

Storm Data and Unusual Weather Phenomena - November 2007

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

(AL-Z011) MARION, (AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z026) ST. CLAIR, (AL-Z027) TALLADEGA, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z030) SUMTER, (AL-Z031) GREENE, (AL-Z032) HALE, (AL-Z033) PERRY, (AL-Z034) BIBB, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z039) MARENGO, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (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				
	11/01/07 00:00 CST		0	Drought
	11/30/07 23:59 CST		0	

Drought conditions continued across most of Central Alabama through the month of November, despite the rainfall received from several storm systems that brought some showers and thunderstorms to the state. By the end of the month, roughly three-quarters of Central Alabama was considered to be in Exceptional Drought (D4), with the remainder in Moderate (D1) to Extreme (D3) Drought.

Agricultural, hydrologic, and sociological impacts continued to be widely felt. The rainfall that did occur in November came too late to help many crops. The majority of livestock and pasture conditions remained poor to very poor. The dry weather also hampered the planting of winter crops, due to very dry and hard soils. Although rainfall during the month produced some very minor rises on area rivers and reservoirs, most continued to be much below normal with serious negative impacts continuing. Pool levels on some reservoirs were at or near record low levels. Some of the most serious impacts continued on the Coosa and Tallapoosa Rivers. Navigation on the Alabama River below Montgomery was adversely impacted by low river stages. The threat of water shortages for municipal water systems persisted, and most water restriction plans already in place continued.

CHEROKEE COUNTY --- 0.6 WNW PINE GROVE [34.03, -85.71]

11/22/07 03:00 CST	10K	Thunderstorm Wind (EG 50 kt)
11/22/07 03:00 CST	0	Source: Law Enforcement

Several trees were blown down and grain bins were damaged, in the Pine Grove Community.

A line of thunderstorms caused an isolated severe thunderstorm in northeast Alabama.

WINSTON COUNTY --- HALEYVILLE [34.23, -87.62]

11/13/07 14:47 CST	1K	Thunderstorm Wind (EG 26 kt)
11/13/07 14:47 CST	0	Source: Law Enforcement

Winds estimated at 30 mph caused tree branches to fall on and down some power lines. The winds were accompanied by pea sized hail.

LAMAR COUNTY --- 2.2 NE MILLPORT [33.59, -88.06]

11/13/07 17:47 CST	2K	Thunderstorm Wind (EG 50 kt)
11/13/07 17:47 CST	0	Source: Emergency Manager

Several trees were blown down on Mount Pleasant Church Road, in the southern part of Lamar County.

A cold front brought isolated severe thunderstorms to West Central Alabama.

ALABAMA, North

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN				
	11/01/07 00:00 CST		0	Drought
	11/30/07 23:59 CST		0	

November was yet another dry month for the Central Tennessee Valley. Rainfall totals were generally between 2 and 3 inches areawide, except in a thin strip from Russellville to Courtland to North Huntsville to north of Scottsboro, where rainfall totals of 3 to 5 inches were realized. These totals were still below normal areawide, however, so there was little relief to the ongoing historic drought.

Drought conditions were little changed during the month of November. The only change occurred in the Shoals region, west of an Athens to Moulton line, where about a one category improvement in the U.S. Drought Monitor occurred between the end of October and the end of November.

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MADISON COUNTY --- 1.1 E MADISON [34.70, -86.75], 1.9 SE (HSV)HUNTSVILLE JONE [34.61, -86.75]				
	11/14/07 19:40 CST		0	Thunderstorm Wind (EG 55 kt)
	11/14/07 19:40 CST		0	Source: Emergency Manager
Winds from a severe thunderstorm knocked down several trees and powerlines, which produced widespread power outages in the cities of Madison and Triana.				
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MADISON COUNTY --- 2.0 ESE HUNTSVILLE [34.72, -86.59]				
	11/14/07 19:40 CST		0	Thunderstorm Wind (EG 55 kt)
	11/14/07 19:40 CST		0	Source: Broadcast Media
Severe thunderstorm winds blew trees down on Vanderbilt Road near Huntsville High School.				
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MADISON COUNTY --- 0.6 E OWENS XRDS [34.58, -86.46]				
	11/14/07 19:55 CST		1M	Thunderstorm Wind (EG 55 kt)
	11/14/07 19:55 CST		0	Source: Broadcast Media

Severe thunderstorm winds ripped a quality metal roof off a building on Old Cove Road near Green Mountain and blew it 800 feet.

A strong cold front pushed southeast into northern Alabama during the afternoon and evening hours. Very moist air and limited instability ahead of the front produced severe thunderstorms with straight line wind damage.