85.54]</b>				
	01/30/13 11:28 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:28 CST		0	Source: Emergency Manager
Trees were blown down along Alabama Highway 22 east of Wadley.				
<b>CLEBURNE COUNTY --- 0.9 SW HEFLIN [33.64, -85.59], 0.7 SW HEFLIN [33.64, -85.59], 0.9 SW HEFLIN [33.64, -85.59], 1.0 SW HEFLIN [33.64, -85.59]</b>				
	01/30/13 11:38 CST		0	Flash Flood (due to Heavy Rain)
	01/30/13 13:30 CST		0	Source: Emergency Manager
At least six inches of water had flooded US Highway 78 at Alabama Highway 9.				
<b>RANDOLPH COUNTY --- 1.5 W TENANT [33.25, -85.45]</b>				
	01/30/13 11:39 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:39 CST		0	Source: Emergency Manager
Trees were blown down along County Road 33.				
<b>ELMORE COUNTY --- 1.9 WNW TALLASSEE [32.54, -85.93]</b>				
	01/30/13 11:48 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:48 CST		0	Source: Emergency Manager
Trees were reported down in and around the community of Friendship.				
<b>RANDOLPH COUNTY --- 0.8 SSE WEHADKEE [33.22, -85.26]</b>				
	01/30/13 11:48 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:48 CST		0	Source: Emergency Manager
Trees were blown down along County Road 30, near Paran.				
<b>TALLAPOOSA COUNTY --- 1.3 N DADEVILLE [32.85, -85.75]</b>				
	01/30/13 11:50 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 11:50 CST		0	Source: State Official
Trees were blown down along Dudleyville Rd and Horesebend Rd, northeast of Dadeville.				

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**TALLADEGA COUNTY --- 2.5 NNW STOCKDALE [33.45, -86.05], 2.8 NNE RENFROE [33.46, -86.18], 2.1 WSW CHILDERSBURG [33.26, -86.40], 0.6 W GANTTS QUARRY [33.15, -86.31], 3.5 ESE GANTT JCT [33.13, -86.19]**

	01/30/13 13:00 CST		0	Flood (due to Heavy Rain)
	01/30/13 16:00 CST		0	Source: Emergency Manager

Runoff from heavy rainfall continued and streets across the county remained flooded for several hours after rainfall ended.

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**LEE COUNTY --- 2.0 ESE PEPPERELL [32.62, -85.37]**

	01/30/13 13:10 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 13:10 CST		0	Source: Emergency Manager

A tree was blown over, onto a manufactured home, trapping one person inside. No injuries reported.

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**PIKE COUNTY --- 0.7 N TROY [31.81, -85.97]**

	01/30/13 13:30 CST		0	Thunderstorm Wind (EG 50 kt)
	01/30/13 13:30 CST		0	Source: Emergency Manager

Strong winds blew roof shingles off a home.

Ahead of a strong cold front, a quasi linear convective system (QLCS) with embedded supercells moved eastward across Mississippi. Ahead of the line of thunderstorms, southerly flow increased, bringing moisture northward and increasing shear. This resulted in increased surface instabilities across much of the area, allowing storms to become surface based. Several tornadoes and widespread thunderstorm wind damage occurred across much of the area. In addition, strong gradient winds ahead of the strengthening system brought down power lines and caused minor structural damage. Heavy rainfall rates caused isolated flash flooding.

### ALABAMA, North

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**(AL-Z009) JACKSON**

	01/10/13 22:55 CST		1K	Strong Wind (MAX 40 kt)
	01/10/13 22:56 CST		0	

A strong low level jet moving across the tennessee valley ahead of a cold front produced some minor non-thunderstorm related wind damage in northeast Alabama.

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**LAUDERDALE COUNTY --- 2.0 SSE FLORENCE [34.77, -87.66]**

	01/13/13 14:45 CST		0	Thunderstorm Wind (EG 43 kt)
	01/13/13 14:46 CST		1K	Source: Emergency Manager

A few large limbs were downed by thunderstorm winds on Veterans drive.

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**LAWRENCE COUNTY --- 10.0 NW MOULTON [34.58, -87.40]**

	01/13/13 15:25 CST		0	Thunderstorm Wind (EG 52 kt)
	01/13/13 15:26 CST		5K	Source: Emergency Manager

A few trees and power lines were downed by thunderstorm winds.

