

## Storm Data and Unusual Weather Phenomena - February 2016

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

### ALABAMA, Central

#### PICKENS COUNTY --- 1.1 WNW DANCY [33.03, -88.32], 1.6 NNW OWENS [33.34, -88.06]

|                    |   |   |  |   |
|--------------------|---|---|--|---|
| 02/02/16 16:34 CST |   | 0 |  | Tornado (EF2, L: 26.20 mi , W: 1200 yd) |
| 02/02/16 17:09 CST | 1 | 0 |  | Source: NWS Storm Survey                |

National Weather Service meteorologists surveyed damage in Pickens County and determined that the damage was consistent with an EF -2 tornado. Maximum winds were estimated to be around 135 mph. The tornado first touched down in southwestern Pickens County south of AL Hwy 32 and west of County Road 87. From there, it continued on a northeastward path across a large part of Pickens County. The tornado was caught live on Camera by local media just after it crossed the intersection of Hwy 32 and County Road 1, just west of Cochrane. It continued northeast to the Cochrane Campground on the Tombigbee River, where scores of trees were snapped, causing minor damage to one of the buildings on the campground. The tornado first reached EF-2 magnitude as it crossed private wooded land just south of County Road 78 snapping and uprooting hundreds of trees. As the tornado crossed Huff-Barnett Road, it mowed down a wide swath of trees, with a distinct classic convergence pattern of tree fall just east of Beaver Creek. The tornado continued northeastward across Al Hwy 14 causing damage to the federal prison, and then moved on to the Martin Luther King Road/Sapp community northwest of Aliceville. Here, the tornado reached its highest rated damage. Many of the homes in this portion of the Sapp community received some extent of damage, and several were destroyed. From there, the weakening tornado continued northeastward roughly parallel to AL Hwy 17 over open and forested rural Pickens County until it passed just west of Carrollton. The tornado reintensified and broadened somewhat, with a more significant tree-fall causing damage to a few homes on the west side of Carrollton. The tornado continued on the same northeastward path gradually weakening over rural areas before lifting near Herbert Windle Road southwest of Reform.

#### FAYETTE COUNTY --- 6.7 W NEWTONVILLE [33.54, -87.92], 3.3 ESE BELK [33.62, -87.88]

|                    |  |   |  |                                       |
|--------------------|--|---|--|---------------------------------------|
| 02/02/16 17:36 CST |  | 0 |  | Tornado (EF1, L: 6.12 mi , W: 500 yd) |
| 02/02/16 17:45 CST |  | 0 |  | Source: NWS Storm Survey              |

National Weather Service meteorologists surveyed damage in Fayette County and have determined that the damage was consistent with an EF -1 tornado. Winds were estimated to be around 90 mph.

The tornado touched down along Ashcraft Corner Cutoff and tracked northeast almost paralleling Alabama Highway 159 between County Roads 1 and 2. It then continued northeast along Owens Road before lifting along County Road 4. The damage consisted mainly of snapped and uprooted trees. The only structural damage found along the path was minor shingle and porch damage to one residence at the intersection of Alabama Highway 159 and Summers Drive.

#### LAMAR COUNTY --- 3.6 S BEAVERTON [33.88, -88.02], 2.5 E BEAVERTON [33.93, -87.99]

|                    |  |   |  |                                       |
|--------------------|--|---|--|---------------------------------------|
| 02/02/16 20:10 CST |  | 0 |  | Tornado (EF1, L: 4.13 mi , W: 400 yd) |
| 02/02/16 20:16 CST |  | 0 |  | Source: NWS Storm Survey              |

National Weather Service meteorologists surveyed damage in northern Lamar County and have determined that the damage was consistent with an EF -1 tornado. Winds were estimated to be around 105 mph.

The tornado touched down along Christain Road near Taylor Springs Road. It moved north-northeast and caused major roof damage to one residence at the intersection of Pond Road and Garrison Road. From there, the tornado turned more to the northeast snapping and uprooting trees as it crossed County Road 49, Piney Grove Road, Pinewood Circle, and Turkey Branch Road. One residence on Pinewood Circle sustained minor shingle damage. The tornado continued northeast causing only tree damage until it lifted along Sorghum Hollow Road.

#### PICKENS COUNTY --- 2.5 W MELROSE [33.40, -88.16], 2.4 NNE MELROSE [33.43, -88.11]

|                    |  |   |  |  |
|--------------------|--|---|--|--|
| 02/02/16 23:02 CST |  | 0 |  | Tornado (EF0, L: 4.18 mi , W: 1400 yd) |
| 02/02/16 23:08 CST |  | 0 |  | Source: NWS Storm Survey               |

National Weather Service meteorologists surveyed damage in Pickens County and have determined that the damage was consistent with an EF -0 tornado. Winds were estimated to be around 85 mph.

The tornado touched down between Keasler Road and Heritage Road just north of the railroad tracks. It moved northeast crossing County Road 30, County Road 35, U.S. Highway 82, and Price Road Causing only tree damage. The tornado lifted before reaching County Road 45.

#### LAMAR COUNTY --- 0.9 WSW CREWS [33.90, -88.15], 0.9 WSW CREWS [33.89, -88.14], 0.7 WSW CREWS [33.90, -88.14], 0.8 WSW CREWS [33.90, -88.14]

|                    |  |   |  |                                 |
|--------------------|--|---|--|---------------------------------|
| 02/02/16 23:30 CST |  | 0 |  | Flash Flood (due to Heavy Rain) |
| 02/03/16 00:30 CST |  | 0 |  | Source: Fire Department/Rescue  |

The Fire Department reported up to one foot of water flowing across Waterworks Road near the intersection of Highway 278.

#### GREENE COUNTY --- 2.1 N MILLER [32.75, -88.08]

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|----------|--------------------|-------------------|---------------------|--------------------------------|
|          | 02/02/16 23:48 CST |                   | 0                   | Thunderstorm Wind (EG 60 kt)   |
|          | 02/02/16 23:50 CST |                   | 0                   | Source: Fire Department/Rescue |

Approximately 20 to 30 trees uprooted by high winds.

### HALE COUNTY --- 0.9 NW AKRON [32.88, -87.74]

|                    |   |                              |
|--------------------|---|------------------------------|
| 02/03/16 00:10 CST | 0 | Thunderstorm Wind (EG 55 kt) |
| 02/03/16 00:30 CST | 0 | Source: Emergency Manager    |

One single family residence and several outbuildings damaged in the town of Akron. Numerous trees uprooted across Hale County.

### ETOWAH COUNTY --- 0.6 NW ORD [33.99, -85.99]

|                    |   |                              |
|--------------------|---|------------------------------|
| 02/03/16 02:20 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 02/03/16 02:22 CST | 0 | Source: Emergency Manager    |

Four homes on Riverside Drive in the city of Gadsden received minor damage, including loss of shingles and siding blown off. Power lines downed in the same area.

### PERRY COUNTY --- 1.6 SSE RADFORD [32.58, -87.19], 4.0 SE PERRYVILLE [32.59, -87.07], 5.4 S BETHLEHEM [32.72, -87.10], 2.6 SSW LEVERT [32.71, -87.24]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 02/03/16 03:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/03/16 05:30 CST | 0 | Source: Emergency Manager       |

Several roads flooded and impassable across eastern Perry County. Roads flooded include County Road 30, County Road 64, and County Road 49.

**A strong upper level system developed over the Central Plains and a surface low moved from the Mid Mississippi Valley into the Great Lakes. Although this was well removed from Central Alabama, the system was strong enough that winds at the surface and aloft increased significantly. This produced high wind shear. The combination of the high precipitable water values and unseasonably warm temperatures produced very unstable conditions across central Alabama. A cold front approached the region late Tuesday afternoon into Tuesday evening, a few supercell thunderstorms developed. Eventually, the storms became organized into a line and produced heavy rainfall and flash flooding.**

### MONTGOMERY COUNTY --- 2.8 SSW MATHEWS [32.24, -86.02], 0.5 S MATHEWS [32.26, -86.00]

|                    |   |                                      |
|--------------------|---|--------------------------------------|
| 02/15/16 16:00 CST | 0 | Tornado (EF0, L: 2.46 mi , W: 75 yd) |
| 02/15/16 16:05 CST | 0 | Source: NWS Storm Survey             |

National Weather Service meteorologists surveyed damage in northeastern Montgomery County and determined that the damage was consistent with an EF-0 tornado. Winds were estimated to be around 80 mph.

