<table>
<thead>
<tr>
<th>Location</th>
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<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEFFERSON COUNTY — 0.9 NW VESTAVIA HILLS [33.41, -86.79]</td>
<td>07/09/21 18:18 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt) Source: Broadcast Media</td>
</tr>
<tr>
<td></td>
<td>07/09/21 18:19 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Broadcast Media</td>
</tr>
<tr>
<td>Several trees uprooted in the Derby Downs neighborhood of Hoover.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEFFERSON COUNTY — 1.5 SSW VESTAVIA HILLS [33.38, -86.79]</td>
<td>07/09/21 18:41 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt) Source: Emergency Manager</td>
</tr>
<tr>
<td></td>
<td>07/09/21 18:42 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>Several trees uprooted near Rime Village Drive.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A cluster of strong to severe thunderstorms developed along an axis of strong low level lapse rates near the I-20 corridor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEFFERSON COUNTY — 0.1 SW WOODLAWN [33.53, -86.80], 0.5 S WOODLAWN [33.52, -86.80], 0.6 WSW AVONDALE [33.53, -86.79], 0.5 ENE WOODLAWN [33.53, -86.79]</td>
<td>07/15/21 19:30 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue</td>
</tr>
<tr>
<td></td>
<td>07/15/21 21:00 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Fire Department/Rescue</td>
</tr>
<tr>
<td>Water rescue of submerged vehicles at the intersection of 31st Street North and 8th Avenue North.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A nearly stationary isolated thunderstorm developed over downtown Birmingham and produced heavy rainfall over a short period of time.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEFFERSON COUNTY — 2.4 NNW VIRGINIA [33.43, -87.07], 1.4 E VESTAVIA HILLS [33.40, -86.76], 2.2 NE VESTAVIA HILLS [33.42, -86.75], 0.9 NNW ROCKY RIDGE [33.44, -86.70], 1.3 S OVERTON [33.48, -86.70], 2.0 SW BEN VINES GAP [33.51, -87.03]</td>
<td>07/19/21 16:15 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain) Source: Public</td>
</tr>
<tr>
<td></td>
<td>07/19/21 19:00 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>An elongated upper trough extended from east Texas northeast across northwest Alabama and eastern Tennessee. Precipitable water values exceeded two inches along and south of the upper trough axis. Several clusters of convection with locally heavy rainfall produced flash flooding in Jefferson and Shelby counties.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHELBY COUNTY — 1.5 ENE NELSON [33.24, -86.56], 2.4 SE NELSON [33.21, -86.55], 0.4 S WILSONVILLE [33.22, -86.48], 1.5 NNW WILSONVILLE [33.25, -86.49]</td>
<td>07/20/21 15:05 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain) Source: Public</td>
</tr>
<tr>
<td></td>
<td>07/20/21 16:30 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>A cluster of slow moving thunderstorms containing heavy rain produced totals of 1 to 2 inches in a short period of time in eastern Shelby County resulting in flash flooding. Highway 25 west of Wilsonville was impassable with deep flowing water.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>An elongated upper trough extended from east Texas northeast across northwest Alabama and eastern Tennessee. Precipitable water values exceeded two inches along and south of the upper trough axis. Several clusters of convection with locally heavy rainfall produced flash flooding in Jefferson and Shelby counties.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TUSCALOOSA COUNTY — 0.7 NE ROSEDALE [33.21, -87.56], 1.8 NNE TAYLORVILLE [33.17, -87.54], 1.5 SW BOX SPGS [33.19, -87.50], 1.1 WNW HOLT JCT [33.23, -87.52]</td>
<td>07/23/21 17:45 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain) Source: Emergency Manager</td>
</tr>
<tr>
<td></td>
<td>07/23/21 19:00 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>A cluster of slow moving thunderstorms containing heavy rain produced totals of 1 to 2 inches in a short period of time in the city of Tuscaloosa, resulting in flash flooding. Several roads flooded and impassable, including portions of McFarland Blvd and University Blvd, along with several stalled out vehicles.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TUSCALOOSA COUNTY — 1.4 SE RIVER VIEW [33.21, -87.53], 1.8 NNE TAYLORVILLE [33.17, -87.53], 1.9 SSW BOX SPGS [33.18, -87.50], 0.7 W HOLT JCT [33.22, -87.51]</td>
<td>07/24/21 18:45 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain) Source: Department of Highways</td>
</tr>
<tr>
<td></td>
<td>07/24/21 20:15 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Department of Highways</td>
</tr>
<tr>
<td>A nearly stationary thunderstorm developed over the city of Tuscaloosa and produced rainfall totals of 1 to 2 inches in a short period of time. Several locations along McFarland Blvd were under water and impassable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A combination of high values of precipitable water and weak mid level flow produced favorable conditions for slow moving thunderstorms with high rainfall rates, resulting in separate flash flood events within the city limits of Tuscaloosa.

