

Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
(AL-Z029) RANDOLPH, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (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				
	02/01/12 00:00 CST	0		Drought
	02/29/12 23:59 CST	0		
<p>Periodic rains fell across the northern portion of central Alabama during the first part of February, however below normal rainfall fell across the southeast. This led to drought conditions persisting during the first half of February and worsening for the latter part of the month. Drought conditions continued for Barbour, Russell, Pike, Lowndes, Randolph, Elmore, Chambers, Lee, Bullock, Macon, Tallapoosa, and Montgomery counties.</p>				
CHAMBERS COUNTY --- 1.5 NNW FAIRVIEW [32.87, -85.21]				
	02/24/12 07:48 CST	0		Thunderstorm Wind (EG 50 kt)
	02/24/12 07:48 CST	0		Source: Public
<p>Several trees were snapped and one utility building was overturned in the city of Lanett.</p>				
LOWNDES COUNTY --- 0.9 SE COLLIRENE [32.17, -86.82]				
	02/24/12 09:18 CST	0		Hail (0.88 in)
	02/24/12 09:18 CST	0		Source: Emergency Manager
LOWNDES COUNTY --- 4.1 W HAYNEVILLE [32.18, -86.67]				
	02/24/12 09:19 CST	0		Hail (0.75 in)
	02/24/12 09:19 CST	0		Source: Emergency Manager
LOWNDES COUNTY --- 1.2 E HAYNEVILLE [32.18, -86.58]				
	02/24/12 09:30 CST	0		Thunderstorm Wind (EG 50 kt)
	02/24/12 09:30 CST	0		Source: Emergency Manager
<p>Several large trees were blown down, blocking US Highway 21.</p>				
LOWNDES COUNTY --- 1.2 E HAYNEVILLE [32.18, -86.58]				
	02/24/12 09:31 CST	0		Hail (1.00 in)
	02/24/12 09:31 CST	0		Source: Emergency Manager
LOWNDES COUNTY --- 3.0 ESE DAVENPORT [32.12, -86.45]				
	02/24/12 09:45 CST	0		Thunderstorm Wind (EG 50 kt)
	02/24/12 09:45 CST	0		Source: State Official
<p>Several trees were uprooted near Interstate 65.</p>				
DALLAS COUNTY --- 2.7 SW CRUMPTONIA [32.19, -87.31]				
	02/24/12 09:53 CST	0		Hail (1.00 in)
	02/24/12 09:53 CST	0		Source: Public
AUTAUGA COUNTY --- 2.8 SSW INDEPENDENCE [32.49, -86.73]				
	02/24/12 10:24 CST	0		Hail (1.00 in)
	02/24/12 10:24 CST	0		Source: Public
AUTAUGA COUNTY --- PINE LEVEL [32.58, -86.47]				
	02/24/12 10:36 CST	0		Hail (0.88 in)
	02/24/12 10:36 CST	0		Source: Public

A cold front moved across the State of Alabama during the morning hours of February 24th, producing a line of storms along the front. In the southeast portion of central Alabama, breaks in cloud cover after the sun had risen, allowed for the atmosphere to destabilize out ahead of the front. This caused the line of storms to intensify, creating isolated severe thunderstorms in portions of the southeast. Sporadic tree damage and hail of up to 1 inch was reported in several counties.

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ALABAMA, North

LIMESTONE COUNTY --- 2.1 WSW CAPSHAW [34.76, -86.83]

	02/22/12 17:30 CST	0	0	Hail (0.88 in)
	02/22/12 17:33 CST	0	0	Source: Fire Department/Rescue

Nickel sized hail was reported at the intersection of East Limestone Road and U.S. Highway 72.

JACKSON COUNTY --- PISGAH [34.68, -85.85]

	02/22/12 18:55 CST	0	0	Hail (0.88 in)
	02/22/12 18:58 CST	0	0	Source: Public

Nickel sized hail was reported.

A band of strong thunderstorms developed during the late afternoon hours associated with a quick moving upper air disturbance. A moderately high shear and low instability environment supported supercell structure and small hail. One of the storms reached just below severe limits and produced small hail from eastern Limestone through central Madison and southern Jackson Counties.

ALABAMA, Southeast

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

	02/01/12 00:00 EST	0	0	Drought
	02/29/12 23:59 EST	0	0	

D3 drought conditions (extreme) continued across most of southeast Alabama through the month of February and into March. An area of D4 (exceptional) drought conditions was present across Dale, Henry, and Houston counties. In Geneva county, conditions improved to D2 status (severe) by the end of the month.

DALE COUNTY --- OZARK [31.44, -85.64]

	02/18/12 18:07 CST	0	0	Hail (1.00 in)
	02/18/12 18:07 CST	0	0	Source: Trained Spotter

A trained spotter reported quarter sized hail in Ozark.

DALE COUNTY --- OZARK [31.44, -85.64]

	02/18/12 18:07 CST	5K	0	Thunderstorm Wind (EG 50 kt)
	02/18/12 18:07 CST	0	0	Source: Emergency Manager

A few trees and power lines were blown down around Ozark. Monetary damage was estimated.

