

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>FAYETTE COUNTY --- 2.4 NNW HUBERTVILLE [33.85, -87.77], 2.3 NNW HUBERTVILLE [33.85, -87.77], 2.2 NNW HUBERTVILLE [33.85, -87.77], 2.4 NNW HUBERTVILLE [33.85, -87.77]</b>				
	07/04/13 16:30 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 19:30 CST		0	Source: County Official
A culvert was washed out on Jackson Robertson Road, just off of Sand Springs Road.				
<b>WINSTON COUNTY --- 2.4 ESE INMANFIELD [34.24, -87.14], 2.7 E INMANFIELD [34.24, -87.13], 2.9 ESE INMANFIELD [34.24, -87.13], 2.5 ESE INMANFIELD [34.24, -87.14]</b>				
	07/04/13 16:40 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 21:40 CST		0	Source: Public
A portion of County Road 80 was washed out at the Rock Creek bridge.				
<b>MARION COUNTY --- 3.6 SSE WHITEHOUSE [34.08, -87.71], 3.1 NNE GOLDMINE [34.07, -87.71], 3.5 NNE GOLDMINE [34.07, -87.70], 3.7 SSE WHITEHOUSE [34.08, -87.71]</b>				
	07/05/13 18:45 CST		0	Flash Flood (due to Heavy Rain)
	07/05/13 23:45 CST		0	Source: Public
Up to 8 inches of water was flowing across portions of County Road 70, as well as County Road 46, near Brilliant.				
<b>WINSTON COUNTY --- 0.9 WNW HALEYVILLE [34.24, -87.63], 0.6 W HALEYVILLE [34.23, -87.63], 1.0 W HALEYVILLE [34.23, -87.64], 1.0 WNW HALEYVILLE [34.24, -87.64]</b>				
	07/05/13 19:45 CST		0	Flash Flood (due to Heavy Rain)
	07/05/13 23:45 CST		0	Source: Public
Approximately 12 inches of water was covering Highway 13, near Dime Road. Mud slides were also reported along Alabama Avenue, near the old textile plant.				
<p>The first week of July 2013 was a wet one as a plume of tropical moisture streamed northward from the Gulf of Mexico, across the southeastern United States, and northeastward along the Appalachians. With a persistent mid level trough to its west and a ridge to its east, this stream of moisture continued for many days. Precipitable water values reached over two inches locally and after several days of widespread rainfall, ground conditions became saturated. On Thursday, July 4th and Friday, July 5th, heavy rain bands set up across portions of Central Alabama and caused isolated flash flooding. Isolated rainfall amounts across portions of northwest Central Alabama reached over four inches.</p>				
<b>CHEROKEE COUNTY --- 0.9 NE CENTRE [34.16, -85.67]</b>				
	07/08/13 15:19 CST		0	Heavy Rain
	07/08/13 16:19 CST		0	Source: Emergency Manager
Heavy rainfall caused Park St near Alabama Highway 9 to become impassable due to water covering the roadway. One person had to be rescued from their vehicle.				
<p>On Monday, July 8, a weak upper level low over the Tennessee Valley and northeast Central Alabama, coupled with high moisture content, aided in thunderstorm development during the afternoon hours. Heavy rainfall caused isolated flooding in Cherokee County where a water rescue was needed.</p>				
<b>MONTGOMERY COUNTY --- 2.4 SSE MONTGOMERY [32.35, -86.28], 2.5 SSE MONTGOMERY [32.35, -86.28], 2.6 SSE MONTGOMERY [32.34, -86.28], 2.7 SSE MONTGOMERY [32.35, -86.28]</b>				
	07/09/13 15:30 CST		0	Flash Flood (due to Heavy Rain)
	07/09/13 17:30 CST		0	Source: Emergency Manager
Heavy rainfall rates of nearly 2 inches per hour led to approximately 2 feet of water across Woodley Road at the intersection of Narrow Lane.				
<b>SHELBY COUNTY --- 4.1 NE QUITO [33.42, -86.70], 4.3 NE QUITO [33.42, -86.69], 4.2 NE QUITO [33.42, -86.70], 4.1 NE QUITO [33.42, -86.70]</b>				
	07/10/13 17:20 CST		0	Flash Flood (due to Heavy Rain)
	07/10/13 20:20 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several thunderstorm outflow boundaries collided, resulting in a prolonged heavy rain event over portions of southeast metro Birmingham, where radar estimated over four inches of rain fell. This resulted in over 12 inches of water covering U.S. Highway 280, at the Inverness Center Drive intersection. Numerous cars were trapped in quickly rising waters, and the heavily traveled highway was closed during rush hour. Additionally, Brookhighland Parkway became flooded, with several cars trapped.				

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<b>SHELBY COUNTY --- 3.7 ENE QUITO [33.40, -86.69], 3.9 ENE QUITO [33.39, -86.68], 3.4 E QUITO [33.39, -86.69], 3.2 ENE QUITO [33.39, -86.70]</b>				
	07/10/13 17:45 CST		0	Flash Flood (due to Heavy Rain)
	07/10/13 21:45 CST		0	Source: Amateur Radio

Up to 6 inches of flowing water was covering portions of Highway 119, at the Broken Bow subdivision, near Briarwood High School.

**On Tuesday and Wednesday, July 9 and 10, scattered, diurnally driven thunderstorms developed across the area in a tropical airmass. This resulted in heavy rainfall and isolated flash flooding.**

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<b>HALE COUNTY --- 1.4 WSW SLEDGE [32.56, -87.60], 1.8 SE BLACKSAND [32.55, -87.60], 1.5 SSW SLEDGE [32.55, -87.59], 0.8 SW SLEDGE [32.56, -87.59]</b>				
	07/11/13 05:30 CST		0	Flash Flood (due to Heavy Rain)
	07/11/13 11:30 CST		0	Source: Emergency Manager

Ten homes sustained water damage due to flash flooding. The water depth in some of the homes was approximately one to one and a half feet.

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<b>MARENGO COUNTY --- 2.4 WSW DAYTON [32.34, -87.67], 3.1 N HUGO [32.31, -87.67], 2.5 NW MC KINLEY [32.33, -87.56], 4.2 N MC KINLEY [32.36, -87.54]</b>				
	07/11/13 05:45 CST		0	Flash Flood (due to Heavy Rain)
	07/11/13 11:45 CST		0	Source: Law Enforcement

Several roads were impassable due to flash flooding in northern Marengo County, including County Road 39, between Highway 25 and County Road 33. A bridge was washed out on County Road 44, between Highway 25 and County Road 53. Additionally, a portion of 6th Avenue between Highway 25 and Chestnut Street was washed out.

**On Thursday, July 11th, a mesoscale convective system (MCS) developed across the Tennessee Valley and pushed southward into Central Alabama. New development along the western edge of the MCS developed southwestward and resulted in isolated flash flooding.**

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<b>ST. CLAIR COUNTY --- 4.2 SSW ASHVILLE [33.78, -86.29]</b>				
	07/17/13 16:53 CST		0	Thunderstorm Wind (EG 55 kt)
	07/17/13 16:53 CST		0	Source: Emergency Manager

Several trees were uprooted near the junction of Highway 231 and Shoal Creek Road.

