

Storm Data and Unusual Weather Phenomena - April 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
DALLAS COUNTY --- 7.3 WSW PLANTERSVILLE [32.64, -87.04], 0.8 WSW PLANTERSVILLE [32.66, -86.93]				
	04/02/24 21:28 CST		0	Tornado (EF1, L: 6.48 mi , W: 600 yd)
	04/02/24 21:35 CST		0	Source: NWS Storm Survey
<p>The tornado began in a wooded area just east of the Perry/Dallas County line. It quickly reached its peak intensity of 95 mph as it crossed County Road 272 where dozens of trees were snapped or uprooted, blocking the roadway for over a quarter of a mile as it paralleled the road. Additional trees were downed along County Roads 290 and 305, but the tornado weakened as it approached Plantersville. Still, several trees were downed along Dallas County 560 and Highway 22 in Plantersville. The tornado then crossed into Chilton County.</p>				
CHILTON COUNTY --- 0.4 SSW RIDERVILLE [32.66, -86.93], 0.4 NW LESILE [32.67, -86.90]				
	04/02/24 21:35 CST		0	Tornado (EF1, L: 1.80 mi , W: 350 yd)
	04/02/24 21:37 CST		0	Source: NWS Storm Survey
<p>An EF1 tornado began in Dallas County and crossed into Chilton County. It downed more trees near residences on County Road 26 and County Road 16 before quickly dissipating as it crossed County Road 16. The total path length of the tornado was 8.28 miles.</p>				
CHILTON COUNTY --- 1.2 WSW PLETCHER [32.70, -86.82], 1.0 ENE PLETCHER [32.70, -86.78]				
	04/02/24 21:43 CST		0	Thunderstorm Wind (EG 59 kt)
	04/02/24 21:46 CST		0	Source: NWS Storm Survey
<p>Several trees were uprooted and limbs were broken along County Road 336 and County Road 15 near Pletcher. Also along County Road 336, metal roofing was removed from a small shed and an above ground swimming pool was damaged.</p>				
CHILTON COUNTY --- 1.5 NE PLETCHER [32.71, -86.78], 2.4 N COOPER [32.80, -86.55]				
	04/02/24 21:49 CST		0	Tornado (EF1, L: 15.07 mi , W: 450 yd)
	04/02/24 22:06 CST		0	Source: NWS Storm Survey
<p>The same storm that produced the Plantersville tornado continued northeastward. Some sporadic minor tree damage was observed around Pletcher but was more consistent with straight line winds. Damage became more consistent with a tornado as it reached a residence along County Road 359 where a couple trees were downed and minor roof damage occurred to the residence. Damage remained sporadic until it reached some residences along County Road 37. There portions of a porch overhang were blown off a residence , and two barns were damaged. One of these was destroyed though minimal damage was observed to nearby trees. A racecar trailer was blown 100 yards downstream and flattened. Minor tree damage continued as the tornado moved northeastward across County Road 9 and additional outbuildings were damaged or destroyed. The tornado intensified as it crossed an inaccessible area east of County Road 387 as depicted on satellite imagery by an area of heavier vegetation/timber damage, with winds estimated at 95 mph. Much of the roof was blown off a manufactured home on County Road 49, with another manufactured home having about half of its roofing materials removed. Another pole barn was destroyed near County Road 391 where a personal weather station measured a 95.7 mph gust at an elevation of 7 feet. Occasional trees and limbs were downed as the tornado crossed Interstate 65 near Highway 31, before the tornado dissipated after crossing County Road 480.</p>				
COOSA COUNTY --- 1.2 S LAKE MITCHELL [32.83, -86.45]				
	04/02/24 22:12 CST		0	Thunderstorm Wind (EG 52 kt)
	04/02/24 22:13 CST		0	Source: Emergency Manager
<p>Several trees were uprooted and power lines were downed on the east side of Lake Mitchell/Coosa River, especially in the area of County Road 121, Daybreak Curve, Lakeview Rd, and Coosa Run.</p>				
COOSA COUNTY --- 3.0 NNW ROCKFORD [32.92, -86.25], 3.8 NNE ROCKFORD [32.93, -86.20]				
	04/02/24 22:28 CST		0	Tornado (EF1, L: 2.65 mi , W: 400 yd)
	04/02/24 22:31 CST		0	Source: NWS Storm Survey
<p>A brief tornado touched down northwest of Rockford near Kings Bridge Rd causing minor timber damage . Satellite imagery depicted a swath of heavier vegetation/timber damage between Kings Bridge Rd and County Road 47 to suggest low-end EF1 intensity of 90 mph. The tornado continued northeast causing additional timber damage near County Road 47 and US Highway 231, dissipating shortly thereafter.</p>				
COOSA COUNTY --- 0.8 SW SOCAPATTOY [32.97, -86.08], 0.7 W KELLYTON [32.98, -86.04]				
	04/02/24 22:40 CST		0	Tornado (EF0, L: 2.28 mi , W: 175 yd)
	04/02/24 22:44 CST		0	Source: NWS Storm Survey
<p>A brief tornado touched down near Kellyton along County Road 62 causing a corridor of timber damage that was most notable near the intersection with AL Highway 9. The tornado continued northeast crossing US Highway 280 where additional timber damage occurred. The tornado dissipated after causing additional timber damage on County Road 50. Maximum winds were estimated at 80 mph.</p>				

