

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>(AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z036) COOSA, (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</b>				
	05/01/12 00:00 CST		0	Drought
	05/31/12 23:59 CST		0	
<p>Although between 2.0 and 8.0 inches of rainfall fell across much of central Alabama during May, little relief was felt in the ongoing drought across much of the southeastern portion of the area. Drought conditions persisted through the month across Elmore, Lee, Bullock, Macon, Tallapoosa, Montgomery, Russell, Pike, Barbour, Randolph, Lowndes, Chambers, Coosa, and Clay Counties.</p>				
<b>MARION COUNTY --- 4.3 NNW TWIN [34.06, -87.87]</b>				
	05/02/12 17:03 CST		0	Hail (0.75 in)
	05/02/12 17:03 CST		0	Source: Trained Spotter
<b>TUSCALOOSA COUNTY --- 3.6 NNW ECHOLA [33.40, -87.82]</b>				
	05/02/12 17:40 CST		0	Hail (1.00 in)
	05/02/12 17:40 CST		0	Source: Public
<b>HALE COUNTY --- 3.2 NNE GREENSBORO [32.74, -87.57], 4.2 NNE GREENSBORO [32.76, -87.56], 4.5 NNE GREENSBORO [32.76, -87.54], 3.4 NE GREENSBORO [32.74, -87.55]</b>				
	05/03/12 12:15 CST		0	Flash Flood (due to Heavy Rain)
	05/03/12 15:15 CST		0	Source: Public
<p>Several rural roads northeast of Greensboro were washed out due to heavy rain. Water also flowed into the Pleasant Valley Grocery Store on Alabama Highway 25, flooding the store.</p>				
<p>A slow-moving upper level low cross the Southeast during the first week of May. On Wednesday, the 2nd, and Thursday, the 3rd, impulses rotating around the low combined with increasing moisture from the Gulf of Mexico to provide the right conditions for showers and thunderstorms across central Alabama. Most of the activity remained below severe limits. Several periods of heavy rain led to an isolated flooding report.</p>				
<b>CALHOUN COUNTY --- 2.4 SSE OHATCHEE [33.75, -85.98]</b>				
	05/05/12 18:22 CST		0	Hail (1.00 in)
	05/05/12 18:26 CST		0	Source: Public
<p>Quarter size hail (measured) began falling at 7:22 PM CDT and continued through 7:26 PM CDT.</p>				
<p>An outflow boundary from a decaying mesoscale convective system pushed southward into central Alabama on Saturday, May 5. This boundary helped spark isolated convection during the late afternoon and early evening hours.</p>				
<b>TALLADEGA COUNTY --- 0.7 S TALLADEGA [33.42, -86.10]</b>				
	05/06/12 06:04 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 06:04 CST		0	Source: Public
<p>A tree was uprooted and fell across a driveway of a residence.</p>				
<b>SHELBY COUNTY --- 4.1 NE SHELBY [33.16, -86.53]</b>				
	05/06/12 07:29 CST		0	Hail (0.88 in)
	05/06/12 07:29 CST		0	Source: Trained Spotter
<b>CHAMBERS COUNTY --- 1.2 E HICKORY FLAT [33.08, -85.25]</b>				
	05/06/12 08:53 CST		0	Hail (1.00 in)
	05/06/12 08:53 CST		0	Source: County Official
<b>AUTAUGA COUNTY --- 2.0 WNW AUTAUGAVILLE [32.44, -86.70]</b>				
	05/06/12 09:28 CST		0	Hail (1.00 in)
	05/06/12 09:28 CST		0	Source: Public