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<b>ST. CLAIR COUNTY --- 2.8 SSW ASHVILLE [33.79, -86.26]</b>				
	07/17/13 16:54 CST		0	Hail (0.88 in)
	07/17/13 16:54 CST		0	Source: Broadcast Media

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<b>ST. CLAIR COUNTY --- 0.6 W ASHVILLE [33.83, -86.26]</b>				
	07/17/13 16:55 CST		0	Hail (1.00 in)
	07/17/13 16:55 CST		0	Source: Broadcast Media

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<b>HALE COUNTY --- 3.6 NNE GREENSBORO MUNI ARPT [32.73, -87.65]</b>				
	07/17/13 22:20 CST		0	Hail (0.75 in)
	07/17/13 22:20 CST		0	Source: Emergency Manager

**On Wednesday, July 17, thunderstorms developed during the afternoon in an unstable airmass where CAPE values ranged from 3500-4000 J/kg. Thunderstorm development continued along outflow boundary collisions and resulted in isolated hail and damaging winds. An upper level impulse crossed the area during the late evening and overnight, aiding continued thunderstorm activity which produced small hail.**

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<b>AUTAUGA COUNTY --- 60.1 N BILLINGSLEY [33.51, -86.88], 60.3 N BILLINGSLEY [33.51, -86.88], 60.3 N BILLINGSLEY [33.51, -86.88], 60.1 N BILLINGSLEY [33.51, -86.88]</b>				
	07/21/13 20:30 CST		0	Flash Flood (due to Heavy Rain)
	07/22/13 00:30 CST		0	Source: Official NWS Observations

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Heavy rain fell over a 3 hour period, resulting in a rise in Village Creek at Avenue W in Ensley. The creek exceeded flood stage at 9:30 pm CDT and remained at or above flood stage until 11:15 pm. In 3 hours, Village Creek rose 7 feet.</p> <p><b>On Sunday, July 21, several upper level impulses crossed the region and helped maintain widespread shower and thunderstorm development through the day. This synoptic support combined with outflow boundary interactions, slow storm motions, and deep tropical moisture resulted in several waves of heavy rainfall across portions of Birmingham, causing isolated flash flooding along Village Creek.</b></p>				
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<b>LAMAR COUNTY --- 1.1 E DETROIT [34.03, -88.15]</b>				
	07/23/13 10:20 CST	0		Thunderstorm Wind (EG 55 kt)
	07/23/13 10:20 CST	0		Source: Emergency Manager
<p>Several trees were uprooted in northern Lamar County.</p>				
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<b>MARION COUNTY --- 0.6 W TWIN [34.00, -87.86]</b>				
	07/23/13 10:33 CST	0		Thunderstorm Wind (EG 50 kt)
	07/23/13 10:33 CST	0		Source: Public
<p>A tree was uprooted in the Twin Community.</p>				
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<b>FAYETTE COUNTY --- 1.1 W COVIN [33.68, -87.90]</b>				
	07/23/13 11:20 CST	0		Thunderstorm Wind (EG 55 kt)
	07/23/13 11:20 CST	0		Source: State Official
<p>Trees were uprooted near the junction of Blue Ridge Cutoff and Highway 96.</p>				
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<b>FAYETTE COUNTY --- 0.6 E BANKSTON [33.67, -87.67]</b>				
	07/23/13 11:27 CST	0		Thunderstorm Wind (EG 50 kt)
	07/23/13 11:27 CST	0		Source: Emergency Manager
<p>Trees were uprooted near Highway 18 in Bankston.</p>				
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<b>WALKER COUNTY --- 0.9 SW COAL VLY [33.71, -87.39]</b>				
	07/23/13 11:45 CST	0		Thunderstorm Wind (EG 55 kt)
	07/23/13 11:45 CST	0		Source: Emergency Manager
<p>Several trees were uprooted along Highway 18 in Oakman.</p>				
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<b>TUSCALOOSA COUNTY --- 2.1 NNE COKER [33.26, -87.69]</b>				
	07/23/13 12:21 CST	0		Thunderstorm Wind (EG 55 kt)
	07/23/13 12:21 CST	0		Source: Emergency Manager
<p>Several trees were uprooted at the junction of Romulus Road and Highway 82.</p>				
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<b>JEFFERSON COUNTY --- 0.9 SE MOUNTAIN BROOK [33.49, -86.74]</b>				
	07/23/13 12:41 CST	0		Thunderstorm Wind (EG 50 kt)
	07/23/13 12:41 CST	0		Source: Amateur Radio
<p>One tree was uprooted and fell onto two cars in Mountain Brook.</p>				
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<b>SHELBY COUNTY --- 5.0 NE QUITO [33.44, -86.70]</b>				
	07/23/13 13:05 CST	0		Thunderstorm Wind (EG 55 kt)
	07/23/13 13:05 CST	0		Source: Emergency Manager
<p>Several roads were uprooted near Cahaba Beach Road.</p>				
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<b>BLOUNT COUNTY --- 1.8 SW HAYDEN [33.86, -86.79], 2.2 SW HAYDEN [33.86, -86.80], 2.2 WSW HAYDEN [33.86, -86.80], 1.6 WSW HAYDEN [33.87, -86.79]</b>				
	07/23/13 13:30 CST	0		Flash Flood (due to Heavy Rain)
	07/23/13 15:30 CST	0		Source: Emergency Manager

Up to 4 inches of rain fell in a short amount of time and led to flash flooding across western Blount County. Several roads became impassable due to flowing water.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MARENGO COUNTY --- 0.7 N DEMOPOLIS [32.53, -87.83]</b>				
	07/23/13 13:30 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/13 13:30 CST		0	Source: Public
Trees were reported down near County Road 2 and Arcola Road, east of Demopolis.				
<b>DALLAS COUNTY --- 1.4 N SELMA [32.42, -87.02]</b>				
	07/23/13 13:58 CST		0	Thunderstorm Wind (EG 60 kt)
	07/23/13 13:58 CST		0	Source: Emergency Manager
Several trees were uprooted, along with downed powerlines in and around Selma. The Crown Chicken building sustained minor roof damage and several homes were damaged due to fallen trees.				
<b>AUTAUGA COUNTY --- 2.4 WSW BONITA [32.54, -86.87]</b>				
	07/23/13 14:05 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 14:05 CST		0	Source: Emergency Manager
A few trees were uprooted near the Jones community.				
<b>AUTAUGA COUNTY --- 3.2 WNW AUTAUGAVILLE [32.45, -86.72]</b>				
	07/23/13 14:10 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 14:10 CST		0	Source: Emergency Manager
Several trees were reported down along Highway 14 and County Road 45, just west of Autaugaville.				
<b>MONTGOMERY COUNTY --- 0.7 S SNOWDOWN [32.24, -86.30]</b>				
	07/23/13 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 14:20 CST		0	Source: NWS Employee
A large tree was uprooted in Snowdown.				
<b>ELMORE COUNTY --- 1.8 NE JORDAN LAKE [32.67, -86.28]</b>				
	07/23/13 14:39 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/13 14:39 CST		0	Source: Emergency Manager
Trees and powerlines were downed, with one tree causing damage to a home.				
<b>ELMORE COUNTY --- 1.9 WNW COBBS FORD [32.54, -86.35]</b>				
	07/23/13 14:39 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 14:39 CST		0	Source: Emergency Manager
Trees were uprooted near Harris Road and Politic Road.				
<b>ELMORE COUNTY --- 0.8 SSE ROBINSON SPGS [32.51, -86.38]</b>				
	07/23/13 14:40 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/13 14:40 CST		0	Source: Emergency Manager
Trees were reported down across portions of Millbrook, including several trees down along Highway 143, Ingram Road, and Myrick Road.				
<b>ELMORE COUNTY --- 1.5 NNW HOLTVILLE [32.65, -86.33]</b>				
	07/23/13 14:45 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 14:45 CST		0	Source: Emergency Manager
Trees were uprooted near Lighthouse Road and Narrow Loop.				
<b>ELMORE COUNTY --- 1.4 ESE WETUMPKA [32.54, -86.20]</b>				
	07/23/13 14:50 CST		0	Thunderstorm Wind (MG 54 kt)
	07/23/13 14:50 CST		0	Source: Storm Chaser
Trees and powerlines were reported down in and around the Wetumpka and Elmore areas.				

