

## Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>(AL-Z020) CHEROKEE</b>				
	12/01/08 00:00 CST		0	Drought
	12/16/08 07:00 CST		0	
Rainfall from several storm systems was enough to finally bring an end to the Severe (D2) Drought that had begun in March of 2007.				
<b>(AL-Z021) CLEBURNE</b>				
	12/01/08 00:00 CST		0	Drought
	12/02/08 07:00 CST		0	
Rainfall from several storm systems was enough to finally bring an end to the Severe (D2) Drought that had begun in March of 2007.				
<b>MARION COUNTY --- 1.4 N BEXAR [34.20, -88.15]</b>				
	12/09/08 21:30 CST		0	Thunderstorm Wind (EG 52 kt)
	12/09/08 21:30 CST		0	Source: Fire Department/Rescue
<b>LAMAR COUNTY --- 1.0 NE DETROIT [34.04, -88.16]</b>				
	12/09/08 21:36 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/09/08 21:36 CST		0	Source: Emergency Manager
Several trees were blown down on AL-17, near the Detroit Community.				
<b>MARION COUNTY --- 0.7 N HAMILTON [34.14, -87.98]</b>				
	12/09/08 22:00 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/09/08 22:00 CST		0	Source: Emergency Manager
Several trees were blown down in Hamilton, and other locations around Marion County.				
<b>LAMAR COUNTY --- 0.8 W CREWS [33.90, -88.14], 0.7 WSW CREWS [33.90, -88.14], 1.2 WSW CREWS [33.89, -88.15], 1.2 WSW CREWS [33.90, -88.15]</b>				
	12/10/08 00:15 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 02:00 CST		0	Source: Emergency Manager
Street flooding, up to one and a half feet deep, was reported on AL-118, west of Sulligent.				
<b>FAYETTE COUNTY --- 1.1 W BERRY [33.65, -87.62]</b>				
	12/10/08 00:25 CST		10K	Thunderstorm Wind (EG 55 kt)
	12/10/08 00:25 CST		0	Source: Emergency Manager
Straight line winds snapped or uprooted several trees southwest of Berry. A few of these trees landed on outbuildings producing significant damage. One mobile home had its roof torn off.				
<b>WALKER COUNTY --- 0.6 ESE OAKMAN [33.72, -87.39], 0.4 NNW COAL VLY [33.73, -87.38]</b>				
	12/10/08 00:43 CST		0.22M	Tornado (EF1, L: 0.75 mi , W: 400 yd)
	12/10/08 00:45 CST		0	Source: NWS Storm Survey
The tornado touched down just west of Jackson Street on the north side of Oakman. It then traveled northeastward, crossed School Street and AL-69, and lifted on Watts Street just east of AL-69. Metal bleachers were twisted and thrown at the Oakman School athletic field, and the concession stand at the ball field was heavily damaged. Oakman Elementary School sustained only light structural damage directly from the tornado. However, rain leaking through the damaged roof and ceiling caused extensive water damage to parts of the school building. Several houses along AL-69 suffered also significant roof damage. Approximately 150 trees were either uprooted or snapped off.				
<b>WALKER COUNTY --- 1.2 N JASPER WALKER CO ARP [33.89, -87.27]</b>				
	12/10/08 00:51 CST		5K	Thunderstorm Wind (EG 55 kt)
	12/10/08 00:51 CST		0	Source: Newspaper
A portion of the roof on a church was torn off, resulting in extensive water damage to the inside of the building. Several ceilings collapsed due to the water damage, and several multimedia equipment items and one electric scooter were also damaged.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WALKER COUNTY --- 3.7 W SIPSEY [33.82, -87.14], 3.2 N SIPSEY [33.87, -87.08]</b>				
	12/10/08 01:01 CST		0.10M	Tornado (EF2, L: 4.66 mi , W: 400 yd)
	12/10/08 01:07 CST		0	Source: NWS Storm Survey
The tornado touched down near the intersection of Snow Drive and Old Pineywoods Road, just north of US-78. It then traveled northeastward and crossed CR-77 and lifted shortly thereafter. One mobile home was totally destroyed and rolled approximately 50 feet. At least two additional mobile homes suffered significant damage. Two chicken houses were damaged. A few hundred trees were either snapped off or were uprooted along the path.				
<b>WALKER COUNTY --- 0.5 N MANCHESTER [33.91, -87.30]</b>				
	12/10/08 01:05 CST		0	Hail (1.00 in)
	12/10/08 01:05 CST		0	Source: Public
<b>BLOUNT COUNTY --- 2.1 N ONEONTA [33.98, -86.47]</b>				
	12/10/08 02:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/10/08 02:30 CST		0	Source: Emergency Manager
A few trees were blown down north of Oneonta, and several other locations in the northern part of Blount County.				
<b>BLOUNT COUNTY --- 1.3 NE HAYDEN [33.89, -86.75]</b>				
	12/10/08 02:40 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/10/08 02:40 CST		0	Source: Emergency Manager
A few trees were blown down near Hayden.				
<b>ST. CLAIR COUNTY --- 1.7 N ACOMAR [33.62, -86.45], 2.2 E BRANCHVILLE [33.65, -86.39]</b>				
	12/10/08 04:34 CST		82K	Tornado (EF1, L: 3.92 mi , W: 300 yd)
	12/10/08 04:40 CST		0	Source: NWS Storm Survey
The tornado touched down near the intersection of US-411, Meyers Road, and Church Road, near the Bethel Baptist Church. It then traveled northeastward and lifted just northeast of AL-174. At least 5 homes suffered extensive roof damage. At least 4 outbuildings were completely destroyed. Approximately 100 trees were either uprooted or snapped off. A glass enclosed sun-room was completely destroyed.				
<b>ETOWAH COUNTY --- 0.2 ENE REECE CITY [34.07, -86.03]</b>				
	12/10/08 04:37 CST		5K	Thunderstorm Wind (EG 45 kt)
	12/10/08 04:37 CST		0	Source: Emergency Manager
A tree fell onto and damaged a house, near the intersection of I-59 and Nocalula Parkway.				
<b>ETOWAH COUNTY --- 2.2 E RAINBOW CITY [33.95, -85.99]</b>				
	12/10/08 04:37 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/10/08 04:37 CST		0	Source: Emergency Manager
Several trees were blown down on Oakland Drive, near Whorton Bend, south of Gadsden.				
<b>ETOWAH COUNTY --- 0.6 NNW EAST GASDEN [34.01, -86.00], 0.7 NNW EAST GASDEN [34.01, -86.01], 0.9 NNW EAST GASDEN [34.01, -86.00], 1.1 ESE GASDEN [34.02, -86.00], 1.1 N EAST GASDEN [34.02, -86.00]</b>				
	12/10/08 05:35 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 06:30 CST		0	Source: Emergency Manager
Several streets were closed on downtown Gadsden, due to high water from heavy rain, including Meighan Drive, 4th Street, and Bay Street.				
<b>PIKE COUNTY --- 0.7 N TROY [31.81, -85.97]</b>				
	12/10/08 07:10 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/10/08 07:10 CST		0	Source: Emergency Manager
Numerous trees were blown down around Troy, and other portions of the county.				
<b>PIKE COUNTY --- 2.5 ESE BRUNDIDGE MUNI ARPT [31.72, -85.76]</b>				
	12/10/08 07:41 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/10/08 07:41 CST		0	Source: Emergency Manager

