

## Storm Data and Unusual Weather Phenomena - February 2013

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

### ALABAMA, Central

(AL-Z021) CLEBURNE, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z041) AUTAUGA, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR

|                    |   |         |
|--------------------|---|---------|
| 02/01/13 00:00 CST | 0 | Drought |
| 02/26/13 23:59 CST | 0 |         |

Although many counties in the southeast portion of Central Alabama began the month in drought conditions, widespread rainfall during the first half of February greatly improved these conditions. Rainfall totals of at least 5 inches fell in a two day period on February 11th and 12th, providing much needed relief to these drought stricken areas. Monthly totals ranging from 10 to 13 inches across this area helped to improve conditions even more and therefore, by the end of February no county in Central Alabama was experiencing drought conditions.

### MARENGO COUNTY --- 1.6 ESE ANOPIA [32.26, -87.89]

|                    |   |                           |
|--------------------|---|---------------------------|
| 02/12/13 15:45 CST | 0 | Heavy Rain                |
| 02/12/13 19:45 CST | 0 | Source: Emergency Manager |

Heavy rainfall in a short period of time led to high soil moisture content. This caused a land slide to occur at mile mark 68 on Alabama Highway 69 just south of Lindon. The road had to be closed due to the pavement caving in. Additionally, County Road 11 in Myrtlewood had to be closed due to minor street flooding below 6 inches.

A surface front moved southward across Central Alabama on February 11th before stalling to our south. This front lifted slightly northward as a warm front and remained in place for several days. Meanwhile, upper level impulses moved across the state, helping to aid in thunderstorm develop. This setup led to a two day period of heavy rainfall, with rainfall totals of 2 to 5 inches across much of the area. While the rainfall fell over the course of several days and no flash flooding occurred, a couple of locations in Marengo County experience problems due to the heavy rain.

### ALABAMA, North

(AL-Z001) LAUDERDALE

|                    |   |       |
|--------------------|---|-------|
| 02/02/13 06:15 CST | 0 | Sleet |
| 02/02/13 07:28 CST | 0 |       |

(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z009) JACKSON, (AL-Z010) DEKALB

|                    |   |                |
|--------------------|---|----------------|
| 02/02/13 06:50 CST | 0 | Winter Weather |
| 02/02/13 09:50 CST | 0 |                |

A fast moving upper level storm system brought a quick burst of light to moderate snow, sleet and freezing rain to the area. Snowfall amounts ranged from a dusting to a half of an inch. The sleet and freezing rain occurrences produced a light glaze of ice on area roads.

(AL-Z006) MADISON

|                    |    |                         |
|--------------------|----|-------------------------|
| 02/18/13 20:44 CST | 5K | Strong Wind (MAX 39 kt) |
| 02/18/13 20:45 CST | 0  |                         |

Ahead of a cold front, locally windy conditions across north Alabama produced isolated non-thunderstorm wind damage in Madison county, Alabama.

(AL-Z006) MADISON, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB

|                    |     |                         |
|--------------------|-----|-------------------------|
| 02/25/13 22:17 CST | 85K | Strong Wind (MAX 43 kt) |
| 02/26/13 07:00 CST | 0   |                         |

A suspected wake low / gravity wave developed behind a band of rain showers in the midst of strong winds just above. The suspected gravity wave immediately behind this band of rain, produced a brief period of strong winds which resulted in mainly minor damage across portions of north central and northeast Alabama. The winds occurred between 10:30 pm CST on the 25th through 2:00 am CST on the 26th. Measured wind gusts ranging from 41 to 49 mph were reported in Madison and Marshall Counties, but gusts were likely higher around the damage locations.