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<b>MONTGOMERY COUNTY --- 2.1 SSE MONTGOMERY [32.35, -86.29]</b>				
	07/23/13 14:50 CST		0	Thunderstorm Wind (EG 65 kt)
	07/23/13 14:50 CST		0	Source: NWS Storm Survey
Approximately 25 softwood trees were snapped or uprooted, and minor structural damage occurred to several homes from fallen trees. This damage was the result of a microburst, with maximum straight line winds up to 75 miles per hour.				
<b>ELMORE COUNTY --- COOSADA [32.50, -86.33]</b>				
	07/23/13 15:10 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/13 15:10 CST		0	Source: Emergency Manager
Trees and powerlines were downed in and around Coosada.				
<b>ELMORE COUNTY --- 0.9 NE TALLASSEE [32.54, -85.89]</b>				
	07/23/13 15:20 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 15:20 CST		0	Source: Emergency Manager
A few trees were uprooted in and around Tallasee.				
<b>TALLAPOOSA COUNTY --- 0.6 W REELTOWN [32.60, -85.81]</b>				
	07/23/13 15:30 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 15:30 CST		0	Source: Emergency Manager
Several trees were reported down on Macedonia Road in Reeltown.				
<b>MACON COUNTY --- 1.2 E GREENWOOD [32.42, -85.68]</b>				
	07/23/13 15:33 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/13 15:33 CST		0	Source: Emergency Manager
Multiple trees were down near South Main Street, Lee Street and Elm Street.				
<b>PIKE COUNTY --- 2.1 SSE ALRED [31.77, -86.01]</b>				
	07/23/13 15:40 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/13 15:40 CST		0	Source: State Official
Several trees were uprooted near Hephzibah.				
<p><b>On Tuesday, July 23, several rounds of convection, aided by upper level impulses crossing the area in an active northwesterly flow pattern, affected Central Alabama through the day. The strongest and most organized of these was a mesoscale convective system (MCS) that moved into northwest Central Alabama during the late morning hours and push southeastward, producing damaging winds across much of the area. Heavy rainfall also caused isolated flash flooding in Blount County.</b></p>				
<b>TALLAPOOSA COUNTY --- 0.9 NW NEWSITE [33.04, -85.78]</b>				
	07/24/13 11:52 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/13 11:52 CST		0	Source: Emergency Manager
Severe trees were reported down across roadways near New Site.				
<b>TALLAPOOSA COUNTY --- 1.5 SSE HAMLET [32.98, -85.74]</b>				
	07/24/13 11:55 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 11:55 CST		0	Source: Emergency Manager
Several trees were uprooted in the Horseshoe Bend area. Other trees were also reported down across the eastern portion of Tallapoosa County, and several homes sustained damage from fallen trees.				
<b>TALLAPOOSA COUNTY --- 0.9 NW DAVISTON [33.06, -85.64]</b>				
	07/24/13 11:59 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 11:59 CST		0	Source: Emergency Manager
Trees were reported down in several locations in Daviston.				
<b>CHAMBERS COUNTY --- 0.9 SW TRAMMEL XRDS [32.96, -85.53]</b>				

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	07/24/13 12:10 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/13 12:10 CST		0	Source: Public

A few trees were uprooted in the western portion of Chambers County.

<b>CHAMBERS COUNTY --- 1.2 W LAFAYETTE [32.90, -85.40]</b>				
	07/24/13 12:27 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 12:27 CST		0	Source: Emergency Manager

Trees were reported down in the city of Lafayette, causing numerous power outages.

<b>CHAMBERS COUNTY --- 1.4 S CUSSETA [32.76, -85.28]</b>				
	07/24/13 12:45 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 12:45 CST		0	Source: Public

Numerous trees were uprooted along the Interstate 85 corridor in Chambers County.

<b>LEE COUNTY --- 0.6 W OPELIKA [32.65, -85.38]</b>				
	07/24/13 12:45 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 12:45 CST		0	Source: Emergency Manager

Trees were uprooted in several locations in and around Opelika.

<b>LEE COUNTY --- 1.5 NNE PINE GROVE [32.72, -85.24]</b>				
	07/24/13 12:46 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/13 12:46 CST		0	Source: State Official

Trees were downed along Highway 29 near Beans Mill.

<b>RUSSELL COUNTY --- 2.4 SSE CRAWFORD [32.42, -85.16]</b>				
	07/24/13 13:20 CST		0	Thunderstorm Wind (EG 55 kt)
	07/24/13 13:20 CST		0	Source: State Official

Several trees were uprooted in locations south of Highway 80 in the Dixie Community, including along North Harrington Road and along Highway 169 near Boswell Road.

<b>ELMORE COUNTY --- 2.1 SSW WEOKA [32.69, -86.19], 2.4 SSW WEOKA [32.69, -86.19], 2.5 NNW WALLSBURG [32.68, -86.19], 2.1 S WEOKA [32.69, -86.18]</b>				
	07/24/13 17:45 CST		0	Flash Flood (due to Heavy Rain)
	07/24/13 21:45 CST		0	Source: Emergency Manager

Heavy rainfall in a short amount of time led to several inches of rain across the southern portion of Elmore County. One home in the Ten Cedar Estates community reported up to 12 inches of water inside the residence.

**On Wednesday, July 24, a series of upper level disturbances in an active northwesterly flow pattern aided in thunderstorm development across north Alabama. A small cluster of storms tracked southeastward across east Alabama, producing sporadic wind damage.**

<b>PIKE COUNTY --- 0.7 N TROY [31.81, -85.97], 0.7 ENE TROY [31.80, -85.96], 1.1 ENE TROY [31.81, -85.95], 1.1 NE TROY [31.81, -85.96]</b>				
	07/30/13 22:42 CST		0	Flash Flood (due to Heavy Rain)
	07/31/13 04:42 CST		0	Source: State Official

Several hours of heavy rainfall led to rainfall accumulations of approximately 3.57 inches. This led to about 6 inches of flowing water over several roadways in downtown Troy, including Elm Street, which was temporarily impassable due to the high water.

**On Tuesday, July 30, an upper level shortwave crossed the southeastern United States and interacted with a stalled front across south Central Alabama, resulting in scattered thunderstorms. As outflow boundaries collided, thunderstorms continued to redevelop over Troy, resulting in flash flooding.**

### ALABAMA, North

<b>MORGAN COUNTY --- 0.7 S DECATUR [34.61, -86.98], 0.7 S DECATUR [34.61, -86.98], 0.7 S DECATUR [34.61, -86.98], 0.7 S DECATUR [34.61, -86.98]</b>				
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## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/04/13 10:18 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 16:18 CST		0	Source: State Official

An apartment complex was evacuated due to high water.

**LIMESTONE COUNTY --- 2.1 N FRENCH MILL [34.80, -86.88]**

	07/04/13 10:19 CST		0	Heavy Rain
	07/04/13 10:19 CST		0	Source: Trained Spotter

Water was over Mooresville Road. The depth was unknown at this time.

**LIMESTONE COUNTY --- 0.5 NE CAPSHAW [34.78, -86.79], 0.4 N CAPSHAW [34.77, -86.80], 0.2 NNE CAPSHAW [34.77, -86.80], 4.0 E CAPSHAW [34.77, -86.73], 4.0 E CAPSHAW [34.78, -86.73]**

	07/04/13 12:00 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 18:00 CST		0	Source: Law Enforcement

Capshaw Road was closed at Sanderson Road and between Wall Triana and Nance Roads. Several other roads in east Limestone county were also reported closed due to heavy rain and flash flooding.

**LIMESTONE COUNTY --- 1.4 S ATHENS [34.78, -86.98], 1.4 S ATHENS [34.78, -86.98], 0.2 SE ATHENS [34.80, -86.98], 0.2 SSE ATHENS [34.80, -86.98]**

	07/04/13 12:00 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 18:00 CST		0	Source: Law Enforcement

Lavert Avenue was closed due to flash flooding.

**MADISON COUNTY --- 1.2 ESE MADISON [34.70, -86.75], 0.9 W MADISON [34.70, -86.79], 2.6 NNW MADISON [34.73, -86.79], 2.0 NE MADISON [34.72, -86.75]**

	07/04/13 12:20 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 18:20 CST		0	Source: Law Enforcement

Flash flooding covered Balch and Mill Roads, and Mill Creek Greenway. Walden Glen at Browns Ferry Road was closed.

**CULLMAN COUNTY --- 1.8 SSW CORINTH [34.28, -87.08], 2.6 SSW CORINTH [34.26, -87.08], 2.3 S CORINTH [34.27, -87.07], 1.6 S CORINTH [34.28, -87.07]**

	07/04/13 12:30 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 16:30 CST		0	Source: Trained Spotter

The bridge was under water over Crooked Creek, on County Road 1059, just north of Jones Chapel.

