

Storm Data and Unusual Weather Phenomena - January 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
(AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z020) CHEROKEE				
	01/07/10 08:00 CST		0	Winter Weather
	01/07/10 16:00 CST		0	
An area of low pressure moving along the northern Gulf of Mexico brought a mixture of snow, light sleet, and a bit of freezing rain, to parts of Central Alabama. Most of the precipitation was light. However, there was enough accumulation on the roads in a few northern counties to cause some hazardous driving conditions.				
CHILTON COUNTY --- 2.0 NE LOMAX [32.90, -86.64]				
	01/21/10 05:41 CST		5K	Thunderstorm Wind (EG 39 kt)
	01/21/10 05:41 CST		0	Source: Newspaper
Winds estimated around 45 mph caused a portion of a roof of a mobile home to be blown off, near the Collins Chapel community.				
CHAMBERS COUNTY --- 1.1 ESE ROLLINS [32.95, -85.40]				
	01/21/10 07:09 CST		5K	Thunderstorm Wind (EG 39 kt)
	01/21/10 07:09 CST		0	Source: Newspaper
In the Buffalo community, the equipment barn of a farm had its metal roof blown off and scattered into an adjacent pasture. Winds were estimated around 45 mph.				
RANDOLPH COUNTY --- ROANOKE MUNI ARPT [33.13, -85.37]				
	01/21/10 07:15 CST		5K	Thunderstorm Wind (EG 50 kt)
	01/21/10 07:15 CST		0	Source: Emergency Manager
Several large trees were blown down south of Roanoke.				
A storm system moving across the southeastern states brought rain and thunderstorms to Central Alabama. A portion of the thunderstorms formed into a line, which produced isolated wind damage.				
WALKER COUNTY --- 2.1 SSW POCAHONTAS [33.84, -87.48]				
	01/24/10 03:55 CST		0	Hail (1.00 in)
	01/24/10 03:55 CST		0	Source: Public
WALKER COUNTY --- 1.3 NW GAMBLE [33.89, -87.35]				
	01/24/10 04:00 CST		0	Hail (1.00 in)
	01/24/10 04:00 CST		0	Source: Trained Spotter
CALHOUN COUNTY --- 2.1 NW OHATCHEE [33.80, -86.02], 0.8 WSW GRAYTON [33.79, -85.98], 0.4 SE OHATCHEE [33.78, -86.00], 1.1 S MIDDLETON [33.75, -86.02], 1.8 WSW MIDDLETON [33.76, -86.05], 2.2 WNW MIDDLETON [33.79, -86.05]				
	01/24/10 09:45 CST		10K	Flash Flood (due to Heavy Rain)
	01/24/10 14:00 CST		0	Source: Emergency Manager
As many as 6 roads in and around the city of Ohatchee were closed due to water flowing over them. Rock Springs had 2 to 3 feet of flowing water, and Horse Bend Road had 1 to 1.5 feet of flowing water.				
CHILTON COUNTY --- 1.2 E FALAKTO [32.80, -86.58]				
	01/24/10 09:56 CST		0	Thunderstorm Wind (MG 61 kt)
	01/24/10 09:56 CST		0	Source: Trained Spotter
A spotter with a hand held anemometer measured winds up to 70 mph near the Peach Park exit, at Interstate 65 and US-31 near Clanton.				
CHILTON COUNTY --- 0.9 WSW CLANTON GRAGG ARPT [32.85, -86.63], 0.7 SE CLANTON GRAGG ARPT [32.84, -86.61], 1.3 E CLANTON [32.83, -86.63], 0.6 NNW CLANTON [32.84, -86.65]				
	01/24/10 10:00 CST		5K	Flash Flood (due to Heavy Rain)
	01/24/10 12:00 CST		0	Source: NWS Employee
Rainfall of 5.3 inches in a short time caused water to enter at least one house and flood it up to 2 inches.				

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ELMORE COUNTY --- 1.4 ESE WETUMPKA [32.54, -86.20]				
	01/24/10 11:00 CST		3K	Thunderstorm Wind (EG 50 kt)
	01/24/10 11:00 CST		0	Source: Emergency Manager

Several trees and power lines were blown down.

RANDOLPH COUNTY --- 2.0 NNW WEDOWEE [33.33, -85.49], 1.3 NNW WEDOWEE [33.32, -85.48], 0.7 N WEDOWEE [33.31, -85.47], 0.6 WSW WEDOWEE [33.30, -85.48], 1.6 W WEDOWEE [33.30, -85.50]				
	01/24/10 13:30 CST		25K	Flash Flood (due to Heavy Rain)
	01/24/10 18:00 CST		0	Source: Emergency Manager

Widespread flooding was reported around the city of Wedowee, and several roads had to be closed for several hours due to high water.

