

Storm Data and Unusual Weather Phenomena - September 2008

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

(AL-Z020) CHEROKEE

	09/01/08 00:00 CST		0	Drought
	09/30/08 23:59 CST		0	

Abnormally dry conditions through the month of September led to the continuation of Severe (D2) Drought conditions for a small portion of northeast Alabama, including Cherokee County.

TALLADEGA COUNTY --- 2.0 ESE RAHATCHIE [33.21, -86.30]

	09/08/08 14:37 CST		1K	Thunderstorm Wind (EG 35 kt)
	09/08/08 14:37 CST		0	Source: Emergency Manager

A few power lines were blown down on Old Sylacauga Highway, by winds estimated around 40 mph.

ST. CLAIR COUNTY --- 0.3 ESE SPRINGVILLE [33.77, -86.47]

	09/08/08 15:00 CST		2K	Thunderstorm Wind (EG 39 kt)
	09/08/08 15:00 CST		0	Source: Emergency Manager

Trees were blown down at several locations across St. Clair County, including Pell City, Cook Springs, Springville, and Odenville.

ETOWAH COUNTY --- 0.5 S NOCCALULA FALLS [34.04, -86.02]

	09/08/08 15:48 CST		0	Lightning
	09/08/08 15:48 CST	1	0	Source: Emergency Manager

One person was struck by lightning on Tabor Cut-off Road, near Noccalula Falls.

ETOWAH COUNTY --- 0.5 S NOCCALULA FALLS [34.04, -86.02]

	09/08/08 16:00 CST		2K	Thunderstorm Wind (EG 39 kt)
	09/08/08 16:00 CST		0	Source: Emergency Manager

Trees were blown down at several locations in the north side of Gadsden, by winds estimated around 45 mph.

ELMORE COUNTY --- 0.8 NNE MILLBROOK [32.49, -86.37]

	09/08/08 16:25 CST		1K	Thunderstorm Wind (EG 30 kt)
	09/08/08 16:25 CST		0	Source: Amateur Radio

A few trees were blown down around Millport and Coosada, by winds estimated around 35 mph.

An advancing cold front, pushing down from the north, helped set off thunderstorms across Central Alabama, some of which became quite strong.

(AL-Z021) CLEBURNE, (AL-Z029) RANDOLPH, (AL-Z038) CHAMBERS

	09/30/08 06:00 CST		0	Drought
	09/30/08 23:59 CST		0	

Abnormally dry conditions through the month of September led to the expansion of Severe (D2) Drought conditions into portions of Cleburne, Randolph, and Chambers Counties by the end of the month. Most of the remainder of central Alabama was placed in Moderate (D1) Drought at the same time.

ALABAMA, North

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

	09/01/08 00:00 CST		0	Drought
	09/30/08 23:59 CST		0	

September turned out to be an extremely dry month. High pressure dominated the weather most of the month, with the only substantive rainfall occurring in the first week of September. Even then, the heaviest rain from that event occurred just west of the area. Due to the very dry airmass, high temperatures were above normal, and low temperatures were below normal for most of the

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month.

Drought conditions were generally status-quo during the month. Although there was still some residual improvement from Fay early in the month, this was wiped out by the end of September due to the resumption of dry conditions. This left D2 /Severe Drought/ in Jackson and DeKalb Counties.

MADISON COUNTY --- 1.8 WSW HUNTSVILLE MILLS ARP [34.74, -86.58]

09/08/08 17:30 CST	09/08/08 17:35 CST	0.50K	0	Thunderstorm Wind (EG 43 kt) Source: Utility Company
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A large tree top was snapped off on Beirne Street and fell across power lines, resulting in power outages in northern and northeastern Huntsville.

Unstable conditions and dry air aloft aided widely scattered and strong thunderstorm development during the afternoon hours. These strong storms moved northward across Marshall, Jackson, and De kalb counties in northern Alabama. The strongest storm affected Madison county and produced some minor wind damage, which led to power outages in north Huntsville.

ALABAMA, Southeast

HENRY COUNTY --- HEADLAND [31.35, -85.35]

09/15/08 15:45 CST	09/15/08 15:45 CST	0	0	Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
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A few trees were blown down in Headland.

An afternoon thunderstorm on the 15th downed a few trees in the Headland area.

ALABAMA, Southwest

(AL-Z061) UPPER MOBILE, (AL-Z062) UPPER BALDWIN, (AL-Z063) LOWER MOBILE, (AL-Z064) LOWER BALDWIN

09/01/08 00:00 CST	09/01/08 12:00 CST	0	0	Tropical Storm
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Hurricane Gustav brought tropical storm force winds to the coastal areas of southwest Alabama on September 1.