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**LIMESTONE COUNTY --- 5.0 SW ELKMONT [34.88, -87.04], 1.1 N CROSS KEY [34.89, -87.02], 0.8 ENE CROSS KEY [34.87, -87.01], 0.8 W CROSS KEY [34.87, -87.03]**

	01/13/13 17:00 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 23:00 CST		0	Source: Trained Spotter

Several inches of water covered the road along Cannon road near Fort Hampton road just northwest of Athens, due to heavy rain.

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**MORGAN COUNTY --- 1.3 SSW DECATUR [34.60, -86.99], 0.4 WNW OAKWORTH [34.57, -86.99], 0.5 NW FAIRVIEW [34.58, -86.96], 1.3 SSE DECATUR [34.60, -86.97]**

	01/13/13 17:05 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 23:00 CST		0	Source: Trained Spotter

Several road intersections in the vicinity of Decatur were covered with several inches of water.

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<b>CULLMAN COUNTY --- 1.0 S CULLMAN [34.17, -86.83], 2.2 WNW PHELAN [34.14, -86.85], 1.5 WNW PHELAN [34.14, -86.84], 1.4 S CULLMAN [34.16, -86.83]</b>				
	01/13/13 18:04 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 22:00 CST		0	Source: Trained Spotter
Flash flooding occurred as the creek under highway 69 was slightly overflowing.				
<b>CULLMAN COUNTY --- 5.0 SSE GOOD HOPE [34.03, -86.84], 4.3 WSW HANCEVILLE [34.04, -86.83], 4.2 WSW HANCEVILLE [34.04, -86.83], 4.4 SW HANCEVILLE [34.03, -86.83]</b>				
	01/13/13 18:20 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 22:30 CST		0	Source: Emergency Manager
Flash flooding was occurring with water depth several inches deep across the road and mid way up the driver door of a truck.				
<b>DEKALB COUNTY --- 5.0 SW RAINSVILLE [34.45, -85.93], 1.6 SW BOWMANS XRDS [34.58, -85.89], 2.9 ESE SYLVANIA [34.56, -85.78], 0.9 NNE LYDIA [34.44, -85.87]</b>				
	01/13/13 19:00 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 22:00 CST		0	Source: Emergency Manager
Flash flooding was occurring with six inches to a foot of water reported over County Road 47 between Thomas and Poole Circle and along County Road 50 and Alabama Highway 75.				
<b>JACKSON COUNTY --- PISGAH [34.68, -85.85], PIKEVILLE [34.75, -86.03], 5.0 NNE HYTOP [34.98, -86.03], 2.8 ESE GONCE [34.96, -85.88]</b>				
	01/13/13 19:00 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 22:00 CST		0	Source: Broadcast Media
Numerous county roads were closed due to at least several inches of water reported over the roads. The roads closed included: County roads 151, 354, 177, 31, 453, 117, 45, 9, 142 and highway 65 near the Paint Rock Valley High School.				
<b>DEKALB COUNTY --- 2.0 E SYLVANIA [34.57, -85.79], 2.3 E SYLVANIA [34.57, -85.79], 2.4 E SYLVANIA [34.57, -85.79], 2.1 E SYLVANIA [34.57, -85.79]</b>				
	01/13/13 19:10 CST		0	Flash Flood (due to Heavy Rain)
	01/13/13 22:00 CST		0	Source: Emergency Manager
Flash flooding was occurring with several inches of water reported over County Roads 27, 112, 116.				
<b>LIMESTONE COUNTY --- 1.6 SW WHEELER LAKE NORTH [34.81, -87.17], 0.8 N TANNER [34.74, -86.97], 0.8 S COPELAND CO [34.84, -86.83], 0.5 NE CAREY [34.88, -86.94]</b>				
	01/13/13 23:00 CST		0	Flood (due to Heavy Rain)
	01/14/13 09:00 CST		0	Source: Emergency Manager
Numerous reports of flooding were received as several roads were covered by water several inches deep across Limestone County.				
<b>MORGAN COUNTY --- 1.4 ENE MOULTON HGTS [34.60, -87.00], 0.1 E OAKWORTH [34.57, -86.98], 1.0 NW FAIRVIEW [34.59, -86.96], 1.0 SSE DECATUR [34.61, -86.98]</b>				
	01/13/13 23:00 CST		0	Flood (due to Heavy Rain)
	01/14/13 08:00 CST		0	Source: Trained Spotter
Flooding was occurring with several inches of water over numerous roads in vicinity of Decatur.				
<b>(AL-Z001) LAUDERDALE, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN</b>				
	01/14/13 14:27 CST		5K	Winter Weather
	01/14/13 20:00 CST		0	
<b>DEKALB COUNTY --- 5.0 SSE CROSSVILLE [34.21, -85.97], 1.0 N SYLVANIA [34.58, -85.83], 2.9 SSW STAMP [34.54, -85.75], 3.5 SW COLLINSVILLE [34.24, -85.92]</b>				
	01/14/13 15:30 CST		0	Flood (due to Heavy Rain)
	01/15/13 08:00 CST		0	Source: Emergency Manager
Big Wills creek was at the top of its banks and highway 227 at County Road 51 was underwater with several inches of water over the road. Flooding was also occurring along County roads 371, 739, 386 and 30, with portions of the roadways washed out.				

## Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cold front moved through the region on 1/13/13 with a line of thunderstorms producing scattered wind damage in northwest Alabama. Excessive rainfall developed across north Alabama as the cold front began to slowly stall out across the area. Much colder air filtered into the region behind the front. This shallow cold air mass, combined with over-running precipitation across the area, resulted in periods of freezing rain across much of north Alabama.

**(AL-Z001) LAUDERDALE, (AL-Z007) MORGAN, (AL-Z016) CULLMAN**

01/17/13 10:30 CST	0	Sleet
01/17/13 12:00 CST	0	

**(AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z005) LIMESTONE, (AL-Z008) MARSHALL, (AL-Z010) DEKALB**

01/17/13 10:30 CST	0	Winter Weather
01/17/13 16:00 CST	0	

**(AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z016) CULLMAN**

01/17/13 11:15 CST	0	Heavy Snow
01/17/13 15:45 CST	0	

A strong upper level storm system moved northeast through the Tennessee valley region, with heavy snowfall and sleet reported in portions of north Alabama. Snowfall amounts ranged from up to an inch in northwest Alabama, to three to four inches in north central Alabama. Around a dusting of snow was reported in northeast Alabama.

**(AL-Z002) COLBERT, (AL-Z004) LAWRENCE**

01/30/13 02:24 CST	16K	Strong Wind (MAX 49 kt)
01/30/13 03:11 CST	0	

**LAUDERDALE COUNTY --- 8.7 WSW SMITHSONIA [34.76, -88.02]**

01/30/13 02:57 CST	3K	Thunderstorm Wind (EG 56 kt)
01/30/13 03:02 CST	0	Source: Broadcast Media

Trees were downed at County Road 2 near the Natchez Trace. The time was estimated by radar.

**LAUDERDALE COUNTY --- 0.1 NW SULLIVAN XRDS [34.90, -87.80]**

01/30/13 03:18 CST	0.50K	Thunderstorm Wind (EG 52 kt)
01/30/13 03:21 CST	0	Source: Emergency Manager

A tree was knocked down on County Road 6 near Central High School.

**FRANKLIN COUNTY --- 0.9 NNE PLEASANT SITE [34.54, -88.06]**

01/30/13 03:39 CST	0.50K	Thunderstorm Wind (EG 52 kt)
01/30/13 03:39 CST	0	Source: Emergency Manager

A tree was downed by thunderstorm winds at Pleasant Site Highway 90 at Troy Thorn Road. The time was estimated by radar.

**FRANKLIN COUNTY --- 3.4 E PLEASANT SITE [34.53, -88.01]**

01/30/13 03:45 CST	0.50K	Thunderstorm Wind (EG 52 kt)
01/30/13 03:45 CST	0	Source: Emergency Manager

A tree was downed by thunderstorm winds at Hwy 247 and 21 intersection. The time was estimated by radar.

**COLBERT COUNTY --- 0.9 NW MUSCLE SHOALS [34.76, -87.68]**

01/30/13 03:52 CST	5K	Thunderstorm Wind (EG 52 kt)
01/30/13 03:52 CST	0	Source: Emergency Manager

The roof blown off a building on 2nd Street in Sheffield due to thunderstorm winds. The time was estimated from radar.

