

## Storm Data and Unusual Weather Phenomena - October 2011

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

(AL-Z021) CLEBURNE, (AL-Z025) SHELBY, (AL-Z027) TALLADEGA, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z033) PERRY, (AL-Z034) BIBB, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z040) DALLAS, (AL-Z042) LOWNDES, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR

10/01/11 00:00 CST	0	Drought
10/31/11 23:59 CST	0	

Below average rainfall occurred across central Alabama during the month, offering no relief to drought stricken areas. Extreme drought conditions were felt in locations to the right of a line from near Louisville to Society Hill to Troy, and then continuing from Near Fort Deposit to White Hall to Sprott to Montevallo to Sylacauga to Graham. Meanwhile, Severe drought conditions were felt in locations to the right of a line from near Macedonia to Newbern to Mertz to Maylene to Childersburg to South of Fruithurst.

#### LEE COUNTY --- 0.6 WSW SALEM [32.60, -85.24]

10/13/11 11:29 CST	2K	Thunderstorm Wind (EG 50 kt)
10/13/11 11:29 CST	0	Source: Emergency Manager

Trees and powerlines were blown down near the Salem area.

The combination of an upper level trough and a surface cold front produced showers and thunderstorms across central Alabama on October 13th. As the cold front moved into the more unstable air over the eastern portion of the area, a thunderstorm became severe, producing isolated damaging straight line winds.

### ALABAMA, North

#### LAUDERDALE COUNTY --- 0.6 W FLORENCE [34.80, -87.68]

10/18/11 14:50 CST	1K	Thunderstorm Wind (EG 43 kt)
10/18/11 14:55 CST	0	Source: Trained Spotter

The top half of a tree was knocked down through a fence in the downtown Florence area. Hail up to one half inch was reported in the same general area.

A broken line of strong thunderstorms developed along a cold front moving east into the Tennessee Valley. Ahead of the front, warm (temperatures in the 70s) and moist air (dew points in the lower to mid 60s) was present, lending to a slightly unstable air mass.

#### (AL-Z003) FRANKLIN

10/21/11 01:00 CST	0	Frost/Freeze
10/21/11 07:00 CST	0	

Temperatures dipped into the upper 20s to around 30 for at least 3 hours just before sunrise in portions of northwest Alabama.

#### (AL-Z006) MADISON

10/29/11 03:00 CST	0	Frost/Freeze
10/29/11 07:00 CST	0	

Temperatures dipped into the upper 20s at a few locations in northern Alabama on the morning of the 29th.

#### (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

10/30/11 03:00 CST	0	Frost/Freeze
10/30/11 07:00 CST	0	

Temperatures dipped into the upper 20s at a few locations in northern Alabama on the morning of the 30th.

### ALABAMA, Southeast

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

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	10/01/11 00:00 EST		0	Drought
	10/31/11 23:59 EST		0	

October started with D2-D3 drought conditions (severe to extreme) across most of southeast Alabama. Coffee county started the month with slightly improved conditions at D1-D2 status (moderate to severe). By the end of the month, D2-D3 drought conditions were present across all of southeast Alabama, and these conditions persisted into November.