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<b>DALLAS COUNTY --- 0.7 N CARLOWVILLE [32.09, -87.03]</b>				
	05/06/12 10:55 CST		0	Hail (1.00 in)
	05/06/12 10:55 CST		0	Source: Public
Quarter sized hail briefly covered the ground near Carlowville.				
<b>PIKE COUNTY --- 0.9 SE HAMILTON XRDS [31.64, -85.81]</b>				
	05/06/12 11:36 CST		0	Hail (3.00 in)
	05/06/12 11:36 CST		0	Source: Emergency Manager
<b>PIKE COUNTY --- 0.6 W GOSHEN [31.72, -86.13]</b>				
	05/06/12 12:02 CST		0	Hail (1.00 in)
	05/06/12 12:02 CST		0	Source: Emergency Manager
<b>BARBOUR COUNTY --- 0.8 SE BATESVILLE [32.01, -85.31]</b>				
	05/06/12 12:03 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 12:03 CST		0	Source: Law Enforcement
Several trees were blown down along County Road 79, near Comer.				
<b>BARBOUR COUNTY --- 4.3 E MT ANDREW [31.99, -85.45]</b>				
	05/06/12 12:30 CST		0	Hail (1.75 in)
	05/06/12 12:30 CST		0	Source: Public
<b>MARION COUNTY --- 2.9 E GODDARD [34.25, -87.65]</b>				
	05/06/12 16:47 CST		0	Hail (1.00 in)
	05/06/12 16:47 CST		0	Source: COOP Observer
<b>WINSTON COUNTY --- 0.7 NNE HALEYVILLE [34.24, -87.62]</b>				
	05/06/12 16:48 CST		0	Thunderstorm Wind (EG 52 kt)
	05/06/12 16:48 CST		0	Source: Amateur Radio
Winds estimated at greater than 60 MPH knocked down power lines across the city of Haleyville, causing several roads to be closed. In addition, several trees were blown down, including one on a home along 15th Ave.				
<b>WINSTON COUNTY --- 0.6 W POPLAR SPGS [34.03, -87.41]</b>				
	05/06/12 16:53 CST		0	Hail (1.00 in)
	05/06/12 16:53 CST		0	Source: Public
<b>JEFFERSON COUNTY --- 0.3 NE HOPKINS [33.48, -87.08]</b>				
	05/06/12 16:58 CST		0	Hail (1.00 in)
	05/06/12 16:58 CST		0	Source: Amateur Radio
<b>LAMAR COUNTY --- 2.9 SSW VERNON LAMAR CO ARPT [33.79, -88.14]</b>				
	05/06/12 18:10 CST		0	Hail (0.75 in)
	05/06/12 18:10 CST		0	Source: Public
<b>WALKER COUNTY --- 0.9 SW COAL VLY [33.71, -87.39]</b>				
	05/06/12 18:12 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 18:12 CST		0	Source: Emergency Manager
Several trees were blown down in Oakman.				
<b>WALKER COUNTY --- 0.9 SW COAL VLY [33.71, -87.39]</b>				
	05/06/12 18:13 CST		0	Hail (1.00 in)
	05/06/12 18:13 CST		0	Source: Emergency Manager
<b>FAYETTE COUNTY --- 1.0 ESE BANKSTON [33.66, -87.67]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/06/12 18:37 CST		0	Thunderstorm Wind (EG 50 kt)
	05/06/12 18:37 CST		0	Source: Public
A tree was blown down along Highway 18, west of Berry.				
<b>On Sunday, May 6, an outflow boundary from a mesoscale convective system (MCS) moving through portions of Tennessee pushed southward into central Alabama. This resulted in isolated wind damage and small hail (one half inch or less in size) during the early morning hours. Thunderstorms continued to develop along and ahead of the outflow boundary as it moved southward across eastern portions of the forecast area through mid day, and as daytime heating increased, thunderstorms produced large hail. In the wake of the morning convection, clearing behind the MCS allowed surface heating to increase and the airmass across north central Alabama to destabilize. By early evening, isolated to scattered thunderstorms began producing large hail and wind damage.</b>				
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<b>WALKER COUNTY --- 1.1 ESE MARIGOLD [33.91, -87.25]</b>				
	05/07/12 14:06 CST		0	Hail (0.75 in)
	05/07/12 14:06 CST		0	Source: Amateur Radio
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<b>WALKER COUNTY --- 5.8 E JASPER WALKER CO ARP [33.86, -87.17]</b>				
	05/07/12 14:17 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:17 CST		0	Source: County Official
Trees and powerlines were blown down along Alabama Highway 69 at the intersection of Clayton Rd, near Boldo.				
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<b>WALKER COUNTY --- 1.4 NE EMPIRE [33.82, -86.98]</b>				
	05/07/12 14:19 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:19 CST		0	Source: County Official
Trees were blown down and blocking the intersection of Empire Rd and Little Vine Rd, northeast of Empire.				
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<b>WALKER COUNTY --- 6.9 E MARIGOLD [33.90, -87.15]</b>				
	05/07/12 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:20 CST		0	Source: County Official
Trees were blown down at the intersection of Alabama Highway 69 and Burrows Crossing Rd.				
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<b>WALKER COUNTY --- 6.1 NW SIPSEY [33.89, -87.14]</b>				
	05/07/12 14:22 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:22 CST		0	Source: County Official
Trees were blown down at the intersection of Tidwell Cemetery Rd and Old Pinewoods Rd.				
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<b>WALKER COUNTY --- 4.7 NNW SIPSEY [33.88, -87.12]</b>				
	05/07/12 14:25 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:25 CST		0	Source: County Official
Trees were blown down at the intersection of Pinewoods Sipsey Rd and Capps Rd.				
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<b>WALKER COUNTY --- 2.8 NNW SIPSEY [33.86, -87.10]</b>				
	05/07/12 14:28 CST		0	Thunderstorm Wind (EG 50 kt)
	05/07/12 14:28 CST		0	Source: County Official
Trees were blown down on Pinewoods Sipsey Rd and Claude Banks Rd, blocking the roadway. A school bus was trapped due to the fallen trees. No injuries.				
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<b>BLOUNT COUNTY --- 0.9 SW ONEONTA [33.94, -86.48]</b>				
	05/07/12 14:36 CST		0	Hail (1.00 in)
	05/07/12 14:36 CST		0	Source: Emergency Manager
<b>On Monday, May 7, a cold pool boundary left over from a decaying mesoscale convective system advected into north central Alabama. Along and ahead of this boundary, isolated severe thunderstorms developed.</b>				
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<b>MARION COUNTY --- 0.7 W GUIN [33.97, -87.93], 1.6 ENE GUIN [33.98, -87.89], 1.6 ESE GUIN [33.96, -87.89], 0.7 SSW GUIN [33.96, -87.93]</b>				

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	05/08/12 17:55 CST		0	Flash Flood (due to Heavy Rain)
	05/08/12 20:30 CST		0	Source: Emergency Manager

Heavy rainfall caused extensive flooding in downtown Guin. Numerous roads were under water and closed. Water across U.S. Highway 43 was 3 feet deep. In addition, water flowed into several homes and businesses.

<b>FAYETTE COUNTY --- 0.6 NNW FAYETTE [33.69, -87.84], 0.7 NE FAYETTE [33.69, -87.82], 0.4 E FAYETTE [33.68, -87.82], 0.3 WNW FAYETTE [33.68, -87.83]</b>				
	05/08/12 18:26 CST		0	Flash Flood (due to Heavy Rain)
	05/08/12 20:30 CST		0	Source: Trained Spotter

Heavy rainfall resulted in water 6 inches deep across streets in downtown Fayette.

<b>LAMAR COUNTY --- 1.2 ENE VERNON [33.76, -88.10], 0.3 N VERNON [33.75, -88.12], 0.1 NE VERNON [33.75, -88.12], 1.1 E VERNON [33.75, -88.10]</b>				
	05/08/12 18:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/12 20:30 CST		0	Source: Emergency Manager

Alabama Highway 18 in downtown Vernon was closed as a result of heavy rainfall and water flowing over the roadway.