CHAMBERS COUNTY --- 0.6 W LANGDALE [32.82, -85.18]				
	01/24/10 14:01 CST		15K	Thunderstorm Wind (EG 55 kt)
	01/24/10 14:01 CST		0	Source: Other Federal Agency

Several trees and large tree limbs were blown down around the cities of Valley and Lanett.

A cold front pushing through the region caused rain and thunderstorms across Central Alabama. A few of the storms produced large hail and damaging winds, as well as locally heavy rainfall that led to flooding.

ALABAMA, North

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN				
	01/07/10 05:30 CST		0	Winter Weather
	01/07/10 17:20 CST		0	

After midnight on the 6th into the day on the 7th, a low pressure system which had developed in the northwestern Gulf of Mexico brought snowfall to northern Alabama. Most locations received around one half of an inch. However, isolated locations received around 1 inch of snowfall.

Refreezing of the melted snowfall produced slick conditions on the morning of the 8th. Icing was widespread across Marshall and DeKalb Counties. Emergency management officials discouraged travel in both counties. Numerous car accidents were reported across northern Alabama.

(AL-Z001) LAUDERDALE				
	01/18/10 05:00 CST		0	Winter Weather
	01/18/10 09:00 CST		0	

Widespread fog and temperatures at or slightly below freezing combined to produce icy roads in portions of northwest Alabama. This caused several wrecks to occur in Lauderdale county.

LAUDERDALE COUNTY --- 2.1 SE GRASSY [34.95, -87.27], 2.0 SW POWELL [34.95, -87.26], 2.6 NNE OLIVER [34.85, -87.23], 1.2 SE TOONERSVILLE [34.86, -87.32]				
	01/20/10 12:52 CST		0	Flood (due to Heavy Rain)
	01/20/10 20:15 CST		0	Source: Emergency Manager

Heavy rainfall of 1 to 2 inches pushed Anderson Creek out of its banks and across several roads. This led to many road closures. Roads that were closed included: CR 96, CR 534, and CR 156.

Runoff from 1 to 2 inches of rainfall pushed Anderson Creek out of its banks. This closed several roads near this creek.

MADISON COUNTY --- 1.1 W HUNTSVILLE PARK [34.70, -86.64], 0.8 NNW HUNTSVILLE MILLS ARP [34.76, -86.56]				
	01/21/10 17:15 CST		0	Tornado (EF2, L: 6.60 mi , W: 150 yd)
	01/21/10 17:35 CST	1	0	Source: Emergency Manager

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				<p>A tornado first touched down in a residential development on the Redstone Arsenal, just 2 miles south of the National Weather Service office located on the campus of the University of Alabama in Huntsville. A narrow tornado path uprooted a large tree, then moved into a residential area along Magnolia Circle. Here, the tornado tore shingles off of roofs and ripped siding off several homes. The tornado then lifted briefly before touching down again near the intersection of Triana Blvd and 9th Ave in Huntsville. It then proceeded northeast another 4.4 miles, through the Old Town and Five Points communities, before lifting near the intersection of Gaboury Lane and Rosalie Ridge road near Chapman Mountain. Along it's path, many hardwood/softwood trees and utility poles were snapped. Multiple well-built single family homes sustained substantial roof damage. Two teenagers sustained minor injuries near the Windover Drive and Maysville road intersection, when a tree fell onto the truck while they were inside. The tornado also picked up a truck in its path and threw it approximately 30 feet into the the porch of a residence on Oakwood Avenue. The driver of the truck sustained minor injuries. Luckily no one was injured at the residence. The winds were estimated to reach peak speeds of 115 mph.</p>

Isolated classic supercells developed in northern Alabama during the late afternoon hours ahead of a cold front and low pressure system moving through the Tennessee Valley. One of the storms produced an EF-2 tornado in the northeast side of Huntsville. Several photographs and videos documented this tornado from various locations throughout the city of Huntsville and at many locations in Madison County.

