

## Storm Data and Unusual Weather Phenomena - October 2008

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

#### (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE

	10/01/08 00:00 CST	0		Drought
	10/31/08 23:59 CST	0		

A typically dry month of October led to the continuation of Severe (D2) Drought conditions for a small portion of northeast Alabama, including portions of Cherokee and Cleburne Counties.

#### (AL-Z029) RANDOLPH, (AL-Z038) CHAMBERS

	10/01/08 00:00 CST	0		Drought
	10/14/08 06:00 CST	0		

A storm system that brought some rainfall to the state in early October helped ease off the Severe (D2) Drought in a portion of East Central Alabama, including Randolph and Chambers Counties, by the middle of the month.

#### WALKER COUNTY --- 3.4 NE ELDRIDGE [33.95, -87.58], 3.8 NE ELDRIDGE [33.96, -87.57]

	10/08/08 04:30 CST	15K		Tornado (EF0, L: 0.48 mi , W: 40 yd)
	10/08/08 04:31 CST	0		Source: Emergency Manager

The tornado touched down near the intersection of Kendrick Road and Dogtown Road, and was on the ground for about a half mile. One chicken house was heavily damaged, two outbuildings suffered minor damage, and several trees were snapped off or uprooted.

#### MARION COUNTY --- 1.9 WNW WINFIELD [33.93, -87.85]

	10/08/08 14:19 CST	0		Tornado (EF0, L: 0.01 mi , W: 20 yd)
	10/08/08 14:19 CST	0		Source: Emergency Manager

A brief tornado touch down was captured on video by several people, near the intersection of CR-27 and CR-69, just west of Winfield. Subsequent inspection of the touch down area revealed no significant damage.

#### MARION COUNTY --- 3.8 WNW THORN HILL [34.19, -87.73]

	10/08/08 15:20 CST	1K		Thunderstorm Wind (EG 35 kt)
	10/08/08 15:20 CST	0		Source: Emergency Manager

Several trees were blown down at the intersection of AL-241 and CR-48.

An upper level trough and associated cold front moving through the southeastern states caused thunderstorms that produced isolated tornadoes in Central Alabama.

### ALABAMA, North

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

	10/01/08 00:00 CST	0		Drought
	10/31/08 23:59 CST	0		

Severe Drought (D2) conditions persisted only in far eastern portions of Jackson and DeKalb Counties.

#### MADISON COUNTY --- 0.2 W MADISON [34.70, -86.77]

	10/07/08 23:16 CST	0		Heavy Rain
	10/08/08 07:45 CST	0		Source: County Official

Two to four inches of rain fell within the Mill Creek Basin in Madison. Mill Road was closed for a short time due to flash flooding with several inches of water over the road.

#### MADISON COUNTY --- 1.5 E HUNTSVILLE [34.73, -86.59]

	10/07/08 23:16 CST	0		Heavy Rain
	10/08/08 09:15 CST	0		Source: Mesonet

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A rain gauge situated along Pinhook Creek at Clinton Avenue in Huntsville measured 4.93 inches of rain in less than 12 hours. Areal rainfall in the Huntsville metro area resulted in significant ponding of water on city and residential streets.

**MADISON COUNTY --- 2.1 SSW CLUTTSVILLE [34.80, -86.78]**

10/07/08 23:16 CST	0	Heavy Rain
10/08/08 07:00 CST	0	Source: COOP Observer

A COCORAHS observer measured 4.11 inches of rainfall in 24 hours. Flash flooding was observed along nearby Knox Creek.

**MADISON COUNTY --- 1.3 WSW NORMAL [34.77, -86.60]**

10/08/08 02:07 CST	2.50K	Lightning
10/08/08 02:12 CST	0	Source: Newspaper

Huntsville utilities reported that lightning caused a power outage in northeast Huntsville affecting 2000 customers. The outage occurred for about 2 hours.

**MADISON COUNTY --- 2.5 SSW HUNTSVILLE MILLS ARP [34.72, -86.57]**

10/08/08 04:55 CST	4K	Thunderstorm Wind (EG 56 kt)
10/08/08 05:05 CST	0	Source: Newspaper

Severe thunderstorm winds knocked down a large tree onto the intersection of Governor's Drive and California street. The tree knocked down a few power lines, which shorted a transformer. This sparked a fire. Power was out in portions of the Medical district for a short time.