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Several trees were blown down near Brundidge.				
<b>(AL-Z012) LAMAR, (AL-Z014) WINSTON, (AL-Z047) LEE</b>				
	12/11/08 06:57 CST		75K	Strong Wind (MAX 40 kt)
	12/11/08 09:00 CST		0	
<b>TUSCALOOSA COUNTY --- 1.5 E SAMANTHA [33.42, -87.59], 1.6 E SAMANTHA [33.42, -87.59], 1.6 E SAMANTHA [33.42, -87.59], 1.5 E SAMANTHA [33.42, -87.59]</b>				
	12/11/08 14:27 CST		0	Flash Flood (due to Heavy Rain)
	12/11/08 16:00 CST		0	Source: Emergency Manager
Heavy rain caused water to flow over a bridge on CR-38, east of the Samantha Community.				
<b>WALKER COUNTY --- 0.6 ENE SIPSEY [33.82, -87.07], 0.7 E SIPSEY [33.82, -87.07], 0.5 E SIPSEY [33.82, -87.07], 0.5 ENE SIPSEY [33.82, -87.07]</b>				
	12/11/08 14:27 CST		0	Flash Flood (due to Heavy Rain)
	12/11/08 16:00 CST		0	Source: Emergency Manager
Heavy rain caused water to flow over a bridge near the Sipsey Community.				
<b>MARION COUNTY --- 2.0 NNE HACKLEBURG [34.30, -87.81], 2.2 NNE HACKLEBURG [34.30, -87.80], 2.2 NNE HACKLEBURG [34.30, -87.80], 1.9 NNE HACKLEBURG [34.29, -87.80]</b>				
	12/11/08 14:49 CST		0	Flash Flood (due to Heavy Rain)
	12/11/08 16:00 CST		0	Source: Emergency Manager
Heavy rain caused water to flow over a bridge just north of Hackelburg.				
<b>(AL-Z011) MARION</b>				
	12/11/08 15:00 CST		0	Heavy Snow
	12/11/08 18:30 CST		0	
A developing strong storm system across the Southeastern United States caused several severe thunderstorms and locally heavy rainfall. Cold air surging in on the back side of the storm system caused the rain to turn over to snow, some of which became heavy.				
<b>(AL-Z018) ETOWAH</b>				
	12/18/08 15:10 CST		20K	Dense Fog
	12/18/08 15:10 CST		0	
Locally dense fog on the Coosa River led to a boating accident.				
<b>WALKER COUNTY --- 1.6 SSW MC CULLUM [33.80, -87.34]</b>				
	12/24/08 16:32 CST		5K	Tornado (EF0, L: 0.06 mi , W: 100 yd)
	12/24/08 16:32 CST		0	Source: NWS Storm Survey
The tornado briefly touched down near the intersection of AL-69 and Dutton Hill Road. It damaged 1 carport, 2 sheds, a trailer, and several trees in the area.				
<b>WALKER COUNTY --- 0.9 NNW CORDOVA [33.76, -87.18]</b>				
	12/24/08 16:50 CST		0	Hail (0.88 in)
	12/24/08 16:50 CST		0	Source: Emergency Manager
<b>WALKER COUNTY --- 0.3 S EMPIRE [33.80, -87.00]</b>				
	12/24/08 17:02 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/24/08 17:02 CST		0	Source: Amateur Radio
Several trees were blown down near the intersection of Empire Road and Hill Road.				
<b>ETOWAH COUNTY --- 0.6 N ALTOONA [34.03, -86.32]</b>				
	12/24/08 17:40 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/24/08 17:40 CST		0	Source: Emergency Manager
Several trees were blown down.				