**FRANKLIN COUNTY --- 1.8 NE BELGREEN [34.49, -87.85]**

01/30/13 03:54 CST	0.50K	Thunderstorm Wind (EG 52 kt)
01/30/13 03:54 CST	0	Source: Emergency Manager

A tree was downed by thunderstorm winds near highways 524 and 41. The time was estimated by radar.



## Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAUDERDALE COUNTY --- 0.9 NNW HOLLOWAY [34.89, -87.54]</b>				
	01/30/13 04:05 CST		3K	Thunderstorm Wind (EG 56 kt)
	01/30/13 04:10 CST		0	Source: Broadcast Media
A few trees were downed by thunderstorm winds along County Road 170 at Highway 431. The time was estimated by radar.				
<b>FRANKLIN COUNTY --- 2.3 NW HODGES [34.35, -87.96]</b>				
	01/30/13 04:11 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	01/30/13 04:11 CST		0	Source: Emergency Manager
A tree was downed by thunderstorm winds near Highway 172 and Overton Farm Road. The time was estimated by radar.				
<b>LAUDERDALE COUNTY --- 0.9 SW ROGERSVILLE [34.82, -87.29]</b>				
	01/30/13 04:15 CST		10K	Thunderstorm Wind (EG 56 kt)
	01/30/13 04:15 CST		0	Source: Broadcast Media
A church steeple was destroyed by thunderstorm winds at Cumberland Presbyterian Church in Anderson, Alabama. The time was estimated by radar.				
<b>LAWRENCE COUNTY --- 1.4 NNW HILLSBORO [34.65, -87.19]</b>				
	01/30/13 04:47 CST		1K	Thunderstorm Wind (EG 65 kt)
	01/30/13 04:47 CST		0	Source: Emergency Manager
A power pole was snapped by thunderstorm winds at the intersection of County Road 217 and Highway 20 in Hillsboro, Alabama.				
<b>LIMESTONE COUNTY --- 1.6 ESE THACH [34.91, -86.88]</b>				
	01/30/13 04:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/30/13 04:50 CST		0	Source: Public
Roof damage due to thunderstorm winds was reported at the 24000 block of Mooresville Road in the Thatch community.				
<b>LIMESTONE COUNTY --- 2.6 W PISGAH [34.88, -86.88]</b>				
	01/30/13 04:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/30/13 04:50 CST		0	Source: Public
Thunderstorm winds produced roof damage at the Southern Gayles Golf Course between Athens and Toney, Alabama. The time was estimated by radar.				
<b>LAWRENCE COUNTY --- 0.7 N MT HOPE [34.46, -87.48]</b>				
	01/30/13 05:21 CST		1K	Thunderstorm Wind (EG 60 kt)
	01/30/13 05:21 CST		0	Source: Emergency Manager
A storage shed was rolled over with poles pulled from ground by thunderstorm winds. The time was estimated by radar.				
<b>LAUDERDALE COUNTY --- OLIVER [34.82, -87.25]</b>				
	01/30/13 05:30 CST		0	Thunderstorm Wind (EG 56 kt)
	01/30/13 05:30 CST		0	Source: Emergency Manager
Multiple trees were downed by thunderstorm winds along county roads 564 and 70.				
<b>LAWRENCE COUNTY --- 1.5 SSW MOULTON [34.46, -87.29]</b>				
	01/30/13 05:30 CST		0	Thunderstorm Wind (EG 56 kt)
	01/30/13 05:30 CST		0	Source: Emergency Manager
Thunderstorm winds produced damage to a metal roof just southwest of Moulton, Alabama. The time was estimated by radar.				
<b>MORGAN COUNTY --- 1.5 NNW PUMPKIN CENTER [34.49, -87.09]</b>				
	01/30/13 05:41 CST		0	Thunderstorm Wind (EG 60 kt)
	01/30/13 05:41 CST		0	Source: Amateur Radio
A tree was knocked onto a mobile home on Liberty Road in the Punkin Center area. Additional trees were blown down onto powerlines in this area. The time was estimated by radar.				

## Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CULLMAN COUNTY --- 3.5 W JONES CHAPEL [34.23, -87.11], 1.8 NW JONES CHAPEL [34.24, -87.07]</b>				
	01/30/13 06:04 CST		50K	Tornado (EF1, L: 2.22 mi , W: 300 yd)
	01/30/13 06:06 CST		0	Source: NWS Storm Survey
A tornado crossed the Winston and Cullman county line just south of county road 1043, causing minor tree damage and destroying a barn on county road 1038. The tornado then strengthened to an EF-1 with winds around 90 MPH and destroyed a mobile home along county road 1043 just east of county road 1038. The tornado continued east-northeast, lifting near county road 1047. The survey was conducted by NWS Birmingham since the tornado initially touched down in Winston County.				
<b>MADISON COUNTY --- 2.6 ENE (HSV)HUNTSVILLE JONE [34.65, -86.73]</b>				
	01/30/13 06:05 CST		0	Thunderstorm Wind (EG 60 kt)
	01/30/13 06:05 CST		0	Source: NWS Storm Survey
Six to eight homes in the Lake Forest community had minor to moderate roof/shingle damage due to thunderstorm winds. Portions of a 100-yard long wood fence line were blown over and destroyed. The time was estimated by radar.				
<b>CULLMAN COUNTY --- 1.4 S JONES CHAPEL [34.20, -87.05]</b>				
	01/30/13 06:10 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:10 CST		0	Source: Public
A tree was downed by thunderstorm winds on county road 940. The time was estimated from radar.				
<b>MORGAN COUNTY --- 2.2 NE HARTSELLE [34.45, -86.90]</b>				
	01/30/13 06:20 CST		0	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:20 CST		0	Source: Trained Spotter
A semi truck was blown into a ditch by thunderstorm winds.				
<b>LAUDERDALE COUNTY --- 0.5 S ROGERSVILLE [34.82, -87.28]</b>				
	01/30/13 06:24 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:24 CST		0	Source: Broadcast Media
Power lines were knocked down at Grisham Drive and Lee Street in Rogersville by thunderstorm winds.				
<b>CULLMAN COUNTY --- 1.5 NW JONES CHAPEL [34.23, -87.07]</b>				
	01/30/13 06:27 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:29 CST		0	Source: Broadcast Media
Power lines were knocked down by thunderstorm winds on the roadway at the intersection of county roads 1043 and 1046 near Arkadelphia, Alabama.				
<b>CULLMAN COUNTY --- 0.8 ENE EBENEZER [34.26, -86.92]</b>				
	01/30/13 06:30 CST		5K	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:32 CST		0	Source: Emergency Manager
The roof of a barn was blown away by thunderstorm winds on County Road 1253 near Arkadelphia, Alabama. The time was estimated by radar.				
<b>CULLMAN COUNTY --- 2.3 WNW CULLMAN [34.19, -86.87], 0.9 NNW CULLMAN [34.19, -86.84]</b>				
	01/30/13 06:30 CST		4K	Thunderstorm Wind (EG 52 kt)
	01/30/13 06:32 CST		0	Source: Newspaper
Trees were knocked down by thunderstorm winds onto St Joseph Drive and Scenic Lane in Cullman, Alabama. The time was estimated by radar.				
<b>JACKSON COUNTY --- 1.1 E SECTION [34.58, -85.96]</b>				
	01/30/13 07:35 CST		1K	Thunderstorm Wind (EG 45 kt)
	01/30/13 07:35 CST		0	Source: County Official
The county road department reported a large tree down due to thunderstorm winds onto county road 391 just off off highway 35 near Aspel, Alabama.				
<b>JACKSON COUNTY --- 2.7 NE HIGDON [34.88, -85.60]</b>				
	01/30/13 08:06 CST		0.50K	Thunderstorm Wind (EG 40 kt)
	01/30/13 08:06 CST		0	Source: County Official

## Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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The top of a tree was snapped off by thunderstorm winds and blown onto road near Aspel, Alabama.

A long-lived quasi-linear convective system (QLCS) tracked rapidly eastward across Tennessee through the early morning hours of the 30th. Numerous tornadoes impacted middle Tennessee with this line, and one EF-1 tornado also struck Winston into Cullman Counties in north Alabama. Numerous other reports of thunderstorm wind damage were received. Very strong wind energy aloft was associated with this system along with an unseasonably warm and moist air mass.