**MADISON COUNTY --- 1.5 WNW MADISON [34.71, -86.80], 2.3 SW CLUTTSVILLE [34.81, -86.80], 1.3 SE JEFF [34.81, -86.70], 2.0 E MADISON [34.70, -86.73]**

10/08/08 07:45 CST	5K	Flash Flood (due to Heavy Rain)
10/08/08 10:45 CST	0	Source: Emergency Manager

Intense rainfall produced flash flooding in many locations in the Monrovia and Madison communities. Hardest hit areas were along Knox Creek, Jeff Road in Monrovia, and Mill Road in Madison. High water along Knox Creek flooded garages of up to 5 homes on Tobacco road and Blueberry Dr. Portions of Mill road near Madison City Public Works Department were closed due to flash flooding. Also, along Indian Creek in the Monrovia area, water came up to people's doorsteps along Jeff Road. Flash flooding was also reported on Sanderson Road.

**A slow moving frontal boundary pushed east across northern Alabama on October 8th, 2008. Strong southerly winds from the Gulf of Mexico ahead of the front allowed dewpoints to climb to near 65 degrees. This abundant moisture combined with potent lift (enhanced by a strong wave of low pressure developing along the front) and produced very heavy rainfall and flash flooding in portions of Marshall and Madison counties in northern Alabama. A few isolated severe storms produced straight lined wind damage as well.**

**(AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE**

10/28/08 04:00 CST	0	Frost/Freeze
10/28/08 09:00 CST	0	

Very light winds, no cloud cover, and a high pressure system nosing into northwestern Alabama produced a good radiational cooling situation for strong radiational cooling. With cold and dry air moving in behind a departed cold front, temperatures dropped below freezing for several hours across Lawrence and Franklin counties. Temperatures ranged from 24 or 25 degrees in the coldest locations to around 31 degrees in other locations.

**(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN**

10/28/08 22:24 CST	0	Frost/Freeze
10/29/08 09:00 CST	0	

Very light winds, no cloud cover, and a high pressure system over the Tennessee Valley produced an optimal situation for strong radiational cooling. With cold and dry air in place over the area behind a departed cold front, temperatures dropped below freezing for several hours across northern Alabama as a result. Temperatures ranged from 24 or 25 degrees in the coldest locations to around 31 degrees in other locations.

### ALABAMA, Southeast

**COFFEE COUNTY --- 0.6 WSW ENTERPRISE [31.32, -85.86], 1.3 ENE ENTERPRISE [31.32, -85.83]**

10/08/08 10:54 CST	4M	Tornado (EF1, L: 1.90 mi , W: 150 yd)
10/08/08 11:02 CST	0	Source: NWS Storm Survey

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<p>A tornado touched down just south of the Enterprise Civic Center. It moved to the east-northeast and lifted just east of Boll Weevil Circle near the Walmart. It caused extensive damage to the civic center, with several windows blown out and much of its roof removed. The winds damaged several vehicles outside the Enterprise Senior Center. A building attached to the old Bama Cotton Mill collapsed. More than a hundred homes and businesses were also damaged. Fortunately, no injuries or deaths were reported. The tornado was rated an EF-1 with winds estimated from 100 to 105 mph.</p>				

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<b>DALE COUNTY --- 0.6 WSW (OZR)FT RUCKER AAF [31.33, -85.73], 0.5 ENE (OZR)FT RUCKER AAF [31.33, -85.71]</b>				
	10/08/08 11:15 CST		0.15M	Tornado (EF0, L: 1.10 mi , W: 75 yd)
	10/08/08 11:20 CST		0	Source: NWS Storm Survey

The same supercell which spawned the EF-1 tornado in Enterprise moved to the east-northeast and produced a brief tornado on the southwest side of the Fort Rucker military base, near the intersection of Andrews Ave and Airport Road. It damaged several vehicles and a few homes, and downed numerous trees before it lifted. The tornado was rated an EF-0 with winds estimated from 75 to 80 mph.

