

Storm Data and Unusual Weather Phenomena - August 2021

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| ALABAMA, Central | | | | |
| MONTGOMERY COUNTY --- 0.7 S MT MEIGS [32.36, -86.10] | | | | |
| | 08/02/21 14:25 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 08/02/21 14:30 CST | | 0 | Source: Public |
| A thunderstorm downburst developed over eastern Montgomery County near the intersection of I-85 and Highway 110. The damaging winds spread eastward along the I-85 corridor for approximately 5 miles. The damage consisted of mostly snapped and uprooted trees. | | | | |
| MONTGOMERY COUNTY --- 1.9 W PIKE ROAD [32.28, -86.13], 2.7 SW MITYLENE [32.35, -86.21], 1.6 ESE KILBY [32.41, -86.21], 2.2 ENE MT MEIGS STATION [32.42, -86.09] | | | | |
| | 08/02/21 14:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/02/21 16:30 CST | | 0 | Source: Broadcast Media |
| A merger of thunderstorms over eastern portions of the Montgomery area produced intense rainfall rates and resulted in flash flooding. The flooding caused water to enter several homes and water boat rescues of persons trapped in vehicles. Some of the flooded roads include Glynnwood Drive, Breckenridge Drive, and Vaughn Road. | | | | |
| MONTGOMERY COUNTY --- 1.5 NNW BARACHAIS [32.32, -86.21] | | | | |
| | 08/02/21 14:50 CST | | 0.85M | Lightning |
| | 08/02/21 14:50 CST | | 0 | Source: Fire Department/Rescue |
| Lightning caused a fire at the Elevate 5050 Apartment Complex. Twelve units were destroyed. | | | | |
| An upper level disturbance enhanced convective activity along a stalled out cold front near the I-85 corridor. The storms produced periods very heavy rainfall, damaging winds, and frequent lightning across Montgomery County. | | | | |
| JEFFERSON COUNTY --- 2.0 WNW (BHM)BIRMINGHAM ARPT [33.59, -86.78], 2.0 W (BHM)BIRMINGHAM ARPT [33.57, -86.78], 0.5 W (BHM)BIRMINGHAM ARPT [33.57, -86.76], 1.7 NNW (BHM)BIRMINGHAM ARPT [33.59, -86.76] | | | | |
| | 08/10/21 14:30 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/10/21 16:00 CST | | 0 | Source: Law Enforcement |
| A few roads were flooded and impassable in Tarrant. | | | | |
| JEFFERSON COUNTY --- 0.6 ESE FULTONDALE [33.62, -86.79] | | | | |
| | 08/10/21 14:35 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 08/10/21 14:36 CST | | 0 | Source: Fire Department/Rescue |
| Numerous trees uprooted and power lines downed along Carson Road from Fultondale to Candy Mountain Road. Carson Road was closed for several hours due to downed trees. | | | | |
| JEFFERSON COUNTY --- 1.4 SSE KETONA [33.60, -86.74] | | | | |
| | 08/10/21 14:40 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/10/21 14:41 CST | | 0 | Source: Public |
| Several trees uprooted on Lawson Road. | | | | |
| Only a few storms developed across Central Alabama during the afternoon of August 10th, but the atmosphere was primed for damaging winds. Local analysis of microburst parameters indicated a high potential for microbursts, with weak steering winds aloft that would also support localized flooding. | | | | |
| ELMORE COUNTY --- 3.5 SSE GOOD HOPE [32.52, -86.00] | | | | |
| | 08/25/21 15:15 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/25/21 15:16 CST | | 0 | Source: Emergency Manager |
| Several trees uprooted and power lines downed along Liberty Road. | | | | |
| LEE COUNTY --- 2.9 SW AUBURN [32.59, -85.51] | | | | |
| | 08/25/21 16:42 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/25/21 16:43 CST | | 0 | Source: Emergency Manager |
| Large tree uprooted at the intersection of Shug Jordan Parkway and Wire Road in the city of Auburn. Power lines also downed due to fallen tree. | | | | |

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| SHELBY COUNTY --- 0.6 N ARGYLE [33.34, -86.63] | | | | |
| | 08/25/21 16:44 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/25/21 16:45 CST | | 0 | Source: Emergency Manager |
| Several trees uprooted in the town of Chelsea. | | | | |

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|--|--------------------|--|---|------------------------------|
| LEE COUNTY --- 2.3 E J C MEADOWS XRDS [32.50, -85.13] | | | | |
| | 08/25/21 17:01 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/25/21 17:02 CST | | 0 | Source: Emergency Manager |
| Several trees uprooted and power lines downed. | | | | |

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|--|--------------------|--|---|------------------------------|
| SHELBY COUNTY --- PELHAM [33.28, -86.82] | | | | |
| | 08/25/21 17:03 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/25/21 17:04 CST | | 0 | Source: Emergency Manager |
| Several trees uprooted in the city of Pelham and around Shelby County. | | | | |

An easterly wave moving westward along the south side of an upper ridge encountered some mid level dry air over Central Alabama. The lift associated with the easterly wave and drier mid level air produced favorable conditions for downbursts.