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ELMORE COUNTY --- 1.7 W TALLASSEE [32.53, -85.93]				
	04/02/24 22:58 CST		0	Thunderstorm Wind (EG 52 kt)
	04/02/24 23:01 CST		0	Source: Emergency Manager

A few trees were uprooted across both Friendship Rd and Tallassee Highway.

A surface low positioned over Lake Michigan moved an associated cold front through Central Alabama during the evening of April 2. While a widespread severe weather outbreak unfolded to the north, Alabama saw more concentrated areas of severe weather across northern and central counties in the state. After 10 PM CDT April 2, a small mesoscale convective vortex developed within a broken line of thunderstorms, spawning four tornadoes and areas of wind damage across northern Dallas, southern Chilton, and central and eastern Coosa counties. Three of the tornadoes were rated EF1, with damage primarily consisting of trees and sporadic small structures.

(AL-Z019) CALHOUN, (AL-Z021) CLEBURNE, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z027) TALLADEGA, (AL-Z035) CHILTON, (AL-Z037) TALLAPOOSA, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (AL-Z043) ELMORE				
	04/10/24 13:00 CST		14K	Strong Wind (MAX 43 kt)
	04/10/24 21:00 CST		0	

A large area of rain and thunderstorms moved across Central Alabama during the afternoon of April 10, associated with an MCS passing along the Gulf Coast region to the south. A wake low event developed over Mississippi behind the stratiform rain mass, resulting in widespread tree damage and numerous power outages across parts of Central Alabama. Non-convective wind gusts of 30-45 mph, occasionally up to 50 mph, were observed around the Tuscaloosa, Birmingham, Selma, Montgomery, and Anniston areas, as well as points in between, with higher gusts lasting for 2-3 hours in some cases.

WINSTON COUNTY --- 0.5 ESE HALEYVILLE [34.23, -87.61]				
	04/19/24 06:21 CST		0	Thunderstorm Wind (EG 50 kt)
	04/19/24 06:27 CST		0	Source: Broadcast Media

Several trees and power lines were downed in Haleyville, including one tree on a home on 18 th Ave. Trees were uprooted and power lines were downed along Newburg Rd. Up to dime-sized hail (0.7 inch) was observed in Haleyville as well.

ETOWAH COUNTY --- 1.5 S DUCK SPGS [34.11, -86.00]				
	04/19/24 15:25 CST		0	Hail (0.75 in)
	04/19/24 15:27 CST		0	Source: Broadcast Media

Penny-sized hail fell in the Crudup Rd area just north of Gadsden.

A decaying line of thunderstorms preceding a cold front entered northwestern Alabama early on April 19. One storm within the line briefly intensified in the Haleyville area of Winston County, producing small hail and bringing down several trees and power lines. Later that afternoon, a cluster of storms across northeastern Central Alabama produced a couple instances of small hail, including in Etowah County, where hail up to penny size was observed.

ALABAMA, North

COLBERT COUNTY --- 1.8 NNW COLBERT HGTS [34.70, -87.71]				
	04/02/24 12:20 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	04/02/24 12:20 CST		0	Source: 911 Call Center

A tree was knocked down at the intersection of Milk Springs Road and Henderson Point Road.