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<b>DALE COUNTY --- 5.0 S OZARK [31.38, -85.65], 1.1 NW KLONDYKE HILL [31.39, -85.61]</b>				
	10/08/08 11:25 CST		50K	Tornado (EF0, L: 2.43 mi , W: 75 yd)
	10/08/08 11:33 CST		0	Source: NWS Storm Survey

The parent supercell which spawned the EF-0 and EF-1 tornadoes, produced another tornado about 5 miles south of Ozark near Logan Road, where it tore the roof off a barn and a home. It then moved east-northeast toward State Road 123 before lifting. The tornado was rated an EF-0 with winds estimated at 80 mph.

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<b>HOUSTON COUNTY --- 3.0 N WICKSBURG [31.24, -85.63], 2.8 N HOLLIS DAIRY [31.28, -85.58]</b>				
	10/08/08 12:05 CST		75K	Tornado (EF0, L: 3.95 mi , W: 75 yd)
	10/08/08 12:14 CST		0	Source: NWS Storm Survey

A fast-moving supercell spawned a tornado just north of U.S. Highway 84 near the intersection of State Road 123, where it destroyed a barn. It then moved to the northeast, and damaged a few vehicles at an auto dealership and uprooted some trees near the Dale-Houston county line. It crossed from western Houston County into southeastern Dale County, and remained on the ground for nearly a mile before lifting. The tornado was rated an EF-0.

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<b>DALE COUNTY --- 1.1 ESE PINCKARD [31.31, -85.53], 1.3 ESE PINCKARD [31.32, -85.53]</b>				
	10/08/08 12:17 CST		0	Tornado (EF0, L: 0.36 mi , W: 50 yd)
	10/08/08 12:18 CST		0	Source: NWS Storm Survey

The same supercell that spawned the tornado north of Wicksburg in western Houston County produced a brief EF-0 tornado just east of Pinckard in southeastern Dale County. No damage was reported.

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<b>HENRY COUNTY --- 5.4 W CAPPS [31.49, -85.41], 5.0 W CAPPS [31.50, -85.40]</b>				
	10/08/08 12:33 CST		75K	Tornado (EF0, L: 0.44 mi , W: 75 yd)
	10/08/08 12:38 CST		0	Source: NWS Storm Survey

The supercell responsible for the Coffee and Dale county tornadoes spawned its last tornado near the Dale-Henry County line north of State Road 27. It damaged a home. The carport attached to the home was destroyed, with debris scattered over several acres. The tornado lifted a few minutes later. The tornado was rated an EF-0 with winds estimated at 85 mph.

**Several lines of strong to severe thunderstorms formed ahead of a cold front and strong low pressure system over southern Alabama and the Florida Panhandle, and moved into portions of southeast Alabama during the afternoon of the 8th.**

### ALABAMA, Southwest

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<b>BALDWIN COUNTY --- 1.5 WNW GULF SHRS [30.28, -87.70], 2.5 SSW GULF SHRS [30.25, -87.70], 0.7 ESE ORANGE BEACH [30.28, -87.56], 1.5 N ORANGE BEACH [30.30, -87.57]</b>				
	10/07/08 04:45 CST		0	Flash Flood (due to Heavy Rain)
	10/07/08 08:00 CST		0	Source: Emergency Manager

**Heavy rains fell along the coast during the early morning hours causing street flooding. Several roads were closed due to high water between Gulf Shores and Orange Beach. Rainfall estimates of 6-8 inches were received.**

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<b>COVINGTON COUNTY --- 2.0 SW ANDALUSIA [31.28, -86.50]</b>				
	10/08/08 08:45 CST		10K	Thunderstorm Wind (EG 50 kt)
	10/08/08 08:47 CST		0	Source: Emergency Manager

Thunderstorm winds blew down several trees near Pleasant Home.

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COVINGTON COUNTY --- 4.8 NNW WATKINS BRIDGE [31.14, -86.47], 4.8 S LIBERTYVILLE [31.16, -86.45]				
	10/08/08 09:25 CST		50K	Tornado (EF0, L: 1.89 mi , W: 50 yd)
	10/08/08 09:29 CST		0	Source: NWS Storm Survey

A weak tornado first set down just southwest of Red Oak, blowing down several trees. The tornado continued through the woods and damaged a couple of residences near U. S. Highway 55. Tin was blow off a shed and was found a couple hundred yards northwest of Highway 55. The tornado continued across Highway 55 and dissipated just northwest of Highway 55. No injuries occurred.

**A couple of severe thunderstorms caused damage in Covington. One of the storms produced a small tornado.**