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A cold front pushing through the state brought showers and thunderstorms to portions of Central Alabama, which produced one tornado and isolated wind damage.

### ALABAMA, North

**(AL-Z001) LAUDERDALE, (AL-Z003) FRANKLIN, (AL-Z006) MADISON, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z016) CULLMAN**

12/01/08 00:00 CST	0	Winter Weather
12/01/08 12:00 CST	0	

Cold air behind a strong storm system changed rain over to snow late Sunday night into Monday across portions of northern Alabama. Due to warm ground temperatures, only a dusting to around 1 inch of snow accumulated on grassy surfaces.

**(AL-Z009) JACKSON, (AL-Z010) DEKALB**

12/01/08 00:00 CST	0	Drought
12/15/08 23:59 CST	0	

Very heavy rainfall put an end to drought conditions in Jackson and DeKalb Counties.

**(AL-Z009) JACKSON**

12/01/08 03:00 CST	0	Heavy Snow
12/01/08 12:00 CST	0	

Cold air behind a strong storm system changed rain over to snow late Sunday night into Monday across De Kalb county in northeastern Alabama. Two to three inch accumulations occurred in higher elevations, along with widespread accumulations around 1 inch.

**FRANKLIN COUNTY --- 0.9 SE RED BAY MUNI ARPT [34.44, -88.14]**

12/09/08 21:20 CST	4.50K	Thunderstorm Wind (EG 56 kt)
12/09/08 21:30 CST	0	Source: Law Enforcement

Severe thunderstorm winds knocked down utility poles in the Red Bay area.

**LAWRENCE COUNTY --- 0.9 SE HATTON [34.56, -87.41]**

12/09/08 21:25 CST	1K	Thunderstorm Wind (EG 52 kt)
12/09/08 21:35 CST	0	Source: Law Enforcement

A tree was blown down across highway 101 in the Hatton area near mile marker 2.

**COLBERT COUNTY --- 1.8 NNW CHEROKEE [34.77, -87.98], 1.9 NE CHEROKEE [34.77, -87.95], 1.1 SE CHEROKEE [34.74, -87.96], 1.9 W CHEROKEE [34.74, -88.00]**

12/09/08 21:55 CST	0	Flash Flood (due to Heavy Rain)
12/10/08 07:00 CST	0	Source: Trained Spotter

A trained spotter reported heavy rainfall causing ditches and creeks to flood in and near the city of Cherokee.

**COLBERT COUNTY --- 2.2 SW COLBERT HGTS [34.65, -87.73]**

12/09/08 21:55 CST	3K	Thunderstorm Wind (EG 56 kt)
12/09/08 22:05 CST	0	Source: Law Enforcement

Some trees were blown down by severe thunderstorm winds along Underwood Mountain road near Colbert Heights.

**FRANKLIN COUNTY --- 1.1 W WACO [34.48, -87.67]**

12/09/08 22:00 CST	3K	Thunderstorm Wind (EG 56 kt)
12/09/08 22:10 CST	0	Source: Law Enforcement

Some trees were blown down by severe thunderstorms winds along highway 724 near Russellville. Time estimated by radar.