COLBERT COUNTY --- 0.5 SE SHEFFIELD [34.76, -87.70]				
	04/02/24 15:42 CST		0.50K	Thunderstorm Wind (EG 43 kt)
	04/02/24 15:42 CST		0	Source: 911 Call Center

A tree was knocked down on North Atlanta Avenue.

COLBERT COUNTY --- 1.9 S EMCO LISTERHILL JCT [34.69, -87.57], 1.9 WNW MIDWAY [34.74, -87.46]				
	04/02/24 15:55 CST		0	Tornado (EF1, L: 6.96 mi , W: 750 yd)
	04/02/24 16:06 CST		0	Source: NWS Storm Survey

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Satellite imagery courtesy of the United States Geological Survey (USGS) depicted that a tornado touched down south of Old Highway 20 west of Sockwell Lane where a tree was uprooted. Ground surveys then tracked damage from the tornado northeast, with significant damage to a pole barn north of Highway 20 before snapping one power pole. Multiple trees were uprooted or snapped as the tornado tracked north of Leighton. Several of these trees fell on single family residences which also sustained loss of roof shingles. The tornado crossed County Line Road where a boat was lifted from its trailer and displaced north approximately 20 yards. Debris fallout was noted in an open field with some small tree twigs piercing the ground. Imagery indicated trees were uprooted south of Hatton and Bethel before the tornado lifted east of Shaw Road.				

LAUDERDALE COUNTY --- 1.2 ENE WOODLAWN [34.84, -87.58]				
	04/02/24 16:02 CST		1K	Thunderstorm Wind (EG 43 kt)
	04/02/24 16:02 CST		0	Source: Emergency Manager

A tree was knocked down and blocking the road at the intersection of Dr . Kennedy Drive and Perritt Cove Road. Time estimated by radar and nearby observation.

LAUDERDALE COUNTY --- 1.6 E WOODLAWN [34.83, -87.57]				
	04/02/24 16:02 CST		1K	Thunderstorm Wind (EG 43 kt)
	04/02/24 16:02 CST		0	Source: Emergency Manager

A tree was knocked down at the intersection of Dr. Kennedy Drive and Elm Cove Road. Time estimated by radar and nearby observation.

LIMESTONE COUNTY --- 1.9 NE ATHENS [34.82, -86.96]				
	04/02/24 16:55 CST		1K	Thunderstorm Wind (EG 52 kt)
	04/02/24 16:55 CST		0	Source: Emergency Manager

Trees were knocked down onto a power line along Elm Street at Elkton Road in Athens.

LIMESTONE COUNTY --- 0.9 WSW SARDIS SPGS [34.83, -86.89], 0.2 ENE SARDIS SPGS [34.83, -86.88]				
	04/02/24 17:01 CST		0	Tornado (EF0, L: 1.11 mi , W: 123 yd)
	04/02/24 17:04 CST		0	Source: NWS Storm Survey

Multiple small and large branches were snapped along Hall Road. A large tree was split at the base in front of a residence on Mooresville Road . Significant loss of metal roof occurred on a detached 3 car garage and metal roof was peeled back on a shed. Roof debris was scattered northward behind a single family residence. Several

large trees were uprooted along Panther Branch Creek off of Mooresville Road with other trees that had medium to large branches snapped .

A broken line of strong to severe thunderstorms pushed east through north Alabama during the late afternoon and early evening hours. A couple of the thunderstorms showed supercell characteristics at times and produced an EF-1 tornado in eastern Colbert County in Leighton and an EF-0 tornado in central Limestone County just east of Athens.

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT				
	04/03/24 10:00 CST		1K	Strong Wind (MAX 34 kt)
	04/03/24 18:00 CST		0	

Gusty west to northwest winds behind a cold front knocked down a tree in at least two locations in northwest Alabama.

(AL-Z009) JACKSON, (AL-Z010) DEKALB				
	04/06/24 04:00 CST		0	Frost/Freeze
	04/06/24 08:00 CST		0	

Temperatures dropped into the upper 20s for morning lows in the northeast Alabama valleys.

(AL-Z002) COLBERT				
	04/10/24 00:00 CST		10K	Strong Wind (MAX 43 kt)
	04/10/24 03:00 CST		0	

A wake low behind a decaying area of rain developed over north Alabama and southern middle Tennessee during the early morning hours of the 10th. Atmospheric pressure drops of 4-5 mb in about an hour resulted in strong and gusty southeast winds. Wind gusts of over 35 mph and in some cases over 45 mph were observed in this region. Several trees and a couple of power poles were knocked down as a result in Colbert County.