**MORGAN COUNTY --- 0.6 WSW CEDAR LAKE [34.55, -86.98], 0.6 WNW CEDAR LAKE [34.55, -86.98], 1.1 ESE MOULTON HGTS [34.59, -87.00], 1.0 S GRIFFIN ADDITION [34.57, -87.03], 0.6 N BASHAM [34.53, -87.02]**

	07/04/13 13:45 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 19:45 CST		0	Source: Broadcast Media

Flooding affected homes along Chesapeake Trail. A car was nearly completely submerged by water near Ray Avenue. Many sections of Danville Road were flooded.

**MORGAN COUNTY --- 0.9 SW DANVILLE [34.41, -87.09], 0.4 NW DANVILLE [34.42, -87.08], 1.1 WNW DANVILLE [34.42, -87.10], 1.1 WSW DANVILLE [34.41, -87.10]**

	07/04/13 13:45 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 19:45 CST		0	Source: Broadcast Media

Danville Road was closed just north of Highway 36 due to a large part of the road being washed away. Significant repairs were necessary to repair this roadway. Other parts of Danville Road were closed due to significant heavy rain and high water.

**MORGAN COUNTY --- 0.4 NNE OAKWORTH [34.58, -86.98], 0.7 ENE OAKWORTH [34.58, -86.97], 0.7 ENE OAKWORTH [34.57, -86.97], 0.4 NE OAKWORTH [34.57, -86.98], 0.7 ENE AUSTINVILLE [34.58, -86.99], 0.9 NE AUSTINVILLE [34.58, -86.99]**

	07/04/13 14:15 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 19:15 CST		0	Source: Emergency Manager

Country Club Road and Stratford Road was closed, near 6th Avenue SE/Highway 31, due to heavy rain and high water (unknown depth).

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAWRENCE COUNTY --- 0.9 NW MOULTON [34.49, -87.29], 0.7 W MOULTON [34.48, -87.29], 0.2 W MOULTON [34.48, -87.28], 0.7 NNW MOULTON [34.49, -87.28]</b>				
	07/04/13 14:35 CST		50K	Flash Flood (due to Heavy Rain)
	07/04/13 20:00 CST		0	Source: Emergency Manager
Numerous roads, between Main Street and Court Street, were closed in Moulton due to heavy rain and high water. Tankersly Avenue and Sparkman Road were covered with high water and barricaded. In addition, several homes along Main Street, Katherine Avenue and Littrell Circle, sustained water damage from high water.				
<b>LAWRENCE COUNTY --- 0.9 NW MOULTON [34.49, -87.29], 0.9 NW MOULTON [34.49, -87.29], 0.7 NNW MOULTON [34.49, -87.29], 0.8 NNW MOULTON [34.49, -87.29]</b>				
	07/04/13 14:35 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 20:00 CST		0	Source: Emergency Manager
Water was in several homes and over a foot of water was along Main Street, Katherine Drive and Littrell Circle.				
<b>LIMESTONE COUNTY --- 0.5 WNW SALEM CORNER [34.70, -86.89], 1.0 NW PEETS CORNER [34.74, -86.89], 1.8 NE PEETS CORNER [34.75, -86.86], 1.2 NW OAKLAND EAST [34.74, -86.83], 0.9 ENE BURGREN CORNER [34.74, -86.79], 3.1 SE PARKER [34.68, -86.79]</b>				
	07/04/13 15:40 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 20:00 CST		0	Source: Law Enforcement
Fifteen area and county roads were closed due to high water in southeastern Limestone county, from near Mooresville Road to along and northeast of Huntsville Browns ferry Road. Water was at least a foot to a foot and a half deep.				
<b>LAWRENCE COUNTY --- 0.9 WNW MOULTON [34.48, -87.29], 0.9 W MOULTON [34.48, -87.30], 0.6 W MOULTON [34.48, -87.29], 0.7 WNW MOULTON [34.48, -87.29]</b>				
	07/04/13 15:52 CST		10K	Flash Flood (due to Heavy Rain)
	07/04/13 16:05 CST		0	Source: Emergency Manager
Rising water caused a fuel leak in downtown Moulton, Court Street. About 200 gallons of gasoline leaked out due to flood waters. Emergency personnel contained the spill within about 15 minutes. No injuries or additional impacts reported.				
<b>LIMESTONE COUNTY --- 2.1 SSE BURGREN CORNER [34.70, -86.79], 2.0 SSE BURGREN CORNER [34.70, -86.79], 2.1 SSE BURGREN CORNER [34.70, -86.79], 2.2 SSE BURGREN CORNER [34.70, -86.79]</b>				
	07/04/13 17:25 CST		0	Flash Flood (due to Heavy Rain)
	07/04/13 20:00 CST		0	Source: Law Enforcement
Arbor Trace near County Line Road was closed due to flooding. The report was relayed via social media.				
<b>CULLMAN COUNTY --- 0.9 NW WEST PT [34.24, -86.96], 0.5 SSW JONES CHAPEL [34.21, -87.05], 0.4 NNE BATTLEGROUNDS [34.30, -87.00], 1.3 WNW CENTERVILLE [34.29, -86.95]</b>				
	07/04/13 18:00 CST		0	Flood (due to Heavy Rain)
	07/06/13 18:00 CST		0	Source: Emergency Manager
Areal flooding persisted on fields and some roadways through the 6th.				
<b>LAWRENCE COUNTY --- 4.9 NNW TRINITY [34.69, -87.11], 4.2 SW PENN [34.30, -87.11], 24.7 WSW DANVILLE ARPT [34.31, -87.53], 25.4 WNW DANVILLE ARPT [34.57, -87.53], 23.3 WNW TRINITY [34.80, -87.43]</b>				
	07/04/13 18:00 CST		0	Flood (due to Heavy Rain)
	07/06/13 18:00 CST		0	Source: Broadcast Media
Areal flooding persisted on fields and some roadways through the 6th.				
<b>LIMESTONE COUNTY --- 2.6 SE NEW HOPE [34.55, -86.79], 8.0 SW WHEELER LAKE NORTH [34.76, -87.26], 2.1 NNW UNION HILL [35.00, -87.21], 3.7 E ARDMORE [34.99, -86.78]</b>				
	07/04/13 18:00 CST		0	Flood (due to Heavy Rain)
	07/06/13 18:00 CST		0	Source: Broadcast Media
Areal flooding persisted on fields and some roadways through the 6th.				
<b>MADISON COUNTY --- 3.7 E ARDMORE [34.99, -86.78], 13.5 ENE BETHEL [34.99, -86.60], 4.5 ESE SWANCOTT [34.59, -86.72], 2.6 SE NEW HOPE [34.55, -86.79]</b>				



## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/04/13 18:00 CST		0	Flood (due to Heavy Rain)
	07/06/13 18:00 CST		0	Source: Broadcast Media

Areal flooding persisted on fields and some roadways through the 6th.

**MORGAN COUNTY --- 3.4 NW TALUCAH [34.59, -86.72], 2.8 SSW COLE SPGS [34.31, -86.85], 3.4 SW PENN [34.32, -87.11], 4.9 NNW TRINITY [34.69, -87.11]**

	07/04/13 18:00 CST		0	Flood (due to Heavy Rain)
	07/06/13 18:00 CST		0	Source: Broadcast Media

Areal flooding persisted on fields and some roadways through the 6th.

**LIMESTONE COUNTY --- 2.7 NW CAPSHAW [34.80, -86.83]**

	07/04/13 18:35 CST		0	Heavy Rain
	07/04/13 18:35 CST		0	Source: Public

Since midnight LST, the public reported a storm total rainfall of 8.21 inches approximately 3 miles northwest of Capshaw. This report was relayed via social media.

**MADISON COUNTY --- JEFF [34.82, -86.72]**

	07/04/13 19:10 CST		0	Heavy Rain
	07/04/13 19:10 CST		0	Source: Trained Spotter

Additional heavy rain caused water to rise once again near Stagecoach Road in Monrovia. Several inches of water was over the road there (unknown depth).