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| <b>ALABAMA, Southeast</b>  |                    |                   |                     |                                 |
| <b>(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON</b>  |                    |                   |                     |                                 |
|  | 02/01/13 00:00 EST |                   | 0                   | Drought                         |
|  | 02/19/13 00:00 EST |                   | 0                   |                                 |
| Heavy rainfall brought the drought to end across southeast Alabama during the middle of the month.   |                    |                   |                     |                                 |
| <b>COFFEE COUNTY --- JACK [31.54, -86.07], MIXSON CROSSROADS [31.48, -85.91]</b>   |                    |                   |                     |                                 |
|  | 02/10/13 19:30 CST |                   | 3K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 02/10/13 19:45 CST |                   | 0                   | Source: 911 Call Center         |
| Several trees were blown down across the northern half of the county. Monetary damage was estimated.   |                    |                   |                     |                                 |
| <b>DALE COUNTY --- HANCHEY FIELD [31.34, -85.65]</b>   |                    |                   |                     |                                 |
|  | 02/10/13 20:10 CST |                   | 0                   | Thunderstorm Wind (MG 50 kt)    |
|  | 02/10/13 20:10 CST |                   | 0                   | Source: AWOS                    |
| <b>DALE COUNTY --- OZARK [31.44, -85.64], MIDLAND CITY [31.31, -85.49]</b>   |                    |                   |                     |                                 |
|  | 02/10/13 20:10 CST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 02/10/13 20:30 CST |                   | 0                   | Source: Emergency Manager       |
| Several trees and power lines were blown down across the county. Monetary damage was estimated.  |                    |                   |                     |                                 |
| <b>HENRY COUNTY --- 6.0 NW ABBEVILLE [31.62, -85.32], SHORTERVILLE [31.57, -85.10]</b>   |                    |                   |                     |                                 |
|  | 02/10/13 20:20 CST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 02/10/13 20:40 CST |                   | 0                   | Source: 911 Call Center         |
| Trees and power lines were blown down across the county. Monetary damage was estimated.  |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- GENEVA [31.03, -85.87], HARTFORD [31.10, -85.69]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 00:15 CST |                   | 3K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 02/11/13 00:25 CST |                   | 0                   | Source: 911 Call Center         |
| Scattered trees were blown down across the county. Monetary damage was estimated.  |                    |                   |                     |                                 |
| As a cold front moved south into the region and stalled, a series of upper level disturbances moved through the area with broad southwest flow and moist conditions. As the boundary became oriented parallel to the upper level winds, training bands of convection set up, particularly across Geneva and Houston counties where significant flash flooding occurred. Rainfall amounts of 8-10 inches occurred in some areas. A few strong to severe storms also occurred. |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 0.2 N DOTHAN [31.22, -85.39], 0.2 N DOTHAN [31.22, -85.39], 0.2 N DOTHAN [31.22, -85.39], 0.2 N DOTHAN [31.22, -85.39]</b>   |                    |                   |                     |                                 |
|  | 02/11/13 08:20 CST |                   | 1K                  | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 14:20 CST |                   | 0                   | Source: Public                  |
| Water flowed into the garage of a residence in the Labor Hills subdivision in Dothan. There was also flooding of low lying areas and some roads ongoing. Monetary damage was estimated.  |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 2.5 NW MALVERN [31.16, -85.54], 2.5 SW MALVERN [31.10, -85.54], 2.5 SE MALVERN [31.10, -85.48], 2.5 NE MALVERN [31.16, -85.48]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 08:27 CST |                   | 0.10M               | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 14:27 CST |                   | 0                   | Source: Emergency Manager       |
| Water entered homes on College Street in Malvern. Monetary damage was estimated.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 2.5 SE GENEVA [31.00, -85.84], 2.5 SW GENEVA [31.00, -85.90], 2.5 NW GENEVA [31.06, -85.90], 2.5 NE GENEVA [31.06, -85.84]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 08:27 CST |                   | 50K                 | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Emergency Manager       |
| There was 8 feet of water in the basement of Wiregrass Hospital with numerous roads closed around the county due to flash flooding. Water was up to the depth of car bumpers in Geneva.  |                    |                   |                     |                                 |