(AL-Z002) COLBERT

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/11/24 11:00 CST		2K	Strong Wind (MAX 35 kt)
	04/11/24 16:00 CST		0	

Gusty winds developed behind a cold front during the afternoon hours of the 11th. Wind gusts of 35-40 mph were observed, and resulted in at least one tree being knocked down, and at least one power pole/lines being knocked over.

CULLMAN COUNTY --- 3.3 SE LORETTO [34.03, -86.88]				
	04/18/24 14:30 CST		0	Hail (0.88 in)
	04/18/24 14:30 CST		0	Source: Emergency Manager

Nickel sized hail was reported in Dodge City.

CULLMAN COUNTY --- 2.8 SE LORETTO [34.04, -86.89]				
	04/18/24 14:40 CST		0	Thunderstorm Wind (EG 52 kt)
	04/18/24 14:40 CST		0	Source: Public

Trees were knocked down in Dodge City.

CULLMAN COUNTY --- 0.7 SW HANCEVILLE [34.06, -86.78]				
	04/18/24 14:53 CST		1K	Thunderstorm Wind (EG 52 kt)
	04/18/24 14:53 CST		0	Source: Public

Trees and power lines were knocked down near the intersection of Section Line and Magnolia Avenue.

CULLMAN COUNTY --- 0.9 NW HANCEVILLE [34.08, -86.78]				
	04/18/24 14:55 CST		0	Hail (0.75 in)
	04/18/24 14:55 CST		0	Source: Public

Reported via mPING network.

CULLMAN COUNTY --- 0.8 NNE CENTER HALL [34.09, -86.72]				
	04/18/24 15:02 CST		0	Hail (1.00 in)
	04/18/24 15:02 CST		0	Source: Broadcast Media

Quarter sized hail was reported in Center Hill.

An isolated severe thunderstorm moved northeast across southwest through central Cullman County. The thunderstorm produced hail up to the size of quarters and produced sporadic wind damage.

FRANKLIN COUNTY --- 0.7 N RUSSELLVILLE [34.53, -87.73]				
	04/19/24 05:12 CST		0	Hail (1.00 in)
	04/19/24 05:12 CST		0	Source: Emergency Manager

Quarter sized hail was reported north of Russellville. Time estimated by radar.

A line of thunderstorms developed during the predawn hours in northwest Alabama. The thunderstorms formed ahead of a southeast moving cold front. One of the thunderstorms became severe and produced large hail in Franklin County.

ALABAMA, Southeast

DALE COUNTY --- 0.7 S WATERFORD [31.34, -85.61]				
	04/03/24 01:00 CST		0	Thunderstorm Wind (EG 50 kt)
	04/03/24 01:00 CST		0	Source: Utility Company

A tree was blown down.

COFFEE COUNTY --- 1.2 W COPPINVILLE [31.30, -85.83]				
	04/03/24 01:20 CST		2K	Thunderstorm Wind (EG 50 kt)
	04/03/24 01:20 CST		0	Source: 911 Call Center

A power line was blown down on Whispering Pines Dr between Maxwell St and Pinedale Dr.

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HOUSTON COUNTY --- 1.4 WSW SOUTHERN JUNCTION [31.01, -85.48]	04/03/24 02:41 CST		0	Thunderstorm Wind (EG 50 kt)
	04/03/24 02:41 CST		0	Source: 911 Call Center

There were reports of downed trees along Highway 109 near the FL and AL state line.

Clusters of strong to severe storms moved across the tri-state area during the early morning hours of April 3. The main impact was damaging winds with scattered reports of trees and power lines down. A couple of measured wind gusts of 60 mph or greater occurred in Bay County, FL.

HOUSTON COUNTY --- 2.2 NNW WEBB [31.29, -85.29]	04/10/24 16:00 CST		0	Thunderstorm Wind (EG 50 kt)
	04/10/24 16:00 CST		0	Source: 911 Call Center

A tree was blown down at Bill Yance Road across both lanes in Webb.