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|---|--------------------|--|---|--------------------------------------|
| PIKE COUNTY --- 4.0 NE SPRING HILL [31.73, -85.91], 4.3 SSW BANKS [31.77, -85.89] | | | | |
| | 08/30/21 13:02 CST | | 0 | Tornado (EF0, L: 3.18 mi , W: 75 yd) |
| | 08/30/21 13:09 CST | | 0 | Source: NWS Storm Survey |
| National Weather Service meteorologists surveyed damage in southern Pike County and determined that it was consistent with an EF 0 tornado, with maximum winds near 65 mph. | | | | |

The tornado touched down near White Water Creek Road and traveled northeast while knocking down a few trees and tree limbs . The tornado then turned northward and crossed Highway 231 where video footage of the tornado was taken. The tornado lifted near Parron Church Road.

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|---|--------------------|--|---|--------------------------------------|
| MACON COUNTY --- 2.8 SW LITTLE TEXAS [32.40, -85.60], 2.3 SW LITTLE TEXAS [32.40, -85.59] | | | | |
| | 08/30/21 14:45 CST | | 0 | Tornado (EF0, L: 0.48 mi , W: 75 yd) |
| | 08/30/21 14:46 CST | | 0 | Source: NWS Storm Survey |
| National Weather Service meteorologists surveyed damage in eastern Macon County and determined that it was consistent with an EF 0 tornado, with maximum winds near 75 mph. | | | | |

A brief tornado touched down just west of Red Oak Lane. The tornado traveled northeast and crossed Red Road before dissipating. Damage consisted of a few uprooted trees and partial loss of siding from a mobile home.

The remnants of Tropical Cyclone Ida traveled across portions of the Deep South on Monday, August 30th, and into Tuesday, August 31st. Bands of tropical downpours and thunderstorms moved northward across Central Alabama on the east of Ida's circulation. It was in this general area where instability and low-level wind shear values were sufficient for a few rotating thunderstorms. Two EF0 tornadoes were confirmed across the southeast portions of Central Alabama on August 30th. The combination of heavy rain and breezy conditions also downed some trees in several counties on August 31st.

ALABAMA, North

| | | | | |
|--|--------------------|--|---|------|
| (AL-Z006) MADISON | | | | |
| | 08/10/21 13:00 CST | | 0 | Heat |
| | 08/10/21 15:00 CST | | 0 | |
| The heat index reached 106 degrees during the afternoon in Madison County. | | | | |

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|--|--------------------|--|---|------|
| (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT | | | | |
| | 08/11/21 12:00 CST | | 0 | Heat |
| | 08/11/21 16:00 CST | | 0 | |
| The heat index reached 106 degrees in Muscle Shoals. | | | | |