<b>LAMAR COUNTY --- 1.9 SSE BEAVERTON [33.90, -88.02], 0.4 SE BEAVERTON [33.93, -88.03], 1.5 E BEAVERTON [33.93, -88.00], 2.8 SE BEAVERTON [33.91, -87.99]</b>				
	05/08/12 18:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/12 20:30 CST		0	Source: County Official

Heavy rainfall resulted in water across several roads south of Beaverton, which had to be closed.

**On Tuesday, May 8, slow-moving clusters of thunderstorms and heavy rain developed ahead of an approaching cold front and moved into northwest central Alabama, producing flash flooding and isolated sub-severe wind damage.**

<b>LEE COUNTY --- 2.9 SW ROXANA [32.66, -85.69], 0.7 WSW ROXANA [32.68, -85.66]</b>				
	05/13/12 13:02 CST		0	Tornado (EF0, L: 2.30 mi , W: 50 yd)
	05/13/12 13:11 CST		0	Source: Emergency Manager

An EF0 tornado with winds of 50-60 MPH touched down just west of County Road 217 southwest of Roxana, causing damage to several trees. The tornado tracked northeastward and crossed County Road 66, where it continued to cause minor tree damage. The tornado dissipated just east of County Road 66.

**A weak cold front moved through Alabama on Sunday, May 13. Shear profiles ahead of and along the front were supportive of supercells. Given the enhanced low level storm relative helicity, numerous, weak mesocyclones and rotating wall clouds developed. One storm resulted in a brief tornado touchdown.**

<b>LAMAR COUNTY --- 5.8 E DETROIT [34.02, -88.07], 0.9 ESE DETROIT [34.02, -88.16]</b>				
	05/20/12 16:20 CST		0	Thunderstorm Wind (EG 65 kt)
	05/20/12 16:30 CST		0	Source: Emergency Manager

Widespread tree damage occurred along County Road 16 between Henson Springs and Detroit.

<b>LAMAR COUNTY --- 1.2 SW DETROIT [34.02, -88.19]</b>				
	05/20/12 16:43 CST		0	Thunderstorm Wind (EG 55 kt)
	05/20/12 16:43 CST		0	Source: Emergency Manager

Many trees were blown down west and southwest of Detroit, including along Hatley-Detroit Rd and along Alabama Highway 17. This resulted in widespread power outages across the area.

<b>MARION COUNTY --- 0.1 N BEXAR [34.18, -88.15]</b>				
	05/20/12 16:50 CST		0	Hail (1.00 in)
	05/20/12 16:50 CST		0	Source: Amateur Radio

**On Sunday, May 20, mesoscale outflow boundary interactions and daytime heating resulted in afternoon convection and isolated wind damage and large hail across northwest central Alabama.**

<b>LOWNDES COUNTY --- 1.2 E HAYNEVILLE [32.18, -86.58]</b>				
	05/21/12 13:10 CST		0	Hail (0.88 in)
	05/21/12 13:10 CST		0	Source: Emergency Manager

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<b>LEE COUNTY --- 0.6 W OPELIKA [32.65, -85.38]</b>				
	05/21/12 13:21 CST		0	Hail (0.88 in)
	05/21/12 13:21 CST		0	Source: Emergency Manager
<b>LEE COUNTY --- 1.3 S OPELIKA [32.63, -85.37]</b>				
	05/21/12 13:30 CST		0	Hail (1.00 in)
	05/21/12 13:30 CST		0	Source: Public
<b>RUSSELL COUNTY --- 0.9 NW CRAWFORD [32.46, -85.19]</b>				
	05/21/12 13:56 CST		0	Hail (1.00 in)
	05/21/12 13:56 CST		0	Source: Public
<b>RUSSELL COUNTY --- 0.9 NE CRAWFORD [32.46, -85.17]</b>				
	05/21/12 14:02 CST		0	Hail (0.75 in)
	05/21/12 14:02 CST		0	Source: Other Federal Agency
<b>CHEROKEE COUNTY --- 2.0 WNW RICHARDSON [34.21, -85.76]</b>				
	05/21/12 16:50 CST		0	Hail (0.75 in)
	05/21/12 16:50 CST		0	Source: Emergency Manager
<p>On Monday, May 21, a frontal system was slowly moving eastward across the Mississippi River Valley toward central Alabama. Outflow boundaries from the previous day's convection provided a focus for scattered thunderstorm development, and isolated large hail, during peak afternoon heating.</p>				
<b>FAYETTE COUNTY --- 1.6 SE HUBERTVILLE [33.81, -87.73]</b>				
	05/21/12 22:01 CST		0	Hail (1.00 in)
	05/21/12 22:01 CST		0	Source: Public
<b>FAYETTE COUNTY --- 5.3 ESE HUBERTVILLE [33.80, -87.66]</b>				
	05/21/12 22:10 CST		0	Hail (1.00 in)
	05/21/12 22:10 CST		0	Source: Public
<b>WALKER COUNTY --- 1.4 NW GAMBLE [33.89, -87.35]</b>				
	05/21/12 22:13 CST		0	Hail (1.00 in)
	05/21/12 22:13 CST		0	Source: Amateur Radio
<b>FAYETTE COUNTY --- 3.5 SW BANKSTON [33.63, -87.72]</b>				
	05/21/12 22:18 CST		0	Hail (1.00 in)
	05/21/12 22:18 CST		0	Source: Public
<b>WALKER COUNTY --- 2.1 S GAMBLE [33.85, -87.33]</b>				
	05/21/12 22:30 CST		0	Hail (0.88 in)
	05/21/12 22:30 CST		0	Source: Broadcast Media
<b>JEFFERSON COUNTY --- 1.8 NW HOWTONS CAMP [33.57, -87.20]</b>				
	05/21/12 23:30 CST		0	Thunderstorm Wind (EG 60 kt)
	05/21/12 23:30 CST		0	Source: Public
<p>Numerous trees and power lines were blown down along the Walker and Jefferson county line.</p>				
<b>WALKER COUNTY --- 0.5 W GOOD SPGS [33.67, -87.23]</b>				
	05/21/12 23:30 CST		0	Thunderstorm Wind (EG 50 kt)
	05/21/12 23:30 CST		0	Source: Broadcast Media
<p>A tree was blown down, blocking Alabama Highway 269 at Short Drive.</p>				
<b>WALKER COUNTY --- 6.2 S GORGAS [33.56, -87.19]</b>				