<table>
<thead>
<tr>
<th>Location</th>
<th>Date/Time</th>
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<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHAMBERS COUNTY --- 0.8 WNW GLASS [32.78, -85.18]</td>
<td>07/27/21 13:35 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/27/21 13:36 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>A large tree fell onto a home along Whites Mill Road. The home was a total loss and one resident was trapped inside but uninjured. Several trees reported uprooted along Highway 20 between Valley and Lanett.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHELBY COUNTY --- 0.9 W SCOTROCK [33.25, -86.84], 1.4 WSW SILURIA [33.22, -86.85], 0.7 S ALABASTER [33.22, -86.82], 1.1 ENE SCOTROCK [33.26, -86.80]</td>
<td>07/27/21 14:37 CST</td>
<td>0</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
</tr>
<tr>
<td></td>
<td>07/27/21 16:30 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>Significant flooding in the city of Alabaster. Water over bridges and several roads impassable including Highway 119, Highway 31, 1st Street West, and Highway 11. The base of an upper trough nosed into north Alabama and provided lift along a diffuse surface boundary. Thunderstorms with heavy rainfall developed along and south of the Interstate 20 corridor during the afternoon hours. A few of the storms produced rainfall totals of 1 to 3 inches in a short period of time.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST. CLAIR COUNTY --- 0.9 NNW RAGLAND [33.74, -86.16]</td>
<td>07/31/21 14:05 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 14:06 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>Several trees uprooted and power lines downed in Ragland.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEFFERSON COUNTY --- 0.7 SW BROOKSIDE [33.62, -86.93]</td>
<td>07/31/21 14:24 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 14:25 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>Several trees uprooted and power lines downed along Cherry Avenue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEFFERSON COUNTY --- 1.5 SSW HOMEWOOD [33.46, -86.78]</td>
<td>07/31/21 14:35 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 14:36 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Public</td>
</tr>
<tr>
<td>Several trees uprooted along Shades Creek Parkway.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHELBY COUNTY --- 2.4 SSW SIMMSVILLE [33.30, -86.69]</td>
<td>07/31/21 14:53 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 14:54 CST</td>
<td>0</td>
<td>0</td>
<td>Source: NWS Employee</td>
</tr>
<tr>
<td>Several trees uprooted in the city of Chelsea.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TALLAPOOSA COUNTY --- 1.0 E FOSHEETON [33.00, -85.80]</td>
<td>07/31/21 15:50 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 15:51 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>Several trees uprooted on Whaley Ferry Road.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TALLAPOOSA COUNTY --- 2.0 E ZANA [33.02, -85.66]</td>
<td>07/31/21 15:54 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 15:55 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>Several trees uprooted and power lines downed along County Road 79.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TALLAPOOSA COUNTY --- 1.5 SSE HAMLET [32.98, -85.74]</td>
<td>07/31/21 15:55 CST</td>
<td>0</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
</tr>
<tr>
<td></td>
<td>07/31/21 15:56 CST</td>
<td>0</td>
<td>0</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>Several trees uprooted near Horseshoe Bend.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Storm Data and Unusual Weather Phenomena - July 2021

The air mass across central Alabama was primed for severe weather on July 31st. Northwest flow aloft combined with high values of precipitable water and very steep low level lapse rates produced very unstable conditions during the afternoon hours.