**LAUDERDALE COUNTY --- 0.4 W WEEDEN HGTS [34.83, -87.63], 0.7 S EAST FLORENCE [34.81, -87.62], 1.4 WSW EAST FLORENCE [34.81, -87.64], 1.1 WNW WEEDEN HGTS [34.83, -87.64]**

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	12/09/08 22:30 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 07:00 CST		0	Source: Trained Spotter

Heavy rainfall caused flash flooding under the overpass of US highway 43 and State highway 20 in Florence.

**LAWRENCE COUNTY --- 1.0 SE FLOWER HILL [34.67, -87.14], 4.3 ESE KIMO [34.49, -87.16], 2.2 N MT HOPE [34.48, -87.48], 2.9 WNW RED BANK [34.78, -87.42]**

12/09/08 22:55 CST	0	Flash Flood (due to Heavy Rain)
12/10/08 07:00 CST	0	Source: Law Enforcement

Heavy rainfall caused flash flooding over portions of highway 101 near Town Creek and Moulton and along portions of county road 222.

**MORGAN COUNTY --- 1.5 WNW MOULTON HGTS [34.61, -87.04], 3.8 SW GRIFFIN ADDITION [34.55, -87.08], 0.2 S ODEN RIDGE [34.37, -86.77], 1.8 SW MORGAN CITY [34.45, -86.59], 2.0 NE HUNTSVILLE LACEYS SP [34.55, -86.57]**

12/09/08 23:15 CST	50K	Flash Flood (due to Heavy Rain)
12/10/08 09:00 CST	0	Source: Newspaper

Four to Six inches of rainfall produced flash flooding on several roads in Morgan County. Some of the roads which were flooded included the followed: Ipsco, Mud Tavern, Gum Springs Cutoff, Ruth Mountain, Foreman Bottom, Six-Mile Creek, Pleasant Valley, Wilson and River Loop. A few of the roads were washed out.

**MADISON COUNTY --- 0.8 WNW MADISON CO JET PORT [34.65, -86.79], 2.4 ENE (HSV)HUNTSVILLE JONE [34.65, -86.73], 1.3 NNE CHASE [34.80, -86.54], 0.7 NE ELKWOOD [34.99, -86.72], 1.3 W ELKWOOD [34.98, -86.75], 1.0 WNW HARVEST [34.86, -86.79]**

12/09/08 23:45 CST	0.12M	Flash Flood (due to Heavy Rain)
12/10/08 07:00 CST	0	Source: NWS Employee

Widespread flash flooding was reported over portions of western and northwestern Madison County. Flood waters were most prevalent in Harvest, Toney, Madison, and central and northern portions of Huntsville. Flood reports began at 11:45 PM on the 9th, lasting into morning rush hour. Roads that experienced significant flash flooding included: Old Railroad Bed road, Ford Chapel Road, Production Road at Huntsville International Airport, Wall Triana Highway, County Line Road, Pulaski Pike, Moores Mill Road near Winchester Road, the intersection of Kelly Springs Road and Bob Wade Lane, and Martin Luther King Jr. Highway. Several vehicles stalled out in flood water around 1:00 AM at the intersection of Nick Fitchard Road and Highway 53. Flood waters forced the evacuation of a trailer park at the intersection of Trademark Drive and James Record Road in Huntsville around 4:25 AM on the 10th. Several cars were underwater at this location. Between 3 and 6 inches of rain fell in these areas in less than 12 hours.

**MADISON COUNTY --- 0.9 N NORMAL [34.79, -86.58]**

12/09/08 23:45 CST	2K	Lightning
12/10/08 00:05 CST	0	Source: Newspaper

Several house fires were sparked by lightning strikes in Huntsville. A transformer was damaged by a direct lightning strike just off Winchester Road in north Huntsville.

**LIMESTONE COUNTY --- 2.1 NNE UNION HILL [35.00, -87.19], 3.7 WSW WHEELER LAKE NORTH [34.81, -87.21], 7.1 WSW WHEELER LAKE NORTH [34.78, -87.26], 7.0 SW WHEELER LAKE NORTH [34.77, -87.25], 4.8 WNW RIPLEY [34.77, -87.20], 1.3 ESE NEW HOPE [34.57, -86.80], 2.9 ESE ARDMORE [34.99, -86.80]**

12/10/08 00:30 CST	0	Flash Flood (due to Heavy Rain)
12/10/08 07:00 CST	0	Source: Law Enforcement

Limestone County 911 center reported flash flooding occurring throughout the entire county, especially in the Belle Mina area.

**CULLMAN COUNTY --- 0.6 N CENTERVILLE [34.29, -86.93]**

12/10/08 00:31 CST	1K	Thunderstorm Wind (EG 56 kt)
12/10/08 00:41 CST	0	Source: Public

Thunderstorm winds knocked down a tree across county road 1261.