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	05/21/12 23:38 CST		0	Hail (1.00 in)
	05/21/12 23:38 CST		0	Source: Public
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<b>JEFFERSON COUNTY --- 0.2 ESE OAK GROVE [33.45, -87.15]</b>				
	05/21/12 23:43 CST		0	Hail (1.00 in)
	05/21/12 23:43 CST		0	Source: Broadcast Media
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<b>TUSCALOOSA COUNTY --- 1.5 NE TAYLORVILLE [33.16, -87.53]</b>				
	05/21/12 23:52 CST		0	Hail (0.88 in)
	05/21/12 23:52 CST		0	Source: Trained Spotter
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<b>JEFFERSON COUNTY --- 0.9 SW DOLOMITE [33.44, -86.99]</b>				
	05/22/12 00:00 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/12 00:00 CST		0	Source: Broadcast Media
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Trees and power lines were blown down in Hueytown, including along Walker Ave, Hueytown Rd, and South Parkell Ave.				
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<b>JEFFERSON COUNTY --- CONCORD [33.47, -87.03]</b>				
	05/22/12 23:57 CST		0	Hail (1.00 in)
	05/22/12 23:57 CST		0	Source: Public
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<b>JEFFERSON COUNTY --- CONCORD [33.47, -87.03]</b>				
	05/22/12 23:58 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/12 23:58 CST		0	Source: Public
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Trees were blown down in Concord.				
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<b>As an upper level trough associated with a slow moving cold front tracked across the region, thunderstorms developed late Monday night across northwest central Alabama. Storms developed into a mesoscale convective system and tracked southeastward during the early morning hours on Tuesday, May 22, producing hail and wind damage across portions of north central Alabama.</b>				
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<b>SHELBY COUNTY --- 1.9 ENE PELHAM [33.29, -86.79]</b>				
	05/29/12 22:15 CST		0	Thunderstorm Wind (EG 56 kt)
	05/29/12 22:15 CST		0	Source: Trained Spotter
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Several trees were snapped or uprooted across Pelham, resulting in power outages.				
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<b>SHELBY COUNTY --- 0.7 WSW KEYSTONE [33.27, -86.83]</b>				
	05/29/12 22:28 CST		0	Thunderstorm Wind (EG 56 kt)
	05/29/12 22:28 CST		0	Source: Amateur Radio
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Pine tree, 60 ft tall, fell on a home on Independence Drive at Amberley Woods Drive.				
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<b>CHILTON COUNTY --- 3.4 WNW MINOOKA [33.07, -86.82]</b>				
	05/29/12 22:34 CST		0	Thunderstorm Wind (EG 55 kt)
	05/29/12 22:34 CST		0	Source: County Official
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Trees were blown down along Highway 155 near the Chilton and Shelby County line.				
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<b>CHILTON COUNTY --- 0.7 N JEMISON [32.96, -86.75]</b>				
	05/29/12 22:43 CST		0	Thunderstorm Wind (EG 55 kt)
	05/29/12 22:43 CST		0	Source: County Official
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Trees were blown down in and around Jemison, including on Smith Rd, Pinedale Rd, and U.S. Highway 31.				
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<b>On Tuesday, May 29, an upper level shortwave crossing the region aided convection in becoming organized into a broken line of thunderstorms. This line pushed southward through central Alabama, causing isolated damage in Shelby and Chilton counties.</b>				
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<b>SUMTER COUNTY --- 0.6 E BOYD [32.62, -88.31]</b>				
	05/30/12 16:30 CST		0	Thunderstorm Wind (EG 50 kt)
	05/30/12 16:30 CST		0	Source: Emergency Manager

