

## Storm Data and Unusual Weather Phenomena - October 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>MARENGO COUNTY --- 2.1 SSE SPOCARI [32.49, -87.81]</b>				
	10/12/22 06:20 CST	0		Hail (1.00 in)
	10/12/22 06:21 CST	0		Source: Social Media
Pictures and video of large hail falling along Highway 43 in the city of Demopolis.				
<b>HALE COUNTY --- 1.4 WSW PRAIRIEVILLE [32.51, -87.72]</b>				
	10/12/22 06:28 CST	0		Hail (2.00 in)
	10/12/22 06:29 CST	0		Source: Social Media
Photos of large hail along Highway 80 near the town of Gallion.				
<b>LOWNDES COUNTY --- BURKVILLE [32.33, -86.55]</b>				
	10/12/22 13:04 CST	0		Thunderstorm Wind (EG 50 kt)
	10/12/22 13:05 CST	0		Source: Emergency Manager
Several trees uprooted and power lines downed in the town of Burkville.				
<b>LOWNDES COUNTY --- 1.2 E SANDY RIDGE [32.02, -86.45]</b>				
	10/12/22 13:27 CST	0		Thunderstorm Wind (EG 50 kt)
	10/12/22 13:28 CST	0		Source: Emergency Manager
Several trees uprooted along Highway 31 in the Sandy Ridge Community.				
<b>MONTGOMERY COUNTY --- 0.2 SE PINTLALLA [32.18, -86.37]</b>				
	10/12/22 13:28 CST	0		Thunderstorm Wind (EG 50 kt)
	10/12/22 13:29 CST	0		Source: Emergency Manager
Several trees uprooted and blocking Highway 31 near the town of Pintlala.				
<b>BULLOCK COUNTY --- 2.1 SE UNION SPGS ARPT [32.15, -85.79]</b>				
	10/12/22 14:15 CST	0		Thunderstorm Wind (EG 50 kt)
	10/12/22 14:16 CST	0		Source: Emergency Manager
Several trees uprooted along Highway 110 west of Union Springs.				
<b>RUSSELL COUNTY --- 1.4 WSW HURTSBORO [32.24, -85.42]</b>				
	10/12/22 14:46 CST	0		Thunderstorm Wind (EG 50 kt)
	10/12/22 14:47 CST	0		Source: Emergency Manager
Several trees uprooted in the city of Hurtsboro and throughout the county.				
<b>MARION COUNTY --- 2.4 ESE BARNESVILLE [34.12, -88.04]</b>				
	10/12/22 18:15 CST	0		Hail (1.50 in)
	10/12/22 18:16 CST	0		Source: Public
Large hail reported near the Intersection of I-22 and Highway 17 on the southwest side of the city of Hamilton.				
<b>MARION COUNTY --- TWIN [34.00, -87.85]</b>				
	10/12/22 18:47 CST	0		Hail (1.00 in)
	10/12/22 18:48 CST	0		Source: Broadcast Media
Large hail reported in the community of Twin.				
<p><b>A short wave trough digging southward towards the Central Gulf Coast states provided ample lift for the development of convection. Moderate levels of mid level shear and instability aided in the intensity of the thunderstorms, producing several rounds of severe thunderstorms throughout the day.</b></p>				

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### ALABAMA, North

#### MADISON COUNTY --- 1.4 S UNION GROVE [34.91, -86.48]

	10/12/22 17:28 CST		10K	Thunderstorm Wind (EG 43 kt)
	10/12/22 17:28 CST		0	Source: Utility Company

A tree was knocked down on Butler Road, taking down four power lines which broke four power poles. This caused a large area of power outages in New Market and Hazel Green. Time estimated by radar.

#### COLBERT COUNTY --- 2.3 W OLD BETHEL [34.58, -87.56]

	10/12/22 20:48 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	10/12/22 20:48 CST		0	Source: Emergency Manager

A tree was knocked down at Lagrange Road and Clement Road.