HOUSTON COUNTY --- 1.4 WSW REHOBETH [31.12, -85.45], 1.2 WSW REHOBETH [31.12, -85.45], 1.5 WSW REHOBETH [31.12, -85.45], 1.6 WSW REHOBETH [31.12, -85.46]	04/10/24 18:40 CST		0	Flash Flood (due to Heavy Rain)
	04/10/24 21:30 CST		0	Source: Emergency Manager

There were two roads in the Rehobeth area that had around 4 inches of water running across them.

Clusters of thunderstorms moved across the tri-state area during the afternoon on April 10th. While most of the wind damage and significant flash flooding occurred across portions of northwest Florida and southern Georgia, there was a report of a tree blown down as well as some brief flash flooding in Houston County, AL as well.

ALABAMA, Southwest

(AL-Z265) MOBILE COASTAL, (AL-Z266) BALDWIN COASTAL	04/10/24 09:00 CST		0	Coastal Flood
	04/10/24 13:00 CST		0	

BALDWIN COUNTY --- 2.0 E FT MORGAN [30.23, -87.99]	04/10/24 10:38 CST		0	Hail (1.00 in)
	04/10/24 10:40 CST		0	Source: Broadcast Media

BALDWIN COUNTY --- 4.0 WSW GASQUE [30.23, -87.88]	04/10/24 10:38 CST		0	Hail (1.00 in)
	04/10/24 10:40 CST		0	Source: Broadcast Media

BALDWIN COUNTY --- MAGNOLIA SPGS [30.40, -87.78]	04/10/24 10:50 CST		0	Hail (1.00 in)
	04/10/24 10:52 CST		0	Source: Broadcast Media

MOBILE COUNTY --- 1.0 SSW SEMMES [30.77, -88.26]	04/10/24 11:06 CST		0	Thunderstorm Wind (EG 52 kt)
	04/10/24 11:08 CST		0	Source: NWS Employee

High winds downed multiple trees on powerlines.

MOBILE COUNTY --- 2.0 NNE TILLMANS CORNER [30.61, -88.12]	04/10/24 11:08 CST		0	Thunderstorm Wind (EG 52 kt)
	04/10/24 11:10 CST		0	Source: NWS Employee

High winds downed multiple trees near Halls Mill Road and Old Pascagoula Road.

MOBILE COUNTY --- 1.9 WSW SPRING HILL [30.69, -88.18]				
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	04/10/24 11:10 CST		0	Thunderstorm Wind (EG 61 kt)
	04/10/24 11:12 CST		0	Source: NWS Employee

High winds downed a large tree on the campus of the University of South Alabama.

MOBILE COUNTY --- 2.7 N GEORGETOWN [30.92, -88.27], 2.8 N GEORGETOWN [30.92, -88.28]

04/10/24 11:20 CST	0	Tornado (EF1, L: 0.19 mi , W: 25 yd)
04/10/24 11:21 CST	0	Source: NWS Storm Survey

Brief EF-1 tornado begun on Brighton Ct removing a home's roof. It appears the roof was removed due to a garage door failure leading to almost complete removal. An exterior wall in the garage was bowed out; however, a lower wind speed was assigned due to the failure mode being the garage door and absolute lack of any other damage surrounding the house. The tornado then crossed northwest across Brighton Dr and dissipated near Brandy Ct while snapping some large hardwood branches and a fence blown inward resulting in a convergent path.

MOBILE COUNTY --- 3.0 SSW (BFM)MOBILE BROOKLEY [30.58, -88.07]

04/10/24 11:22 CST	0	Thunderstorm Wind (MG 53 kt)
04/10/24 11:22 CST	0	Source: Mesonet

MOBILE COUNTY --- 1.0 NNE GEORGETOWN [30.89, -88.26]

04/10/24 11:23 CST	0	Thunderstorm Wind (EG 52 kt)
04/10/24 11:25 CST	0	Source: Public

Photos relayed on social media of roof damage to a home off Georgetown Churchula Rd.

A severe line of thunderstorms moved across the Gulf Coast during the day. This line of storms produced large and damaging winds along with a couple of tornadoes.

ESCAMBIA COUNTY --- 6.7 NW KIRKLAND [31.24, -87.12]

04/20/24 17:33 CST	0	Hail (1.75 in)
04/20/24 17:33 CST	0	Source: Broadcast Media

Quarter to golf ball sized hail reported by public to media.

A severe thunderstorm occurred in Escambia County, Alabama that produced severe hail up to golf ball size.