The tornado first touched down just south of Lawson Road, where it toppled 2 trees. It then proceeded northeast and paralleled Lawson Road. As the tornado approached Flowers Road, additional damage occurred to a metal building, where a portion of the roof and side panels were removed. Here, the tornado was at its strongest point with winds estimated at 80 mph. Roughly 300 yards past Flowers Road, additional 80 mph winds associated with the tornado collapsed another outbuilding. The tornado continued northeast, and additional large limbs were down until the tornado lifted before reaching Dani Lane.

### PIKE COUNTY --- GOSHEN [31.72, -86.12]

|                    |   |                              |
|--------------------|---|------------------------------|
| 02/15/16 17:59 CST | 0 | Thunderstorm Wind (EG 65 kt) |
| 02/15/16 18:02 CST | 0 | Source: NWS Storm Survey     |

Large trees down near Goshen High School.

### PIKE COUNTY --- 1.4 NW HAMILTON XRDS [31.66, -85.84], 3.9 SE BRUNDIDGE MUNI ARPT [31.69, -85.76]

|                    |   |                                       |
|--------------------|---|---------------------------------------|
| 02/15/16 18:20 CST | 0 | Tornado (EF1, L: 4.98 mi , W: 400 yd) |
| 02/15/16 18:26 CST | 0 | Source: NWS Storm Survey              |

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| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details                |
|---|--------------------|----------------------|------------------------|---------------------------------------|
| National Weather Service meteorologists surveyed damage in southern Pike County and determined that the damage was consistent with an EF -1 tornado. Winds were estimated to be around 105 mph.   |                    |                      |                        |                                       |
| The tornado formed along a QLCS and first touched down over an area of clear-cut forest just northwest of AL Hwy 125, approximately 1.5 miles west-southwest of U.S. Hwy 231. Shortly after touching down, it reached its peak wind speeds of approximately 105 mph, where it uprooted or snapped 50 to 100 pine trees across a path that approached AL Hwy 125. A mobile home was destroyed and a home was damaged due to the falling trees. It continued east-northeast and crossed U.S. Hwy 231 about 9/10 of a mile south of the intersection of AL Hwy 125 and U.S. Hwy 231. The tornado caused minor roof damage to a home along U.S. Hwy 231, and then destroyed a partially covered horse arena before crossing an open field and snapping numerous trees along the tree line. From there, the tornado crossed Pike County Road 4423 and continued on the same path as it crossed Pike County Road 4421. Numerous trees were snapped or uprooted at both locations. The tornado appeared to broaden and weaken rapidly after crossing County Road 4421. |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>BARBOUR COUNTY --- 1.8 NW LINDSEY [31.77, -85.50]</b>  |                    |                      |                        |                                       |
|   | 02/15/16 18:44 CST | 0                    |                        | Thunderstorm Wind (EG 55 kt)          |
|   | 02/15/16 18:46 CST | 0                    |                        | Source: NWS Storm Survey              |
| Metal roofing peeled off chicken houses.  |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>RUSSELL COUNTY --- 3.5 N UCHEE [32.40, -85.35], 1.9 NW HUGLEY [32.45, -85.25]</b>  |                    |                      |                        |                                       |
|   | 02/15/16 18:57 CST | 0                    |                        | Tornado (EF1, L: 6.80 mi , W: 400 yd) |
|   | 02/15/16 19:04 CST | 0                    |                        | Source: NWS Storm Survey              |
| National Weather Service meteorologists surveyed damage in northwestern Russell County and determined that the damage was consistent with an EF -1 tornado. Winds were estimated to be around 90 mph.   |                    |                      |                        |                                       |
| The tornado touched down just southwest of Huguley Road, where it quickly intensified and snapped or uprooted numerous trees. The tornado achieved maximum intensity at this location, with winds around 90 mph. The most concentrated tree damage to mostly softwood trees was also observed. Moving quickly northeastward, the tornado crossed Capps Road, Phillips Road, Willis Valley Road, and Herring Road. A large steel truss shed was completely destroyed on Herring and lofted upward over power lines. An adjacent single family home sustained shingle damage, and a brick chimney collapsed. These were the only structures damaged in this tornado. Continuing northeastward, the tornado crossed U. S. Highway 80. Sporadic tree damage was noted along Green Dudley Road before ending at Thomas Road.   |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>RUSSELL COUNTY --- 0.9 SW UNLAND [32.41, -85.29]</b>   |                    |                      |                        |                                       |
|   | 02/15/16 19:00 CST | 0                    |                        | Thunderstorm Wind (EG 60 kt)          |
|   | 02/15/16 19:01 CST | 0                    |                        | Source: Broadcast Media               |
| Several trees and power lines down on a home and vehicle.   |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>RUSSELL COUNTY --- 2.3 SE UNLAND [32.40, -85.25], 1.5 NNW CRAWFORD [32.47, -85.19]</b>   |                    |                      |                        |                                       |
|   | 02/15/16 19:00 CST | 0                    |                        | Tornado (EF0, L: 6.58 mi , W: 250 yd) |
|   | 02/15/16 19:07 CST | 0                    |                        | Source: NWS Storm Survey              |
| National Weather Service meteorologists surveyed damage in northern Russell County and extreme southern Lee County and determined that the damage was consistent with an EF-0 tornado. Winds were estimated to be around 75 mph.  |                    |                      |                        |                                       |
| The tornado touched down just southwest of Padgett Road in northwestern Russell County, where sporadic tree damage was noted. As the tornado continued northeastward, the most significant tree damage was observed along Brown Road, where numerous trees were uprooted or snapped in a sporadic pattern. The tornado paralleled Brown Road for several miles, where a few homes sustained shingle damage. An outbuilding along Brown Road just southwest of Crawford sustained heavy roof damage. An uninhabited single family home sustained damage as a large cedar tree fell onto it just north of Crawford along Bleeker Road. The final tree damage from the tornado was noted just inside the Lee County line along County Road 179.  |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>RUSSELL COUNTY --- 2.7 NW HUGLEY [32.46, -85.26]</b>   |                    |                      |                        |                                       |
|   | 02/15/16 19:03 CST | 0                    |                        | Thunderstorm Wind (EG 70 kt)          |
|   | 02/15/16 19:04 CST | 0                    |                        | Source: Broadcast Media               |
| Numerous trees snapped and uprooted along Thomas Road.  |                    |                      |                        |                                       |
| <hr/>   |                    |                      |                        |                                       |
| <b>RUSSELL COUNTY --- 2.1 NNW HUGLEY [32.46, -85.24]</b>  |                    |                      |                        |                                       |
|   | 02/15/16 19:05 CST | 0                    |                        | Thunderstorm Wind (EG 70 kt)          |
|   | 02/15/16 19:06 CST | 0                    |                        | Source: Public                        |
| Barn destroyed and numerous trees and power lines down.   |                    |                      |                        |                                       |