**A nearly stationary band of heavy rain developed on the 4th of July across portions of northwest and north central Alabama. A bulk of the rainfall occurred during the late morning through late afternoon hours. The hardest hit counties were Lawrence, eastern Limestone, western Madison and Morgan Counties where 5 to 10 inches of rain were measured. Widespread areal flooding occurred and numerous roads were closed or became impassible in some areas through the evening of July 6th.**

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Sinkhole developed along Danville Road from excessive rainfall on July 4th*

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**MARSHALL COUNTY --- HEBRON [34.48, -86.38]**

07/05/13 13:00 CST	0	Funnel Cloud
07/05/13 13:05 CST	0	Source: Public

A public report was relayed through the broadcast media of a funnel cloud viewed from Hebron, Alabama. The funnel's appearance based on a photo suggested a landspout type of funnel cloud. The condensation cloud was not observed to reach the ground, but it is unknown if a circulation was on the ground based strictly on the photo. Time is estimated by radar images of a shower or thunderstorm in this general vicinity.

**A landspout funnel cloud was observed by the public in the town of Hebron, AL in northwest Marshall County.**

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Photo by Michelle Poarch. Hebron, AL.*

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**MARSHALL COUNTY --- 1.1 NNW HEBRON [34.50, -86.39], 1.7 NNW HEBRON [34.50, -86.39], 1.6 N HEBRON [34.50, -86.38], 1.2 N HEBRON [34.50, -86.38]**

	07/07/13 17:21 CST	0	Flash Flood (due to Heavy Rain)
	07/07/13 19:30 CST	0	Source: Emergency Manager

Isolated flash flooding occurred along New Hope Highway and Barnard Drive where water was flowing across the roads with a depth of one to two feet.

**A weak mid level trough was moving across the area, resulting in the development of thunderstorms that produced very heavy rainfall and isolated flash flooding in northeast Alabama.**

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**JACKSON COUNTY --- 8.0 NE SKYLINE [34.90, -86.02]**

	07/10/13 19:54 CST	15K	Thunderstorm Wind (EG 52 kt)
	07/10/13 19:55 CST	0	Source: Emergency Manager

Multiple trees were downed by thunderstorm winds in the Hytop and Skyline areas.

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**MADISON COUNTY --- MADISON [34.70, -86.77]**

	07/10/13 20:28 CST	10K	Thunderstorm Wind (EG 43 kt)
	07/10/13 20:29 CST	0	Source: Law Enforcement

A large tree was downed by thunderstorm winds across Randolph Avenue near downtown Huntsville.

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAUDERDALE COUNTY --- THREET [34.95, -87.82]</b>				
	07/10/13 21:05 CST		0	Hail (0.75 in)
	07/10/13 21:06 CST		0	Source: Public
Penny sized hail was reported near Threet Alabama.				
<b>MADISON COUNTY --- 4.0 SSW HARVEST [34.80, -86.80]</b>				
	07/10/13 21:23 CST		15K	Thunderstorm Wind (EG 52 kt)
	07/10/13 21:24 CST		0	Source: Trained Spotter
Several trees were blown down by thunderstorm winds around Pine Grove road and Sam Thomas Road.				
<b>LAUDERDALE COUNTY --- 2.0 WSW ROGERSVILLE [34.82, -87.31]</b>				
	07/10/13 21:30 CST		5K	Thunderstorm Wind (EG 43 kt)
	07/10/13 21:31 CST		0	Source: Emergency Manager
A tree was blown down by thunderstorm winds near Mclean Drive, which is near Joe Wheeler State Park. This resulted in a minor traffic accident, although no injuries were reported.				
<b>MADISON COUNTY --- 0.6 E OWENS XRDS [34.58, -86.46], 0.7 E OWENS XRDS [34.58, -86.46], 0.7 E OWENS XRDS [34.58, -86.46], 0.6 E OWENS XRDS [34.58, -86.46]</b>				
	07/10/13 21:50 CST		0	Flash Flood (due to Heavy Rain)
	07/10/13 23:00 CST		0	Source: Public
Around twelve inches of water was flowing across the road at Tarkiln Branch near the Bristol Creek subdivision.				
<b>MADISON COUNTY --- 1.8 WNW REDSTONE AAF [34.69, -86.73], 1.7 NW REDSTONE AAF [34.70, -86.72], 1.5 NW REDSTONE AAF [34.70, -86.72], 1.7 WNW REDSTONE AAF [34.69, -86.73]</b>				
	07/10/13 21:51 CST		0	Flash Flood (due to Heavy Rain)
	07/10/13 23:00 CST		0	Source: Law Enforcement
Shelton Road near Water Hill road was closed due to over a foot of water flowing across the road due to flash flooding.				
<b>LAUDERDALE COUNTY --- 2.0 E WRIGHT [34.92, -87.94]</b>				
	07/10/13 22:16 CST		2K	Lightning
	07/10/13 22:16 CST		0	Source: Emergency Manager
A lightning strike resulted in an outbuilding catching fire near the Central community, near Wright, Alabama.				
<b>LAUDERDALE COUNTY --- 3.0 ESE FLORENCE [34.78, -87.62]</b>				
	07/10/13 22:30 CST		15K	Thunderstorm Wind (EG 52 kt)
	07/10/13 22:31 CST		0	Source: Emergency Manager
Two trees were downed due to thunderstorm winds onto a residential structure on Lakeside Drive near Florence, Alabama.				
<b>MADISON COUNTY --- 0.7 S DUG HILL [34.71, -86.50], 0.8 S DUG HILL [34.71, -86.50], 0.9 S DUG HILL [34.71, -86.50], 0.8 S DUG HILL [34.71, -86.50]</b>				
	07/10/13 23:00 CST		0	Flash Flood (due to Heavy Rain)
	07/11/13 00:30 CST		0	Source: Public
Approximately 12 inches of water was flowing across Williams and Broad Drive and Buckeye Lane due to flash flooding. Flood water was seen in crawl spaces and residents could see debris hung in fences about a foot off the ground.				
<b>MADISON COUNTY --- 1.2 SSW DUG HILL [34.70, -86.51], 1.1 SSW DUG HILL [34.71, -86.51], 1.2 SSW DUG HILL [34.71, -86.51], 1.2 SSW DUG HILL [34.70, -86.51]</b>				
	07/10/13 23:00 CST		0	Flash Flood (due to Heavy Rain)
	07/11/13 00:30 CST		0	Source: Public
Approximately 12 inches of water flowing over Robinson Drive near Dug Hill Road, producing flash flooding.				
<b>JACKSON COUNTY --- 1.8 ENE BRYANT [34.94, -85.64], 1.8 SE BRYANT [34.91, -85.65], 3.7 ESE BRYANT [34.91, -85.61], 2.9 E BRYANT [34.93, -85.62]</b>				

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/10/13 23:05 CST		75K	Flash Flood (due to Heavy Rain)
	07/11/13 01:45 CST		0	Source: Emergency Manager

Flash flooding occurred in and near the Bryant, Alabama community with asphalt reported to be washed away along County Road 267, around a foot of water flowing across County road 131 and a bridge reported to be washed away at the intersection of County Roads 290 and 291.

**A strong mid level trough moved across north Alabama during the evening of July 10th. Strong to severe storms erupted along and ahead of a cold front along the mid level trough. These storms produced scattered wind damage and flash flooding across several areas in north Alabama.**

### LAUDERDALE COUNTY --- GREEN HILL [34.97, -87.50]

07/13/13 20:35 CST	15K	Thunderstorm Wind (EG 52 kt)
07/13/13 20:37 CST	0	Source: Emergency Manager

Several trees were downed due to thunderstorm winds.

### LAUDERDALE COUNTY --- 2.3 NW HOLLOWAY [34.91, -87.55], 0.3 S HOLLOWAY [34.88, -87.53], 1.7 NE HOLLOWAY [34.90, -87.51], 2.3 N HOLLOWAY [34.91, -87.53]

07/13/13 21:00 CST	20K	Flash Flood (due to Heavy Rain)
07/13/13 23:00 CST	0	Source: Fire Department/Rescue

Flash flooding occurred with two homes flooded and water rescues made along County roads 63 and 65, with more flash flooding occurring along Bridge and Briarwood roads near Killen, Alabama. Around four feet of flowing water was measured in these areas.