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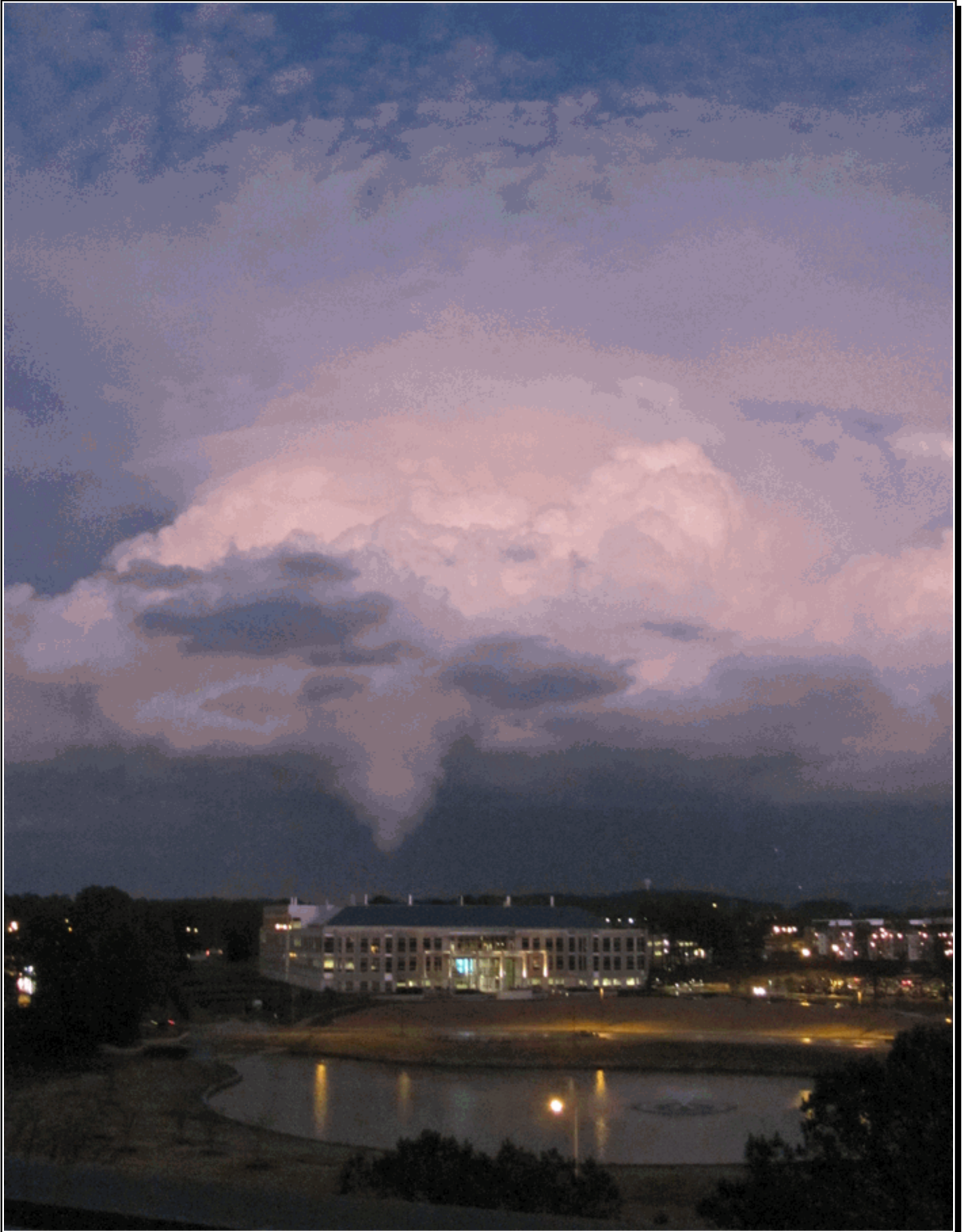
Location

Date/Time

Deaths &
Injuries

Property &
Crop Dmg

Event Type and Details



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The Huntsville tornado at 529 pm looking east from the roof of the National Space Science Technology Center (NSSTC). The NSSTC also houses the National Weather Service in Huntsville. Photo taken and courtesy of Chris Schultz, a meteorologist at the University of Alabama at Huntsville.

CULLMAN COUNTY --- 1.3 WSW WHITE CITY [34.09, -86.79], 0.8 SW MIDWAY [34.11, -86.81], 1.1 NE ST BERNARD [34.19, -86.79], 0.2 ESE BERLIN [34.18, -86.75]

01/24/10 06:36 CST	0	Flash Flood (due to Heavy Rain)
01/24/10 10:00 CST	0	Source: Law Enforcement

Two to three inches of rainfall caused flash flooding west of Berlin and east of Bolte. Roads impacted included: CR 616, Highway 31, and Highway 278.