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| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| <b>LEE COUNTY --- 2.2 SSW J C MEADOWS XRDS [32.47, -85.19], 1.7 SSW J C MEADOWS XRDS [32.48, -85.18]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 19:07 CST |                   | 0                   | Tornado (EF0, L: 0.51 mi , W: 250 yd) |
|  | 02/15/16 19:08 CST |                   | 0                   | Source: NWS Storm Survey              |
| National Weather Service meteorologists surveyed damage in northern Russell County and extreme southern Lee County and determined that the damage was consistent with an EF-0 tornado. Winds were estimated to be around 75 mph.<br>This tornado was a continuation of a tornado that moved out of Russell County.   |                    |                   |                     |                                       |
| <b>BARBOUR COUNTY --- 1.3 NW EUFAULA [31.89, -85.17]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 19:16 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|  | 02/15/16 19:18 CST |                   | 0                   | Source: Law Enforcement               |
| Numerous trees uprooted around the city of Eufaula.  |                    |                   |                     |                                       |
| <b>A sharp 500 MB upper trof shifted eastward along the Lower Mississippi Valley. As the upper trof approached the Mississippi River, a surface low developed over southern Mississippi and deepened as it tracked northeast into central Alabama. A mixture of high precipitation (HP) supercells and line segments developed and consolidated into a quasi-linear convective system (QLCS) south of Interstate 85 and east of Interstate 65, producing straight-line wind damage and four tornadoes.</b>   |                    |                   |                     |                                       |
| <b>PICKENS COUNTY --- 2.1 ENE REFORM NO PICKENS AR [33.39, -87.97], 1.2 S PALMETTO [33.46, -87.98]</b>   |                    |                   |                     |                                       |
|  | 02/23/16 16:22 CST |                   | 0                   | Tornado (EF0, L: 4.80 mi , W: 150 yd) |
|  | 02/23/16 16:31 CST |                   | 0                   | Source: NWS Storm Survey              |
| National Weather Service meteorologists surveyed damage northeast of the city of Reform and determined that the damage was consistent with an EF -0 tornado. Maximum winds were estimated to be around 85 mph. The tornado touched down in a wooded area near Wild Goose Creek, due south of the intersection of Ollie Bonner Road and Pickens County Road 49. From there, it moved on a slightly west of due north path as it crossed CR-49 and CR-3. The tornado ultimately lifted just north of where Beaver Creek Road crosses over Beaver Creek. The tornado remained over a rural and wooded area through almost its entire path, and damage largely consisted of trees that were either uprooted or snapped. In the area near Ollie Bonner Road and CR-49, one home and one shed each received minor roof damage.                                   |                    |                   |                     |                                       |
| <b>MARION COUNTY --- 4.6 SW WIGINTON [34.23, -87.92], 3.6 WSW WIGINTON [34.26, -87.93]</b>   |                    |                   |                     |                                       |
|  | 02/23/16 18:01 CST |                   | 0                   | Tornado (EF1, L: 2.22 mi , W: 300 yd) |
|  | 02/23/16 18:05 CST |                   | 0                   | Source: NWS Storm Survey              |
| National Weather Service meteorologists surveyed damage in northern Marion County just southwest of the city of Hackleburg and determined that the damage was consistent with an EF-1 tornado. Maximum winds were estimated to be around 95 mph. The tornado touched down just south of the intersection of Robert Dyer Road and Howell Road, just off of US Hwy 43 southwest of Hackleburg. From there, the tornado moved on a north-northwest path and crossed Spurgen Dyer Road and Marion County Road 41. The tornado ultimately lifted after it crossed State Rock Road, just east of CR-32. Damage along the path was largely limited to trees that were either uprooted or snapped. A garage near the start of the path had part of its tin peeled back , and one home near the intersection of CR-41 and CR-167 received minor damage to its roof. |                    |                   |                     |                                       |
| <b>SUMTER COUNTY --- 4.8 S SILOAM [32.36, -88.27]</b>  |                    |                   |                     |                                       |
|  | 02/23/16 18:47 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|  | 02/23/16 18:48 CST |                   | 0                   | Source: Fire Department/Rescue        |
| Several trees uprooted near the intersection of County 9 and County 10.  |                    |                   |                     |                                       |
| <b>ETOWAH COUNTY --- GADSDEN [34.02, -86.02], 2.4 SSW RAINBOW CITY [33.92, -86.04], 1.7 SW ROCK SPGS [33.91, -85.94], 3.2 S SONOMA [34.02, -85.93]</b>   |                    |                   |                     |                                       |
|  | 02/23/16 23:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain)       |
|  | 02/24/16 01:00 CST |                   | 0                   | Source: Emergency Manager             |
| Several streets in the city of Gadsden flooded. A vehicle was partially submerged on 11th Street. Water across roadway on Tuscaloosa Avenue and at the intersection of Hoke Street and Stillman Avenue. Intersection of 6th Street and 6th Place impassable. Intersection of Pilgrims Rest and South Villaey Avenue impassable.  |                    |                   |                     |                                       |
| <b>SHELBY COUNTY --- 2.8 NE SHELBY SPGS [33.16, -86.67], 3.1 WSW COLUMBIANA [33.17, -86.65]</b>  |                    |                   |                     |                                       |
|  | 02/24/16 04:04 CST |                   | 0                   | Tornado (EF0, L: 1.11 mi , W: 80 yd)  |
|  | 02/24/16 04:05 CST |                   | 0                   | Source: NWS Storm Survey              |

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| Location   | Date/Time | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details |
|--|-----------|----------------------|------------------------|------------------------|
| National Weather Service meteorologists surveyed damage in southern Shelby County just southwest of the city of Columbiana and determined that the damage was consistent with an EF-0 tornado. Maximum winds were estimated to be around 75 mph. The tornado touched down along CR-97 near the intersection with CR-314. It then moved east-northeast over a largely rural and wooded area and crossed a small portion of CR-305 and Golden Rd before lifting along Peaceful Valley Rd. The majority of the damage consisted of snapped or uprooted trees. There was minor roof damage to a residence on CR-97, and a mobile home at the end of Golden Rd was partially shifted off its foundation . |           |                      |                        |                        |

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### SHELBY COUNTY --- 2.3 E NELSON [33.23, -86.54]

|                    |   |                              |
|--------------------|---|------------------------------|
| 02/24/16 04:14 CST | 0 | Thunderstorm Wind (EG 60 kt) |
| 02/24/16 04:16 CST | 0 | Source: Public               |

Several trees uprooted. One fell on a house and another on a barn. Power lines downed in same area. One tree snapped.

**A trough of low pressure at 500 milibars was analyzed near the New Mexico and Texas border. A weak shortwave trough was also analyzed across northwest Mississippi. At the surface, a stationary front was draped from McComb, Mississippi, eastward to near a Tuscaloosa to Anniston, Alabama line. A surface low began to deepen over east Texas producing strengthening low level wind fields. Despite limited surface based instability over central Alabama due to persistent low clouds, the atmosphere was characterized by deep shear and increasing instability aloft.**

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## ALABAMA, North

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### LAWRENCE COUNTY --- 0.9 NW MOULTON [34.49, -87.29], 0.9 NW MOULTON [34.49, -87.29], 0.9 NW MOULTON [34.49, -87.29], 0.9 NW MOULTON [34.49, -87.29]

|                    |   |                           |
|--------------------|---|---------------------------|
| 02/02/16 21:25 CST | 0 | Flood (due to Heavy Rain) |
| 02/03/16 00:00 CST | 0 | Source: Trained Spotter   |

A spotter reported water making it into a home near Moulton.

**A potent storm system which produced a large tornado in central Alabama remained active through early Wednesday. While thunderstorm activity was very minor in North Alabama, heavy and persistent rainfall caused some minor flash flooding concerns. Reports of 3" of rain in several location with high soil moisture caused small creeks and poor drainage areas to flood. A flash flood warning was issued for Franklin, Morgan, and Lawrence Counties.**

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### (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB

|                    |   |                |
|--------------------|---|----------------|
| 02/09/16 04:50 CST | 0 | Winter Weather |
| 02/09/16 11:55 CST | 0 |                |

**A powerful cold front and upper level disturbance produced bands of snow showers during the evening of the 8th through the evening of the 10th. Snowfall amounts of an inch or less were received in north central and northeast Alabama, with a dusting to a half inch in northwest Alabama. A few isolated spots on Brindley Mountain in Morgan and Marshall Counties downstream of a lake effect band off Wheeler Lake received 1-2 inches.**

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### (AL-Z010) DEKALB

|                    |   |                |
|--------------------|---|----------------|
| 02/15/16 05:00 CST | 0 | Winter Weather |
| 02/15/16 14:00 CST | 0 |                |

Light freezing rain produced a light glaze on trees, powerlines, and other elevated objects atop Lookout Mountain during the morning and early afternoon of the 15th.