#### COLBERT COUNTY --- 2.9 SE SPRING VLY [34.63, -87.59]

	10/12/22 20:49 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	10/12/22 20:49 CST		0	Source: Emergency Manager

A tree was knocked down at Lagrange Road at Turkey Farm Road.

**Two lines of strong thunderstorms pushed southeast across the region. The first during the late afternoon and early evening hours, and the second during the mid to late evening hours. Both lines resulted in isolated wind damage.**

#### (AL-Z001) LAUDERDALE, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z009) JACKSON, (AL-Z010) DEKALB

	10/18/22 03:00 CST		0	Frost/Freeze
	10/18/22 07:00 CST		0	

Temperatures dropped into the 29 to 32 degree range (mainly in rural locations) during the morning hours of the 18th.

#### (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

	10/18/22 21:00 CST		0	Frost/Freeze
	10/19/22 08:00 CST		0	

Temperatures dropped into the 26 to 32 degree range during the late evening hours of the 18th into the morning of the 19th.

#### (AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

	10/19/22 21:00 CST		0	Frost/Freeze
	10/20/22 08:00 CST		0	

Temperatures dropped into the 26 to 32 degree range during the late evening of the 19th into the morning of the 20th.

### ALABAMA, Southeast

#### (AL-Z068) GENEVA, (AL-Z069) HOUSTON

	10/11/22 00:00 EST		0	Drought
	10/31/22 23:59 EST		0	

D2 drought conditions developed in portions of Houston county on October 11th and expanded into Geneva county on October 25th. The D2 drought conditions continued into November.

### ALABAMA, Southwest

#### MOBILE COUNTY --- 1.9 NW LAURENDINE [30.52, -88.20], 1.7 WSW THEODORE [30.54, -88.20]

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	10/29/22 16:03 CST		0	Tornado (EF0, L: 1.84 mi , W: 20 yd)
	10/29/22 16:08 CST		0	Source: NWS Storm Survey

An EF-0 tornado likely began just to the south of Government Boulevard near Theodore tracking north across the area. The beginning point of the tornado is estimated by a radar confirmed debris signature that started in a heavily wooded area to the south of Government Boulevard. The tornado crossed Government Blvd and tracked up through Tung Avenue West where some minor tree damage occurred with numerous limbs knocked down and a fence was blown over. The tornado continued across Oakane Drive where minor shingle damage occurred to homes. At this point the tornado likely lifted with no further damage reports to the north.

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**BALDWIN COUNTY --- 1.7 W BON SECOUR [30.32, -87.76], 1.7 W BON SECOUR [30.32, -87.76]**

	10/29/22 16:10 CST		0	Tornado (EF0, L: 0.50 mi , W: 20 yd)
	10/29/22 16:12 CST		0	Source: NWS Storm Survey

The tornado likely started south of county road 49 in Skunk Bayou. The tornado moved north resulting in uprooted softwood pines, one snapped pine along county road 49. A chicken coop was flipped and a barn destroyed just west of Carver Rd. Sporadic large limbs were noted on carver road and a travel trailer had its windows broken by debris. The tornado likely lifted just north of county road 49.

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**BALDWIN COUNTY --- 2.6 SSE MAGNOLIA SPGS [30.36, -87.77], 2.1 SSE MAGNOLIA SPGS [30.37, -87.77]**

	10/29/22 16:16 CST		0	Tornado (EF1, L: 0.59 mi , W: 40 yd)
	10/29/22 16:18 CST		0	Source: NWS Storm Survey

Tornado likely began in a field to the southeast of county road 49 and moved northeast across county road 49 south of Bay Rd E. Several wood power poles were snapped at this location; however, age of power poles suggested lower bound and lack of other damage indicators. Weak tree debris was noted along Bay Rd E where social media video suggests the tornado lifted as it crossed Bay Rd E.