MARSHALL COUNTY --- 1.0 E ROCKY RIDGE [34.60, -86.26], 2.3 ENE ROCKY RIDGE [34.61, -86.24], 2.6 NW SWEARENGIN [34.60, -86.23], 1.9 SE ROCKY RIDGE [34.58, -86.25]

01/24/10 10:30 CST	0	Flash Flood (due to Heavy Rain)
01/24/10 12:45 CST	0	Source: Emergency Manager

Two to three inches of rainfall caused flood water of up to one foot on Thomas Lane east of Rocky Ridge. Six inches of flood water was also reported over Thomas Road.

Heavy rainfall of 1 to 3 inches in advance of a warm front produced flash flooding on the 24th in Marshall and Cullman Counties.

(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE

01/29/10 07:30 CST	2	0	Winter Storm
01/29/10 14:00 CST	2	0	

Direct Fatalities: F41VE, F9VE

(AL-Z002) COLBERT, (AL-Z004) LAWRENCE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

01/29/10 07:30 CST	0	0	Winter Weather
01/30/10 17:30 CST	0	0	

On January 29th, a cold, dry air mass was in place across northern Alabama around daybreak. At the same time, a low pressure system was developing along a quasi stationary boundary extending from southern Louisiana east through southern Georgia. As this area of low pressure pushed east into southern Georgia through the day, a wintry mix of freezing rain, sleet, and snow developed across northern Alabama. This mix of winter precipitation caused up to 0.25 inch of ice to accumulate, mainly north of the Tennessee River. In addition, between 1 and 2 inches of snowfall accumulated in some of these same locations. Elsewhere, across northern Alabama, scattered locations received less than one half of an inch of snow and sleet.

ALABAMA, Southeast

COFFEE COUNTY --- 1.5 NNW NEW BROCKTON [31.39, -85.93]

01/24/10 16:50 CST	0	0	Thunderstorm Wind (EG 50 kt)
01/24/10 16:50 CST	0	0	Source: Emergency Manager

A few trees and tree limbs down. Time and wind speed estimated.

HENRY COUNTY --- 0.7 N ABBEVILLE [31.57, -85.25]

01/24/10 18:20 CST	0	0	Thunderstorm Wind (EG 50 kt)
01/24/10 18:20 CST	0	0	Source: Emergency Manager

A few trees were reported down around Abbeville.

HENRY COUNTY --- 1.9 ESE HEADLAND MUNICIPAL ARPT [31.35, -85.28]

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	01/24/10 18:27 CST		0	Thunderstorm Wind (EG 50 kt)
	01/24/10 18:27 CST		0	Source: Emergency Manager

Two trees were reported down east of Headland.

Strong and severe thunderstorms developed over southeast AL and shifted into southwest GA through the evening.

ALABAMA, Southwest

MOBILE COUNTY --- 2.8 N DAWES [30.64, -88.25], 2.8 N DAWES [30.64, -88.25], 2.7 N DAWES [30.64, -88.25], 2.7 N DAWES [30.64, -88.25]				
	01/20/10 20:50 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 21:50 CST		0	Source: NWS Employee

Off duty National Weather Service employee reports water flowing across Cottage Hill Road at Dawes Road approximately 3 miles south of Mobile Regional Airport.

MOBILE COUNTY --- 1.1 W SEVEN HILLS [30.65, -88.32], 0.8 W SEVEN HILLS [30.65, -88.31], 1.0 W SEVEN HILLS [30.65, -88.32], 1.2 W SEVEN HILLS [30.65, -88.32]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: County Official

Water was flowing over Airport Boulevard one mile west of Johnson Road. Water depth was reported to be 6 inches.

MOBILE COUNTY --- 1.3 E MERTZ [30.67, -88.06], 1.3 E MERTZ [30.67, -88.06], 1.3 E MERTZ [30.67, -88.06], 1.3 E MERTZ [30.67, -88.06]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: Law Enforcement

Cars reported stalled due to high water covering the roadway at the intersection of Virginia Street and Gayle Street in Mobile.

MOBILE COUNTY --- 1.5 SSW MOBILE AEROSPACE ARP [30.61, -88.08], 1.5 S MOBILE AEROSPACE ARP [30.61, -88.07], 1.7 S MOBILE AEROSPACE ARP [30.61, -88.08], 1.7 SSW MOBILE AEROSPACE ARP [30.61, -88.08]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: Law Enforcement

Several automobiles were stalled due to high water covering Dauphin Island Parkway adjacent to Ben C. Rain High School in Mobile.