**(AL-Z010) DEKALB**

	01/30/13 22:00 CST	3K	High Wind (MAX 39 kt)
	01/30/13 23:59 CST	0	

During the late evening hours of the 30th, strong and gusty winds behind a cold front tore off a portion of a metal roof of a shed and knocked trees down in DeKalb County.

### ALABAMA, Southeast

**(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY**

	01/01/13 00:00 EST	0	Drought
	01/31/13 23:59 EST	0	

Mainly D2 drought conditions persisted through January and into February. D3 drought conditions were present across portions of Henry and eastern Dale counties.

**(AL-Z068) GENEVA, (AL-Z069) HOUSTON**

	01/29/13 00:00 EST	0	Drought
	01/31/13 23:59 EST	0	

D2 drought conditions developed at the end of the month and continued into February across Geneva and Houston counties.

**(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON**

	01/30/13 12:00 EST	5K	Strong Wind (MAX 45 kt)
	01/30/13 18:00 EST	0	

**DALE COUNTY --- DALEVILLE [31.28, -85.72], CLOPTON [31.60, -85.43]**

	01/30/13 13:45 CST	5K	Thunderstorm Wind (EG 55 kt)
	01/30/13 14:15 CST	0	Source: Emergency Manager

Numerous trees were blown down across Dale county. Monetary damage was estimated.

**HENRY COUNTY --- ABBEVILLE [31.56, -85.25], SHORTERVILLE [31.57, -85.10]**

	01/30/13 14:38 CST	5K	Thunderstorm Wind (EG 50 kt)
	01/30/13 15:15 CST	0	Source: Emergency Manager

Trees were blown down across Henry county. Monetary damage was estimated.

**GENEVA COUNTY --- SAMSON [31.11, -86.04], MALVERN [31.13, -85.51]**

	01/30/13 15:10 CST	5K	Thunderstorm Wind (EG 55 kt)
	01/30/13 15:50 CST	0	Source: Emergency Manager

Numerous trees were blown down across much of Geneva county. Monetary damage was estimated.

**DALE COUNTY --- OZARK [31.44, -85.64], ECHO [31.47, -85.45]**

	01/30/13 15:20 CST	5K	Thunderstorm Wind (EG 50 kt)
	01/30/13 15:45 CST	0	Source: Emergency Manager

Additional trees and power lines were blown down with a second round of thunderstorms across Dale county. Monetary damage was estimated.

**HOUSTON COUNTY --- POWER DAM ROAD [31.26, -85.64], LUCY [31.01, -85.04]**

## Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/30/13 15:30 CST		20K	Thunderstorm Wind (EG 55 kt)
	01/30/13 16:35 CST		0	Source: Emergency Manager

There were multiple reports of trees and power lines down across Houston county. One tree fell through a trailer, but no injuries occurred. Monetary damage was estimated.

A strong system affected the area at the end of January with unusually strong wind fields. The 500 mb winds were as high as 110 knots with the upper level trough, and 850 mb winds reached around 70 knots in the local area. These very strong low level winds combined with SBCAPE values of 300-500 j/kg produced widespread straight line wind damage across the area with numerous trees and power lines blown down as a squall line moved through the area. Strong non-convective related winds also occurred ahead of the main line of convection and resulted in a few trees being blown down.

### ALABAMA, Southwest

#### CLARKE COUNTY --- MC ENTYRE [31.82, -87.97]

01/30/13 09:12 CST	10K	Thunderstorm Wind (EG 52 kt)
01/30/13 09:14 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees on Prospect Road near Highway 154.

#### CLARKE COUNTY --- WALKER SPGS [31.53, -87.80]

01/30/13 10:28 CST	10K	Thunderstorm Wind (EG 52 kt)
01/30/13 10:30 CST	0	Source: Emergency Manager

Winds estimated at 60 mph downed trees on Walker Springs Road near Heritage Lane.

#### CLARKE COUNTY --- 0.9 NW MARVIN [31.99, -87.99], 1.4 W MARVIN [31.98, -88.00], 3.0 WSW HOLTAMVILLE [31.96, -87.98], 0.3 NNE MARVIN [31.98, -87.98]

01/30/13 10:40 CST	15K	Flash Flood (due to Heavy Rain)
01/30/13 11:40 CST	0	Source: Emergency Manager

Blacksmith Road near Highway 69 was washed out due to flooding.

Thunderstorms developed ahead of a strong cold front and produced high winds and flooding.