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**MOBILE COUNTY --- 0.6 SSW (BFM)MOBILE BROOKLEY [30.61, -88.06], 1.3 N MOBILE AEROSPACE ARP [30.65, -88.07]**

	10/29/22 16:23 CST		0	Tornado (EF0, L: 2.67 mi , W: 110 yd)
	10/29/22 16:30 CST		0	Source: NWS Storm Survey

An EF-0 tornado came onshore near the southern end of Mobile Downtown Airport. The start point of this is based on visual confirmation of the tornado via pictures and video. The tornado crossed parts of the airport, with no notable damage being reported. As the tornado tracked northwest, it moved across South Broad Street where it removed branches from trees and damaged some fencing. The final observable damage point was on Avenue C where metal roofing was removed from a building, with the metal canopy/overhang collapsed at the end of the building. The tornado may have continued slightly north-northwest of this point, but the area was inaccessible due to limited road access.

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**MOBILE COUNTY --- 2.8 NNE ST ELMO ARPT [30.54, -88.26], 0.6 NNW DAWES [30.61, -88.25]**

	10/29/22 17:40 CST		0	Tornado (EF1, L: 4.90 mi , W: 250 yd)
	10/29/22 17:50 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - October 2022

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<p>Tornado likely began in a field to the southwest the Pecan Terrace subdivision and moved north-northeast as it crossed Old Pascagoula Rd. The damage was predominantly confined to trees and fences as the tornado moved toward Dep Busby Rd. The tornado then moved across open fields and cotton fields for about a mile and a half. The tornado moved across the Labrador Trail subdivision with significant damage to fences with shingle and soffit/fascia damage noted on many homes in the neighborhood. Several sheds in the neighborhood were also damaged. The tornado then crossed another large field before moving across Dawes Creek Drive and Dawes Oak Drive. A home along Dawes Oak Drive had two south-facing windows pushed in and broken with roof damage, which prompted the low-end EF-1 rating for this point. The tornado continued off to the north-northeast as it crossed Three Notch Road. The tornado likely lifted near Dawes Lane N given the lack of damage to the north of this road.</p>				
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<b>BALDWIN COUNTY --- 2.7 W GULF SHRS [30.28, -87.72], 0.5 SSE BON SECOUR [30.31, -87.73]</b>				
	10/29/22 17:50 CST		0	Tornado (EF1, L: 2.48 mi , W: 110 yd)
	10/29/22 17:59 CST		0	Source: NWS Storm Survey

Additional surveys and satellite imagery shows that the Tornado likely began as a waterspout over Oyster Bay and crossed Oyster Bay rd. A swath of tall grass was flattened as it crossed the road as the tornado tracked through a heavily forested area southeast of County Road 6. The tornado was likely weak or discontinuous through the wooded area. The tornado then quickly tracked northwest where the first damage was reported. A barn lost most of its tin roofing and several large hard and softwood branches were snapped. The tornado intensified as it crossed County Road 6 where a couple large hardwoods and softwoods uprooted. Peak intensity occurred just north of County Road 6 where a manufactured home was rolled and completely destroyed. 3 individuals were inside the home and were transported to the hospital with minor injuries. A pontoon boat on a trailer was dragged about 30 yards and deposited on a stump causing the boat to shift on the trailer. A few hard and softwood snaps were also located at the area. The tornado then continued on northeast causing minor tree damage. The tornado then crossed the Bon Secour river causing minor damage to a construction site and minor tree damage. The Tornado likely lifted shortly after with sporadic wind damage noted along Bon Secour highway.

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<b>MOBILE COUNTY --- 1.1 ENE SPRING HILL [30.71, -88.13], 0.9 SSW WHISTLER [30.74, -88.13]</b>				
	10/29/22 17:57 CST		0	Tornado (EF0, L: 2.14 mi , W: 10 yd)
	10/29/22 18:02 CST		0	Source: NWS Storm Survey

A weak EF-0 tornado with peak winds of 75mph likely began in Pine Grove along Threemile Creek and quickly moved north across Moffett Road where a tornado debris signature became apparent on radar. This tornado continued along Pine Grove Avenue where a couple of older/dead trees were knocked down and healthier large tree limbs were knocked down at the intersection of Pine Grove Avenue and Pringle Drive. Due to limited road access north of this point, the rest of the tornadoes path is approximated based on radar tornado debris signature and rotational velocity. It is likely the tornado ended just to the southeast of Laidlaw Lane prior to reaching Wolf Ridge Road.