**CULLMAN COUNTY --- 1.3 ESE BETHEL [34.19, -86.96]**

12/10/08 00:35 CST	1K	Thunderstorm Wind (EG 56 kt)
12/10/08 00:45 CST	0	Source: Public

Thunderstorm winds snapped a treetop off near a house east southeast of Bethel.

**CULLMAN COUNTY --- 0.2 NNW COLD SPGS [33.98, -87.03]**

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	12/10/08 00:38 CST		1K	Thunderstorm Wind (EG 56 kt)
	12/10/08 00:48 CST		0	Source: Public
Thunderstorm winds knocked down a tree across county road 109.				
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<b>CULLMAN COUNTY --- 4.0 E BREMEN [33.98, -86.90]</b>				
	12/10/08 00:40 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/10/08 00:40 CST		0	Source: Public
Thunderstorm wind knocked down a tree across county road 38.				
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<b>CULLMAN COUNTY --- 5.4 SW GARDEN CITY [33.96, -86.81]</b>				
	12/10/08 00:43 CST		1K	Thunderstorm Wind (EG 52 kt)
	12/10/08 00:53 CST		0	Source: Public
Thunderstorm winds knocked down a tree across highway 91 near the American Protein Plant.				
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<b>COLBERT COUNTY --- 1.1 N TUSCUMBIA [34.75, -87.70], 1.3 N TUSCUMBIA [34.75, -87.70], 0.3 SSE TUSCUMBIA [34.73, -87.70], 0.3 SSW TUSCUMBIA [34.73, -87.70]</b>				
	12/10/08 01:00 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 07:00 CST		0	Source: Trained Spotter
Heavy rainfall produced flash flooding in portions of Tuscumbia. Cave street was officially closed due to flash flooding near Deshler High School.				
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<b>JACKSON COUNTY --- 1.0 SE TUPELO [34.74, -86.07], 2.1 ENE PIKEVILLE [34.77, -86.00]</b>				
	12/10/08 01:02 CST		0.30M	Tornado (EF2, L: 4.46 mi , W: 300 yd)
	12/10/08 01:10 CST		0	Source: NWS Storm Survey
A tornado struck portions of central Jackson county around 1 AM CST Wednesday morning. This tornado initially snapped several cedar trees near county road 21, before toppling three TVA high voltage power line towers near Pikeville Alabama. It then rapidly proceeded northeast snapping trees, collapsing several barns, and ripping off roofs before lifting near the end of county road 34. According to Jackson County Emergency Management, the tornado and adjacent straight-line winds were to blame for up to twenty homes being damaged. Three mobile homes were destroyed and seven more were damaged. Nine barns were destroyed and three were damaged. The maximum wind speed with this tornado was estimated at 125 mph.				
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<b>MARSHALL COUNTY --- 0.4 SSW ARAB [34.32, -86.50]</b>				
	12/10/08 01:10 CST		0	Hail (0.88 in)
	12/10/08 01:15 CST		0	Source: Broadcast Media
Nickel sized hail was reported at the intersection of Highway 231 and Highway 69.				
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<b>MARSHALL COUNTY --- 1.2 SE GRANT [34.52, -86.25]</b>				
	12/10/08 01:10 CST		0	Thunderstorm Wind (EG 50 kt)
	12/10/08 01:12 CST		1K	Source: Newspaper
Thunderstorm winds blew a tree down on a road in Alder Springs and another in Grant. Time estimated.				
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<b>MARSHALL COUNTY --- 2.1 N GUNTERSVILLE [34.36, -86.25]</b>				
	12/10/08 01:10 CST		0	Thunderstorm Wind (EG 50 kt)
	12/10/08 01:12 CST		1K	Source: Newspaper
Thunderstorm winds blew a tree down on a road in Alder Springs and another in Grant. Time estimated.				
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<b>JACKSON COUNTY --- 0.9 NE HOLLYWOOD [34.73, -85.97]</b>				
	12/10/08 01:20 CST		5K	Lightning
	12/10/08 01:20 CST		0	Source: Newspaper
The mayor of the city of Hollywood, also a volunteer fire fighter was knocked down by a lightning strike in front of the City Hall building while preparing to go out on an emergency call. The victim was examined by medical personnel but was found to be not injured. However, a hole was carved out in his office wall.				
<p><b>A warm front pushed northeast from Mississippi into northern Alabama producing widespread rainfall during the afternoon of the 9th.</b></p> <p><b>A squall line then produced another round of heavy rainfall, along with several small bow echoes. One of these stronger bow echoes resulted in an EF-2 tornado in Jackson County after midnight on the 10th.</b></p>				

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Widespread rain amounts of 3 to 5 inches, locally near 6 inches, fell in Madison, Limestone, Morgan, and Lawrence counties resulting in widespread river and local flash flooding.

