

Storm Data and Unusual Weather Phenomena - July 2024

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

ALABAMA, Central

(AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z015) WALKER

07/09/24 00:00 CST	0	Drought
07/31/24 23:59 CST	0	

Dry conditions across north and central Alabama during the month of June led to the onset of drought conditions by early July. Some areas quickly progressed to Severe (D2) and even Extreme (D3) drought during the month. However, an increase in rainfall area-wide during the latter half of July resulted in marked improvements in drought conditions by the beginning of August.

(AL-Z011) MARION, (AL-Z014) WINSTON, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z022) PICKENS

07/16/24 00:00 CST	0	Drought
07/30/24 00:00 CST	0	

Dry conditions across north and central Alabama during the month of June led to the onset of drought conditions by early July. Some areas quickly progressed to Severe (D2) and even Extreme (D3) drought during the month. However, an increase in rainfall area-wide during the latter half of July resulted in marked improvements in drought conditions by the beginning of August.

TALLADEGA COUNTY --- 0.6 NE CHILDERSBURG [33.28, -86.36]

07/17/24 13:47 CST	0	Thunderstorm Wind (EG 50 kt)
07/17/24 13:52 CST	0	Source: Emergency Manager

A few trees were downed in Childersburg, with some falling on power lines and blocking roadways.

TALLADEGA COUNTY --- 0.1 SSE SYLACAUGA [33.17, -86.25]

07/17/24 14:01 CST	0	Thunderstorm Wind (EG 50 kt)
07/17/24 14:06 CST	0	Source: Emergency Manager

A few trees were downed in Sylacauga, with some falling on power lines and blocking roadways.

TALLAPOOSA COUNTY --- 1.5 WNW RUSSEL MILLS [32.94, -86.00], 4.2 NNW ALEXANDER CITY [33.01, -85.99]

07/17/24 14:23 CST	0	Thunderstorm Wind (EG 50 kt)
07/17/24 14:29 CST	0	Source: Emergency Manager

Trees were down blocking roadways along Robinson Rd and Pearson Chapel Rd in far western Tallapoosa County.

ELMORE COUNTY --- 1.2 ENE MAN [32.51, -86.25]

07/18/24 15:32 CST	0	Thunderstorm Wind (EG 52 kt)
07/18/24 15:36 CST	0	Source: Emergency Manager

Numerous trees were uprooted in an apparent microburst in Fort Toulouse -Fort Jackson State Historical Park. Large pine trees temporarily blocked the main entrance to the park.

TUSCALOOSA COUNTY --- 0.7 S COTTONDALE [33.17, -87.45]

07/18/24 15:36 CST	1K	Thunderstorm Wind (EG 43 kt)
07/18/24 15:39 CST	0	Source: Trained Spotter

A few trees were blown down, and billboards along I-20/59 near Buttermilk Road were damaged.

West-southwesterly flow over Central Alabama with ample moisture return and DCAPE values exceeding 800 J/kg resulted in scattered showers and thunderstorms. A few of the storms were intense enough to produce isolated areas of damage, notably in Talladega County on July 17 and Elmore and Tuscaloosa counties on July 18.

LEE COUNTY --- 0.7 SE MOTTS [32.56, -85.12]

07/20/24 18:45 CST	1	0		Lightning
07/20/24 18:46 CST	0	0		Source: Emergency Manager

A lightning strike at the Lee County Flea Market in Smiths Station at approximately 12:45 PM CDT resulted in a fatality.

Direct Fatalities: M67OU

Heavy thunderstorm activity over Lee County during the early afternoon hours produced a lightning strike at the Lee County Flea Market

Storm Data and Unusual Weather Phenomena - July 2024

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

in Smiths Station which resulted in a fatality.

MARION COUNTY --- 2.6 WNW SHOTTSVILLE [34.28, -88.17], 6.7 SSW BEXAR [34.09, -88.20], 4.5 ESE HAMILTON [34.09, -87.91], 1.1 NW WIGINTON [34.29, -87.88]

07/28/24 13:00 CST		0		Flash Flood (due to Heavy Rain)
07/28/24 16:00 CST		0		Source: Public

A few roads were flooded and temporarily impassable in Hamilton and parts of northwestern Marion County, including Academy Dr.