**A weak warm front moved northwest across north Alabama during the evening of July 13th, resulting in an isolated severe thunderstorm that produced some wind damage and flash flooding in Lauderdale County, Alabama.**

### (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT

07/17/13 14:00 CST	0	Heat
07/17/13 17:00 CST	0	

**High temperatures around 97 degrees combined with dew point values in the lower 70s produced heat index values of 105 degrees during the late afternoon hours in northwest Alabama.**

### COLBERT COUNTY --- LEIGHTON [34.70, -87.52]

07/23/13 07:56 CST	5K	Thunderstorm Wind (EG 43 kt)
07/23/13 07:57 CST	0	Source: Broadcast Media

A tree was downed by thunderstorm winds on New High School Street in Leighton, Alabama.

### FRANKLIN COUNTY --- 1.8 W REEDTOWN [34.50, -87.78], 0.8 NE REEDTOWN [34.51, -87.74], 0.8 E REEDTOWN [34.50, -87.74], 1.0 S REEDTOWN [34.49, -87.75]

07/23/13 09:29 CST	0	Flash Flood (due to Heavy Rain)
07/23/13 11:30 CST	0	Source: Emergency Manager

Persistent heavy rainfall resulted in flash flooding around Russellville, Alabama, with portions of South Washington Avenue, Coffee and Adams Streets and along Walnut Gate Road having to be barricaded due to flash flooding. Between 12 and 24 inches of water was also reported flowing across these area roads with several homes in the area having nearly 12 inches of water entering them.

**A mid level short wave at 500 millibars moved southeast across the area, producing numerous thunderstorms that produced very heavy rainfall, isolated flash flooding and strong thunderstorm winds in northwest Alabama.**

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*Flooded roads around Russellville (Franklin county, Alabama) after persistent heavy rain on the 4th of July.*

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<b>CULLMAN COUNTY --- 4.0 SSW CULLMAN [34.13, -86.86], 2.1 W PHELAN [34.13, -86.86], 1.8 W PHELAN [34.13, -86.85], 1.9 W PHELAN [34.13, -86.85]</b>	07/31/13 05:10 CST	0	Flash Flood (due to Heavy Rain)
	07/31/13 07:30 CST	0	Source: Emergency Manager

Around a foot of water was flowing onto highway 69 at Exit 304 in front of a truck stop at this exit.

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<b>CULLMAN COUNTY --- 1.9 ESE JEPPA [34.29, -86.52], 1.8 SSE JEPPA [34.28, -86.54], 1.5 N JOPPA [34.27, -86.52], 2.5 NNE JOPPA [34.28, -86.51]</b>	07/31/13 22:30 CST	0	Flash Flood (due to Heavy Rain)
	07/31/13 23:59 CST	0	Source: Law Enforcement

Around a foot of water was flowing across several county roads across the county, resulting in flash flooding. The county roads that experienced flash flooding near area bridges were: County Roads 1819, 1834, 1838, and 1848.

**A weak shortwave in the mid and upper levels of the atmosphere moved through north Alabama on the 31st. This weak system combined with abundant low level moisture to produce very heavy rainfall and isolated flash flooding.**

### ALABAMA, Southeast

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<b>GENEVA COUNTY --- 1.9 WSW HARTFORD [31.09, -85.72]</b>	07/03/13 11:50 CST	0	Heavy Rain
	07/03/13 16:00 CST	0	Source: 911 Call Center

Some minor flooding occurred near the intersection of State Highway 52 and County Road 101.

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<b>GENEVA COUNTY --- 0.9 SE EUNOLA [31.03, -85.83], HARTFORD [31.10, -85.69]</b>	07/04/13 12:14 CST	10K	Thunderstorm Wind (EG 55 kt)
	07/04/13 12:45 CST	0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several trees were blown down from just east of Geneva to near the Hartford area. Within this swath, a tree was blown onto a power line, which fell on a vehicle, and a tree also clipped part of a house. No injuries were reported. Monetary damage was estimated.

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**GENEVA COUNTY --- EUNOLA [31.04, -85.84], 0.6 SW GENEVA MUNICIPAL ARPT [31.04, -85.87], 0.2 SE GENEVA [31.03, -85.87], 0.7 S EUNOLA [31.03, -85.84]**

	07/04/13 13:40 CST		0	Flood (due to Heavy Rain)
	07/04/13 16:00 CST		0	Source: 911 Call Center

Persistent rainfall on top of saturated soils caused some isolated flooding in Geneva with a few side roads closed due to standing water.

**Between 5 and 8 inches of rain fell across portions of southeast Alabama around the July 4th holiday. This caused some instances of flooding, and isolated severe weather also occurred.**

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**DALE COUNTY --- 1.4 N CURRYTOWN [31.29, -85.52], 0.1 NE PINCKARD [31.31, -85.54], 0.7 SW PINCKARD [31.30, -85.55], 1.2 NNW CURRYTOWN [31.28, -85.53]**

	07/13/13 18:35 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

Water was reported flowing over County Road 47 near Pinckard at an estimated depth of over 1 foot.

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**HOUSTON COUNTY --- 0.9 NE WICKSBURG [31.21, -85.61], 1.1 N WICKSBURG [31.22, -85.62], 0.8 N WICKSBURG [31.21, -85.62], 0.6 NNE WICKSBURG [31.21, -85.62]**

	07/13/13 18:50 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

Water was reported flowing over roads near Wicksburg.

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**DALE COUNTY --- 1.4 WSW CURRYTOWN [31.26, -85.54], 1.7 WSW CURRYTOWN [31.26, -85.55], 1.5 W CURRYTOWN [31.27, -85.54], 1.3 WSW CURRYTOWN [31.26, -85.54]**

	07/13/13 19:19 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

County Road 560 was closed and underwater at a bridge near Soapstone Branch Creek south of Pinckard.

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**DALE COUNTY --- 1.2 NNE PINCKARD [31.33, -85.53], 1.3 NE PINCKARD [31.32, -85.53], 0.4 E PINCKARD [31.31, -85.53], 0.2 NE PINCKARD [31.31, -85.54]**

	07/13/13 20:10 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

Water was reported flowing over County Road 63 between Highways 231 and 134.

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**GENEVA COUNTY --- 0.2 N GENEVA [31.03, -85.87], 0.9 NNW GENEVA [31.04, -85.87], 0.8 SW GENEVA MUNICIPAL ARPT [31.04, -85.87], 0.4 ENE GENEVA [31.03, -85.86]**

	07/13/13 20:22 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

North Merritt Street and East Water Avenue were reported underwater in the city of Geneva.

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**GENEVA COUNTY --- 0.7 N OAK GROVE [31.09, -85.77], 0.6 NE OAK GROVE [31.09, -85.76], 0.1 N OAK GROVE [31.08, -85.77], 0.7 NNW OAK GROVE [31.09, -85.77]**

	07/13/13 20:22 CST		0	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: 911 Call Center

County Road 16 was reported underwater at the intersection of Highway 52E and East County Road 16 was reported underwater in front of 2266.

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**GENEVA COUNTY --- 1.0 NE HENDRIX CROSSROAD [31.13, -85.70], 1.1 NE HENDRIX CROSSROAD [31.13, -85.70], 0.8 ENE HENDRIX CROSSROAD [31.13, -85.70], 0.7 ENE HENDRIX CROSSROAD [31.13, -85.70]**

	07/13/13 20:22 CST		25K	Flash Flood (due to Heavy Rain)
	07/13/13 21:45 CST		0	Source: Public

A picture was submitted on social media of Wheeler Road washed out from flash flooding. A large and relatively deep hole was present in the road, and the bottom of the hole was not visible in the picture. Monetary damage was estimated.