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**(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE**

	12/11/08 06:30 CST		5K	Strong Wind (MAX 43 kt)
	12/11/08 11:00 CST		0	

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**(AL-Z002) COLBERT**

	12/11/08 09:45 CST		25K	High Wind (MAX 52 kt)
	12/11/08 10:15 CST		0	

Two waves of strong winds damaged trees across northwest Alabama. Saturated soils enabled trees to be uprooted rather easily by sub-severe winds in the 40 to 50 mph range. The first wave of wind around 6:30 AM uprooted a tree in the Athens area, toppling a powerline and knocking out power to 5000 utility customers in the area. The second and more widespread wave of strong winds was produced by a suspected "gravity wave" during the late morning hours, resulting in several reports of tree and power line damage in Colbert and Lauderdale Counties.

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**MADISON COUNTY --- 2.6 W GURLEY [34.70, -86.43], 2.3 SSW GURLEY [34.67, -86.40], 1.0 SSW CHERRYTREE [34.64, -86.45], 1.4 NNW NUNN STORE [34.67, -86.49], 2.0 S MOONTOWN [34.70, -86.47]**

	12/11/08 07:30 CST		0	Flood (due to Heavy Rain)
	12/11/08 23:15 CST		0	Source: Broadcast Media

Moderate to heavy rainfall atop already saturated soils produced renewed flooding on small creeks and streams in central Madison County in and around the Hampton Cove community. Little Cove, Cherry Tree, and Bailey Cove Roads experienced flooding. Little Cove Road was impassible during much of this period.

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**LAUDERDALE COUNTY --- 0.4 NNW LEXINGTON [34.97, -87.37], 2.0 ENE LEXINGTON [34.99, -87.34], 2.0 ESE LEXINGTON [34.95, -87.34], 1.0 SSW LEXINGTON [34.96, -87.38]**

	12/11/08 08:00 CST		0	Flood (due to Heavy Rain)
	12/12/08 13:28 CST		0	Source: Emergency Manager

A second round of heavy rain on the 11th and 12th caused flooding on county road 502, 2 miles east of Lexington.

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**LAUDERDALE COUNTY --- 1.5 NE PRITTON [35.00, -87.60], 0.9 E PRITTON [34.98, -87.61], 2.4 N ZIP CITY [34.99, -87.67], 3.1 WNW PRITTON [35.00, -87.67]**

	12/11/08 08:00 CST		0	Flood (due to Heavy Rain)
	12/12/08 13:28 CST		0	Source: Emergency Manager

A second round of heavy rainfall caused county road 298 to flood in the Zip City area.

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**LAUDERDALE COUNTY --- 3.8 SSE ANDERSON [34.87, -87.23], 0.7 ESE WHITEHEAD [34.88, -87.31], 1.4 NW ANDERSON [34.93, -87.29], 2.4 ESE ANDERSON [34.91, -87.23]**

	12/11/08 08:00 CST		0	Flood (due to Heavy Rain)
	12/12/08 13:28 CST		0	Source: Emergency Manager

A second round of heavy rainfall on the 11th and 12th caused flooding to occur on Turner Lindsey Road.

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**LAUDERDALE COUNTY --- 3.8 SSE ANDERSON [34.87, -87.23], 0.7 ESE WHITEHEAD [34.88, -87.31], 1.4 NW ANDERSON [34.93, -87.29], 2.4 ESE ANDERSON [34.91, -87.23]**

	12/11/08 08:00 CST		0	Flood (due to Heavy Rain)
	12/12/08 13:28 CST		0	Source: Emergency Manager

A second round of heavy rainfall on the 11th through the 12th, caused many roads to be flooded and closed due to high water. A few of these locations in the Anderson area included: county road 524, county road 156, and county road 96.

Widespread heavy rainfall elevated river and stream levels with many going into flood.

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**(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN**

	12/11/08 15:00 CST		0	Heavy Snow
	12/11/08 19:00 CST		0	

## Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Snow fell across a large portion of northwest Alabama during the afternoon and early evening hours. Snow amounts of 1 to 3 inches were reported.

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**LAUDERDALE COUNTY --- 1.7 WSW MURPHY XRDS [34.97, -87.91]**

12/20/08 18:30 CST	70K	Thunderstorm Wind (EG 87 kt)
12/20/08 18:33 CST	0	Source: Emergency Manager

Severe thunderstorm winds knocked down 18 trees and heavily damaged 4 mobile homes. Two mobile homes were blown off their foundation. One roof was torn off. This damage occurred along the 7100 block of County Road 8.