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Several trees were blown down in Boyd.				
<b>SUMTER COUNTY --- 0.6 E BOYD [32.62, -88.31]</b>				
	05/30/12 16:32 CST		0	Hail (0.88 in)
	05/30/12 16:32 CST		0	Source: Fire Department/Rescue
<b>A weakening mesoscale convective system moving southeastward across Mississippi brought thunderstorms to far southwestern portions of Central Alabama on Wednesday, May 30. These storms produced isolated wind damage and hail.</b>				
<b>MONTGOMERY COUNTY --- 2.4 SSE MONTGOMERY [32.35, -86.28]</b>				
	05/31/12 15:18 CST		0	Thunderstorm Wind (EG 50 kt)
	05/31/12 15:18 CST		0	Source: Broadcast Media
Trees were blown down in several neighborhoods across Montgomery.				
<b>On Thursday, May 31, isolated thunderstorms developed in response to daytime heating and increasing moisture ahead of a storm system to the west of Alabama. These storms produced isolated wind damage in Montgomery.</b>				
<b>SUMTER COUNTY --- 0.7 S SILOAM [32.42, -88.27]</b>				
	05/31/12 17:30 CST		0	Thunderstorm Wind (EG 50 kt)
	05/31/12 17:30 CST		0	Source: Fire Department/Rescue
Several trees were blown down south southeast of York.				
<b>During the evening hours on Thursday, May 31, a weakening line of thunderstorms associated with a cold front moved into west Central Alabama, producing isolated damage in far southwestern portions of the area.</b>				
<b>ALABAMA, North</b>				
<b>(AL-Z007) MORGAN</b>				
	05/02/12 16:00 CST	1	0	Heat
	05/02/12 16:00 CST		0	
Direct Fatalities: M80??				
<b>The combination of above normal temperatures in the lower 90s with high humidity, led to a heat related death in Morgan County, Alabama.</b>				
<b>MORGAN COUNTY --- 0.9 SW TRINITY [34.61, -87.09]</b>				
	05/05/12 18:18 CST		0	Hail (1.00 in)
	05/05/12 18:21 CST		0	Source: Amateur Radio
Hail up to quarter size was reported in Trinity.				
<b>MORGAN COUNTY --- 1.7 W MOULTON HGTS [34.60, -87.05]</b>				
	05/05/12 18:25 CST		0	Hail (0.75 in)
	05/05/12 18:28 CST		0	Source: Amateur Radio
Hail of dime to penny sized was reported on Highway 24 about 4 miles west of Decatur.				
<b>Isolated strong thunderstorms producing hail up to the size of quarters developed during the early evening hours in north central Alabama.</b>				
<b>LIMESTONE COUNTY --- 0.8 NNE BURGREN CORNER [34.74, -86.80]</b>				
	05/05/12 23:45 CST		0	Hail (0.88 in)
	05/05/12 23:48 CST		0	Source: Trained Spotter
Dime to nickel sized hail was reported.				
<b>MADISON COUNTY --- 2.6 S HUNTSVILLE MILLS ARP [34.71, -86.56]</b>				

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/06/12 05:00 CST		0	Hail (0.88 in)
	05/06/12 05:03 CST		0	Source: Public

Nickel sized hail was reported.

**MADISON COUNTY --- 2.1 SSW HUNTSVILLE MILLS ARP [34.72, -86.56]**

	05/06/12 05:02 CST		0	Hail (1.00 in)
	05/06/12 05:05 CST		0	Source: Public

Quarter sized hail was reported covering the ground on Owens Drive in Huntsville.

**MADISON COUNTY --- 1.4 WSW HUNTSVILLE MILLS ARP [34.74, -86.57]**

	05/06/12 05:04 CST		0	Hail (0.75 in)
	05/06/12 05:07 CST		0	Source: Trained Spotter

Penny sized hail was reported on OShaughnessy Avenue in Huntsville.

**An isolated thunderstorm produced hail up to the size of nickels just before midnight (LST) in north central Alabama. Then, a mesoscale convective system (MCS) which developed in northwest Tennessee during the late evening hours of the 5th dropped southeast into northern Alabama through the morning hours of the 6th. These more numerous storms produced prolific lightning and sporadic hail up to the size of quarters.**

**DEKALB COUNTY --- 1.2 WNW FT PAYNE [34.44, -85.75]**

	05/06/12 14:40 CST		0	Hail (0.88 in)
	05/06/12 14:43 CST		0	Source: Trained Spotter

Nickel size hail was reported near the intersection of Interstate 59 and Glenn Boulevard.

**FRANKLIN COUNTY --- 1.7 S ISBELL [34.43, -87.75]**

	05/06/12 15:47 CST		0	Hail (0.75 in)
	05/06/12 15:50 CST		0	Source: Amateur Radio

Penny size hail was reported 6 miles north of Phil Campbell along Highway 13.

**FRANKLIN COUNTY --- PHIL CAMPBELL [34.35, -87.70]**

	05/06/12 15:47 CST		0	Hail (0.88 in)
	05/06/12 15:50 CST		0	Source: Amateur Radio

Nickel size hail was reported in Phil Campbell.

**JACKSON COUNTY --- 0.1 E PLEASANT HILL [34.57, -86.13]**

	05/06/12 16:37 CST		0	Hail (0.88 in)
	05/06/12 16:40 CST		0	Source: Trained Spotter

Nickel size hail was reported on Highway 79. 50 mph winds were estimated at this location as well.

**DEKALB COUNTY --- 0.9 NE LANDS XRDS [34.49, -85.86]**

	05/06/12 16:55 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/06/12 17:05 CST		0	Source: Broadcast Media

Multiple trees and limbs were knocked down along the 300 block of 4th Avenue in Rainsville.

**FRANKLIN COUNTY --- 2.2 SW PLEASANT HILL [34.40, -87.83]**

	05/06/12 17:33 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	05/06/12 17:36 CST		0	Source: Emergency Manager

A tree was knocked down 4519 County Road 22 in Spruce Pine.

**FRANKLIN COUNTY --- BELGREEN [34.47, -87.87]**

	05/06/12 22:15 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/06/12 22:18 CST		0	Source: Emergency Manager



## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was knocked down causing a power outage at the intersection of Scout Hollow Road and Wilson Road. Event time estimated by radar when a gust front moved through this area.				

<b>FRANKLIN COUNTY --- 2.9 W REEDTOWN [34.50, -87.80]</b>				
	05/06/12 22:32 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/06/12 22:35 CST		0	Source: Emergency Manager

A tree was knocked down at 1044 County Road 624.

<b>FRANKLIN COUNTY --- BELGREEN [34.47, -87.87]</b>				
	05/06/12 22:32 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/06/12 22:35 CST		0	Source: Emergency Manager

Power was knocked out at the 911 center in Belgreen, likely due to trees blown down onto power lines.