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| JACKSON COUNTY --- 2.7 SW SCOTTSBORO [34.64, -86.06] | | | | |
| | 08/11/21 16:41 CST | | 0.30K | Thunderstorm Wind (EG 43 kt) |
| | 08/11/21 16:41 CST | | 0 | Source: Emergency Manager |
| A tree was knocked down near the intersection of Porter Road and Stewart Road in Scottsboro. | | | | |
| Scattered to numerous thunderstorms developed during the afternoon hours, primarily over north central into northeast Alabama. A tree was knocked down by one of the storms in Jackson County. | | | | |
| COLBERT COUNTY --- 0.5 NW TUSCUMBIA [34.74, -87.71] | | | | |
| | 08/13/21 15:50 CST | | 2K | Thunderstorm Wind (EG 43 kt) |
| | 08/13/21 15:50 CST | | 0 | Source: Broadcast Media |
| A tree and power lines were knocked down onto a house near the intersection of 2nd Street and Indian Street. Report relayed via social media. Time estimated by radar and a report of power outages from Emergency Management. | | | | |
| COLBERT COUNTY --- 0.7 S MUSCLE SHOALS [34.74, -87.67], 0.7 SSE MUSCLE SHOALS [34.74, -87.67], 0.5 SSE MUSCLE SHOALS [34.74, -87.67], 0.4 S MUSCLE SHOALS [34.74, -87.67] | | | | |
| | 08/13/21 15:50 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/13/21 21:00 CST | | 0 | Source: Emergency Manager |
| Woodward Avenue covered in 4 to 6 inches of moving water in Muscle Shoals. | | | | |
| COLBERT COUNTY --- 0.9 NW TUSCUMBIA [34.74, -87.71], 1.2 NW TUSCUMBIA [34.74, -87.71], 1.3 NW TUSCUMBIA [34.74, -87.72], 1.1 NW TUSCUMBIA [34.74, -87.72] | | | | |
| | 08/13/21 16:11 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/13/21 22:00 CST | | 0 | Source: Emergency Manager |
| Wheeler Avenue and Blackwell Roads reported with at least 6 inches of moving water across them. | | | | |
| COLBERT COUNTY --- 0.7 N TUSCUMBIA [34.74, -87.70], 0.5 NNE TUSCUMBIA [34.74, -87.70], 0.5 NNW TUSCUMBIA [34.74, -87.70], 0.7 N TUSCUMBIA [34.74, -87.70] | | | | |
| | 08/13/21 16:31 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/13/21 23:00 CST | | 0 | Source: Emergency Manager |
| Flooding reported at the intersection of North Cave Street and North Commons Street. Photos on social media show cars stalled in the floodwaters in the area. | | | | |
| Scattered to numerous thunderstorms erupted during the afternoon hours in northwest into north central Alabama. The thunderstorms knocked a couple of trees down and produced flash flooding in Colbert County. | | | | |
| MADISON COUNTY --- 3.4 S REDSTONE AAF [34.63, -86.70] | | | | |
| | 08/15/21 14:32 CST | | 0 | Funnel Cloud |
| | 08/15/21 14:34 CST | | 0 | Source: Storm Chaser |
| A research meteorologist and storm chaser documented a funnel cloud that developed from a thunderstorm during the afternoon hours over Redstone Arsenal, about 1.5 miles east of Zierdt Road and 1 mile south of Martin Road. Photos indicated that this did not touch the ground and no damage was reported. | | | | |
| A research meteorologist and storm chaser documented a funnel cloud that developed from a thunderstorm during the afternoon hours over Redstone Arsenal. Photos indicated that this did not touch the ground and no damage was reported. | | | | |
| JACKSON COUNTY --- 0.6 W KYLES [34.80, -86.01], 0.3 S KYLES [34.80, -86.00], 1.9 WSW KYLES [34.79, -86.03], 1.6 W KYLES [34.80, -86.03] | | | | |
| | 08/15/21 19:10 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/16/21 02:00 CST | | 0 | Source: Emergency Manager |
| County Road 32 in Hollywood had 4 to 6 inches of slowing water reported covering the roadway. | | | | |
| Thunderstorms repeatedly moved across the area on the afternoon of the 15th, producing flash flooding in Jackson County. | | | | |
| COLBERT COUNTY --- 0.9 WNW COLBERT HGTS [34.68, -87.71] | | | | |
| | 08/18/21 15:15 CST | | 0.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 15:15 CST | | 0 | Source: State Official |