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**MORGAN COUNTY --- 1.5 S HUNTSVILLE LACEYS SP [34.51, -86.60], 1.7 ESE TALUCAH [34.54, -86.65]**

12/20/08 18:30 CST	4K	Thunderstorm Wind (EG 56 kt)
12/20/08 18:45 CST	0	Source: Emergency Manager

Trees were reported down at the intersection of highway 231 and Bell Point Road. Also, trees were reported down near the intersection of Vista lane and Cabbage Patch Drive.

Abundant low level moisture ahead of a strong cold front aided the development of a quasi-linear convective system (QLCS). One of the storms produced heavy damage in northwestern Lauderdale County Alabama.

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**(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z006) MADISON, (AL-Z016) CULLMAN**

12/23/08 07:30 CST	0	Winter Weather
12/23/08 13:00 CST	0	

A strong surface high over the Appalachian mountains kept temperatures at or just below freezing across much of northern Alabama Tuesday morning. At the same time, a strong southerly low level jet developed and lifted Gulf of Mexico moisture northward over this cold air. This caused widespread light freezing rain and sleet to occur in portions of southern middle Tennessee and northern central Alabama. Most locations received a glaze to 1/10 of an inch of icing.

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**COLBERT COUNTY --- 0.6 SSE MUSCLE SHOALS [34.74, -87.67]**

12/24/08 14:25 CST	4K	Thunderstorm Wind (EG 56 kt)
12/24/08 14:29 CST	0	Source: Broadcast Media

Thunderstorm winds partially collapsed an aluminum porch canopy in the Muscle Shoals area on Highland Avenue. Trees were blown down nearby.

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**LAUDERDALE COUNTY --- 0.6 E UPPER GREEN HILL [34.98, -87.49]**

12/24/08 14:26 CST	10K	Thunderstorm Wind (EG 56 kt)
12/24/08 14:30 CST	0	Source: Emergency Manager

Thunderstorm winds tore off a canopy from a porch at a residence in the Hickory Flats neighborhood.

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**LIMESTONE COUNTY --- 1.6 ESE ORRVILLE [34.66, -86.90], 0.8 NNE BELLE MINA [34.66, -86.88]**

12/24/08 15:33 CST	0.20M	Tornado (EF1, L: 1.65 mi , W: 50 yd)
12/24/08 15:35 CST	0	Source: NWS Storm Survey

A tornado tracked through the northern portions of the community of Belle Mina on Christmas Eve. The tornado developed in a forested area just east of interstate 65 north of Garrett Road. It toppled trees onto a vehicle being used by hunters. The tornado tracked through a cotton field for about 1/2 of a mile before intensifying to EF-1 strength and destroying two single wide trailer homes. One was lifted off its foundation entirely with debris found several hundred yards downwind. Fortunately, no occupants were in either location. The tornado then tracked into a farmstead along Mooresville Road, completely destroying two large tractor sheds. Two of the adjacent homes sustained minor damage to the roof. Several cedar and cypress trees were either snapped or uprooted. One tree landed atop a vehicle. No injuries occurred. The tornado then crossed Mooresville Road, uprooting and snapping additional trees, and collapsing a small shed onto vehicles. One wall of an old small farmhouse also collapsed. No occupants were in the home at the time.

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**MADISON COUNTY --- 1.8 WSW REDSTONE AAF [34.67, -86.73]**

12/24/08 15:48 CST	2K	Thunderstorm Wind (EG 52 kt)
12/24/08 15:52 CST	0	Source: Amateur Radio

Severe thunderstorm winds downed trees and caused power outages in the Edgewater subdivision.

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**MADISON COUNTY --- 2.4 WSW FLETCHER CHAPEL [34.72, -86.71]**

12/24/08 15:48 CST	4K	Thunderstorm Wind (EG 56 kt)
12/24/08 15:52 CST	0	Source: Emergency Manager



## Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Thunderstorm winds knocked down large trees along Skyline road.

**A potent cold front pushed across northern Alabama during the afternoon and evening hours. Intense low level shear and weak instability was present along and ahead of this front. A few severe thunderstorms developed along the front. One of the storms produced a bow echo just north of Decatur which resulted in a brief EF-1 tornado within the comma head of the storm in Belle Mina in Limestone county.**

**LAUDERDALE COUNTY --- 0.7 N ZIP CITY [34.96, -87.67]**

12/27/08 23:00 CST	0	Lightning
12/27/08 23:01 CST	1	Source: Emergency Manager

A 28 year old female was struck by lightning while standing on a carport. The person was ambulated to a local hospital.