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### MORGAN COUNTY --- 1.2 SSE FALKVILLE [34.35, -86.89], 1.1 S FALKVILLE [34.35, -86.90], 0.4 SE FALKVILLE [34.37, -86.90], 0.5 SE FALKVILLE [34.36, -86.89]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 02/15/16 19:03 CST | 0 | Flash Flood (due to Heavy Rain) |
| 02/15/16 22:00 CST | 0 | Source: Emergency Manager       |

Three adults and two children were rescued from flood waters along Douglas Road between Piney Grove Street and West Piney Grove Road.

**After heavy rainfall, flash flooding occurred along Robinson Creek just southeast of Falkville.**

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### (AL-Z009) JACKSON, (AL-Z010) DEKALB

|                    |   |                       |
|--------------------|---|-----------------------|
| 02/24/16 00:09 CST | 0 | High Wind (MAX 60 kt) |
| 02/24/16 01:53 CST | 0 |                       |

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|--|--------------------|-------------------|---------------------|------------------------------|
| <b>DEKALB COUNTY --- 1.3 WSW ARONA [34.22, -86.10], 1.3 WSW ARONA [34.22, -86.10], 1.3 WSW ARONA [34.22, -86.10], 1.3 WSW ARONA [34.22, -86.10]</b>  |                    |                   |                     |                              |
|  | 02/24/16 01:06 CST |                   | 0                   | Flood (due to Heavy Rain)    |
|  | 02/24/16 03:00 CST |                   | 0                   | Source: Law Enforcement      |
| A bridge was reported to be submerged by flood waters along County Road 386.   |                    |                   |                     |                              |
| <b>DEKALB COUNTY --- 1.5 NW STAMP [34.60, -85.75], 1.5 NW STAMP [34.60, -85.75], 1.5 NW STAMP [34.60, -85.75], 1.5 NW STAMP [34.60, -85.75]</b>  |                    |                   |                     |                              |
|  | 02/24/16 01:16 CST |                   | 0                   | Flood (due to Heavy Rain)    |
|  | 02/24/16 03:00 CST |                   | 0                   | Source: Emergency Manager    |
| Wright Road in Henager, Alabama was closed due to up to 12 inches of water flooding the road.  |                    |                   |                     |                              |
| <b>CULLMAN COUNTY --- 2.7 NE CENTERVILLE [34.31, -86.90]</b>   |                    |                   |                     |                              |
|  | 02/24/16 01:45 CST |                   | 0                   | Thunderstorm Wind (EG 52 kt) |
|  | 02/24/16 01:46 CST |                   | 0                   | Source: Emergency Manager    |
| Multiple trees were downed by thunderstorm winds along Highway 31 near the Cullman and Morgan County, Alabama line.  |                    |                   |                     |                              |
| <b>MARSHALL COUNTY --- 1.7 SW ALBERTVILLE MUNI ARP [34.21, -86.27], 1.7 SW ALBERTVILLE MUNI ARP [34.21, -86.27], 1.7 SW ALBERTVILLE MUNI ARP [34.21, -86.27], 1.7 SW ALBERTVILLE MUNI ARP [34.21, -86.27]</b>  |                    |                   |                     |                              |
|  | 02/24/16 06:20 CST |                   | 0                   | Flood (due to Heavy Rain)    |
|  | 02/24/16 09:00 CST |                   | 0                   | Source: Emergency Manager    |
| Around a foot of water was over a bridge along White Oak Road around 5 miles southwest of Albertville, Alabama.  |                    |                   |                     |                              |
| <p><b>A strong low pressure system moved northeast through Mississippi and across the northwest tip of Alabama during the overnight hours of the 23rd into the 24th. Bands of moderate to heavy showers and a few thunderstorms occurred ahead of this cold front and low across north Alabama. A wake low was generated behind one of the heavier precipitation bands and spread gusty winds of 35 to 50 mph across central into northeast Alabama during a period from approximately 10 pm through 1 am LST. Winds gusted up to 60 mph at one location downing multiple trees. Emergency management and media received several reports of trees and power lines being knocked down in these areas, with power outages reported. Gusty winds of 25 to 40 mph continued through the morning hours, with a few more reports of power outages.</b></p> |                    |                   |                     |                              |
| <b>ALABAMA, Southeast</b>  |                    |                   |                     |                              |
| <b>COFFEE COUNTY --- 1.9 ENE PINE LEVEL [31.48, -86.15]</b>  |                    |                   |                     |                              |
|  | 02/15/16 18:05 CST |                   | 20K                 | Thunderstorm Wind (EG 50 kt) |
|  | 02/15/16 18:05 CST |                   | 0                   | Source: Public               |
| Trees were blown down near the Coffee County Lake with a car damaged from the falling trees. Damage cost was estimated.  |                    |                   |                     |                              |
| <b>COFFEE COUNTY --- BLUFF SPRINGS [31.57, -86.06]</b>   |                    |                   |                     |                              |
|  | 02/15/16 18:10 CST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|  | 02/15/16 18:10 CST |                   | 0                   | Source: Law Enforcement      |
| Trees and power lines were blown down in the northwest part of Coffee county.  |                    |                   |                     |                              |
| <b>COFFEE COUNTY --- 1.3 NNE BASIN [31.36, -86.12]</b>   |                    |                   |                     |                              |
|  | 02/15/16 18:15 CST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|  | 02/15/16 18:15 CST |                   | 0                   | Source: Trained Spotter      |
| A tree was blown down on Highway 189 about 5 miles outside of Elba. Power lines were also blown down.  |                    |                   |                     |                              |
| <b>COFFEE COUNTY --- 0.6 W ARCUS [31.51, -85.98]</b>   |                    |                   |                     |                              |
|  | 02/15/16 18:17 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt) |
|  | 02/15/16 18:17 CST |                   | 0                   | Source: Trained Spotter      |
| Trees were blown down on Highway 125 between Elba and Highway 167.   |                    |                   |                     |                              |