**Thunderstorms developed atop the Cumberland Plateau of northeast Alabama and eastern portions of southern Tennessee, and across northwest Alabama. The storms developed during peak afternoon heating on the 6th when the air mass was quite unstable, but with minimal deep layer wind shear. The storms moved southwest and westward producing hail, frequent lightning and locally heavy rainfall. Outflow boundaries from thunderstorms ignited additional storms during the late evening hours in northwest Alabama.**

<b>LIMESTONE COUNTY --- 2.7 ESE LAWNGATE [34.70, -87.04]</b>				
	05/13/12 16:38 CST		0	Funnel Cloud
	05/13/12 16:38 CST		0	Source: Trained Spotter

A brief funnel cloud was reported from a spotter traveling along Highway 24/Gordon Terry Parkway. The spotter was looking north from their location just west of Decatur. Location of the funnel cloud was estimated by radar.

<b>MORGAN COUNTY --- 1.8 N MOULTON HGTS [34.63, -87.02]</b>				
	05/13/12 16:55 CST		0	Thunderstorm Wind (EG 61 kt)
	05/13/12 16:55 CST		0	Source: Public

A 25 x 40 foot section of a wall was knocked out of the Toray Plant just northwest of Decatur. Initial report came into local TV media outlet which was forwarded to NWS. Time estimated from radar.

<b>LIMESTONE COUNTY --- 0.9 SW WHITESIDE [34.62, -86.96]</b>				
	05/13/12 17:25 CST		0	Funnel Cloud
	05/13/12 17:25 CST		0	Source: Storm Chaser

A UA-Huntsville reserach meteorologist observed a brief funnel cloud looking north from the Bee Line Highway Bridge over the Tennessee River, just northeast of Decatur. The funnel was estimated to be 0.5 to 1.0 miles north/northwest of the observers location over Lake Wheeler.

**A miniature supercell thunderstorm produced at least two funnel cloud reports as it traversed the Limestone and Morgan County line along the Tennessee River and Lake Wheeler. This rotating storm produced wind damage at a carbon fiber plant in Decatur. Thunderstorms that afternoon and evening developed along a north-south surface trough axis beneath a mid to upper level trough.**

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Section of wall blown out at Toray Plant (outside of Decatur) off Hwy 20.*

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**COLBERT COUNTY --- 0.6 W LEIGHTON [34.70, -87.53]**

05/18/12 14:21 CST	0	Hail (0.88 in)
05/18/12 14:24 CST	0	Source: Broadcast Media

Nickle sized hail was reported in Leighton.

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**LIMESTONE COUNTY --- 1.3 ESE ATHENS [34.79, -86.96]**

05/18/12 17:43 CST	0	Hail (0.75 in)
05/18/12 17:46 CST	0	Source: Broadcast Media

Hail to penny size was reported in Athens.

**Scattered to numerous thunderstorms developed during peak afternoon heating. Most of these pulse storms developed and collapsed producing gusty winds of 20 to 30 mph, pea sized hail and occasional to frequent lightning. A couple of storms produced hail of penny to nickel size.**

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**JACKSON COUNTY --- ASPEL [34.62, -86.17]**

05/29/12 18:18 CST	3K	Thunderstorm Wind (EG 52 kt)
05/29/12 18:21 CST	0	Source: Broadcast Media

Large trees were knocked down and sheet metal was torn off of a building near Aspel.

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MADISON COUNTY --- 1.5 E HAZEL GREEN [34.93, -86.55]</b>				
	05/29/12 19:00 CST		3K	Thunderstorm Wind (EG 52 kt)
	05/29/12 19:03 CST		0	Source: Amateur Radio
Multiple trees, up to one foot in diameter, were knocked down on Jimmy Fisk Road in Hazel Green. Time estimated by radar.				
<b>LIMESTONE COUNTY --- 2.9 SSE WHEELER LAKE NORTH [34.80, -87.12]</b>				
	05/29/12 19:07 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	05/29/12 19:10 CST		0	Source: Emergency Manager
A tree was knocked down along U.S. Highway 72 between Shaw Road and Poplar Creek Road. Time estimated by radar.				
<b>LIMESTONE COUNTY --- 1.3 ENE ATHENS [34.81, -86.96]</b>				
	05/29/12 19:08 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	05/29/12 19:11 CST		0	Source: Emergency Manager
A tree was knocked down at the intersection of Pryor Street and Shaw Street.				
<b>LAUDERDALE COUNTY --- 0.3 NW GRAVELLY SPGS [34.88, -87.90]</b>				
	05/29/12 19:09 CST		0	Hail (0.75 in)
	05/29/12 19:12 CST		0	Source: Emergency Manager
Hail of dime and penny size was reported near the intersection of County Roads 2 and 14.				
<b>MADISON COUNTY --- 0.7 W MONROVIA [34.77, -86.73]</b>				
	05/29/12 19:10 CST		0.50K	Thunderstorm Wind (EG 35 kt)
	05/29/12 19:13 CST		0	Source: Public
A tree of unknown sized was knocked down along Nance Road. Time estimated by radar.				
<b>LIMESTONE COUNTY --- 0.6 E ATHENS [34.80, -86.97]</b>				
	05/29/12 19:11 CST		0	Hail (0.75 in)
	05/29/12 19:18 CST		0	Source: Emergency Manager
Hail to penny size fell for up to seven minutes.				
<b>LIMESTONE COUNTY --- 2.9 ESE ATHENS [34.79, -86.93]</b>				
	05/29/12 19:12 CST		1K	Thunderstorm Wind (EG 35 kt)
	05/29/12 19:15 CST		0	Source: Emergency Manager
Trees limbs were knocked down along Pepper Road and Lindsay Lane. A transformer also blew in this location.				
<b>MADISON COUNTY --- 0.6 E HUNTSVILLE PARK [34.70, -86.61]</b>				
	05/29/12 19:38 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/29/12 19:41 CST		0	Source: Trained Spotter
A three foot diameter tree was knocked down and blocking a portion of the intersection of Triana Boulevard and Archer.				
<b>COLBERT COUNTY --- 0.7 S MUSCLE SHOALS [34.74, -87.67]</b>				
	05/29/12 19:49 CST		0	Hail (1.00 in)
	05/29/12 19:52 CST		0	Source: Emergency Manager
Hail to quarter size was reported near Wilson Dame Highway and State Highway 157.				
<b>MADISON COUNTY --- 1.3 WNW NEW HOPE [34.54, -86.42]</b>				
	05/29/12 20:11 CST		0.50K	Thunderstorm Wind (EG 35 kt)
	05/29/12 20:14 CST		0	Source: Emergency Manager
A tree was knocked down near Main Drive and Johnson Avenue.				
<b>MARSHALL COUNTY --- 0.8 W CROSSROADS [34.32, -86.34]</b>				