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DALE COUNTY --- 0.8 SSW BLACKWELL FIELD [31.42, -85.62]</b>				
	07/15/13 16:25 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:25 CST		0	Source: Emergency Manager
A tree blew down onto Port Andrews Road off of Highway 123 South.				
<b>DALE COUNTY --- 0.9 S BLACKWELL FIELD [31.42, -85.61]</b>				
	07/15/13 16:25 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:25 CST		0	Source: Emergency Manager
A tree blew down onto a power line on Laurel Ct.				
<b>DALE COUNTY --- 0.7 SE OZARK [31.43, -85.63]</b>				
	07/15/13 16:29 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:29 CST		0	Source: Emergency Manager
A tree blew down onto Lakeview Ct.				
<b>DALE COUNTY --- 0.9 NE DEAN CHURCH RD [31.41, -85.64]</b>				
	07/15/13 16:29 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:29 CST		0	Source: Emergency Manager
A tree blew down onto Campground Road.				
<b>DALE COUNTY --- 0.7 ENE PLEASANT HILL [31.43, -85.66]</b>				
	07/15/13 16:30 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:30 CST		0	Source: Emergency Manager
A tree blew down onto Willow Oaks Dr.				
<b>DALE COUNTY --- 0.8 SSW OZARK [31.43, -85.65]</b>				
	07/15/13 16:30 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 16:30 CST		0	Source: Emergency Manager
A tree blew down onto a power line on Mixon School Road.				
<b>GENEVA COUNTY --- EUNOLA [31.04, -85.84]</b>				
	07/15/13 17:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 17:15 CST		0	Source: 911 Call Center
A tree blew down onto County Road 4.				
<b>GENEVA COUNTY --- 0.4 WNW WEEKS [31.15, -86.12]</b>				
	07/15/13 17:35 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/13 17:35 CST		0	Source: 911 Call Center
A tree blew down onto a power line along County Road 5.				
<b>HENRY COUNTY --- 2.2 E BLACKWOOD [31.38, -85.36]</b>				
	07/17/13 19:08 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/13 19:08 CST		0	Source: Emergency Manager
A tree blew down onto Broad Street.				
<b>HENRY COUNTY --- 1.0 SSE HEADLAND [31.34, -85.34]</b>				
	07/17/13 19:10 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/13 19:10 CST		0	Source: Emergency Manager
A tree blew down onto Solomon Road.				

Isolated severe thunderstorms affected southeast Alabama during the middle of July, and additional heavy rainfall on already saturated ground led to instances of flash flooding.



## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COFFEE COUNTY --- 2.7 SW ZOAR [31.51, -86.13]</b>				
	07/23/13 15:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/13 15:45 CST		0	Source: Emergency Manager
Trees were blown down on power lines on CR 330.				
<b>COFFEE COUNTY --- 0.9 ENE ENTERPRISE [31.32, -85.83]</b>				
	07/23/13 16:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/13 16:15 CST		0	Source: Broadcast Media
A traffic signal fell at the intersection of Rucker Blvd and Dixie Dr.				
<b>COFFEE COUNTY --- ENTERPRISE [31.32, -85.84]</b>				
	07/23/13 16:15 CST		10K	Thunderstorm Wind (EG 50 kt)
	07/23/13 16:15 CST		0	Source: Social Media
The public reported on facebook that tons of fences were ripped apart in Enterprise due to strong winds.				
<b>DALE COUNTY --- 0.7 N OZARK [31.45, -85.64]</b>				
	07/23/13 16:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/13 16:15 CST		0	Source: Broadcast Media
A tree was blown down on Newton Ave behind the Ford dealership in downtown Ozark.				
<b>DALE COUNTY --- 1.2 E FORT RUCKER [31.34, -85.68]</b>				
	07/23/13 16:15 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/13 16:15 CST		0	Source: Public
Trees were blown down at Rucker Stables.				
<b>DALE COUNTY --- 1.8 W LEVEL PLAINS [31.30, -85.79]</b>				
	07/23/13 16:15 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/13 16:15 CST		0	Source: Broadcast Media
Trees were blown down onto power lines on CR 709 near Level Plains near the Dollar General Store.				
<b>DALE COUNTY --- 1.0 W GOLDBERG FIELD [31.41, -85.47]</b>				
	07/23/13 16:25 CST		0	Heavy Rain
	07/23/13 19:00 CST		0	Source: Broadcast Media
Minor flooding was reported along County Roads 14 and 67.				
<b>DALE COUNTY --- 1.4 ENE MIDLAND CITY [31.32, -85.47], 1.3 E MIDLAND CITY [31.31, -85.47], 1.3 WSW (DHN)NAPIER FIELD [31.31, -85.46], 1.4 W (DHN)NAPIER FIELD [31.32, -85.46]</b>				
	07/23/13 16:25 CST		0	Flood (due to Heavy Rain)
	07/23/13 19:00 CST		0	Source: Broadcast Media
Some parking lots of Wallace Community College were flooded with standing water a couple of feet deep in spots and up to the doors of cars.				
<b>DALE COUNTY --- 1.1 SW DILLARD [31.50, -85.71], 1.2 SW DILLARD [31.50, -85.71], 1.0 SSW DILLARD [31.50, -85.71], 0.8 SW DILLARD [31.50, -85.71]</b>				
	07/23/13 16:40 CST		0	Flash Flood (due to Heavy Rain)
	07/23/13 18:00 CST		0	Source: Emergency Manager
Paramore Road was closed at the intersection of AL 234.				
<b>HOUSTON COUNTY --- REHOBETH [31.13, -85.43], GORDON [31.14, -85.09]</b>				
	07/23/13 16:53 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/23/13 17:20 CST		0	Source: 911 Call Center
Numerous trees were blown down across the county, especially the southwest part of the county.				

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A line of storms associated with a Mesoscale Convective System pushed through the area and produced several reports of wind damage.

### ALABAMA, Southwest

<b>BALDWIN COUNTY --- 3.4 S FOLEY [30.37, -87.68], 3.4 S FOLEY [30.37, -87.68], 3.5 S FOLEY [30.37, -87.68], 3.5 S FOLEY [30.37, -87.68]</b>	07/04/13 01:45 CST	0	0	Flash Flood (due to Heavy Rain)
	07/04/13 03:45 CST		0	Source: NWS Employee

At least 6 inches of water flowing over the southbound lanes of U.S. Highway 59 in Foley. The intersection south of Lambert's Cafe on Highway 50 was completely under water. Law enforcement also reported all drainage ditches completely full and overflowing from Foley south to Gulf Shores along Highway 59.

**Persistent thunderstorms with heavy rains caused flooding and flash flooding during the early morning hours of July 5th in Baldwin County.**

<b>BALDWIN COUNTY --- 0.7 NE YUPON [30.41, -87.81], 0.9 NE YUPON [30.41, -87.81], 0.8 ENE YUPON [30.41, -87.81], 0.6 NE YUPON [30.41, -87.81]</b>	07/11/13 09:40 CST	0	0	Flash Flood (due to Heavy Rain)
	07/11/13 11:40 CST		0	Source: Emergency Manager

Baldwin County Emergency Management reported flooding of water at least 6 inches deep over County Road 9 near U.S. Highway 98.

<b>BALDWIN COUNTY --- 1.5 ENE FAIRHOPE MUNI ARPT [30.47, -87.86], 1.8 W CLAY CITY [30.48, -87.85], 1.8 E FAIRHOPE MUNI ARPT [30.47, -87.85], 1.5 E FAIRHOPE MUNI ARPT [30.47, -87.85]</b>	07/11/13 09:40 CST	0	0	Flash Flood (due to Heavy Rain)
	07/11/13 11:40 CST		0	Source: Emergency Manager

Baldwin County Emergency Management reported flooding of Highway 181 near the intersection of County Road 32. They reported water to a depth of 8 inches flowing across the roadway.

<b>BALDWIN COUNTY --- 3.2 ESE MONTROSE [30.55, -87.85], 3.4 ESE MONTROSE [30.55, -87.85], 3.4 ENE FAIRHOPE [30.54, -87.85], 3.2 ENE FAIRHOPE [30.54, -87.85]</b>	07/11/13 10:07 CST	0	0	Flash Flood (due to Heavy Rain)
	07/11/13 11:45 CST		0	Source: Public

Fast flowing water up to one foot deep reported near the intersection of Highway 181 and Highway 104 northeast of Fairhope.