HOUSTON COUNTY --- DOTHAN [31.22, -85.39]

	02/18/12 18:28 CST	3K	0	Thunderstorm Wind (EG 55 kt)
	02/18/12 18:28 CST	0	0	Source: Trained Spotter

A trained spotter reported large oak trees snapped in half around Dothan. Monetary damage was estimated.

GENEVA COUNTY --- 0.7 SSW GENEVA MUNICIPAL ARPT [31.04, -85.87]

	02/19/12 00:20 CST	0	0	Heavy Rain
	02/19/12 00:20 CST	0	0	Source: River/Stream Gage

A 24 hour storm total of 3.40 inches was measured at the Choctawhatchee river gauge near Geneva at Highway 52. The department of highways also reported about 2 to 3 inches of water on Magnolia Avenue near the Walmart and over North Merritt around Geneva.

A relatively strong area of low pressure moved through the region during the evening of February 18th and into the overnight hours. Widespread convection with some severe storms and areas of heavy rain accompanied this low pressure system. Convection was aided by very strong wind shear and strong winds just above the surface (around 40-45 knots at 1500-2000 ft AGL). Although instability was minimal, it was still sufficient for some storms to produce severe wind gusts at the surface. In addition, some training of storms occurred, and heavy rainfall amounts along with some minor street flooding resulted.

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ALABAMA, Southwest				
ESCAMBIA COUNTY --- 1.0 S POARCH [31.11, -87.53]				
	02/18/12 15:24 CST		2K	Thunderstorm Wind (EG 52 kt)
	02/18/12 15:26 CST		0	Source: Emergency Manager
Winds estimated at 70 mph downed trees across Interstate 65 between mile markers 54 and 55.				
ESCAMBIA COUNTY --- FREEMANVILLE [31.07, -87.53]				
	02/18/12 15:24 CST		5K	Thunderstorm Wind (EG 52 kt)
	02/18/12 15:26 CST		0	Source: Emergency Manager
Winds estimated at 60 mph downed trees and power lines.				
ESCAMBIA COUNTY --- APPLETON [31.12, -87.07]				
	02/18/12 15:48 CST		5K	Thunderstorm Wind (EG 61 kt)
	02/18/12 15:50 CST		0	Source: Public
Winds estimated at 70 mph downed several trees.				
MONROE COUNTY --- MONROEVILLE [31.52, -87.33]				
	02/18/12 16:05 CST		5K	Lightning
	02/18/12 16:06 CST		0	Source: Fire Department/Rescue
A lightning strike caused a structure fire.				
MOBILE COUNTY --- GRAND BAY [30.47, -88.35]				
	02/18/12 16:10 CST		3K	Thunderstorm Wind (EG 52 kt)
	02/18/12 16:12 CST		0	Source: Public
Winds estimated at 60 mph downed a few trees.				
BALDWIN COUNTY --- 3.0 SW SEMINOLE [30.49, -87.52]				
	02/18/12 17:20 CST		10K	Thunderstorm Wind (EG 61 kt)
	02/18/12 17:23 CST		0	Source: Public
Winds estimated at 70 mph downed several trees down with some structural damage to a shed and a mobile home. Damage was reported in the CC Road area on Cactus Court...just north of Elberta.				
BALDWIN COUNTY --- LILLIAN [30.40, -87.45]				
	02/18/12 17:40 CST		10K	Thunderstorm Wind (EG 61 kt)
	02/18/12 17:42 CST		0	Source: Public
Winds estimated at 70 mph caused damage to a barn...pump house and the back porch of a trailer.				
A strong cold front moved across the area and produced high winds which caused some damage across southwest Alabama.				
CLARKE COUNTY --- JACKSON [31.52, -87.88]				
	02/24/12 09:15 CST		20K	Thunderstorm Wind (EG 70 kt)
	02/24/12 09:17 CST		0	Source: NWS Storm Survey
An isolated microburst occurred at the Harper Headstart School. The school sustained roof damage...with nearly all the tar roofing material peeled off...metal fencing was flattened and the school lost electrical power due to a transformer catching fire.				
CLARKE COUNTY --- 1.0 NE JACKSON [31.53, -87.87]				
	02/24/12 09:17 CST		5K	Thunderstorm Wind (EG 61 kt)
	02/24/12 09:19 CST		0	Source: Emergency Manager
Winds estimated at 70 mph damaged trees on Bridalwood Path roughly a half mile northeast of where Harper Head Start School was damaged.				
BUTLER COUNTY --- GREENVILLE [31.83, -86.63]				

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	02/24/12 10:05 CST		5K	Thunderstorm Wind (EG 61 kt)
	02/24/12 10:07 CST		0	Source: Trained Spotter

Winds estimated at 70 mph downed numerous trees along I-65 near Greenville.

CRENSHAW COUNTY --- 2.0 NE LUVERNE [31.74, -86.25]

02/24/12 10:56 CST	5K	Thunderstorm Wind (EG 52 kt)
02/24/12 10:58 CST	0	Source: Emergency Manager

Winds estimated at 60 mph destroyed a horse shed along north Goshen Road.

A strong cold front moved across the area and produced high winds which caused some damage across southwest Alabama.