**ALABAMA, North**

**MADISON COUNTY --- 2.7 SSW GLADSTONE [34.84, -86.66]**

<table>
<thead>
<tr>
<th>Date/Time</th>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 14:39 CST</td>
<td>2K</td>
<td>Thunderstorm Wind (EG 52 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 14:39 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A large tree was knocked down onto a power line near the corner of Burwell Road and Carters Gin Road. Time estimated by radar.

**MADISON COUNTY --- 1.3 ESE HUNTSVILLE PARK [34.69, -86.60]**

<table>
<thead>
<tr>
<th>Date/Time</th>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 14:55 CST</td>
<td>1.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Fire Department/Rescue</td>
</tr>
<tr>
<td>07/11/21 14:55 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down on a trailer off of Johnson Road. Time estimated by radar.

**MADISON COUNTY --- 1.6 SW NORMAL [34.77, -86.60]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 14:57 CST</td>
<td>0.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 14:57 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down near Mountain Park Circle and Kirkland Drive. Time estimated by radar.

**MADISON COUNTY --- 0.9 WSW HUNTSVILLE MILLS ARP [34.75, -86.56]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 15:00 CST</td>
<td>0.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 15:00 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down at the corner of Stevens Drive and Stevens Court. Time estimated by radar.

**MADISON COUNTY --- 1.7 WSW HUNTSVILLE MILLS ARP [34.74, -86.58]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 15:03 CST</td>
<td>0.20K</td>
<td>Thunderstorm Wind (EG 35 kt)</td>
<td>Source: NWS Employee</td>
</tr>
<tr>
<td>07/11/21 15:03 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

Tree limbs of six to eight inches in diameter were knocked down in the Five Points neighborhood.

**MORGAN COUNTY --- 0.7 N SOMERVILLE [34.48, -86.80]**

<table>
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<tr>
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<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 15:20 CST</td>
<td>0.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 15:20 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down on Bluff City Road north of Somerville. Time estimated by radar.

**MARSHALL COUNTY --- 0.7 E ARAB [34.32, -86.49]**

<table>
<thead>
<tr>
<th>Date/Time</th>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 16:02 CST</td>
<td>1.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 16:02 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down on a house on 6th Street. Time estimated by radar.

**MARSHALL COUNTY --- 0.8 WNW GRASSY [34.35, -86.46]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 16:02 CST</td>
<td>0.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 16:02 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down across Tower Drive near Lowery Drive. Time estimated by radar.

**MARSHALL COUNTY --- 1.1 W SCANT CITY [34.37, -86.45]**

<table>
<thead>
<tr>
<th>Date/Time</th>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/11/21 16:02 CST</td>
<td>1.50K</td>
<td>Thunderstorm Wind (EG 43 kt)</td>
<td>Source: Emergency Manager</td>
</tr>
<tr>
<td>07/11/21 16:02 CST</td>
<td>0</td>
<td>Source: Emergency Manager</td>
<td></td>
</tr>
</tbody>
</table>