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| A tree was knocked down at New Cut Road at Milk Springs Road. Time estimated by radar. | | | | |
| COLBERT COUNTY --- 2.2 WSW COLBERT HGTS [34.66, -87.73] | | | | |
| | 08/18/21 15:15 CST | | 0.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 15:15 CST | | 0 | Source: State Official |
| A tree was knocked down at 6565 Underwood Mountain Road at the Little Creek Missionary Baptist Church. Time estimated by radar. | | | | |
| COLBERT COUNTY --- 1.0 E PICKWICK LAKE [34.85, -88.08] | | | | |
| | 08/18/21 15:35 CST | | 0.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 15:35 CST | | 0 | Source: Emergency Manager |
| A tree was knocked down in the 9000 block of Riverton Rose Trail. Time estimated by radar. | | | | |
| COLBERT COUNTY --- 3.2 ENE CROOKED OAK [34.60, -87.75] | | | | |
| | 08/18/21 16:21 CST | | 0.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 16:21 CST | | 0 | Source: Emergency Manager |
| A tree was knocked down in the 800 block of Ligon Road. Time estimated by radar. | | | | |
| LIMESTONE COUNTY --- 0.5 NNW ATHENS [34.81, -86.98] | | | | |
| | 08/18/21 17:45 CST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 08/18/21 17:45 CST | | 0 | Source: Trained Spotter |
| Trees were knocked down into power lines along Market Street, between Shannon Street and Hine Street. Time estimated by radar. | | | | |
| LIMESTONE COUNTY --- 1.4 E ATHENS [34.80, -86.96] | | | | |
| | 08/18/21 18:00 CST | | 0.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 18:00 CST | | 0 | Source: Public |
| A tree was knocked down across Crestview Street. Time estimated by radar. | | | | |
| MADISON COUNTY --- 1.1 SSE TONEY [34.89, -86.74] | | | | |
| | 08/18/21 18:04 CST | | 1K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 18:04 CST | | 0 | Source: Trained Spotter |
| A social media photo indicated a tree was knocked down across Highway 53 just south of Toney Road. Time estimated by radar. | | | | |
| MADISON COUNTY --- 1.4 S MONROVIA [34.75, -86.72] | | | | |
| | 08/18/21 18:15 CST | | 1.50K | Thunderstorm Wind (EG 43 kt) |
| | 08/18/21 18:15 CST | | 0 | Source: Broadcast Media |
| Strong outflow winds from a thunderstorm knocked a tree down onto a home on Yancy Road in Madison. Time estimated by radar. | | | | |
| A small complex of strong to severe thunderstorms developed during the late afternoon hours and moved east across north Alabama. The storms produced a few reports of damage in northwest into north central Alabama and southern middle Tennessee. | | | | |
| FRANKLIN COUNTY --- 1.3 WSW PHIL CAMPBELL [34.34, -87.72], 0.7 WSW PHIL CAMPBELL [34.35, -87.71], 0.6 E LIBERTY HILL [34.35, -87.76], 0.6 SE LIBERTY HILL [34.34, -87.76] | | | | |
| | 08/19/21 16:22 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/19/21 22:00 CST | | 0 | Source: Broadcast Media |
| College Road is under at least 6 inches of moving water in several locations. | | | | |
| FRANKLIN COUNTY --- 1.3 WNW PHIL CAMPBELL [34.36, -87.72], 1.1 NW PHIL CAMPBELL [34.36, -87.72], 1.1 WNW PHIL CAMPBELL [34.36, -87.72], 1.3 WNW PHIL CAMPBELL [34.36, -87.72] | | | | |
| | 08/19/21 16:26 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/19/21 22:00 CST | | 0 | Source: Broadcast Media |
| Bridge on Nix Ridge Road is under 2 feet of water. | | | | |