MOBILE COUNTY --- 1.6 S FOREST HILL [30.70, -88.12], 1.7 SSE FOREST HILL [30.70, -88.11], 1.8 SSE FOREST HILL [30.70, -88.11], 1.7 S FOREST HILL [30.70, -88.12]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: Law Enforcement

Mobile Police Department reported several vehicles stalled due to high water covering the roadway on Old Shell Road at North Sage Avenue, and on Old Shell Road at Union Avenue in Mobile.

MOBILE COUNTY --- 1.7 SSE SPRING HILL [30.68, -88.14], 1.8 SE SPRING HILL [30.68, -88.13], 1.4 ENE COTTAGE HILL [30.66, -88.13], 1.0 N COTTAGE HILL [30.66, -88.15]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: Law Enforcement

Mobile Police reports numerous streets around the Montlimar Drive and Downtowner Boulevard areas just west of Interstate 65 in Mobile have high water covering the roadway.

MOBILE COUNTY --- 2.0 WSW SEVEN HILLS [30.64, -88.33], 1.9 WSW SEVEN HILLS [30.64, -88.33], 2.0 WSW SEVEN HILLS [30.63, -88.33], 2.0 WSW SEVEN HILLS [30.63, -88.33], 2.1 WSW SEVEN HILLS [30.63, -88.33]				
	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:10 CST		0	Source: County Official

Water was flowing over Newman Road just south of Airport Boulevard. Water depth was reported to be about 6 inches.

MOBILE COUNTY --- 2.4 E DAWES [30.60, -88.21], 2.6 E DAWES [30.60, -88.21], 2.5 E DAWES [30.60, -88.21], 2.5 E DAWES [30.60, -88.21]				
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	01/20/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	01/20/10 22:00 CST		0	Source: Law Enforcement

Mobile 911 reported Sollie Road in West Mobile was closed due to water covering the roadway.

MOBILE COUNTY --- 2.6 WNW THEODORE [30.56, -88.21], 2.6 WNW THEODORE [30.56, -88.21], 2.6 WNW THEODORE [30.56, -88.21], 2.6 WNW THEODORE [30.56, -88.21]

01/20/10 21:00 CST	0	Flash Flood (due to Heavy Rain)
01/20/10 22:00 CST	0	Source: Law Enforcement

Mobile Police reported a vehicle stalled due to high water covering the road on Mamount Boulevard at Strudwick Court just west of the Mobile Greyhound Park.

(AL-Z064) LOWER BALDWIN

01/20/10 21:30 CST	0	Landslide
01/20/10 22:00 CST	0	

On the evening of January 20th, a warm front was moving slowly northeast off the Gulf of Mexico with a moist unstable air-mass moving slowly inland across the central Gulf Coast region. A series of slow moving thunderstorms repeatedly moved across the deeply saturated grounds of southwest Alabama, producing numerous reports of flooding and flash flooding across the region. Prior to this event, southwest Alabama was experiencing it's wettest winter season on record.

CLARKE COUNTY --- 2.1 N COFFEEVILLE [31.78, -88.10]

01/24/10 06:50 CST	0	Thunderstorm Wind (EG 50 kt)
01/24/10 06:51 CST	0	Source: Emergency Manager

Two trees were snapped in half and downed on West Bend Road about 1 mile off Highway 69.

CLARKE COUNTY --- 4.7 SE WINN [31.60, -87.87]

01/24/10 09:30 CST	0	Thunderstorm Wind (EG 50 kt)
01/24/10 09:31 CST	0	Source: Emergency Manager

Two trees blown down briefly blocking U.S. Highway 43 one mile north of County Road 3.

CLARKE COUNTY --- 1.8 WNW FULTON [31.79, -87.76]

01/24/10 09:40 CST	0	Thunderstorm Wind (EG 50 kt)
01/24/10 09:41 CST	0	Source: Emergency Manager

Tree blown down blocking the road near U.S. Highway 43 at the Fulton junction.

MONROE COUNTY --- 1.0 NE PETERMAN [31.59, -87.26]

01/24/10 11:25 CST	0	Thunderstorm Wind (EG 50 kt)
01/24/10 11:26 CST	0	Source: Emergency Manager

Tree blown down blocking a roadway.

During the morning hours on January 24th, several strong to severe thunderstorms moved northeast across southwest Alabama.