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/29/12 20:25 CST		0.50K	Thunderstorm Wind (EG 35 kt)
	05/29/12 20:28 CST		0	Source: Broadcast Media

A large tree limb was knocked down near the Marshall County EMA office.

### DEKALB COUNTY --- 0.7 S HIGH PT [34.57, -85.60]

	05/29/12 20:30 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/29/12 20:33 CST		0	Source: Emergency Manager

Multiple trees were knocked down along State Highway 117 near Valley Head and Mentone. Time estimated by radar.

**A cluster of thunderstorms erupted in middle Tennessee during the late afternoon hours. The storms generated a large cold pool and gust front which tracked across nearly all of northern Alabama. Several reports of wind damage were received along this gust front, with measured wind gusts of 40 to 55 mph at a few ASOS/CWOP stations. A few storms also produced hail.**

## ALABAMA, Southeast

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

	05/01/12 00:00 EST		0	Drought
	05/31/12 23:59 EST		0	

**D4 exceptional drought conditions persisted through the month and into June across most of Henry and Dale counties and extreme eastern Coffee county. D3 extreme drought conditions persisted across most of Coffee county and northern Geneva and Houston counties. D2 severe drought conditions persisted across southern Geneva and southern Houston counties.**

### DALE COUNTY --- 2.2 SW WARD BRIDGE [31.48, -85.52]

	05/06/12 12:13 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	05/06/12 12:13 CST		0	Source: Emergency Manager

A tree was blown down along County Road 59 to the north of County Road 36. Monetary damage was estimated.

### DALE COUNTY --- 0.9 SW DEAN CHURCH RD [31.39, -85.66]

	05/06/12 12:25 CST		0	Hail (0.75 in)
	05/06/12 12:34 CST		0	Source: Public

Penny size hail fell near Logan Road.

### DALE COUNTY --- 0.9 SW DEAN CHURCH RD [31.39, -85.66]

	05/06/12 12:34 CST		0	Hail (1.50 in)
	05/06/12 12:34 CST		0	Source: Public

The hail falling near Logan Road increased to ping pong size.

### COFFEE COUNTY --- 0.6 SW SHELL ARMY FIELD [31.35, -85.85]

	05/06/12 12:58 CST		1K	Thunderstorm Wind (EG 50 kt)
	05/06/12 12:58 CST		0	Source: Law Enforcement

A tree was blown down onto a power line at the 300 block of Valley Stream Drive. Monetary damage was estimated.

### HENRY COUNTY --- HEADLAND [31.35, -85.34]

	05/06/12 12:59 CST		0	Hail (1.00 in)
	05/06/12 12:59 CST		0	Source: Public

A picture was posted on facebook of hail estimated at quarter size near Headland.

### HOUSTON COUNTY --- 2.0 N TAYLOR [31.19, -85.46]

	05/06/12 13:20 CST		0	Hail (0.75 in)
	05/06/12 13:20 CST		0	Source: Trained Spotter

A spotter reported penny size hail 2 miles north of Taylor.

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Very steep lapse rates were in place atop rich boundary layer moisture with 500 mb temperatures from -11C to -14C. This supported strong instability with afternoon SBCAPE values exceeding 3000 J/Kg. Winds aloft were weak, so storms were mainly pulse in nature with brief-lived intense cores. The strongest of these pulsating storms produced large hail and damaging winds. Storms became semi-organized along a common outflow late in the day and shifted southward.

**COFFEE COUNTY --- 1.5 NW VICTORIA [31.56, -85.93]**

05/08/12 12:15 CST		2K	Thunderstorm Wind (EG 50 kt)
05/08/12 12:15 CST		0	Source: Emergency Manager

A couple of trees and power lines were blown down near the intersection of County Road 209 and County Road 210. Monetary damage was estimated.

The airmass was similar to what one would find on a summer day with moist and unstable conditions and weak winds aloft. Storms were pulse in nature with brief gusty winds.

**HOUSTON COUNTY --- 1.3 SE WILSON MILL [31.15, -85.32], ASHFORD [31.18, -85.23]**

05/31/12 13:30 CST		5K	Thunderstorm Wind (EG 55 kt)
05/31/12 13:45 CST		0	Source: Emergency Manager

Numerous trees were blown down across the eastern portion of the county in a fairly straight swath, including Coot Fowler Road, Omussee Road, Drew Road, Crawford Road, and the Ashford area. Monetary damage was estimated.

Weak upper level troughing, instability over 2000 j/kg, dry air aloft, and fairly steep mid level lapse rates contributed to a severe storm in Houston county.