## Storm Data and Unusual Weather Phenomena - February 2016

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| <b>COFFEE COUNTY --- TABERNACLE [31.45, -85.86]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 18:30 CST |                   | 3K                  | Thunderstorm Wind (EG 55 kt)          |
|   | 02/15/16 18:30 CST |                   | 0                   | Source: Law Enforcement               |
| Multiple trees and power lines were blown down in the area.   |                    |                   |                     |                                       |
| <b>DALE COUNTY --- 0.5 N GREATER OLD SALEM CHURCH [31.53, -85.76]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 18:40 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/15/16 18:40 CST |                   | 0                   | Source: 911 Call Center               |
| A tree was blown down onto County Road 5 near the intersection with County Road 245.  |                    |                   |                     |                                       |
| <b>DALE COUNTY --- 1.4 NNE ARGUTA [31.59, -85.58]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 18:49 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/15/16 18:49 CST |                   | 0                   | Source: 911 Call Center               |
| A tree was blown down onto East County Road 19 near the intersection with County Road 70.   |                    |                   |                     |                                       |
| <b>HENRY COUNTY --- 3.5 S EDWIN [31.61, -85.36]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 19:05 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/15/16 19:05 CST |                   | 0                   | Source: 911 Call Center               |
| A tree was blown down onto County Road 75.  |                    |                   |                     |                                       |
| <b>GENEVA COUNTY --- 0.5 N SLOCOMB [31.11, -85.59]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 19:15 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/15/16 19:15 CST |                   | 0                   | Source: 911 Call Center               |
| A tree was blown down onto State Highway 52 in Slocomb.   |                    |                   |                     |                                       |
| <b>A strong upper level trough and cold pushed through the region during the evening of February 15th. Ahead of it, a squall line progressed across the area with reports of damaging wind gusts, mainly in the form of trees and power lines blowing down.</b> |                    |                   |                     |                                       |
| <b>GENEVA COUNTY --- 2.0 SW LYTLE [31.05, -85.98]</b>   |                    |                   |                     |                                       |
|   | 02/23/16 21:39 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/23/16 21:39 CST |                   | 0                   | Source: Law Enforcement               |
| Trees were blown down across Johnny Johnson Road near Open Pond Road.   |                    |                   |                     |                                       |
| <b>GENEVA COUNTY --- 0.3 NW LYTLE [31.07, -85.95]</b>   |                    |                   |                     |                                       |
|   | 02/23/16 21:40 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 02/23/16 21:40 CST |                   | 0                   | Source: Law Enforcement               |
| Trees were blown down across County Road 65.  |                    |                   |                     |                                       |
| <b>GENEVA COUNTY --- 0.9 NW GENEVA [31.04, -85.88]</b>  |                    |                   |                     |                                       |
|   | 02/23/16 21:55 CST |                   | 5K                  | Thunderstorm Wind (EG 55 kt)          |
|   | 02/23/16 21:55 CST |                   | 0                   | Source: 911 Call Center               |
| Numerous trees were blown down in the area along with numerous power outages reported by the Wiregrass Electric Coop.   |                    |                   |                     |                                       |
| <b>GENEVA COUNTY --- HARTFORD [31.10, -85.69]</b>   |                    |                   |                     |                                       |
|   | 02/23/16 22:05 CST |                   | 10K                 | Thunderstorm Wind (EG 60 kt)          |
|   | 02/23/16 22:05 CST |                   | 0                   | Source: Public                        |
| Roof damage was reported in Hartford. Damage cost was estimated.  |                    |                   |                     |                                       |
| <b>HOUSTON COUNTY --- 0.9 ESE WICKSBURG [31.20, -85.61], 2.0 SSW HOLLIS DAIRY RD [31.20, -85.56]</b>  |                    |                   |                     |                                       |
|   | 02/23/16 22:15 CST |                   | 50K                 | Tornado (EF0, L: 2.76 mi , W: 200 yd) |
|   | 02/23/16 22:19 CST |                   | 0                   | Source: NWS Storm Survey              |

## Storm Data and Unusual Weather Phenomena - February 2016

| Location   | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details                |
|--|--------------------|----------------------|------------------------|---------------------------------------|
| <p>This was a weak tornado just north of the Houston and Geneva county border. It removed metal roofing from several barns and porches. Multiple trees were blown down. This tornado was rated EF0 with max winds estimated near 70 mph. Damage cost was estimated.</p>  |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>GENEVA COUNTY --- 3.1 SE HARTFORD [31.06, -85.66]</b>   |                    |                      |                        |                                       |
|  | 02/23/16 22:20 CST |                      | 0                      | Thunderstorm Wind (EG 50 kt)          |
|  | 02/23/16 22:20 CST |                      | 0                      | Source: Law Enforcement               |
| <p>Trees were blown down across County Highway 105.</p>  |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 1.6 NE HOLLIS DAIRY RD [31.25, -85.53], 2.2 WNW BRANNON STAND [31.25, -85.52]</b>  |                    |                      |                        |                                       |
|  | 02/23/16 22:24 CST |                      | 0                      | Tornado (EF1, L: 1.01 mi , W: 200 yd) |
|  | 02/23/16 22:28 CST |                      | 0                      | Source: NWS Storm Survey              |
| <p>This was the second tornado to develop in northwest Houston county, spawned by the same parent thunderstorm. After initially developing in Houston county, the tornado crossed into extreme southeast Dale county before moving back into Houston county in the Murphy Mill Road area. There was a small area of EF1 damage along Murphy Mill Road where many large diameter pine trees were snapped and uprooted. This tornado likely lifted before reaching U.S. Highway 231. This tornado was rated EF1 with max winds estimated near 100 mph.</p>                                     |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>DALE COUNTY --- 1.3 SSE CURRYTOWN [31.25, -85.52], 2.2 ESE CURRYTOWN [31.26, -85.49]</b>  |                    |                      |                        |                                       |
|  | 02/23/16 22:28 CST |                      | 0                      | Tornado (EF0, L: 1.79 mi , W: 200 yd) |
|  | 02/23/16 22:29 CST |                      | 0                      | Source: NWS Storm Survey              |
| <p>This is the Dale county segment of the second tornado to develop in northwest Houston county, spawned by the same parent thunderstorm. After initially developing in Houston county, the tornado crossed into extreme southeast Dale county before moving back into Houston county in the Murphy Mill Road area. This tornado was rated EF0 for the Dale portion of the track as the only EF1 damage found was found in Houston county.</p>   |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 1.1 E BRANNON STAND [31.24, -85.46]</b>  |                    |                      |                        |                                       |
|  | 02/23/16 22:28 CST |                      | 0                      | Thunderstorm Wind (EG 50 kt)          |
|  | 02/23/16 22:28 CST |                      | 0                      | Source: Fire Department/Rescue        |
| <p>A tree was blown down onto John D Odom Road near West Main.</p>   |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 1.4 N BRANNON STAND [31.26, -85.48], 2.9 E KELLY SPRINGS [31.27, -85.40]</b>   |                    |                      |                        |                                       |
|  | 02/23/16 22:28 CST |                      | 5K                     | Thunderstorm Wind (EG 50 kt)          |
|  | 02/23/16 22:35 CST |                      | 0                      | Source: Fire Department/Rescue        |
| <p>Power lines were blown down on Murphy Mill Road as well as near Technology and Westgate.</p>  |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 1.3 NNW BRANNON STAND [31.26, -85.49], 0.3 WNW KELLY SPRINGS [31.27, -85.46]</b>   |                    |                      |                        |                                       |
|  | 02/23/16 22:29 CST |                      | 0                      | Tornado (EF1, L: 2.03 mi , W: 200 yd) |
|  | 02/23/16 22:30 CST |                      | 0                      | Source: NWS Storm Survey              |
| <p>This is the second Houston county segment of the second tornado to develop in northwest Houston county, spawned by the same parent thunderstorm. After initially developing in Houston county, the tornado crossed into extreme southeast Dale county before moving back into Houston county in the Murphy Mill Road area. There was a small area of EF1 damage along Murphy Mill Road where many large diameter pine trees were snapped and uprooted. This tornado likely lifted before reaching U.S. Highway 231. This tornado was rated EF1 with max winds estimated near 100 mph.</p> |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 0.4 S KELLY SPRINGS [31.26, -85.45], 1.6 E KELLY SPRINGS [31.27, -85.42]</b>   |                    |                      |                        |                                       |
|  | 02/23/16 22:31 CST |                      | 50K                    | Tornado (EF1, L: 1.63 mi , W: 350 yd) |
|  | 02/23/16 22:34 CST |                      | 0                      | Source: NWS Storm Survey              |
| <p>This was the third tornado to develop in northwest Houston county, spawned by the same thunderstorm. Damage was focused at the athletic center of a private school and a nearby neighborhood. A concrete block baseball dugout was destroyed and several wood power poles were snapped. Multiple homes had minor roof damage. This tornado was rated EF1 with max winds near 100 mph. Damage cost was estimated.</p>  |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 0.5 E KELLY SPRINGS [31.27, -85.44]</b>  |                    |                      |                        |                                       |
|  | 02/23/16 22:32 CST |                      | 5K                     | Thunderstorm Wind (EG 55 kt)          |
|  | 02/23/16 22:32 CST |                      | 0                      | Source: Broadcast Media               |
| <p>WTVY reported damage to the northside Walmart with damage to the roof and doors. There were also reports of power lines and trees down in the area.</p>   |                    |                      |                        |                                       |
| <hr/>  |                    |                      |                        |                                       |
| <b>HOUSTON COUNTY --- 2.4 E KELLY SPRINGS [31.27, -85.41], 3.0 WNW KINSEY [31.31, -85.38]</b>  |                    |                      |                        |                                       |



## Storm Data and Unusual Weather Phenomena - February 2016

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
|          | 02/23/16 22:34 CST |                   | 75K                 | Tornado (EF1, L: 3.66 mi , W: 900 yd) |
|          | 02/23/16 22:39 CST |                   | 0                   | Source: NWS Storm Survey              |

This was the fourth tornado to develop in northwest Houston county, spawned by the same thunderstorm. The tornado began just south of Westgate Parkway, and then quickly intensified, snapping 5 power poles near Westgate Parkway and Technology Drive. Several houses in nearby neighborhoods had some roof damage and a barn also had roof damage. The remainder of the track was mostly tree damage with the tornado ending just south of the Henry-Houston county border, still in Houston county. This tornado was rated EF1 with max winds estimated near 100 mph. Damage cost was estimated.