JEFFERSON COUNTY --- 1.5 NW COOLEY [33.48, -86.65], 5.3 ESE KIMBREL [33.25, -86.99], 0.8 WSW JOHNS [33.37, -87.13], 0.8 N MOUNTAIN BROOK [33.51, -86.75]

07/28/24 15:00 CST		0		Flash Flood (due to Heavy Rain)
07/28/24 18:00 CST		0		Source: Emergency Manager

Numerous reports of flooded roadways, homes, and businesses were received across parts of southern and western Jefferson County, including Cahaba Heights, Vestavia Hills, Homewood, Hoover, Midfield, Hueytown, and McCalla. Several roads were temporarily impassable, including Interstate 459 at Interstate 59/20 in McCalla and U.S. Highway 31 in Homewood.

JEFFERSON COUNTY --- 2.2 NNE VESTAVIA HILLS [33.43, -86.77]

07/28/24 16:00 CST		1K		Thunderstorm Wind (EG 35 kt)
07/28/24 16:10 CST		0		Source: Fire Department/Rescue

Heavy rainfall and gusty winds resulted in a few trees falling in the Hoover, Vestavia Hills, and Cahaba Heights areas, with some bringing down power lines as well.

SHELBY COUNTY --- 1.3 SW ARGYLE [33.31, -86.64]

07/28/24 17:20 CST		10K		Lightning
07/28/24 17:21 CST		0		Source: Public

A residence along Rabbit Run sustained damage from a fire resulting from a lightning strike. The owner witnessed a lightning flash followed by a sparking TV and burning odor. No reported injuries. A lightning strike was confirmed via lightning network data and the residence was surveyed by the fire marshal.

CHEROKEE COUNTY --- 2.2 E CEDAR BLUFF [34.22, -85.56], 0.0 W CENTRE [34.15, -85.68]

07/29/24 16:40 CST		0		Thunderstorm Wind (EG 50 kt)
07/29/24 16:58 CST		0		Source: Emergency Manager

A few trees and tree limbs were downed along roadways in the Cedar Bluff, Leesburg, and Centre areas. This included a couple tall pine trees that were downed across a driveway at a residence along County Road 131 near Cedar Bluff.

A deep moisture profile and an increase of deep-layer shear over Central Alabama on July 28 resulted in very efficient rainfall occurring over central and northern parts of the region. Precipitable water values of 2.1 to 2.2 inches aided high instantaneous rain rates, at times on the order of 5-7 in/hr. Sporadic flooding occurred in Marion County during the early afternoon as two rounds of heavy rainfall moved through the area. By late afternoon, training thunderstorms over the Cahaba Heights area quickly flooded area homes and streets before another, much larger, round of thunderstorms overtook Jefferson County from the west. Many of the southern and western suburbs of Birmingham experienced flooding of homes and roadways during the early evening hours as 3-5 inches of rain fell across these areas.

The next day, an MCS tracking into northeast Alabama from Tennessee resulted in several trees being blown down in Cherokee County, especially the Centre and Cedar Bluff areas.

ALABAMA, North

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

07/03/24 12:00 CST		0		Heat
07/03/24 18:00 CST		0		

(AL-Z002) COLBERT

07/03/24 15:00 CST		0		Excessive Heat
07/03/24 16:00 CST		0		

Storm Data and Unusual Weather Phenomena - July 2024

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

Heat index values reached 105 to 109 degrees in north central and northwest Alabama. The heat index reached 110 degrees briefly in Muscle Shoals.

(AL-Z001) LAUDERDALE, (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	07/04/24 10:00 CST	0	Heat
	07/04/24 19:00 CST	0	

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z016) CULLMAN	07/04/24 12:00 CST	0	Excessive Heat
	07/04/24 16:00 CST	0	

Heat index values reached 105 to 109 degrees for much of the late morning and afternoon hours in north central and northwest Alabama. The heat index peaked at 110 to 112 degrees for a few hours during the mid afternoon.