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| <b>GENEVA COUNTY --- 2.5 NE SLOCOMB [31.13, -85.56], 2.5 NW SLOCOMB [31.13, -85.62], 2.5 SW SLOCOMB [31.07, -85.62], 2.5 SE SLOCOMB [31.07, -85.56]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 11:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Broadcast Media         |
| Water was running over roads around Slocomb up to the depth of car bumpers. This was reported by WDHN-TV via facebook.   |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 3.0 W ARDILLA [31.17, -85.41], 2.9 W ARDILLA [31.17, -85.41], 2.9 W ARDILLA [31.17, -85.41], 3.0 W ARDILLA [31.17, -85.41]</b>   |                    |                   |                     |                                 |
|  | 02/11/13 11:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Newspaper               |
| Water at a depth of approximately 1 foot was flowing past a house on Blackman Road south of Dothan. This report was obtained from a video from the Dothan Eagle Newspaper.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 2.5 NW HARTFORD [31.13, -85.72], 2.5 SW HARTFORD [31.07, -85.72], 2.5 SE HARTFORD [31.07, -85.66], 2.5 NE HARTFORD [31.13, -85.66]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 12:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Broadcast Media         |
| Water affected homes in and around Hartford up to a depth of 1 to 2 feet in spots. This report was obtained via WDHN-TV's facebook photos and comments.  |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 2.5 NW ASHFORD [31.21, -85.26], 2.5 SW ASHFORD [31.15, -85.26], 2.5 SE ASHFORD [31.15, -85.20], 2.5 NE ASHFORD [31.21, -85.20]</b>   |                    |                   |                     |                                 |
|  | 02/11/13 12:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Broadcast Media         |
| WDHN-TV reported that water affected homes near Ashford.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 0.3 ENE MALVERN [31.13, -85.51], 0.4 NE MALVERN [31.13, -85.50], 0.6 SW LIGHT [31.13, -85.50], 0.7 SSW LIGHT [31.13, -85.50]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 13:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Broadcast Media         |
| Water was running over Shiver Road near the Geneva-Houston county line and also affecting nearby fields.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 1.2 ENE MARL [31.10, -85.95], 1.4 ENE MARL [31.10, -85.95], 1.3 ENE MARL [31.09, -85.95], 1.1 ENE MARL [31.10, -85.95]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 13:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 15:30 CST |                   | 0                   | Source: Newspaper               |
| A picture from the Dothan Eagle newspaper confirmed that water from a creek was running over a bridge on Sandy Creek Road.   |                    |                   |                     |                                 |
| <b>COFFEE COUNTY --- TURNER CROSSROADS [31.31, -85.97], 2.6 WSW CAMP HUMMING HILLS GSA [31.45, -86.03], 1.8 SSW MIXSON CROSSROADS [31.45, -85.92], 2.4 SE NEW BROCKTON [31.34, -85.89]</b>   |                    |                   |                     |                                 |
|  | 02/11/13 15:30 CST |                   | 60K                 | Flood (due to Heavy Rain)       |
|  | 02/12/13 00:00 CST |                   | 0                   | Source: Emergency Manager       |
| Coffee county sustained around \$50K of damage due to flooding of some county roads and an additional \$10K of damage due to flooding of some roads in New Brockton.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- LOWERY [31.16, -86.14], HACODA [31.07, -86.16], VAUGHANVILLE [31.00, -85.91], BLACK [31.01, -85.74], FADETTE [31.04, -85.53], LIGHT [31.14, -85.49], BAILEY CROSSROADS [31.19, -85.59], CHANCELLOR [31.18, -85.87]</b>  |                    |                   |                     |                                 |
|  | 02/11/13 15:30 CST |                   | 2.40M               | Flood (due to Heavy Rain)       |
|  | 02/12/13 00:00 CST |                   | 0                   | Source: Emergency Manager       |
| Flash flooding transitioned to widespread areal flooding across the county with numerous roads and bridges damaged. Emergency management estimated damage in the county at \$2.4 million. \$1 million of that total was for a single bridge, and the other \$1.4 million was due to road damage. |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- WICKSBURG [31.20, -85.62], PETERMAN [31.20, -85.47], SOUTHERN JUNCTION [31.02, -85.46], LUCY [31.01, -85.04], 2.8 SSW FARLEY NUCLEAR PLANT [31.18, -85.12], COLUMBIA [31.29, -85.11], KINSEY [31.29, -85.33]</b>   |                    |                   |                     |                                 |
|  | 02/11/13 15:30 CST |                   | 0.76M               | Flood (due to Heavy Rain)       |
|  | 02/12/13 00:00 CST |                   | 0                   | Source: Emergency Manager       |