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| FRANKLIN COUNTY --- 0.6 W PHIL CAMPBELL [34.35, -87.71], 0.4 NE PHIL CAMPBELL [34.35, -87.70], 0.5 SE PHIL CAMPBELL [34.35, -87.69], 0.7 SW PHIL CAMPBELL [34.34, -87.71] | | | | |
| | 08/19/21 16:37 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/19/21 22:00 CST | | 0 | Source: Emergency Manager |
| Railroad tracks have been washed out in addition to several bridges with water over them. Most area roads have at least 6 inches of water over them throughout Phil Campbell. | | | | |
| FRANKLIN COUNTY --- 1.3 WSW PHIL CAMPBELL [34.34, -87.72], 1.7 W PHIL CAMPBELL [34.35, -87.73], 1.6 E LIBERTY HILL [34.35, -87.74], 1.5 ESE LIBERTY HILL [34.34, -87.75] | | | | |
| | 08/19/21 16:45 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 08/19/21 22:00 CST | | 0 | Source: Broadcast Media |
| Part of College Street has been washed away. | | | | |
| Thunderstorms developed around midday across portions of Northwestern Alabama. They repeatedly moved across Phil Campbell in Franklin County, flooding much of the city and washing away several roads. At one point, nearly every road in Phil Campbell was under water during this event. Several bridges were covered by FEET of water at one point, with portions of railroad tracks washing away too. | | | | |
| (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT | | | | |
| | 08/30/21 22:00 CST | | 30K | Tropical Depression |
| | 08/31/21 02:00 CST | | 0 | |
| The outer bands of T.D. Ida produced stronger thunderstorms at times during the evening hours of the 30th. Winds associated with the depression knocked down numerous trees and a few power lines in far northwest Alabama. A couple of trees were also knocked down in north central and northeast Alabama. Rainfall amounts of 3-4 inches were reported in northwest Alabama, and in a couple of isolated locations in north central and northeast Alabama. Most other areas received 1-3 inches. | | | | |
| ALABAMA, Southeast | | | | |
| GENEVA COUNTY --- 2.2 SW HENDRIX CROSSROAD [31.10, -85.74] | | | | |
| | 08/10/21 17:33 CST | | 5K | Thunderstorm Wind (EG 55 kt) |
| | 08/10/21 17:33 CST | | 0 | Source: 911 Call Center |
| Roof damage to a structure was reported at 882 County Road 34. | | | | |
| GENEVA COUNTY --- 0.9 NW HIGHFALLS [31.10, -85.80] | | | | |
| | 08/10/21 17:40 CST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 08/10/21 17:40 CST | | 0 | Source: 911 Call Center |
| A tree and power lines were blown down near the County Road 41 and County Road 34 intersection. | | | | |
| HOUSTON COUNTY --- 0.9 NW GARRETTS CROSSROADS [31.05, -85.44] | | | | |
| | 08/12/21 15:00 CST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 08/12/21 15:00 CST | | 0 | Source: Emergency Manager |
| A couple of trees and power lines were blown down in the southwest part of the county. | | | | |
| DALE COUNTY --- 2.5 WNW SYLVAN GROVE [31.36, -85.50] | | | | |
| | 08/12/21 15:30 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/12/21 15:30 CST | | 0 | Source: 911 Call Center |
| A tree was blown down along County Road 14. | | | | |
| DALE COUNTY --- OZARK [31.44, -85.64] | | | | |
| | 08/12/21 15:45 CST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 08/12/21 15:45 CST | | 0 | Source: 911 Call Center |
| A tree was blown down in Ozark. | | | | |
| HENRY COUNTY --- 0.6 W NEWVILLE [31.42, -85.34] | | | | |

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| | 08/14/21 13:14 CST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 08/14/21 13:14 CST | | 0 | Source: Broadcast Media |

Tree damage and damage to a barn was reported near County Road 56 and County Road 99.

A typical summertime pattern prevailed with scattered afternoon thunderstorms in a favorable environment for occasional downbursts with gusty winds. A few reports of wind damage were received.

(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067) HENRY, (AL-Z068) GENEVA, (AL-Z069) HOUSTON

| | | |
|--------------------|-----|----------------|
| 08/16/21 19:00 EST | 23K | Tropical Storm |
| 08/17/21 01:00 EST | 0 | |

DALE COUNTY --- 0.7 N MIDLAND CITY [31.32, -85.49], 0.6 NNW MIDLAND CITY [31.32, -85.49], 0.5 N MIDLAND CITY [31.32, -85.49], 0.6 N MIDLAND CITY [31.32, -85.49]

| | | |
|--------------------|---|---|
| 08/16/21 19:48 CST | 0 | Flash Flood (due to Heavy Rain / Tropical System) |
| 08/16/21 21:45 CST | 0 | Source: 911 Call Center |

Daniel Street was closed due to water over the roadway.

After moving across the Greater Antilles and weakening, the remnants of Tropical Storm Fred strengthened into a tropical storm once again in the Gulf of Mexico and made landfall near Cape San Blas with maximum sustained winds near 65 mph on August 16th. The storm brought flooding and strong winds to numerous areas of the tri-state region. Rainfall amounts were generally in the 3 to 9 inch range with the highest amounts in Bay and Washington counties. Inundation along the coast generally remained below 3 ft MHHW, except for Apalachicola which measured 3.37 ft MHHW. One man was injured when a tree fell onto his car in Millville in Bay county, and one indirect fatality of a 51 year old male occurred due to hydroplaning in Bay county.

HOUSTON COUNTY --- 0.9 SW JONES CROSSROADS [31.20, -85.49], 0.2 SE JONES CROSSROADS [31.21, -85.48]

| | | |
|--------------------|-----|--------------------------------------|
| 08/31/21 14:59 CST | 20K | Tornado (EF0, L: 0.89 mi , W: 20 yd) |
| 08/31/21 15:08 CST | 0 | Source: NWS Storm Survey |

A tornado touched down along County Line Road at the Houston-Geneva County line, downing several trees onto an unoccupied mobile home. The tornado continued northeast causing damage to doors and metal siding of a warehouse. The roof of an outbuilding was peeled back along Brannon Strand Road. No other structural damage was noted with the tornado. The tornado dissipated before reaching Fortner Street. Max winds were estimated at 80 mph.