COLBERT COUNTY --- 1.7 W COLBERT HGTS [34.67, -87.73]	07/05/24 06:29 CST	1K	Thunderstorm Wind (EG 48 kt)
	07/05/24 06:29 CST	0	Source: State Official

A tree was knocked down at the intersection of Underwood Mountain road and New Cut road. Time was estimated from radar.

LAUDERDALE COUNTY --- 0.6 W NORTH FLORENCE [34.83, -87.69]	07/05/24 06:45 CST	1K	Thunderstorm Wind (EG 43 kt)
	07/05/24 06:45 CST	0	Source: Broadcast Media

A large tree limb was knocked down onto a residence and power lines on Seymore Avenue. Time was estimated by nearby observations.

COLBERT COUNTY --- 2.4 ESE LITTLEVILLE [34.57, -87.63]	07/05/24 07:08 CST	5K	Thunderstorm Wind (EG 52 kt)
	07/05/24 07:08 CST	0	Source: State Official

A power pole was knocked over at 1205 Bethlehem Church road. Time was estimated from radar.

MADISON COUNTY --- 0.6 E MONROVIA [34.77, -86.71]	07/05/24 08:05 CST	1.50K	Thunderstorm Wind (EG 48 kt)
	07/05/24 08:05 CST	0	Source: Utility Company

A tree was knocked down onto power lines causing an outage in the area of Bishop Road and South View Drive. Time was estimated by radar.

A loosely organized line of thunderstorms pushed southeast through north Alabama well ahead of a weak cold front. The thunderstorms produced gust fronts and outflow winds which produced isolated wind damage in 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	07/08/24 11:00 CST	0	Heat
	07/08/24 17:00 CST	0	

Heat index values reached 105 to 108 degrees in a few locations during the afternoon hours in north central and northwest Alabama.

MORGAN COUNTY --- 0.6 W FALKVILLE [34.37, -86.91]	07/08/24 17:05 CST	5K	Thunderstorm Wind (EG 56 kt)
	07/08/24 17:15 CST	0	Source: Emergency Manager

Trees were reported knocked down and blocking roads at multiple locations in the Falkville area.

MORGAN COUNTY --- 2.2 NW BELL SPGS [34.34, -86.95]	07/08/24 17:05 CST	2K	Thunderstorm Wind (EG 56 kt)
	07/08/24 17:15 CST	0	Source: Emergency Manager

A tree and power lines were reported down along West Lacon Road and Burney Road.