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|---|-----------|-------------------|---------------------|------------------------|
| Flash flooding transitioned to widespread areal flooding across the county with numerous roads and bridges damaged. Emergency management estimated damage in the county at \$760,000, all due to road damage. |           |                   |                     |                        |

As a cold front moved south into the region and stalled, a series of upper level disturbances moved through the area with broad southwest flow and moist conditions. As the boundary became oriented parallel to the upper level winds, training bands of convection set up and produced some locally heavy rainfall and flash flooding.

|   |                    |   |   |                                 |
|---|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 0.8 WNW PLEASANT PLAINS [31.31, -85.23], 0.6 W PLEASANT PLAINS [31.30, -85.23], 0.2 NW PLEASANT PLAINS [31.30, -85.22], 0.5 NNW PLEASANT PLAINS [31.31, -85.22]</b> | 02/22/13 21:29 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST | 0 | 0 | Source: Emergency Manager       |

County Road 22 at 55 was closed due to flash flooding.

|  |                    |   |   |                                 |
|--|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 1.7 E BRANNON STAND [31.24, -85.45], 1.7 E BRANNON STAND [31.24, -85.45], 1.9 E BRANNON STAND [31.24, -85.45], 1.8 S KELLY SPRINGS [31.24, -85.45]</b> | 02/22/13 21:57 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WWNT Radio reported that a portion of Whatley Drive was closed due to high water with barricades.

|   |                    |   |   |                                 |
|---|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 0.6 WNW SMYRNA [31.23, -85.33], 0.5 WNW SMYRNA [31.23, -85.33], 0.4 NNW SMYRNA [31.23, -85.32], 0.5 NW SMYRNA [31.24, -85.32]</b> | 02/22/13 22:00 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WWNT Radio 1450 AM reported that the 4300 block of Columbia Highway was closed due to flooding.

|   |                    |   |   |                                 |
|---|--------------------|---|---|---------------------------------|
| <b>GENEVA COUNTY --- 1.5 ESE LYTLE [31.06, -85.93], 1.0 W VAUGHANVILLE [31.00, -85.93], 1.1 WSW THURSTON [31.00, -85.80], 2.2 SSW HIGHFALLS [31.06, -85.80]</b> | 02/22/13 22:24 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST | 0 | 0 | Source: Emergency Manager       |

Numerous roads were closed around Geneva county due to flooding. Flood waters were rising in portions of the city of Geneva and approaching a couple of residences.

|  |                    |   |   |                                 |
|--|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 0.8 NE PETERMAN [31.21, -85.46], 0.7 NE PETERMAN [31.21, -85.46], 0.8 NE PETERMAN [31.21, -85.46], 0.9 NE PETERMAN [31.21, -85.46]</b> | 02/22/13 22:45 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WTVY reported that Fortner Road at Bob Hall Road was closed due to flooding.

|  |                    |   |   |                                 |
|--|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 0.9 ESE PEARCE [31.25, -85.21], 1.0 ESE PEARCE [31.24, -85.21], 1.2 ESE PEARCE [31.24, -85.20], 1.1 ESE PEARCE [31.25, -85.20]</b> | 02/22/13 22:45 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WTVY reported that Cedar Springs Road at Ebenezer Road was closed due to flooding.

|  |                    |   |   |                                 |
|--|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 0.9 N TAYLOR [31.17, -85.46], 0.8 N TAYLOR [31.17, -85.46], 0.6 NNE TAYLOR [31.17, -85.46], 0.9 NNE TAYLOR [31.17, -85.46]</b> | 02/22/13 22:45 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WTVY reported that Taylor Road at Friendship Lane was closed due to flooding.

|  |                    |   |   |                                 |
|--|--------------------|---|---|---------------------------------|
| <b>HOUSTON COUNTY --- 1.1 SE PEARCE [31.24, -85.21], 1.4 SE PEARCE [31.24, -85.20], 1.6 SE PEARCE [31.23, -85.20], 1.3 SE PEARCE [31.23, -85.21]</b> | 02/22/13 22:45 CST | 0 | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/13 00:30 CST | 0 | 0 | Source: Broadcast Media         |

WTVY reported that Cedar Spring Road at King Road was closed due to flooding.