A tree was knocked down on a house on Friendship Road. Time estimated by radar.
<table>
<thead>
<tr>
<th>Location</th>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
</table>
| MARSHALL COUNTY --- 2.9 ESE GRANT [34.52, -86.22] | 07/11/21 16:34 CST | 1                  | 0                   | Thunderstorm Wind (EG 43 kt)  
A tree was knocked down in the roadway near the intersection of Blueberry Lane and Baker Mountain Road. Time estimated by radar.  
Source: Emergency Manager |
| JACKSON COUNTY --- 1.9 WNW KYLES [34.81, -86.03] | 07/11/21 17:06 CST | 1                  | 0                   | Thunderstorm Wind (EG 43 kt)  
A tree was knocked down on CR 33 approximately halfway up Crow Mountain. Time estimated by radar.  
Source: Emergency Manager |
| MARSHALL COUNTY --- 2.3 E BOAZ [34.20, -86.13] | 07/11/21 17:16 CST | 1                  | 0                   | Thunderstorm Wind (EG 43 kt)  
A tree was knocked down near the corner of Bethsaida Road and Straw Road. Time estimated by radar.  
Source: Emergency Manager |
| MORGAN COUNTY --- 0.7 S DECATUR [34.61, -86.98], 0.9 S DECATUR [34.61, -86.98], 0.8 SSE DECATUR [34.61, -86.98], 0.6 S DECATUR [34.61, -86.98] | 07/18/21 11:09 CST | 0                  | 0                   | Flash Flood (due to Heavy Rain)  
Flooding reported at the intersection of Church and 6th Avenue in Decatur.  
Source: State Official |
| MORGAN COUNTY --- 1.7 E TRINITY [34.62, -87.05], 1.7 NW MOULTON HGTS [34.62, -87.03], 1.2 NW MOULTON HGTS [34.61, -87.03], 1.4 ESE TRINITY [34.61, -87.06] | 07/18/21 20:11 CST | 0                  | 0                   | Flash Flood (due to Heavy Rain)  
Flooding reported at the intersection of Woodall Road and Highway 20.  
Source: State Official |
| MORGAN COUNTY --- 0.7 N LACON [34.34, -86.90], 0.5 NNE LACON [34.34, -86.90], 0.5 W LACON [34.33, -86.91], 0.6 WNW LACON [34.33, -86.91] | 07/25/21 18:05 CST | 0                  | 0                   | Flash Flood (due to Heavy Rain)  
Trained spotter reported 6 to 8 inches of moving water across the intersection of Highway 31 and Lacon Road.  
Source: Trained Spotter |
| (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z006) MADISON | 07/24/21 11:00 CST | 0                  | 0                   | Heat  
Temperatures climbing into the lower 90s and a very humid airmass (dewpoints ~ 76 degrees) ahead of a passing boundary during the afternoon hours produced heat index values between 105 to 107 degrees in portions of northwest Alabama and north central Alabama.  
Source: Trained Spotter |
| (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT | 07/24/21 12:00 CST | 0                  | 0                   | Heat  
Despite some cloud cover and scattered showers and thunderstorms, very humid conditions (dewpoints 74 to 78 degrees) ahead of a front pushing into the area and enough heating produced heat index values between 105 and 109 degrees in the afternoon hours in portions of northwestern Alabama.  
Source: Trained Spotter |
High pressure producing abundant sunshine combined with humid conditions (dewpoints in lower 70s) caused heat index values to climb to between 105 and 106 degrees in portions of northwest Alabama. HEMSI officials received the most heat-related calls up to this point in 2021 in Madison county.

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

07/28/21 14:00 CST 0 Heat
07/28/21 17:00 CST 0

High pressure and tropical moisture (dewpoints around 75 degrees) advecting northeast from the Gulf of Mexico ahead of a front extending through the Ohio Valley produced heat index values that reached 105 to 109 degrees in portions of northwest Alabama.

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z016) CULLMAN

07/29/21 11:00 CST 0 Heat
07/29/21 13:30 CST 0

As late morning and afternoon temperatures climbed into the lower 90s, a frontal boundary moved into portions of northwestern and north central Alabama. This produced extremely humid conditions and heat index values of 105 to 109 degrees.

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

07/30/21 12:00 CST 0 Excessive Heat
07/30/21 14:40 CST 0

Late morning and afternoon temperatures climbed into the 92 to 97 degree range. As a frontal boundary moved into portions of northern Alabama and southern middle Tennessee, this produced very humid conditions and dangerous heat index values to ranging from 110 to 113 degrees in portions of northwestern Alabama.

