

## Storm Data and Unusual Weather Phenomena - September 2010

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

(AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z043) ELMORE, (AL-Z045) MACON, (AL-Z047) LEE, (AL-Z049) PIKE

09/14/10 00:00 CST	0	Drought
09/30/10 23:59 CST	0	

A persistent dry weather pattern across Central Alabama and the Southeast U.S. has brought a return of moderate to severe drought conditions to East Central Alabama. The U.S. drought monitor indicated severe drought conditions existed to the right of a line from Wedowee to Roanoke to Lafayette to Wetumpka to Lake Mitchell to Ashland to Wedowee. Moderate drought conditions were found over remaining areas to the east of a line from Ft. Deposit to Clanton to Childersburg to Heflin. Most remaining areas in Central Alabama were abnormally dry.

(AL-Z049) PIKE, (AL-Z050) BARBOUR

09/14/10 00:00 CST	0	Drought
09/27/10 23:59 CST	0	

Localized but heavy rainfall across Southeastern Alabama brought relief to Pike and Barbour Counties. Between one and four inches of rainfall accumulated in Pike and Barbour counties.

(AL-Z027) TALLADEGA, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z041) AUTAUGA, (AL-Z042) LOWNDES, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z050) BARBOUR

09/21/10 00:00 CST	0	Drought
09/30/10 23:59 CST	0	

A persistent mostly dry weather pattern across Central Alabama during the past week worsened and expanded drought conditions. The U.S. drought monitor indicated extreme drought conditions to the right of a line from Wadley to Opelika to shorter to Wetumpka to Alexander City to Wadley. Severe drought conditions were found to the South and East of a line from near Ft. Deposit to Autaugaville to Billingsley to Sylacauga to Wedowee. Moderate drought conditions were found to the South and East of a line from Linden to Marion to Gordo to Addison to Springville to Anniston to Fruithurst. Remaining areas in Central Alabama were abnormally dry.

ETOWAH COUNTY --- 0.7 S REESEVILLE [34.04, -86.03]

09/27/10 14:05 CST	0	Hail (1.00 in)
09/27/10 14:05 CST	0	Source: Fire Department/Rescue

A strong shower with little in the way of lightning produced hail, described as soft hail, just north of Gadsden.

Heavy showers were enhanced by afternoon heating.

### ALABAMA, North

MARSHALL COUNTY --- 0.7 W MOUNTAIN GAP [34.37, -86.41]

09/11/10 15:50 CST	0	Thunderstorm Wind (EG 52 kt)
09/11/10 15:55 CST	0	Source: Emergency Manager

A 70 year old large tree was knocked down onto a trailer along Union Grove Road. Another large tree was blown into a barn and garage.

An isolated thunderstorm knocked two large trees down near Union Grove.

(AL-Z003) FRANKLIN

09/18/10 08:00 CST	0.10M	Wildfire
09/22/10 23:00 CST	0	

A period of very dry and hot weather led to numerous mostly small grass fires across north Alabama. One of these grass fires became larger on the weekend of the 18th - 20th in Franklin county charring between 250 and 300 acres of land alone. Another fire burned several acres in the Gurley area as well.

(AL-Z002) COLBERT

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	09/20/10 11:00 CST		0	Heat
	09/21/10 15:00 CST		0	

The high temperature in Muscle Shoals reached 100 degrees on the 20th and 21st. The high temperature of 100 on the 21st broke the old record of 98 degrees set in 1925.

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### MARSHALL COUNTY --- 0.6 E BOAZ [34.20, -86.16]

09/21/10 12:33 CST	20K	Thunderstorm Wind (EG 52 kt)
09/21/10 12:38 CST	0	Source: Newspaper

A large sign was blown down onto a car on Mill Street in Boaz at a shopping complex. Tree limbs and power lines were knocked down along Highway 168 and other parts of Boaz which knocked out power to traffic signals. This prompted city police and officials to direct traffic and clear city streets. Witnesses remarked that the winds lasted only a brief period, a minute or less. Time estimated by radar.

An isolated thunderstorm knocked trees and powerlines down in Boaz. A sign was also blown down onto a car at a local dealership.

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### ALABAMA, Southeast

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

09/14/10 00:00 EST	0	Drought
09/30/10 23:59 EST	0	

Severe drought conditions (D2) developed across southeast Alabama with prolonged dry conditions. The state of Alabama declared a fire alert due to the dry conditions on September 23rd. This drought continued into October.