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| <b>HOUSTON COUNTY --- 1.7 SE POWER DAM ROAD [31.24, -85.62], 1.9 SE POWER DAM ROAD [31.24, -85.61], 2.0 SE POWER DAM ROAD [31.24, -85.61], 1.8 SE POWER DAM ROAD [31.24, -85.62]</b>  |                    |                   |                     |                                 |
|   | 02/22/13 22:45 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST |                   | 0                   | Source: Broadcast Media         |
| WTVY reported that Hubbard Road near Highway 84 was closed due to flooding.   |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 2.3 NE WICKSBURG [31.22, -85.59], 1.8 NE WICKSBURG [31.22, -85.60], 1.7 ENE WICKSBURG [31.21, -85.59], 2.3 WSW HOLLIS DAIRY RD [31.22, -85.59]</b>  |                    |                   |                     |                                 |
|   | 02/22/13 22:45 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST |                   | 0                   | Source: Broadcast Media         |
| WTVY reported that Cumbie Road at County Line was closed due to flooding.   |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 1.0 SW DOTHAN [31.21, -85.40], 1.1 SW DOTHAN [31.21, -85.40], 0.9 SW DOTHAN [31.21, -85.40], 0.8 SW DOTHAN [31.21, -85.40]</b>  |                    |                   |                     |                                 |
|   | 02/22/13 23:09 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST |                   | 0                   | Source: Broadcast Media         |
| WWNT Radio 1450 AM reported that the 600-800 block of Selma Street was closed due to water over the road.   |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 2.0 S KELLY SPRINGS [31.24, -85.44], 2.0 S KELLY SPRINGS [31.24, -85.44], 2.1 SSE KELLY SPRINGS [31.24, -85.44], 2.0 SSE KELLY SPRINGS [31.24, -85.44]</b>  |                    |                   |                     |                                 |
|   | 02/22/13 23:09 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST |                   | 0                   | Source: Broadcast Media         |
| WWNT Radio 1450 AM reported that the 800 block of Deerpath Road was closed due to water over the road.  |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- 2.7 SW DOTHAN [31.19, -85.42], 2.7 SW DOTHAN [31.19, -85.42], 2.8 SW DOTHAN [31.19, -85.42], 2.8 SW DOTHAN [31.19, -85.42]</b>  |                    |                   |                     |                                 |
|   | 02/22/13 23:09 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 00:30 CST |                   | 0                   | Source: Broadcast Media         |
| WWNT Radio 1450 AM reported that the 100 block of Moore Road was closed due to water over the road.   |                    |                   |                     |                                 |
| <b>GENEVA COUNTY --- 0.5 NNE HARTFORD [31.11, -85.69], 0.3 NE HARTFORD [31.10, -85.69], 0.8 ENE HARTFORD [31.10, -85.68], 0.9 ENE HARTFORD [31.11, -85.68]</b>  |                    |                   |                     |                                 |
|   | 02/23/13 09:00 CST |                   | 25K                 | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 11:15 CST |                   | 0                   | Source: 911 Call Center         |
| A driveway was washed out and blocked Slocomb Road at Highway 52 East. Monetary damage was estimated.   |                    |                   |                     |                                 |
| <b>HOUSTON COUNTY --- DOTHAN [31.22, -85.39], 1.5 SSW ASHFORD [31.16, -85.24], GORDON [31.14, -85.09], 1.0 S BARBER [31.22, -85.23]</b>   |                    |                   |                     |                                 |
|   | 02/23/13 09:00 CST |                   | 50K                 | Flash Flood (due to Heavy Rain) |
|   | 02/23/13 11:15 CST |                   | 0                   | Source: Emergency Manager       |
| Multiple road were closed due to flash flood damage. The bulk of the road closures were from near Dothan southeastward through Ashford to Gordon. Some roads include Bruner Pond, Fowler, Womack, Pineview, and Turnpike. Monetary damage was estimated.  |                    |                   |                     |                                 |
| A series of upper level disturbance rotating around a mean longwave trough west of the area brought copious amounts of moisture into the area. The KTAE rawinsonde sounding on the evening of February 22nd measured a PWAT value of 1.77 inches, which was the 2nd highest PWAT observed during the month of February at that location. Rainfall amounts between 4 and 10 inches were observed during the 5 day period between Feb 22-26. This led to areas of flooding. |                    |                   |                     |                                 |