Storm Data and Unusual Weather Phenomena - July 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COLBERT COUNTY --- 0.6 W LITTLEVILLE [34.58, -87.68]				
	07/08/24 17:17 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/08/24 17:17 CST		0	Source: State Official
A tree was reported down along Ligon Springs Road.				
CULLMAN COUNTY --- 0.7 N NORTH VINEMONT [34.29, -86.85]				
	07/08/24 17:50 CST		1K	Thunderstorm Wind (EG 52 kt)
	07/08/24 17:50 CST		0	Source: Emergency Manager
A tree was reported down along county road 1386.				
<p>A cold front north of the area pushed south into southern middle Tennessee and northern Alabama afternoon hours on the 8th. Isolated to scattered strong to severe thunderstorms early in the afternoon became more numerous and concentrated near and south of this cold front as it pushed south. Portions of northern Alabama experienced severe damaging winds gusts, particularly in the Falkville area of Morgan county.</p>				
(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z009) JACKSON				
	07/09/24 00:00 CST		0	Drought
	07/31/24 00:00 CST		0	
D2 Drought conditions developed in early July thanks to less than normal rainfall for the area. Should drier conditions persist, drought conditions will worsen this Summer.				
(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN				
	07/09/24 11:00 CST		0	Heat
	07/09/24 15:00 CST		0	
Heat index values reached 105 degrees in a few locations during the afternoon hours.				
(AL-Z002) COLBERT, (AL-Z004) LAWRENCE, (AL-Z008) MARSHALL, (AL-Z010) DEKALB, (AL-Z016) CULLMAN				
	07/16/24 00:00 CST		0	Drought
	07/31/24 00:00 CST		0	
D2 Drought Conditions expanded in mid-July to include more counties in North Central Alabama. Conditions will continue to deteriorate with lower than normal rainfall across the region.				
(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON				
	07/16/24 00:00 CST		0	Drought
	07/30/24 00:00 CST		0	
Drought conditions worsened across the area and D3 conditions were introduced for portions of the area. In addition, D2 expanded into other areas as well.				
(AL-Z001) LAUDERDALE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON				
	07/16/24 00:00 CST		0	Drought
	07/30/24 00:00 CST		0	
Thanks to some late-month rainfall for the area, drought conditions have improved somewhat compared to last week. D3 Conditions were removed and replaced with D2, and with the continued expected rainfall, conditions will continue to improve in the coming weeks.				
(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z007) MORGAN				
	07/16/24 11:00 CST		0	Heat
	07/16/24 15:00 CST		0	
Heat index values reached 106 to 107 degrees for a brief period.				
MADISON COUNTY --- 1.7 W HUNTSVILLE MILLS ARP [34.75, -86.58]				
	07/16/24 14:30 CST		0.40K	Thunderstorm Wind (EG 43 kt)
	07/16/24 14:30 CST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - July 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Railroad crossing bar was bent by the wind over a railroad crossing lighted signal structure.				
COLBERT COUNTY --- 2.0 ENE CROOKED OAK [34.59, -87.77]				
	07/16/24 16:40 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/16/24 16:40 CST		0	Source: Emergency Manager
A decaying outflow boundary from strong storms moved north and knocked down a tree at the intersection of Indian Springs Circle and Underwood Mountain Road.				
COLBERT COUNTY --- 1.5 WSW MARGERUM [34.76, -88.09]				
	07/16/24 16:45 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/16/24 16:45 CST		0	Source: Emergency Manager
A decaying outflow boundary from strong storms moved north and knocked down a tree at the intersection Allsboro road and highway 72.				
Multiple trough axes moved across northern Alabama during the morning into the afternoon hours on the 16th producing multiple rounds of at least scattered strong thunderstorms. A few of the thunderstorms that developed ahead of one of these boundaries in the afternoon hours produced some damaging winds.				
(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN				
	07/17/24 11:00 CST		0	Heat
	07/17/24 14:00 CST		0	
Heat index values reached 105 to 107 degrees.				
LIMESTONE COUNTY --- 0.9 SE HAYS MILL [34.86, -86.97]				
	07/17/24 13:43 CST		8K	Thunderstorm Wind (EG 52 kt)
	07/17/24 13:43 CST		0	Source: Emergency Manager
Multiple trees were reported down along highway 127 and Hays Mill road.				
JACKSON COUNTY --- 2.9 ESE SECTION [34.57, -85.93]				
	07/17/24 14:06 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/17/24 14:06 CST		0	Source: Emergency Manager
A tree was reported down along CR 368 near Dutton.				
MORGAN COUNTY --- 1.8 NE MT TABOR [34.45, -86.85]				
	07/17/24 14:06 CST		1K	Thunderstorm Wind (EG 39 kt)
	07/17/24 14:06 CST		0	Source: Emergency Manager
A tree was reported down along highway 36 and Perkins Wood road.				
MORGAN COUNTY --- 2.9 ESE OAK RIDGE [34.47, -86.95]				
	07/17/24 14:06 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/17/24 14:06 CST		0	Source: Emergency Manager
A tree was reported down along Collier Drive in Hartselle.				
MADISON COUNTY --- 1.0 ESE MANLEY XRDS [34.67, -86.78]				
	07/17/24 14:23 CST		3K	Thunderstorm Wind (EG 48 kt)
	07/17/24 14:23 CST		0	Source: Public
A picture was taken of a power pole that was broken near its base near this location off of interstate 565.				
JACKSON COUNTY --- 0.6 W LETCHER [34.75, -86.18]				
	07/17/24 14:32 CST		8K	Thunderstorm Wind (EG 52 kt)
	07/17/24 14:32 CST		0	Source: Emergency Manager
Multiple trees and power lines were reported down on the 1300 block of CR 8 in Woodville.				