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<b>MOBILE COUNTY --- 0.9 SE ORCHARD [30.71, -88.19], 2.2 NNE ORCHARD [30.75, -88.18]</b>				
	10/29/22 18:09 CST		0	Tornado (EF0, L: 2.45 mi , W: 180 yd)
	10/29/22 18:15 CST		0	Source: NWS Storm Survey

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<p>Tornado began along Lucerne Drive and moved north-northeast as it crossed Overlook Road. The damage along Lucerne Drive was predominantly confined to trees and fences as the tornado moved toward Donham Drive. The tornado then crossed Howells Ferry Road and moved along Grider Road. The tornado continued to the north-northeast with more damage to sheds and homes along Grider Road. One home near Rose Hill Lane had some uplift to the roof with more tree damage nearby. The tornado moved over a heavily wooded area before likely lifting around Moffett Road. The tornado may have continued off to the north-northeast, but that wooded area is completely inaccessible.</p>				
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<b>BALDWIN COUNTY --- 2.0 SSE POINT CLEAR [30.44, -87.91], 2.0 SSE POINT CLEAR [30.44, -87.91]</b>				
	10/29/22 19:51 CST		0	Tornado (EF0, L: 0.02 mi , W: 20 yd)
	10/29/22 19:52 CST		0	Source: NWS Storm Survey
<p>A very brief EF0 tornado with peak winds of around 85mph touched down off of Scenic Highway 98 by James Lowe Lane in southwestern Baldwin County. The tornado uprooted a hardwood tree, shifted a wooden carport off its holding blocks, and shifted a loaded trailer approximately 20 feet from its resting position at this location. Damage was confirmed to be from a tornado thanks to video by local residents. Sporadic wind damage was observed in the surrounding area, and it is possible the tornado began before this point and continued further north, but limited access to roads made it difficult to assess.</p>				
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<b>BALDWIN COUNTY --- 0.4 ENE DAPHNE [30.60, -87.89], 1.0 NE DAPHNE [30.61, -87.89]</b>				
	10/29/22 20:19 CST		0	Tornado (EF0, L: 0.60 mi , W: 20 yd)
	10/29/22 20:20 CST		0	Source: NWS Storm Survey
<p>The tornado likely began south of Daphne Ave where light tree debris was noted. Sporadic light wind damage was noted before this location. The tornado then crossed Daphne Ave where it brought down a couple hardwoods including a couple significant snaps. However, the health of the trees were in question and given the lack of other damage indicators, especially to healthier trees, a lower bound damage rating was designated. A convergent path was noted here. albeit weak, it was noticeable. The tornado then crossed Randall Ave with some tree branches snapped and one uproot. One home lost some shingles before the tornado likely lifted north of Randall Ave.</p>				
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<b>BALDWIN COUNTY --- 0.8 SSE SPANISH FT [30.67, -87.90], 0.6 SSE SPANISH FT [30.67, -87.89]</b>				
	10/29/22 20:29 CST		0	Tornado (EF1, L: 0.25 mi , W: 20 yd)
	10/29/22 20:30 CST		0	Source: NWS Storm Survey
<p>An EF1 tornado began in the Spanish Fort area of Baldwin County with peak winds of 90mph. This tornado likely began near or just southwest of Waites Lane where it snapped and uprooted a couple hardwood trees. The tornado was intermittently touching down, lifting briefly after this first point, before once again touching down to the northeast after crossing Spanish Fort Blvd moving onto the City Hall property. Here it snapped a couple of pines and uprooted a hardwood tree. The tornado likely went further northeast, but damage became rather sporadic.</p>				
<p><b>A very localized tornado outbreak Saturday afternoon and evening as an unstable airmass developed over Mobile and Baldwin counties along with the western Florida panhandle ahead of an approaching cold front. Twelve tornadoes were found with 5 in Mobile County, 6 in Baldwin County and 1 tornado in Okaloosa County, FL.</b></p>				