DALE COUNTY --- 1.1 NW MIDLAND CITY [31.32, -85.50], 1.0 NNW MIDLAND CITY [31.32, -85.49]

| | | |
|--------------------|-------|---------------------------------------|
| 08/31/21 17:14 CST | 0.10M | Tornado (EF0, L: 0.65 mi , W: 125 yd) |
| 08/31/21 17:17 CST | 0 | Source: NWS Storm Survey |

A tornado touched down on the ground of Dale County High School, damaging aluminum bleachers and one dugout. The tornado crossed County Road 59 and caused roof damage to numerous roofs in the adjacent neighborhood. Video on social media showed several trampolines being lofted into the air. Several oak trees were blown over on Dale Circle, damaging one home, before the tornado dissipated. Max winds were estimated at 85 mph.

GENEVA COUNTY --- 1.4 W BAILEY CROSSROADS [31.19, -85.61], 1.1 WNW BAILEY CROSSROADS [31.19, -85.61]

| | | |
|--------------------|---|--------------------------------------|
| 08/31/21 17:34 CST | 0 | Tornado (EF0, L: 0.58 mi , W: 25 yd) |
| 08/31/21 17:36 CST | 0 | Source: NWS Storm Survey |

A tornado touched down in fields west of Pates Road in Geneva County. The tornado tracked across mostly farmland into Houston County before damaging a barn and dissipating near Cumbie Road. Video on social media showed a very narrow tornado tracking across a peanut field near the Houston -Geneva County Border. Max winds were estimated near 80 mph.

HOUSTON COUNTY --- 0.8 ESE WICKSBURG [31.19, -85.61], 2.2 ENE WICKSBURG [31.21, -85.59]

| | | |
|--------------------|-----|--------------------------------------|
| 08/31/21 17:36 CST | 10K | Tornado (EF0, L: 1.71 mi , W: 25 yd) |
| 08/31/21 17:40 CST | 0 | Source: NWS Storm Survey |

This is a continuation of the EF0 tornado from Geneva county. The tornado tracked across mostly farmland into Houston County before damaging a barn and dissipating near Cumbie Road. Video on social media showed a very narrow tornado tracking across a peanut field near the Houston -Geneva County Border. Max winds were estimated near 80 mph.

The center of the remnants of Hurricane Ida moved well west and north of the region. However, a localized favorable environment of instability and shear existed across a small area of southeast Alabama with a few brief, weak tornadoes reported.