LAUDERDALE COUNTY — 0.9 WNW CENTER HILL [34.96, -87.44]

07/30/21 16:43 CST 10K Thunderstorm Wind (EG 61 kt)
07/30/21 16:43 CST 0 Source: Broadcast Media

Large trees were knocked down and structural damage was reported along a 3/4 mile stretch of CR 33. Six residences experienced significant damage including a roof and outbuilding.

LAUDERDALE COUNTY — 3.4 N HOLLOWAY [34.93, -87.54]

07/30/21 16:43 CST 5K Thunderstorm Wind (EG 52 kt)
07/30/21 16:43 CST 0 Source: Emergency Manager

Trees and power lines were knocked down in the vicinity of CR 364 in Green Hill. Power outages were also reported via social media.

LAUDERDALE COUNTY — LEXINGTON [34.97, -87.37]

07/30/21 16:43 CST 5K Thunderstorm Wind (EG 52 kt)
07/30/21 16:43 CST 0 Source: Broadcast Media

Trees were knocked down on a house in the Lexington area. Time estimated by radar.

MARSHALL COUNTY — 2.6 SE GRANT [34.50, -86.24]

07/30/21 17:58 CST 2K Thunderstorm Wind (EG 52 kt)
07/30/21 17:58 CST 0 Source: Emergency Manager

Two trees were knocked down at 1240 Campbell Road in Grant. Time estimated by radar.

MARSHALL COUNTY — 1.1 SW HIGHPOINT [34.24, -86.29]

07/30/21 18:42 CST 2K Thunderstorm Wind (EG 52 kt)
07/30/21 18:42 CST 0 Source: Emergency Manager

Two trees were knocked down at 5180 Highpoint Road in Horton. Time estimated by radar.

Thunderstorms erupted during the mid to late afternoon hours across north Alabama, with clusters of thunderstorms redeveloping into the early evening hours. Many of the thunderstorms produced gusty winds of 25 to 35 mph. However, one thunderstorm

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produced considerable wind damage between Lexington and Green Hill in Lauderdale County, where several trees and power lines were knocked down, and roofs and outbuildings were damaged. Other trees were knocked down in northeast Alabama.

<table>
<thead>
<tr>
<th>Location</th>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN</td>
<td>07/31/21 12:00 CST</td>
<td>0</td>
<td>Heat</td>
<td>Heat07/31/21 12:00 CST 07/31/21 17:00 CST 0</td>
</tr>
</tbody>
</table>

Afternoon temperatures climbing into the lower 90s and a very humid airmass produced heat index values reached 105-108 degrees in north central and northwest Alabama.

**ALABAMA, Southeast**

**GENEVA COUNTY --- GENEVA [31.03, -85.87]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/06/21 12:20 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
<tr>
<td>07/06/21 12:20 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
</tbody>
</table>

A tree was blown down in Geneva.

**HOUSTON COUNTY --- 0.9 NW REHOBETH [31.14, -85.44]**

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Deaths &amp; Injuries</th>
<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/09/21 13:25 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
<tr>
<td>07/09/21 13:25 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
</tbody>
</table>

A large tree was blown down near Rehobeth.

A typical summertime pattern prevailed with scattered afternoon thunderstorms across the tri-state region. There were a few reports of wind damage with the strongest storms.

**DALE COUNTY --- 1.4 N OZARK [31.46, -85.64]**

<table>
<thead>
<tr>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/12/21 12:55 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
<tr>
<td>07/12/21 12:55 CST</td>
<td>0</td>
<td>Thunderstorm Wind (EG 50 kt)</td>
<td>Source: 911 Call Center</td>
</tr>
</tbody>
</table>

A tree was blown down near Ozark.

A typical summertime pattern prevailed with scattered afternoon thunderstorms across the tri-state region. There were a few reports of wind damage with the strongest storms.