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### HENRY COUNTY --- 2.2 W HEADLAND [31.35, -85.38], 1.7 NW HEADLAND [31.36, -85.36]

|  |                    |  |     |                                       |
|--|--------------------|--|-----|---------------------------------------|
|  | 02/23/16 22:38 CST |  | 50K | Tornado (EF1, L: 1.09 mi , W: 300 yd) |
|  | 02/23/16 22:40 CST |  | 0   | Source: NWS Storm Survey              |

This tornado was the fifth tornado to be spawned by the same parent thunderstorm in southeast Alabama, this time in Henry county. The tornado initially developed near CR-83 and the city limits of Headland, where large trees were uprooted. The tornado crossed a wooded area near a creek and then ended near Knowles Road and CR-16 where a house had roof damage, an RV was overturned, a shed was destroyed, and some large trees were uprooted. This tornado was rated EF1 with max winds estimated near 100 mph. Damage cost was estimated.

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### HENRY COUNTY --- 3.4 W MILLER [31.44, -85.21], 3.0 W MILLER [31.44, -85.20]

|  |                    |  |   |                                       |
|--|--------------------|--|---|---------------------------------------|
|  | 02/23/16 22:54 CST |  | 0 | Tornado (EF0, L: 0.40 mi , W: 100 yd) |
|  | 02/23/16 22:55 CST |  | 0 | Source: NWS Storm Survey              |

A short tornado track was determined along CR-53 just north of its intersection with CR-26. This was a concentrated area of damage with large trees uprooted and snapped near a residence. One of the trees had a small amount of debarking with large limbs removed. This tornado was rated EF0 with max winds estimated at 85 mph.

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### HOUSTON COUNTY --- REHOBETH [31.13, -85.43]

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 02/23/16 23:00 CST |  | 50K | Thunderstorm Wind (EG 60 kt) |
|  | 02/23/16 23:00 CST |  | 0   | Source: Broadcast Media      |

Roof damage occurred to some homes in the Rehobeth area. Damage was estimated.

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### HENRY COUNTY --- 0.6 NW HARDWICKBURG [31.50, -85.16], 0.7 N HARDWICKBURG [31.50, -85.15]

|  |                    |  |   |                                       |
|--|--------------------|--|---|---------------------------------------|
|  | 02/23/16 23:02 CST |  | 0 | Tornado (EF1, L: 0.50 mi , W: 150 yd) |
|  | 02/23/16 23:03 CST |  | 0 | Source: NWS Storm Survey              |

A short tornado path was observed along CR-65 just to the east of its intersection with Highway 95. Many large trees were snapped or uprooted along this short path. This tornado was rated EF1 with max winds estimated around 105 mph.

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### HOUSTON COUNTY --- COLUMBIA [31.29, -85.11]

|  |                    |  |   |                              |
|--|--------------------|--|---|------------------------------|
|  | 02/23/16 23:20 CST |  | 0 | Thunderstorm Wind (EG 50 kt) |
|  | 02/23/16 23:20 CST |  | 0 | Source: Social Media         |

Trees were blown down near a residence in Columbia.

**An unusually strong upper level trough and area of low pressure moved across the southeast states during the Feb 23-24 period, bringing with it numerous reports of wind damage and tornadoes. The low level jet was particularly strong with very strong 0-1 km shear values in excess of 60 knots. The 0-1 km helicity values were in excess of 1000 m<sup>2</sup>/s<sup>2</sup> in some areas with CAPE values around 500 j/kg. There were a total of 11 tornadoes across southeast Alabama and southwest Georgia, including 9 EF1 tornadoes and 2 EF0 tornadoes.**

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## ALABAMA, Southwest

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### MOBILE COUNTY --- 5.0 SSW MOBILE [30.63, -88.11]

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 02/03/16 04:19 CST |  | 10K | Thunderstorm Wind (EG 52 kt) |
|  | 02/03/16 04:21 CST |  | 0   | Source: NWS Storm Survey     |

NWS storm survey confirmed the damage located on Demetropolis Road near US Highway 90 was the result of straight line winds near 60 mph. The winds resulted in roof damage and a broken window at the Red Cross building with sporadic facade damage to the rest of the building complex. A large metal sign was blown down at the Seafood Market across the street. A few trees were uprooted and numerous small to large tree branches were blown down.

**A strong cold front moved across the area. Ahead of the front a line of showers and thunderstorms moved across. The stronger storms produced damaging winds which caused damage in southwest Alabama.**

## Storm Data and Unusual Weather Phenomena - February 2016

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|--|--------------------|-------------------|---------------------|------------------------------|
| <b>WASHINGTON COUNTY --- 5.9 WSW YARBO [31.49, -88.37]</b>   |                    |                   |                     |                              |
|  | 02/15/16 12:02 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 12:02 CST |                   | 0                   | Source: Emergency Manager    |
| <b>WASHINGTON COUNTY --- YARBO [31.53, -88.28]</b>   |                    |                   |                     |                              |
|  | 02/15/16 12:14 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 12:14 CST |                   | 0                   | Source: Emergency Manager    |
| <b>(AL-Z052) WASHINGTON</b>  |                    |                   |                     |                              |
|  | 02/15/16 12:15 CST |                   | 5K                  | Strong Wind (MAX 30 kt)      |
|  | 02/15/16 12:15 CST |                   | 0                   |                              |
| <b>CLARKE COUNTY --- THOMASVILLE [31.92, -87.73]</b>   |                    |                   |                     |                              |
|  | 02/15/16 12:55 CST |                   | 0                   | Funnel Cloud                 |
|  | 02/15/16 12:55 CST |                   | 0                   | Source: Emergency Manager    |
| <b>WASHINGTON COUNTY --- 5.9 WSW YARBO [31.49, -88.37]</b>   |                    |                   |                     |                              |
|  | 02/15/16 13:05 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 13:05 CST |                   | 0                   | Source: Emergency Manager    |
| <b>WASHINGTON COUNTY --- YARBO [31.53, -88.28]</b>   |                    |                   |                     |                              |
|  | 02/15/16 13:15 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 13:15 CST |                   | 0                   | Source: Emergency Manager    |
| <b>CONECUH COUNTY --- EVERGREEN [31.43, -86.97]</b>  |                    |                   |                     |                              |
|  | 02/15/16 13:50 CST |                   | 0                   | Hail (0.75 in)               |
|  | 02/15/16 13:50 CST |                   | 0                   | Source: Emergency Manager    |
| <b>CLARKE COUNTY --- 1.0 NNE JACKSON [31.53, -87.87]</b>   |                    |                   |                     |                              |
|  | 02/15/16 13:52 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 13:52 CST |                   | 0                   | Source: Emergency Manager    |
| <b>WILCOX COUNTY --- 4.0 WNW OAKHILL [31.94, -87.14]</b>   |                    |                   |                     |                              |
|  | 02/15/16 13:58 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt) |
|  | 02/15/16 14:00 CST |                   | 0                   | Source: Emergency Manager    |
| Trees down in rose bud along County Road 51.   |                    |                   |                     |                              |
| <b>CLARKE COUNTY --- 5.0 NE JACKSON [31.57, -87.82]</b>  |                    |                   |                     |                              |
|  | 02/15/16 14:00 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt) |
|  | 02/15/16 14:02 CST |                   | 0                   | Source: Emergency Manager    |
| Clarke county EMA reports trees down near the intersection of Walker Springs Road and Rabbit Creek Road. |                    |                   |                     |                              |
| <b>CLARKE COUNTY --- GAINESTOWN [31.45, -87.70]</b>  |                    |                   |                     |                              |
|  | 02/15/16 14:24 CST |                   | 0                   | Hail (1.00 in)               |
|  | 02/15/16 14:24 CST |                   | 0                   | Source: Emergency Manager    |
| <b>BUTLER COUNTY --- 2.0 E FOREST HOME [31.87, -86.80]</b>   |                    |                   |                     |                              |
|  | 02/15/16 14:45 CST |                   | 0                   | Hail (0.75 in)               |
|  | 02/15/16 14:45 CST |                   | 0                   | Source: Emergency Manager    |
| <b>WILCOX COUNTY --- 6.0 S PINE HILL [31.89, -87.58]</b>   |                    |                   |                     |                              |
|  | 02/15/16 15:14 CST |                   | 3K                  | Thunderstorm Wind (EG 52 kt) |
|  | 02/15/16 15:16 CST |                   | 0                   | Source: Emergency Manager    |