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|--|--------------------|-------------------|---------------------|---|
| (AL-Z266) BALDWIN COASTAL | | | | |
| | 08/17/21 14:00 CST | 2 | 0 | Rip Current |
| | 08/17/21 14:00 CST | | 0 | |
| Direct Fatalities: M??IW | | | | |
| Two brothers drowned in rip currents in Gulf Shores. | | | | |
| (AL-Z266) BALDWIN COASTAL | | | | |
| | 08/20/21 14:00 CST | 1 | 0 | Rip Current |
| | 08/20/21 14:00 CST | | 0 | |
| Direct Fatalities: M19IW | | | | |
| An adult male drowned at Fort Morgan as the result of a rip current. | | | | |
| (AL-Z263) MOBILE CENTRAL, (AL-Z265) MOBILE COASTAL, (AL-Z266) BALDWIN COASTAL | | | | |
| | 08/29/21 05:00 CST | | 0 | Tropical Storm |
| | 08/30/21 12:00 CST | | 0 | |
| (AL-Z263) MOBILE CENTRAL, (AL-Z264) BALDWIN CENTRAL, (AL-Z265) MOBILE COASTAL, (AL-Z266) BALDWIN COASTAL | | | | |
| | 08/29/21 07:00 CST | | 0 | Storm Surge/Tide |
| | 08/30/21 12:00 CST | | 0 | |
| MOBILE COUNTY --- 1.6 SSW (MOB)MOBILE BATES FL [30.66, -88.24], 1.3 SSW (MOB)MOBILE BATES FL [30.66, -88.24], 1.3 S (MOB)MOBILE BATES FL [30.66, -88.23], 1.5 SSW (MOB)MOBILE BATES FL [30.66, -88.24] | | | | |
| | 08/30/21 10:33 CST | | 0 | Flash Flood (due to Heavy Rain / Tropical System) |
| | 08/30/21 15:00 CST | | 0 | Source: NWS Employee |
| An off duty employee observed up to one foot of water rapidly flowing across the roadway. | | | | |
| MOBILE COUNTY --- 1.7 S SARALAND [30.80, -88.07], 2.3 ESE AXIS [30.92, -87.99] | | | | |
| | 08/30/21 11:20 CST | | 0 | Tornado (EF1, L: 9.96 mi , W: 175 yd) |
| | 08/30/21 11:34 CST | 3 | 0 | Source: NWS Storm Survey |
| <p>The tornado began at approximately 12:20 PM at the intersection of highway 158 and highway 43 where trees were uprooted and a few pines snapped. As the tornado moved northeast along highway 43 it produced sporadic damage to trees. The roof of a motel on the west side of highway 43 was uplifted and partially removed. As the tornado crossed 43 the most intense damage occurred where several sections of another motel's roof was removed, one person had minor injuries at the motel. Due to the roofs older build and lack of tree damage, a lower bound estimate was used. The tornado continued northeast and crossed Jackintoport Blvd. where the roof of an open sided industrial building was partially removed and an 18 wheeler was overturned. Another injury occurred with the overturned tractor trailer. Tree damage became sporadic and the path may have been discontinuous until several softwood trees were uprooted or snapped along Bayou Sara Ave . The tornado likely, continued northeast along Gunnison Creek and damage was found as the tornado crossed near Boboshilly Cir. This was where the most significant tree damage was noted with several snapped softwood pines. The tornado continued northeast towards I-65 where a couple trees were uprooted onto a home along Ellison Ave before likely dissipating north of Dead Lake Marina Rd. Most of the damage indicators appeared right of the track and based off radar estimates the tornado could have possibly continued further into the Mobile delta.</p> | | | | |
| CLARKE COUNTY --- 2.8 NNW CHOCTAW BLUFF [31.41, -87.79], 2.5 WSW ALMA [31.46, -87.79] | | | | |
| | 08/30/21 12:25 CST | | 0 | Tornado (EF1, L: 3.50 mi , W: 150 yd) |
| | 08/30/21 12:28 CST | | 0 | Source: NWS Storm Survey |

Storm Data and Unusual Weather Phenomena - August 2021

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---|
| <p>The tornado likely began near Society Hill Rd south of Oregon Rd where a mobile home was rolled and another home lost most of its roof. The tornado continued northeast where numerous softwood snaps and uproots were noted as the tornado crossed Society Hill Rd. The tornado then likely continued across heavily forested areas before crossing Gainestown Rd where a couple uprooted softwoods were noted. The tornado was likely in the dissipation process and likely dissipated north of Gainestown Rd.</p> | | | | |
| <hr/> | | | | |
| MOBILE COUNTY --- 1.1 WNW SEVEN HILLS [30.66, -88.32], 0.8 N SEVEN HILLS [30.66, -88.30], SEVEN HILLS [30.65, -88.30], 1.1 W SEVEN HILLS [30.65, -88.32] | | | | |
| | 08/30/21 13:03 CST | | 0 | Flash Flood (due to Heavy Rain / Tropical System) |
| | 08/30/21 15:00 CST | | 0 | Source: County Official |

Heavy rain caused water to cover roadways on Airport Blvd west of Johnson Road , Newman Road between Airport Blvd and Busby Road , Gaston Loop at Tom Gaston Road, Cat Deakle Road west of Gaston Loop and Tanner Williams at Hubert Pierce .

| | | | | |
|---|--------------------|--|---|---|
| <hr/> | | | | |
| MOBILE COUNTY --- 2.0 NNW TILLMANS CORNER [30.61, -88.14], 2.4 NNW TILLMANS CORNER [30.61, -88.14], 2.3 NNW TILLMANS CORNER [30.61, -88.14], 2.1 NNW TILLMANS CORNER [30.61, -88.14] | | | | |
| | 08/31/21 04:17 CST | | 0 | Flash Flood (due to Heavy Rain / Tropical System) |
| | 08/31/21 06:00 CST | | 0 | Source: Public |

A low water crossing was flooded due to heavy rainfall.

Hurricane Ida rapidly intensified overnight on August 28th into the morning of August 29th into strong category 4 Hurricane as it approached the northern Gulf coast. Ida made landfall across southeast Louisiana during the late morning on August 29th. Ida turned north and northeast across central Mississippi during late afternoon and evening on Monday, August 30th.