### ALABAMA, Southwest

**MOBILE COUNTY --- 0.7 S EIGHT MILE [30.76, -88.12], 0.5 NNW WHISTLER [30.76, -88.12], 0.1 N WHISTLER [30.75, -88.12], 0.5 NNE WHISTLER [30.76, -88.12]**

05/02/12 17:20 CST		0	Flash Flood (due to Heavy Rain)
05/02/12 19:20 CST		0	Source: Trained Spotter

Widespread street flooding around highway 45 and Bearfork Road. The water was estimated to be nearly a foot deep in places.

**MOBILE COUNTY --- MOBILE BATES FLD [30.68, -88.23], 0.5 N (MOB)MOBILE BATES FL [30.69, -88.23], 0.6 ENE (MOB)MOBILE BATES FL [30.68, -88.22], 0.5 E (MOB)MOBILE BATES FL [30.68, -88.22]**

05/02/12 17:20 CST		0	Flash Flood (due to Heavy Rain)
05/02/12 19:20 CST		0	Source: Broadcast Media

**BALDWIN COUNTY --- DAPHNE [30.60, -87.90], 0.5 W DAPHNE [30.60, -87.91], 0.5 NW DAPHNE [30.60, -87.91], 0.3 NNW DAPHNE [30.60, -87.90]**

05/02/12 21:47 CST		0	Flash Flood (due to Heavy Rain)
05/02/12 23:47 CST		0	Source: Emergency Manager

Highway 90 west of Highway 13 closed due to water over the road.

Heavy rain caused flooding across portions of southwest Alabama.

**CLARKE COUNTY --- 1.0 E COFFEEVILLE [31.75, -88.08]**

05/06/12 12:30 CST		0	Thunderstorm Wind (EG 52 kt)
05/06/12 12:32 CST		0	Source: Trained Spotter

Winds estimated at 60 mph downed a tree on house causing extensive damage.

High winds from a thunderstorm downed a tree on a house causing severe damage.

**CLARKE COUNTY --- WEST BEND [31.83, -88.13]**

05/21/12 13:30 CST		0	Hail (1.00 in)
05/21/12 13:32 CST		0	Source: Trained Spotter

**MOBILE COUNTY --- 2.0 S BELLEFONTAINE [30.47, -88.10]**

## Storm Data and Unusual Weather Phenomena - May 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/21/12 14:07 CST		0	Hail (1.00 in)
	05/21/12 14:09 CST		0	Source: Trained Spotter
<hr/>				
<b>BALDWIN COUNTY --- 2.0 E FOLEY [30.42, -87.65]</b>				
	05/21/12 18:05 CST		0	Hail (1.75 in)
	05/21/12 18:07 CST		0	Source: Trained Spotter
<hr/>				
<b>Thunderstorms developed across southwest Alabama and produced large hail.</b>				
<hr/>				
<b>CLARKE COUNTY --- THOMASVILLE [31.92, -87.73]</b>				
	05/29/12 16:07 CST		10K	Thunderstorm Wind (EG 61 kt)
	05/29/12 16:09 CST		0	Source: Emergency Manager
<hr/>				
Winds estimated at 70 mph downed trees and powerlines and blew a roof off a house.				
<hr/>				
<b>MONROE COUNTY --- MONROEVILLE [31.52, -87.33]</b>				
	05/29/12 17:21 CST		5K	Thunderstorm Wind (EG 61 kt)
	05/29/12 17:23 CST		0	Source: Emergency Manager
<hr/>				
Winds estimated at 70 mph downed trees and powerlines down. The 911 center also took a direct lightning strike which has knocked out communications.				
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<b>High winds from thunderstorms caused damage in parts of southwest Alabama.</b>				
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<b>MOBILE COUNTY --- TILLMANS CORNER [30.58, -88.13]</b>				
	05/30/12 14:00 CST		0	Hail (1.00 in)
	05/30/12 14:02 CST		0	Source: Emergency Manager
<hr/>				
<b>MOBILE COUNTY --- 8.0 SW MOBILE BATES FLD [30.60, -88.33]</b>				
	05/30/12 14:15 CST		0	Hail (1.25 in)
	05/30/12 14:17 CST		0	Source: Emergency Manager
<hr/>				
<b>BALDWIN COUNTY --- ELSANOR [30.55, -87.58]</b>				
	05/30/12 14:18 CST		8K	Thunderstorm Wind (EG 52 kt)
	05/30/12 14:20 CST		0	Source: Emergency Manager
<hr/>				
Winds estimated at 60 mph blew down a fence and blew patio furniture across the yard and ripped off siding.				
<hr/>				
<b>MOBILE COUNTY --- 6.0 SW MOBILE BROOKLEY FLD [30.56, -88.12]</b>				
	05/30/12 14:20 CST		0	Hail (1.25 in)
	05/30/12 14:22 CST		0	Source: NWS Employee
<hr/>				
<b>MONROE COUNTY --- FRISCO CITY [31.43, -87.42]</b>				
	05/30/12 16:07 CST		0	Hail (1.00 in)
	05/30/12 16:09 CST		0	Source: Emergency Manager
<hr/>				
<b>Thunderstorms developed across southwest Alabama and produced large hail and damaging winds.</b>				
<hr/>				
<b>BUTLER COUNTY --- 2.0 S GREENVILLE [31.80, -86.63]</b>				
	05/31/12 14:15 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/31/12 14:17 CST		0	Source: Emergency Manager
<hr/>				
Winds estimated at 60 mph blew a tree on to power lines.				
<hr/>				
<b>MONROE COUNTY --- 3.0 SE EXCEL [31.40, -87.31]</b>				
	05/31/12 17:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/31/12 17:17 CST		0	Source: Trained Spotter
<hr/>				
Winds estimated at 60 mph blew a shed over and rain gutter torn off house on Beulah Campground Rd.				
<hr/>				
<b>High winds from thunderstorms produced minor damage in southwest Alabama.</b>				

## Storm Data and Unusual Weather Phenomena - May 2012

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