### ALABAMA, Southwest

|  |                    |  |     |                                       |
|--|--------------------|--|-----|---------------------------------------|
| <b>WASHINGTON COUNTY --- 5.3 S BIGBEE [31.54, -88.16], 3.9 N ST STEPHENS [31.59, -88.06]</b> |                    |  |     |                                       |
|  | 02/10/13 17:00 CST |  | 30K | Tornado (EF1, L: 6.50 mi , W: 200 yd) |
|  | 02/10/13 17:10 CST |  | 0   | Source: NWS Storm Survey              |

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| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| <p>The tornado touched down in a deeply wooded area west of County Road 34 in eastern Washington county. The tornado quickly intensified to EF-1 strength as it crossed County Road 34 damaging the roofs of a few homes and blowing down numerous pine trees. The tornado continued northeast across the Tombigbee river crossing into Clarke County.</p> |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- 3.3 SW SALITPA [31.59, -88.06], 2.2 SSW WINN [31.62, -87.93]</b>  |                    |                   |                     |                                       |
|  | 02/10/13 17:10 CST |                   | 30K                 | Tornado (EF1, L: 7.75 mi , W: 200 yd) |
|  | 02/10/13 17:19 CST |                   | 0                   | Source: NWS Storm Survey              |

The tornado touched down in a deeply wooded area west of County Road 34 in eastern Washington county. The tornado quickly intensified to EF-1 strength as it crossed County Road 34 damaging the roofs of a few homes and blowing down numerous pine trees. The tornado continued northeast across the Tombigbee river crossing into Clarke County where it produced damage on old lock road to 3 wood frame homes (blowing one off of its masonry block foundation)... rolling one single wide mobile home over onto its side...and blowing another single wide mobile home off of its blocks. The tornado continued east across highway 69 snapping several pine trees. The tornado then dissipated in a deeply wooded area east of highway 69 before reaching U.S. Highway 43 north of Jackson. A second brief tornado formed from this same thunderstorm a short distance farther southeast near Highway 43 (see Antioch tornado with this event).

|   |                    |  |     |                                      |
|---|--------------------|--|-----|--------------------------------------|
| <b>CLARKE COUNTY --- 4.4 ESE WINN [31.62, -87.85], 5.0 ESE WINN [31.63, -87.84]</b> |                    |  |     |                                      |
|   | 02/10/13 17:26 CST |  | 10K | Tornado (EF1, L: 0.91 mi , W: 80 yd) |
|   | 02/10/13 17:27 CST |  | 0   | Source: NWS Storm Survey             |

This very brief tornado touched down just east of U.S. Highway 43 north of Jackson near Camp Maubila Road. In this area the tornado peeled back the roof panels of a metal shed... snapped several pine trees mid trunk. The tornado paralleled highway 43 for its short life...dissipating in a wooded area just east of Highway 43.

|  |                    |  |    |                |
|--|--------------------|--|----|----------------|
| <b>CLARKE COUNTY --- COFFEEVILLE [31.75, -88.10]</b> |                    |  |    |                |
|  | 02/10/13 18:00 CST |  | 5K | Hail (1.75 in) |
|  | 02/10/13 18:02 CST |  | 0  | Source: Public |

Large haul along with trees down.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>CLARKE COUNTY --- GROVE HILL [31.70, -87.78]</b> |                    |  |   |                           |
|   | 02/10/13 23:59 CST |  | 0 | Heavy Rain                |
|   | 02/10/13 23:59 CST |  | 0 | Source: Emergency Manager |