The core of the hurricane force winds was relatively small, only extending out from the center about 50 miles. However tropical storm force winds extended outward over 150 miles from the center. This brought tropical storm force wind gusts to southeast Mississippi and much of southwest Alabama, with a brief period of sustained tropical storm force winds to coastal Alabama. Wind gusts of 40 to 60 mph were recorded across southeast Mississippi and southwestern Alabama. The tropical storm force winds also downed several trees across the area.

The highest storm surge inundation values observed were between 3 to 4.5 feet MHHW across southern Mobile county up into the far north end of Mobile Bay. Storm surge surveys indicated the highest water levels were in the Bayou La Batre area along and near Shell Belt Road where peak water levels were in the 4 to 4.5 feet MHHW range.

The slow movement of the storm caused widespread flooding especially across southeast Mississippi and portions of southwest Alabama. Rainfall amounts of anywhere from 7 to 12 inches were recorded across southeast Mississippi and portions of southwest Alabama. This led to significant flash flooding along with significant river flooding.

Two tornadoes during the afternoon on August 30th. An EF-1 in northern Mobile County and an EF-1 in southern Clarke County.

Here is a breakdown of county impacts:

Stone County MS: Tropical storm force wind gusts downed several trees in Stone County. Seven to ten inches of rain was recorded and one road had to be barricaded due to flooding. The low lying red creek and mill creek areas experienced flooding, impacting two RV parks.

George County MS: Eight to twelve inches of rain fell across George county which resulted in significant flash flooding. A portion of Highway 26 collapsed just west of Lucedale, killing three people and injuring seven others. Eleven other roads were significantly flooded and had some form of washout or damage.

Mobile County AL: The west end of Dauphin Island was significantly impacted by Ida from a combination of high surf, storm surge, and tropical storm force winds. Three miles of Bienville boulevard was impassable due to surge flooding and sand up to four feet deep. The high surf also produced minor damage to a few homes on the west end. Power poles were also knocked down on the island. Storm surge inundation peaked between 3 and 4.5 feet MHHW across southern Mobile county up into the far north end of Mobile Bay. The highest tidal gauge readings were 3.78 feet MHHW at Coast Guard sector Mobile and 3.82 feet MHHW at the Bayou La Batre bridge. Storm surge surveys along Shell Belt road in Bayou La Batre indicated water lines that reached between 4-4.5 feet.

This surge flooding resulted in closures of low lying coastal roads, such as Shell Belt road, the US Highway 90 causeway, the foot of the Dog river bridge, and the Dauphin Island causeway. Coastal flooding persisted across three high tide cycles which resulted in prolonged closures. Observations at Dauphin Island and Buccaneer Yacht Club on

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|----------|-----------|-------------------|---------------------|------------------------|
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Mobile Bay measured brief sustained periods of tropical storm force winds between 40-45 mph. Gusts of 50 to 60 mph were recorded in heavier rain bands across central and southern Mobile county. An EF-1 tornado impacted parts of Saraland, Satsuma, and Creola early in the afternoon on August 30th, resulting in three injuries. Rainfall totals of 8 to 11 inches were recorded across the county, especially in southern and central portions. This heavy rainfall led to some urban flooding in neighborhoods and damaged some drainage culverts.

Baldwin County AL: Storm surge inundation of 3 to 4 feet above normally dry ground was recorded from Weeks Bay northward. This resulted in flooding of low lying areas and closure of the US Highway 90 Causeway. Five to nine inches of rain was measured across Baldwin county, which resulted in areas of flash flooding. A portion of River Road along Styx River was washed out due to heavy rainfall and flooding. A few drainage culverts were also significant damaged in the county. Tropical storm conditions were confined primarily to immediate coastal areas, particularly along the Fort Morgan peninsula.

Clarke County AL: An EF-1 Tornado impacted portions of southern Clarke County, significantly damaging a couple of structures.

Escambia County FL: High surf of at least ten feet resulted in significant flooding and sand on coastal roadways along the Gulf Islands National Seashore. Portions of the road and access areas were closed for an extended period of time.

Santa Rosa County FL: High surf of at least ten feet resulted in significant flooding and sand along the Gulf Islands National Seashore. Portions of the road and access areas were closed for and extended period of time.

Okaloosa County FL: Strong rip currents produced by Ida resulted in two rip current fatalities in the wake of the storm. One occurred on September 1st when a 14 year old teen drowned off a Destin Beach. The other fatality occurred on September 4th when a 58 year old man drowned off Henderson Beach State Park.