<b>BALDWIN COUNTY --- BARNWELL [30.42, -87.88], 0.4 N BARNWELL [30.43, -87.88], 0.5 NE BARNWELL [30.43, -87.87], 0.3 E BARNWELL [30.42, -87.87]</b>	07/11/13 10:07 CST	0	0	Flash Flood (due to Heavy Rain)
	07/11/13 11:45 CST		0	Source: Public

Flooding of water at least 6 inches in depth reported along Highway 98 near Barnwell.

<b>BALDWIN COUNTY --- 2.7 E FAIRHOPE [30.52, -87.85], 3.0 E FAIRHOPE [30.53, -87.85], 3.0 E FAIRHOPE [30.52, -87.85], 2.7 E FAIRHOPE [30.52, -87.85]</b>	07/11/13 10:10 CST	0	0	Flood (due to Heavy Rain)
	07/11/13 11:45 CST		0	Source: Emergency Manager

Water at least 6 inches in depth flowing over the intersection of Highway 181 and Highway 48 near Fairhope.

<b>BALDWIN COUNTY --- 2.6 E HOUSTONVILLE [30.50, -87.86], 2.5 NW CLAY CITY [30.50, -87.85], 2.7 NW CLAY CITY [30.51, -87.85], 2.7 ENE HOUSTONVILLE [30.51, -87.86]</b>	07/11/13 11:00 CST	75K	0	Flash Flood (due to Heavy Rain)
	07/11/13 12:00 CST		0	Source: Emergency Manager

Baldwin County Emergency Management relayed Baldwin County Sheriff's Office report of multiple homes flooded on Highway 181 north of Twin Beech Road and County Road 44.

**A series of strong thunderstorms produced heavy rainfall and flash flooding in Baldwin County, Alabama during the morning hours of July 11, 2013.**

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CLARKE COUNTY --- 1.4 WNW TALAHATTA [31.91, -87.87]</b>				
	07/18/13 19:25 CST		40K	Thunderstorm Wind (EG 50 kt)
	07/18/13 19:26 CST		0	Source: Emergency Manager
Clarke County Emergency Management reported trees and power lines blown down in severe thunderstorm winds on Tallahatta Road approximately 8 miles west of Thomasville. Also reported pea size hail.				
<b>Isolated severe thunderstorms developed during the early evening hours on July 18 across Clarke County Alabama.</b>				
<b>BALDWIN COUNTY --- FAIRHOPE [30.52, -87.90]</b>				
	07/22/13 15:45 CST		4.50K	Thunderstorm Wind (EG 50 kt)
	07/22/13 15:46 CST		0	Source: Emergency Manager
Trees blown down by severe thunderstorm winds on Morphey Road and Topson Road.				
<b>BALDWIN COUNTY --- 0.6 W ROSINTON [30.62, -87.69]</b>				
	07/22/13 15:55 CST		4.50K	Thunderstorm Wind (EG 50 kt)
	07/22/13 15:56 CST		0	Source: Emergency Manager
Trees blown down by severe thunderstorm winds on County Road 64 near Rosinton.				
<b>BALDWIN COUNTY --- 0.6 E SEMINOLE [30.52, -87.47]</b>				
	07/22/13 16:15 CST		4.50K	Thunderstorm Wind (EG 50 kt)
	07/22/13 16:16 CST		0	Source: Emergency Manager
Trees blown down by severe thunderstorm winds in Seminole.				
<b>Scattered strong to locally severe thunderstorms developed during the late afternoon hours on July 22, producing damaging winds for a few locations.</b>				
<b>CLARKE COUNTY --- 4.0 N THOMASVILLE [31.98, -87.73]</b>				
	07/23/13 14:14 CST		4K	Thunderstorm Wind (EG 52 kt)
	07/23/13 14:16 CST		0	Source: Emergency Manager
Winds estimated at 60 mph downed trees at Hwy 43 and Hwy 5, also Hwy 5 at Firetower Hill north of Thomasville.				
<b>WILCOX COUNTY --- CAMDEN [31.98, -87.28]</b>				
	07/23/13 14:17 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/23/13 14:19 CST		0	Source: Emergency Manager
Winds estimated at 60 mph downed trees.				
<b>CLARKE COUNTY --- 3.0 N GROVE HILL [31.74, -87.78]</b>				
	07/23/13 14:43 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/23/13 14:45 CST		0	Source: Emergency Manager
Winds estimated at 60 mph downed at tree on Brookville Road.				
<b>CLARKE COUNTY --- GROVE HILL [31.70, -87.78]</b>				
	07/23/13 14:43 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/23/13 14:45 CST		0	Source: Emergency Manager
Winds estimated at 60 mph downed at tree on a car on Cobb St. and tree down on Clark St.				
<b>CLARKE COUNTY --- THOMASVILLE [31.92, -87.73], 2.5 NW THOMASVILLE [31.95, -87.76], 2.2 N THOMASVILLE [31.95, -87.74], 1.1 NNE THOMASVILLE [31.94, -87.73]</b>				
	07/23/13 14:48 CST		0	Flash Flood (due to Heavy Rain)
	07/23/13 15:50 CST		0	Source: Emergency Manager
Heavy rains caused 5 to 6 inches water to flow across Bashi Road.				
<b>CLARKE COUNTY --- GROVE HILL [31.70, -87.78]</b>				

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/13 15:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:02 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a tree on a building with other trees down on Church Street. Trees down on Mount Vine Road and Salt Works Road.

### CLARKE COUNTY --- JACKSON [31.52, -87.88]

	07/23/13 15:10 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:12 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a tree on a car...trapping 4 people.

### MONROE COUNTY --- MONROEVILLE [31.52, -87.33]

	07/23/13 15:14 CST		4K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:16 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a tree on a house.

### MONROE COUNTY --- FRISCO CITY [31.43, -87.42]

	07/23/13 15:20 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/23/13 15:22 CST		0	Source: Emergency Manager

Winds estimated at 70 mph downed numerous trees in Frisco City.

### WASHINGTON COUNTY --- FRANKVILLE [31.65, -88.15]

	07/23/13 15:20 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:22 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a tree across Mount Bethal Road.

### WASHINGTON COUNTY --- ST STEPHENS [31.53, -88.05]

	07/23/13 15:20 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:22 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a tree.

### CRENSHAW COUNTY --- 13.0 SW LUVERNE [31.59, -86.43]

	07/23/13 15:26 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:28 CST		0	Source: Emergency Manager

Winds estimated at 60 mph downed a swath of multiple trees Mulberry Rd./Hwy 106/Moore Rd.

### COVINGTON COUNTY --- ANDALUSIA [31.30, -86.48]

	07/23/13 15:53 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/23/13 15:55 CST		0	Source: Emergency Manager

Winds estimated at 60 mph caused wind damage and downed trees at WKNI radio.

**Severe thunderstorms developed across southwest Alabama and produced wind damage and some isolated flooding.**

### MOBILE COUNTY --- 1.0 S BAYOU LA BATRE [30.39, -88.23], 0.6 NE CODEN [30.39, -88.22], 0.4 NE CODEN [30.38, -88.22], 0.3 NNE CODEN [30.38, -88.23]

	07/28/13 01:32 CST		0	Flash Flood (due to Heavy Rain)
	07/28/13 02:32 CST		0	Source: Law Enforcement

Heavy rain caused a foot of water on Hwy 188 and Sutton...making it impassible.

### BALDWIN COUNTY --- 2.3 NW JOSEPHINE [30.34, -87.56], 5.0 NNE ORANGE BEACH [30.35, -87.54], 1.0 NNW JOSEPHINE [30.33, -87.53], 1.6 NW JOSEPHINE [30.33, -87.55]

	07/28/13 09:32 CST		0	Flash Flood (due to Heavy Rain)
	07/28/13 11:00 CST		0	Source: Law Enforcement

Heavy rain caused flooding of roads in south Baldwin county.

## Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy rain caused flooding in parts of southwest Alabama.