**A band of showers and thunderstorms produced occasional lightning. A woman in northern Lauderdale County was struck by lightning.**

### ALABAMA, Southeast

**COFFEE COUNTY --- 1.6 ESE MARVIN CHAPEL [31.20, -85.97], 1.7 ESE MARVIN CHAPEL [31.20, -85.96], 1.8 ESE MARVIN CHAPEL [31.20, -85.96], 1.7 ESE MARVIN CHAPEL [31.20, -85.97]**

12/10/08 06:00 CST	5K	Flood (due to Heavy Rain)
12/10/08 12:00 CST	0	Source: Emergency Manager

Three dirt roads were washed out. A portion of County Road 682 was closed with water over a bridge.

**COFFEE COUNTY --- 1.8 ENE ELBA [31.43, -86.04], 2.1 ENE ELBA [31.43, -86.04], 2.1 ENE ELBA [31.43, -86.04], 1.8 ENE ELBA [31.43, -86.04]**

12/10/08 06:00 CST	0	Flood (due to Heavy Rain)
12/10/08 12:00 CST	0	Source: Emergency Manager

A portion of County Road 250 was closed due to high water.

**Four to eight inches of rain fell across much of southeast Alabama from late on the 9th through the 10th. Areal flooding was reported in Coffee County, where several dirt roads were washed out and a few county roads were closed.**

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

12/11/08 03:00 EST	65K	Strong Wind (MAX 45 kt)
12/11/08 06:00 EST	0	

**Strong winds associated with a line of heavy showers produced numerous reports of damage to trees, power lines and several trailers in Coffee, Dale and Henry counties in southeast Alabama.**

### ALABAMA, Southwest

**CRENSHAW COUNTY --- BRANTLEY [31.58, -86.25]**

12/10/08 06:35 CST	20K	Thunderstorm Wind (EG 50 kt)
12/10/08 06:37 CST	0	Source: Emergency Manager

Trees were downed in Brantley and a roof was damaged.

**COVINGTON COUNTY --- 8.0 N FALCO [31.17, -86.62]**

12/10/08 07:25 CST	0	Hail (0.75 in)
12/10/08 07:27 CST	0	Source: Emergency Manager

**Severe thunderstorms moved across southwest Alabama producing wind damage and large hail.**

**ESCAMBIA COUNTY --- 0.3 WSW APPLETON [31.12, -87.07], BREWTON [31.12, -87.07], 0.4 W APPLETON [31.12, -87.08], 0.4 WSW APPLETON [31.12, -87.08]**

12/10/08 07:18 CST	0	Flash Flood (due to Heavy Rain)
12/10/08 10:00 CST	0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BALDWIN COUNTY --- ROBERTSDALE [30.55, -87.72], 0.9 NNE ROBERTSDALE [30.56, -87.72], 0.9 ENE ROBERTSDALE [30.55, -87.71], 0.9 E ROBERTSDALE [30.55, -87.71]</b>				
	12/10/08 07:30 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 10:30 CST		0	Source: Emergency Manager
<b>COVINGTON COUNTY --- ANDALUSIA [31.30, -86.48], 0.8 W ANDALUSIA [31.30, -86.49], 1.8 NW ANDALUSIA [31.32, -86.50], 1.3 NNE ANDALUSIA [31.32, -86.47]</b>				
	12/10/08 07:45 CST		0	Flash Flood (due to Heavy Rain)
	12/10/08 10:30 CST		0	Source: Emergency Manager
<p>Slow moving thunderstorms produced 6 to 8 inches of rain across portions of southwest Alabama. Several roads were flooded and closed for a period of time around Andalusia. Other roads were flooded and closed for a period of time around Brewton and Robertsdale.</p>				
<b>(AL-Z051) CHOCTAW, (AL-Z052) WASHINGTON, (AL-Z053) CLARKE</b>				
	12/11/08 09:00 CST		0	Winter Weather
	12/11/08 18:00 CST		0	
<p>A strong upper level low pressure system moved across the southeast and caused snow showers to develop across parts of southwest Alabama. Most areas received a dusting of snow. A few areas observed around one half inch of snow.</p>				
<b>MONROE COUNTY --- MONROEVILLE [31.52, -87.33]</b>				
	12/24/08 16:10 CST		0.20M	Thunderstorm Wind (EG 61 kt)
	12/24/08 16:12 CST		0	Source: NWS Storm Survey
<p>A Travel Inn on 136 near Highway 184 had the roof blown off by winds estimated at 60-70 mph. A few hundred yards down from the motel a couple of dead trees were blown down. A trailer had its skirting blown out and a limb was blown into to the top of the trailer.</p>				
<b>BALDWIN COUNTY --- BAY MINETTE [30.88, -87.78]</b>				
	12/24/08 17:40 CST		0	Hail (1.00 in)
	12/24/08 17:42 CST		0	Source: Emergency Manager
<p>Severe thunderstorms produced large hail and damaging winds across portions of southwest Alabama.</p>				