Storm Data and Unusual Weather Phenomena - July 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Scattered to numerous showers and strong to severe thunderstorms developed during the early afternoon hours ahead of a pre-frontal trough axis moving into central Tennessee and NW Alabama. Some of these produced widespread damaging wind damage in portions of Limestone and Jackson counties.</p>				
<hr/>				
MORGAN COUNTY --- 1.1 ESE COLE SPGS [34.34, -86.81]				
	07/19/24 09:35 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/19/24 09:35 CST		0	Source: Emergency Manager
<p>A tree was reported down on Highway 55 E at this location blocking the roadway.</p>				
<hr/>				
JACKSON COUNTY --- 0.6 NE LARKINSVILLE [34.69, -86.12]				
	07/19/24 11:21 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/19/24 11:21 CST		0	Source: Emergency Manager
<p>A tree was reported down on CR 17 near Alabama highway 35.</p>				
<hr/>				
DEKALB COUNTY --- 4.0 SSE DOG TOWN [34.30, -85.70]				
	07/19/24 13:15 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/19/24 13:15 CST		0	Source: Emergency Manager
<p>A tree was reported down at the intersection of CR 275 and CR 38 near Powell.</p>				
<p>A complex of showers and strong thunderstorms moved east across northern Alabama from the early morning hours into the early afternoon hours. A few of these storms produced damaging winds.</p>				
<hr/>				
LIMESTONE COUNTY --- 5.3 SW WHEELER LAKE NORTH [34.78, -87.22]				
	07/21/24 11:15 CST		0	Funnel Cloud
	07/21/24 11:15 CST		0	Source: Broadcast Media
<p>A funnel cloud was photographed at Lucy's Branch Marina. From the photograph, it looked like it was possibly over Wheeler Reservoir.</p>				
<hr/>				
MORGAN COUNTY --- 3.5 WNW BASHAM [34.53, -87.08]				
	07/21/24 17:27 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/21/24 17:27 CST		0	Source: Emergency Manager
<p>A tree was reported down across the roadway at this location.</p>				
<hr/>				
MORGAN COUNTY --- 3.2 WSW GRIFFIN ADDITION [34.56, -87.08]				
	07/21/24 17:30 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/21/24 17:30 CST		0	Source: Emergency Manager
<p>A tree was reported down across the road at West Chapel Hill Road and Old Moulton Road.</p>				
<hr/>				
MORGAN COUNTY --- 0.9 NE WINTON [34.53, -86.74]				
	07/21/24 18:16 CST		1K	Thunderstorm Wind (EG 48 kt)
	07/21/24 18:16 CST		0	Source: Emergency Manager
<p>A tree was knocked down and blocking the roadway on Sharp Ford Road at this location. Time was estimated by radar.</p>				
<p>Scattered strong to severe thunderstorms developed along and ahead of a boundary moving east across northern Alabama and southern middle Tennessee. Some of these storms produced sporadic wind damage in Morgan county, AL along with a funnel cloud in southwestern Limestone county.</p>				
<hr/>				
COLBERT COUNTY --- 1.8 NNW COLBERT HGTS [34.70, -87.71]				
	07/23/24 09:18 CST		1K	Thunderstorm Wind (EG 35 kt)
	07/23/24 09:18 CST		0	Source: 911 Call Center
<p>A tree was reported down at this location near Milk Springs road in Tuscumbia.</p>				
<p>Scattered storms (a few supercells) produced strong and gusty winds over north Alabama during the late morning hours ahead of/along a trough axis ahead of a frontal boundary north of the area. Isolated tree damage was reported in the Tuscumbia area with a small weakly bowing line of storms.</p>				