**DALE COUNTY --- (DHN)NAPIER FIELD [31.32, -85.44]**

<table>
<thead>
<tr>
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<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/31/21 14:10 CST</td>
<td>0</td>
<td>Thunderstorm Wind (MG 56 kt)</td>
<td>Source: ASOS</td>
</tr>
<tr>
<td>07/31/21 14:10 CST</td>
<td>0</td>
<td>Thunderstorm Wind (MG 56 kt)</td>
<td>Source: ASOS</td>
</tr>
</tbody>
</table>

An isolated severe storm produced a downburst over the Dothan airport with a measured gust of 64 mph.

**ALABAMA, Southwest**

**Baldwin County --- 1.3 WSW ORANGE BEACH [30.27, -87.59], ORANGE BEACH [30.28, -87.57], 0.6 SSW ORANGE BEACH [30.27, -87.57], 1.2 SW ORANGE BEACH [30.27, -87.59]**

<table>
<thead>
<tr>
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<th>Property &amp; Crop Dmg</th>
<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/06/21 07:00 CST</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
<td>Source: Broadcast Media</td>
</tr>
<tr>
<td>07/06/21 09:00 CST</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
<td>Source: Broadcast Media</td>
</tr>
</tbody>
</table>

Flash flooding in Orange Beach with knee high water in some locations. Water also approached homes in the area.

**Baldwin County --- 1.1 SSW FOLEY [30.41, -87.69], 1.1 SSW FOLEY [30.40, -87.68], 1.0 SSW FOLEY [30.41, -87.69], 1.0 SSW FOLEY [30.41, -87.69]**

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<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/07/21 01:00 CST</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
<td>Source: Law Enforcement</td>
</tr>
<tr>
<td>07/07/21 04:00 CST</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
<td>Source: Law Enforcement</td>
</tr>
</tbody>
</table>

Heavy rain caused water to cover the roadway at Highway 98 and Pine Street.

Heavy rain led to a few flooding reports across southwest Alabama.
### Storm Data and Unusual Weather Phenomena - July 2021

<table>
<thead>
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<th>Event Type and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>BALDWIN COUNTY --- 1.3 SW FOLEY [30.41, -87.70], FOLEY [30.42, -87.68], 1.1 SSE FOLEY [30.41, -87.67], 1.2 S FOLEY [30.40, -87.68]</td>
<td>07/16/21 11:00 CST</td>
<td>0</td>
<td>Flash Flood (due to Heavy Rain)</td>
<td>Source: Public</td>
</tr>
<tr>
<td></td>
<td>07/16/21 15:00 CST</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Heavy rain caused numerous roads to be flooded in the Foley community with at least a foot of water reported on one of the roads.

| BALDWIN COUNTY --- 2.0 SSE FOLEY [30.40, -87.66], 3.1 SSE FOLEY [30.38, -87.66], 2.0 WNW MIFLIN [30.38, -87.63], 2.6 SW ELBERTA [30.40, -87.64] | 07/16/21 11:00 CST | 0 | Flash Flood (due to Heavy Rain) | Source: Public |
| | 07/16/21 15:00 CST | 0 | |

Heavy rain caused water to cover the road along the Foley Beach Express at Doc McDuffie Road. In addition, the nearby river gauge for Wolf Creek rose almost 9 feet in just a couple hours time, resulting in flooding of other roads as well.

| BALDWIN COUNTY --- 2.6 SSW GULF SHRS [30.25, -87.70], 2.3 SSW GULF SHRS [30.25, -87.70], 2.5 SSW GULF SHRS [30.25, -87.69], 2.6 SSW GULF SHRS [30.25, -87.70] | 07/16/21 13:00 CST | 0 | Flash Flood (due to Heavy Rain) | Source: Public |
| | 07/16/21 16:00 CST | 0 | |

Heavy rain caused several roads to be flooded in the Gulf Shores area.

A wet summer continued as several rounds of slow moving showers and thunderstorms led to heavy rain and flooding.