Winds estimated at 60 mph downed trees along Crawford and CR 1.

## Storm Data and Unusual Weather Phenomena - February 2016

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| <b>CHOCTAW COUNTY --- 6.0 SW NEEDHAM [31.92, -88.42]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:23 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:25 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed multiple trees on Melvin Cutoff Road.  |                    |                   |                     |                                       |
| <b>CHOCTAW COUNTY --- ISNEY [31.78, -88.45]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 15:23 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:25 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees and power lines.   |                    |                   |                     |                                       |
| <b>WASHINGTON COUNTY --- 4.0 NNW CHATOM [31.52, -88.28]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 15:27 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:29 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed power lines along Frank Scruggs Road.  |                    |                   |                     |                                       |
| <b>CHOCTAW COUNTY --- 4.0 WSW BUTLER [32.06, -88.28]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:30 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:32 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees and power lines along Bailey Road.   |                    |                   |                     |                                       |
| <b>CHOCTAW COUNTY --- 2.0 NNW BUTLER [32.11, -88.23]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:33 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:35 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees and power lines in the Lake Lavada Subdivision.  |                    |                   |                     |                                       |
| <b>CHOCTAW COUNTY --- PENNINGTON [32.20, -88.05]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:41 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:43 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees and power lines.   |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- GROVE HILL [31.70, -87.78]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 15:46 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:48 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees along Mile marker 13/14 on Highway 69.   |                    |                   |                     |                                       |
| <b>ESCAMBIA COUNTY --- 0.3 SSE WAHL [31.00, -87.23], 0.8 NNW POLLARD [31.04, -87.19]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:50 CST |                   | 0.75M               | Tornado (EF2, L: 3.88 mi , W: 300 yd) |
|   | 02/15/16 15:55 CST |                   | 0                   | Source: NWS Storm Survey              |
| This tornado was produced from an isolated supercell thunderstorm. The tornado moved northeast out of Escambia County Florida and into Escambia County AL just east of Flomaton. EF-2 intensity damage was surveyed on Old Fannie Road. The tornado continued northeast toward Pollard where it weakened and lifted. Extensive tree damage was noted with numerous softwood and hardwood trees either uprooted or snapped. Several power poles were also snapped. |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- 3.1 WNW JACKSON [31.54, -87.93]</b>  |                    |                   |                     |                                       |
|   | 02/15/16 15:53 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:55 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 mph downed trees and power line son Salt Works Road.  |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- 3.0 NW JACKSON [31.55, -87.92]</b>   |                    |                   |                     |                                       |
|   | 02/15/16 15:55 CST |                   | 2K                  | Thunderstorm Wind (EG 52 kt)          |
|   | 02/15/16 15:57 CST |                   | 0                   | Source: Emergency Manager             |

## Storm Data and Unusual Weather Phenomena - February 2016

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| Winds estimated at 60 mph downed a tree on Samantha Drive.   |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- THOMASVILLE [31.92, -87.73]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 16:05 CST |                   | 3K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:07 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 downed trees in Thomasville.   |                    |                   |                     |                                       |
| <b>ESCAMBIA COUNTY --- BREWTON [31.12, -87.07]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 16:05 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:07 CST |                   | 0                   | Source: Public                        |
| Winds estimated at 60 mph downed trees in Brewton.   |                    |                   |                     |                                       |
| <b>CLARKE COUNTY --- 5.0 ENE CHOCTAW BLUFF [31.40, -87.69]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 16:07 CST |                   | 3K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:09 CST |                   | 0                   | Source: Emergency Manager             |
| Winds estimated at 60 downed a tree on Gainestown Road.  |                    |                   |                     |                                       |
| <b>MOBILE COUNTY --- SARALAND [30.82, -88.07]</b>  |                    |                   |                     |                                       |
|  | 02/15/16 16:13 CST |                   | 0                   | Hail (1.00 in)                        |
|  | 02/15/16 16:14 CST |                   | 0                   | Source: Public                        |
| <b>MONROE COUNTY --- 1.5 SSW MONROEVILLE [31.50, -87.34]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 16:24 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/16/16 16:25 CST |                   | 0                   | Source: Emergency Manager             |
| Severe thunderstorm wind gusts around 60 mph downed trees along south Mt. Pleasant Avenue between Monroeville and Highway 84.  |                    |                   |                     |                                       |
| <b>MONROE COUNTY --- 0.9 NE MONROEVILLE [31.53, -87.32]</b>  |                    |                   |                     |                                       |
|  | 02/15/16 16:26 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:27 CST |                   | 0                   | Source: Emergency Manager             |
| Severe thunderstorm wind gusts around 60 mph downed numerous trees in the Monroeville area.  |                    |                   |                     |                                       |
| <b>MONROE COUNTY --- 0.9 SW MEXBORO [31.47, -87.39]</b>  |                    |                   |                     |                                       |
|  | 02/15/16 16:28 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:29 CST |                   | 0                   | Source: Emergency Manager             |
| Severe thunderstorm wind gusts around 60 mph downed trees along Oak Grove Church Road near Frisco City and Highway 84.   |                    |                   |                     |                                       |
| <b>MONROE COUNTY --- 0.7 S HYBART [31.81, -87.38]</b>  |                    |                   |                     |                                       |
|  | 02/15/16 16:32 CST |                   | 2K                  | Thunderstorm Wind (EG 52 kt)          |
|  | 02/15/16 16:33 CST |                   | 0                   | Source: Emergency Manager             |
| Severe thunderstorm wind gusts downed trees along Oakley Road.   |                    |                   |                     |                                       |
| <b>CONECUH COUNTY --- 4.0 W BROOKLYN [31.27, -86.85], 2.9 NW BROOKLYN [31.29, -86.82]</b>  |                    |                   |                     |                                       |
|  | 02/15/16 16:33 CST |                   | 0.75M               | Tornado (EF2, L: 2.19 mi , W: 250 yd) |
|  | 02/15/16 16:37 CST |                   | 0                   | Source: NWS Storm Survey              |
| This tornado was produced from the same parent supercell thunderstorm that produced the EF-3 tornado in Century, FL. The tornado in Conecuh County first touched down south of County Road 6 and quickly strengthened as it crossed the road. EF-2 intensity damage was observed at the Johnsonville Volunteer Fire Department which was completely destroyed. Significant tree damage was noted in the area and a well built home suffered extensive roof damage. The tornado continued to the northwest toward the Johnsonville Circle area where a few homes suffered roof damage. A single wide mobile home on Johnsonville Circle was destroyed. The mobile home was not anchored. Damage in this area was consistent with EF-1 intensity. The tornado lifted in the woods just to the northeast of the end of Clinton Drive. |                    |                   |                     |                                       |
| <b>MOBILE COUNTY --- 1.5 NNW MON LOUIS [30.45, -88.11]</b>   |                    |                   |                     |                                       |
|  | 02/15/16 16:58 CST |                   | 2K                  | Thunderstorm Wind (EG 53 kt)          |
|  | 02/15/16 16:59 CST |                   | 0                   | Source: NWS Employee                  |