Storm Data and Unusual Weather Phenomena - July 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COLBERT COUNTY --- 1.7 WNW BARTON [34.74, -87.91]				
	07/27/24 15:12 CST		3K	Thunderstorm Wind (EG 43 kt)
	07/27/24 15:12 CST		0	Source: 911 Call Center
A power pole was reported leaning at the intersection of Old Lee highway and Water street.				
COLBERT COUNTY --- 1.0 NNW CHEROKEE [34.76, -87.98]				
	07/27/24 15:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/24 15:15 CST		0	Source: 911 Call Center
A tree was reported down on Gilbert Street.				
Scattered to numerous strong thunderstorms developed along a stationary frontal boundary stretching from northwestern Alabama into southeastern Alabama during the afternoon hours. A few of these storms produced strong wind gusts caused isolated wind damage in Colbert county.				
COLBERT COUNTY --- 2.8 NE CHEROKEE [34.78, -87.94]				
	07/28/24 09:45 CST		1K	Thunderstorm Wind (EG 39 kt)
	07/28/24 09:45 CST		0	Source: 911 Call Center
A tree was reported down at the intersection of Moody Lane adn Mulberry Lane.				
MORGAN COUNTY --- 1.8 SE GUM POND [34.31, -86.65]				
	07/28/24 10:56 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/28/24 10:56 CST		0	Source: Emergency Manager
A tree was knocked down at 213 Bryant Road blocking the road completely. Time was estimated from radar.				
Scattered to numerous thunderstorms developed along a stationary frontal boundary oriented in a north/south manner through eastern Alabama through much of the day. This produced isolated strong thunderstorms that produced some damaging wind gusts that knocked down a few trees.				
MADISON COUNTY --- 0.3 SE GURLEY [34.70, -86.38]				
	07/29/24 15:22 CST		1K	Thunderstorm Wind (EG 39 kt)
	07/29/24 15:22 CST		0	Source: Emergency Manager
A tree was reported down on Chruch Street. Time estimate from radar.				
COLBERT COUNTY --- 62.3 E FOSTERS MILL [34.67, -86.33]				
	07/29/24 15:26 CST		1K	Thunderstorm Wind (EG 39 kt)
	07/29/24 15:26 CST		0	Source: 911 Call Center
A tree was reported down on CR 237. Time was estimated from radar.				
JACKSON COUNTY --- 0.6 E PISGAH [34.68, -85.84]				
	07/29/24 15:26 CST		0	Thunderstorm Wind (EG 50 kt)
	07/29/24 16:02 CST		0	Source: Emergency Manager
Eight hundred customers were reported without power across Jackson county due to downed trees and powerlines.				
JACKSON COUNTY --- 0.6 E AVERY [34.87, -85.84]				
	07/29/24 15:35 CST		1K	Thunderstorm Wind (EG 43 kt)
	07/29/24 15:35 CST		0	Source: Public
One inch tree limbs were reported broken off of treess and some shingles were blown off a roof at this location off of Church Street.				
JACKSON COUNTY --- 1.4 SSW SCOTTSBORO MUNI ARPT [34.68, -86.01]				
	07/29/24 15:42 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/24 15:42 CST		0	Source: Emergency Manager
A tree was reported down at the intersection of Moody Ridge road and Snodgrass road. Time was estimated from radar.				

Storm Data and Unusual Weather Phenomena - July 2024

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

JACKSON COUNTY --- 1.3 ESE SCOTTSBORO [34.66, -86.01]

	07/29/24 15:43 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/24 15:43 CST		0	Source: Emergency Manager

A tree was reported down at the intersection of Windsor and Hood Avenue.

JACKSON COUNTY --- 3.6 SSW FLAT ROCK [34.72, -85.72]

	07/29/24 15:47 CST		0	Thunderstorm Wind (EG 52 kt)
	07/29/24 16:02 CST		0	Source: Emergency Manager

Two hundred customers were reported without power from Flat Rock south southwest to near the DeKalb /Jackson county line due to downed trees and powerlines.

JACKSON COUNTY --- 0.9 SW ROSLIE [34.69, -85.79]

	07/29/24 15:50 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/29/24 15:50 CST		0	Source: Public

One inch tree limbs were reported broken off trees and shingles blown off a roof at this location.