(AL-Z061) UPPER MOBILE, (AL-Z063) LOWER MOBILE, (AL-Z064) LOWER BALDWIN

09/01/08 05:00 CST	09/01/08 20:00 CST	4.50M	0	Storm Surge/Tide
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Gustav moved south and west of the Alabama coastal waters bringing high surge values.

BALDWIN COUNTY --- 1.0 N ELBERTA [30.43, -87.60]

09/01/08 12:05 CST	09/01/08 12:07 CST	20K	0	Tornado (EF0, L: 0.10 mi , W: 30 yd) Source: Emergency Manager
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A weak tornado briefly touched down just north of Elberta. The tornado blew down a couple of trees and a trailer home had roof damage.

BALDWIN COUNTY --- LILLIAN [30.40, -87.45]

09/02/08 08:00 CST	09/02/08 08:02 CST	0	0	Funnel Cloud Source: Emergency Manager
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Funnel cloud reported over Lillian.

BALDWIN COUNTY --- 4.0 E ROSINTON [30.62, -87.61]

09/02/08 09:15 CST	09/02/08 09:18 CST	0	0	Funnel Cloud Source: Emergency Manager
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Several funnel clouds reported over the Wilcox Road Exit on I-10.

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Outer rainbands from Hurricane Gustav produced a weak tornado and several funnel clouds across extreme southwest Alabama.

BALDWIN COUNTY --- 0.6 NW MONTROSE [30.58, -87.91], 3.1 SW STOCKTON [30.96, -87.88], 7.0 NE ROSINTON [30.70, -87.61], 0.4 NW LILLIAN [30.40, -87.45]

09/01/08 15:30 CST		5K	Flash Flood (due to Heavy Rain)
09/01/08 22:00 CST		0	Source: Emergency Manager

Heavy rains from Gustav brought flooding to most of the county. The heavy rains began around mid day and lasted into the evening. Rainfall estimates of 4-6 inches were widespread across the county with isolated areas receiving more. The Loxley area measured a total of 8.40 inches of rain and Robertsdale measured 7.46 inches. Many streets had standing water in them and had to be closed for several hours due to high water.

MOBILE COUNTY --- 3.1 WNW PIERCIE [30.77, -88.42], 12.2 WNW CITRONELLE [31.13, -88.43], 0.7 ESE MT VERNON [31.06, -88.02], 1.1 NE MOBILE AEROSPACE ARP [30.64, -88.06]

09/01/08 15:30 CST		0.25M	Flash Flood (due to Heavy Rain)
09/01/08 22:00 CST		0	Source: Emergency Manager

Heavy rains from Gustav brought flooding to generally the north and east parts of Mobile county. The heavy rains began around mid day and lasted into the evening. Rainfall estimates of 6-8 inches were widespread across the area. Many streets had standing water in them and had to be closed for several hours due to high water. The heaviest rains occurred in downtown Mobile and near Saraland. Heavy rains along with storm surge caused Bayou Sara in Saraland to reach the second highest reading in over ten years. The water forced several people along the bayou to evacuate.

WASHINGTON COUNTY --- 3.1 SW ESCATAWPA [31.25, -88.44], 5.0 SSW COPELAND CO [31.50, -88.45], 1.9 E HAWTHORN [31.33, -88.05], 0.7 NE CALVERT [31.16, -88.01]

09/01/08 15:30 CST		4K	Flash Flood (due to Heavy Rain)
09/01/08 22:00 CST		0	Source: Emergency Manager

Heavy rains from Gustav brought flooding to generally the southwest part of Washington county. The heavy rains began around mid day and lasted into the evening. Rainfall estimates of 6-8 inches were widespread across the southwest part of the county. Many streets had standing water in them and had to be closed for several hours due to high water.

Gustav brought heavy rains to the area and caused many roads to flood and they had to be closed for several hours due to high water.

(AL-Z063) LOWER MOBILE

09/11/08 08:00 CST		0	Tropical Storm
09/11/08 12:00 CST		0	

Ike brought tropical storm force winds to the coastal waters of coastal Alabama from near the coast to 60 miles offshore.

(AL-Z063) LOWER MOBILE, (AL-Z064) LOWER BALDWIN

09/11/08 09:00 CST		1M	Storm Surge/Tide
09/12/08 12:00 CST		0	

As Ike moved south of the area, high astronomical tide along with storm surge brought flooding to the immediate coastal area.