## Storm Data and Unusual Weather Phenomena - February 2016

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details               |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| A severe thunderstorm wind gust tore a large street lamp out of a brick column. Radar observed winds of 53 knots just above the surface.   |                    |                   |                     |                                      |
| <b>COVINGTON COUNTY --- 0.5 NNE SOUTH [31.46, -86.62], 5.0 NNE SOUTH [31.51, -86.58]</b>   |                    |                   |                     |                                      |
|  | 02/15/16 17:00 CST |                   | 0.10M               | Tornado (EF1, L: 4.53 mi , W: 50 yd) |
|  | 02/15/16 17:02 CST | 1                 | 0                   | Source: NWS Storm Survey             |
| This tornado was produced from the same parent supercell that produced tornadoes in Conecuh and Escambia Counties in Alabama as well as Escambia County Florida. The Covington County tornado first produced sporadic tree damage on Lloyd Mill Road. The tornado reached peak intensity of EF-1 when it moved across Swinson Road and destroyed a single wide mobile home. One person in the home suffered minor injuries. The tornado continued northeast and produced further sporadic tree damage and minor roof damage to a few residences. It lifted and dissipated on Boykin Road just south of the Butler County line. |                    |                   |                     |                                      |
| <b>CRENSHAW COUNTY --- 4.2 NW SAVILLE [32.03, -86.37]</b>  |                    |                   |                     |                                      |
|  | 02/15/16 17:39 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)         |
|  | 02/15/16 17:40 CST |                   | 0                   | Source: Emergency Manager            |
| Severe thunderstorm wind gusts downed numerous trees on Highway 97 just south of Pettus Road. A deputy sheriff was temporarily trapped due the downed trees.   |                    |                   |                     |                                      |
| <b>COVINGTON COUNTY --- 1.3 W HAYGOOD [31.38, -86.44], 0.7 N HAYGOOD [31.39, -86.42]</b>   |                    |                   |                     |                                      |
|  | 02/15/16 17:46 CST |                   | 15K                 | Thunderstorm Wind (EG 70 kt)         |
|  | 02/15/16 17:48 CST |                   | 0                   | Source: NWS Storm Survey             |
| A bow echo, producing winds estimated at 80 mph, produced a corridor of wind damage along and north of Straughn School Road which is northeast of Andalusia. Numerous trees were uprooted with power lines also downed. A tree fell onto a home on Country Drive, causing considerable damage.   |                    |                   |                     |                                      |
| <b>CRENSHAW COUNTY --- BRANTLEY [31.58, -86.25]</b>  |                    |                   |                     |                                      |
|  | 02/15/16 17:51 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)         |
|  | 02/15/16 17:52 CST |                   | 0                   | Source: Emergency Manager            |
| A barn on Emmett Avenue was destroyed due to severe thunderstorm winds.  |                    |                   |                     |                                      |
| <b>CRENSHAW COUNTY --- 0.9 SE SOCIAL TOWN [31.71, -86.16]</b>  |                    |                   |                     |                                      |
|  | 02/15/16 17:57 CST |                   | 0                   | Thunderstorm Wind (EG 52 kt)         |
|  | 02/15/16 17:58 CST |                   | 0                   | Source: Emergency Manager            |
| Chicken houses were damaged by severe thunderstorm wind gusts.   |                    |                   |                     |                                      |
| <b>Severe thunderstorms developed across southwest and south central Alabama during the afternoon and evening of February 15th as a strong upper level disturbance moved from the southern Plains to the Tennessee Valley. The severe storms developed along and ahead of the trailing cold front, producing both tornadoes and straight line wind damage.</b>   |                    |                   |                     |                                      |
| <b>WASHINGTON COUNTY --- YELLOW PINE [31.40, -88.43]</b>   |                    |                   |                     |                                      |
|  | 02/23/16 17:53 CST |                   | 5K                  | Thunderstorm Wind (EG 52 kt)         |
|  | 02/23/16 17:55 CST |                   | 0                   | Source: Emergency Manager            |
| A shed and storage building was damaged just north of Highway 56.  |                    |                   |                     |                                      |
| <b>CLARKE COUNTY --- 2.0 ENE JACKSON [31.53, -87.85]</b>   |                    |                   |                     |                                      |
|  | 02/23/16 18:20 CST |                   | 25K                 | Thunderstorm Wind (EG 52 kt)         |
|  | 02/23/16 18:22 CST |                   | 0                   | Source: Emergency Manager            |
| Winds estimated at 60 mph downed a tree on a house on maple Drive.   |                    |                   |                     |                                      |
| <b>CLARKE COUNTY --- 1.0 S COFFEEVILLE [31.74, -88.10]</b>   |                    |                   |                     |                                      |
|  | 02/23/16 18:30 CST |                   | 2K                  | Thunderstorm Wind (EG 52 kt)         |
|  | 02/23/16 18:32 CST |                   | 0                   | Source: Emergency Manager            |
| Winds estimated at 60 mph downed a large tree across Highway 69.   |                    |                   |                     |                                      |
| <b>CLARKE COUNTY --- 2.0 NNE COFFEEVILLE [31.78, -88.09]</b>   |                    |                   |                     |                                      |

## Storm Data and Unusual Weather Phenomena - February 2016

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|----------|--------------------|-------------------|---------------------|------------------------------|
|          | 02/23/16 18:30 CST |                   | 2K                  | Thunderstorm Wind (EG 52 kt) |
|          | 02/23/16 18:32 CST |                   | 0                   | Source: Emergency Manager    |

Winds estimated at 60 mph downed a tree on Highway 154 at MM 6.

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**BALDWIN COUNTY --- 2.2 NNE ROMAR BEACH [30.28, -87.61], 2.1 N ROMAR BEACH [30.28, -87.62], 2.7 N ROMAR BEACH [30.29, -87.62], 2.5 WNW ORANGE BEACH [30.29, -87.61]**

|  |                    |  |   |                                 |
|--|--------------------|--|---|---------------------------------|
|  | 02/23/16 20:00 CST |  | 0 | Flash Flood (due to Heavy Rain) |
|  | 02/23/16 22:00 CST |  | 0 | Source: Public                  |

Flooding was reported at the Orange Beach Sportsplex off Canal Rd.

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**(AL-Z063) LOWER MOBILE**

|  |                    |  |    |                       |
|--|--------------------|--|----|-----------------------|
|  | 02/23/16 20:35 CST |  | 5K | High Wind (MAX 52 kt) |
|  | 02/23/16 20:37 CST |  | 0  |                       |

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**BALDWIN COUNTY --- 2.3 NNE PERDIDO BEACH [30.38, -87.48], 1.9 NNE PERDIDO BEACH [30.37, -87.48], 2.1 NE PERDIDO BEACH [30.37, -87.48], 2.2 SW LILLIAN [30.38, -87.48]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 02/23/16 21:15 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 02/23/16 22:15 CST |  | 0 | Source: Emergency Manager |

County Road 91 at Carrier Drive was closed due to flooding.

**A strong storm system brought produced numerous thunderstorms across southwest Alabama. The thunderstorms produced high winds which caused damage.**