DEKALB COUNTY --- 1.8 ENE ELLIOT XRDS [34.63, -85.75]

	07/29/24 15:54 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/24 15:54 CST		0	Source: Emergency Manager

A tree fell on a car on highway 75 just north of highway 40 near Henegar.

DEKALB COUNTY --- 2.3 E SYLVANIA [34.57, -85.79]

	07/29/24 16:47 CST		0	Thunderstorm Wind (EG 52 kt)
	07/29/24 16:47 CST		0	Source: Emergency Manager

Six hundred customers were reported without power in the Sylvania and Geraldine communities due to downed trees and powerlines.

A Mesoscale Convective System (MCS) comprised of strong to severe thunderstorms moved southeast from central Tennessee into northern Alabama during the mid-afternoon hours on the 29th. Additional clusters of storms that developed ahead of this MCS merged with this activity in a moderately unstable atmosphere. This ended up producing a more defined MCS as it moved into Alabama, producing a large area of damaging winds in southeastern Jackson and northeastern DeKalb counties.

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

	07/30/24 09:00 CST		0	Heat
	07/30/24 19:00 CST		0	

Heat index values reached 105 to 108 degrees in a few locations during the afternoon hours in north central and 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

	07/31/24 11:00 CST		0	Heat
	07/31/24 18:00 CST		0	

Heat index values reached 105 to 108 degrees in a few locations during the afternoon hours in north central and northwest Alabama.

ALABAMA, Southeast

HOUSTON COUNTY --- 1.8 SW DOTHAN [31.20, -85.41]

	07/31/24 17:56 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/31/24 17:56 CST		0	Source: Social Media

A resident living by the Harley Davidson reported on social media that a large tree knocked over a power line.

Scattered thunderstorms developed during the afternoon hours in a typical summertime environment. A few stronger storms brought gusty winds and isolated impacts.

Storm Data and Unusual Weather Phenomena - July 2024

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

ALABAMA, Southwest

MOBILE COUNTY --- 0.4 WSW SARALAND [30.82, -88.08], SARALAND [30.82, -88.07], 0.2 SSE SARALAND [30.82, -88.07], 0.3 SW SARALAND [30.82, -88.07]

07/05/24 18:00 CST	0	Flash Flood (due to Heavy Rain)
07/05/24 20:00 CST	0	Source: Broadcast Media

Video of flash flooding in Saraland.

Heavy rain caused flooding in portions of southwest Alabama.

MOBILE COUNTY --- 1.7 WSW MOBILE [30.69, -88.11], 1.6 WSW MOBILE [30.69, -88.11], 1.6 WSW MOBILE [30.69, -88.10], 1.7 WSW MOBILE [30.69, -88.11]

07/25/24 14:30 CST	0	Flash Flood (due to Heavy Rain)
07/25/24 16:00 CST	0	Source: Public

Heavy rain caused flooding and road closures of Mobile and Tacon streets.

MOBILE COUNTY --- 1.9 NE COTTAGE HILL [30.67, -88.13], 1.9 NE COTTAGE HILL [30.67, -88.13], 1.8 NE COTTAGE HILL [30.67, -88.13], 1.9 NE COTTAGE HILL [30.67, -88.13]

07/25/24 14:56 CST	0	Flash Flood (due to Heavy Rain)
07/25/24 16:00 CST	0	Source: Public

Heavy rain caused flooding on Montlimar Drive adjacent to Briquettes.

MOBILE COUNTY --- 1.9 NE COTTAGE HILL [30.67, -88.13], 1.9 NE COTTAGE HILL [30.67, -88.13], 1.8 NE COTTAGE HILL [30.67, -88.13], 1.9 NE COTTAGE HILL [30.67, -88.13]

07/25/24 15:28 CST	0	Flash Flood (due to Heavy Rain)
07/25/24 16:00 CST	0	Source: Public

Heavy rain caused flooding on Bel Air Blvd neat Bel Air Mall.

Strong thunderstorms stalled across downtown Mobile and caused heavy rain and flooding.