Storm total rainfall of 5.36 inches.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>CLARKE COUNTY --- GROVE HILL [31.70, -87.78]</b> |                    |  |   |                           |
|   | 02/11/13 00:00 CST |  | 0 | Heavy Rain                |
|   | 02/11/13 06:00 CST |  | 0 | Source: Emergency Manager |

Storm total rainfall of 6.5 inches recorded at the county EMA office.

|  |                    |  |     |                                 |
|--|--------------------|--|-----|---------------------------------|
| <b>CLARKE COUNTY --- 1.8 W SCYRENE [31.73, -87.70], 4.2 NE WINN [31.69, -87.86], CAMPBELL [31.92, -87.98], 3.5 NNE TALLAHATTA SPGS [31.95, -87.80]</b> |                    |  |     |                                 |
|  | 02/11/13 01:00 CST |  | 25K | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 06:00 CST |  | 0   | Source: Emergency Manager       |

Heavy rains caused several roads to be washed out in portions of the county.

## Storm Data and Unusual Weather Phenomena - February 2013

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details          |
|--|--------------------|-------------------|---------------------|---------------------------------|
| <b>CLARKE COUNTY --- 2.0 NNE THOMASVILLE [31.95, -87.72], 2.9 WNW THOMASVILLE [31.94, -87.77], 1.7 W THOMASVILLE [31.92, -87.76], 0.8 NE THOMASVILLE [31.93, -87.72]</b> |                    |                   |                     |                                 |
|  | 02/11/13 01:00 CST |                   | 10K                 | Flash Flood (due to Heavy Rain) |
|  | 02/11/13 06:00 CST |                   | 0                   | Source: Emergency Manager       |

Heavy rain caused roads to be washed out in Thomasville.

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
| <b>CLARKE COUNTY --- THOMASVILLE [31.92, -87.73]</b> |                    |  |     |                              |
|  | 02/11/13 02:30 CST |  | 10K | Thunderstorm Wind (EG 61 kt) |
|  | 02/11/13 02:32 CST |  | 0   | Source: Emergency Manager    |

Winds estimated at 70 mph caused damage to two houses.

|   |                    |  |     |                           |
|---|--------------------|--|-----|---------------------------|
| <b>MONROE COUNTY --- MONROEVILLE [31.52, -87.33], 3.3 SE FINCHBURG [31.60, -87.51], 2.3 N WAINWRIGHT [31.68, -87.48], 1.9 W MONROETON [31.65, -87.33]</b> |                    |  |     |                           |
|   | 02/11/13 07:00 CST |  | 25K | Flood (due to Heavy Rain) |
|   | 02/11/13 12:00 CST |  | 0   | Source: Emergency Manager |

Heavy rains caused flooding in many areas with water around 2 houses.

**Thunderstorms developed ahead of an approaching cold front. Some of the thunderstorms became severe with damaging winds and tornadoes. The storms also produced very heavy rain which caused flash flooding.**

|  |                    |  |    |                         |
|--|--------------------|--|----|-------------------------|
| <b>MOBILE COUNTY --- 4.0 SW MOBILE BATES FLD [30.64, -88.28]</b> |                    |  |    |                         |
|  | 02/25/13 03:15 CST |  | 5K | Lightning               |
|  | 02/25/13 03:16 CST |  | 0  | Source: Law Enforcement |

Lightning struck a shed and caused a fire.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>MOBILE COUNTY --- 1.7 E (MOB)MOBILE BATES FL [30.68, -88.20], 1.8 E (MOB)MOBILE BATES FL [30.68, -88.20], 1.8 E (MOB)MOBILE BATES FL [30.68, -88.20], 1.7 E (MOB)MOBILE BATES FL [30.68, -88.20]</b> |                    |  |   |                           |
|   | 02/25/13 20:16 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 02/25/13 23:16 CST |  | 0 | Source: Law Enforcement   |

Heavy rains caused minor street flooding near intersection of Airport blvd. and Foreman Road.

**Thunderstorms produced heavy rain and lightning.**