

Storm Data and Unusual Weather Phenomena - February 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, North				
(AL-Z001) LAUDERDALE				
	02/01/23 14:00 CST		0	Winter Weather
	02/01/23 21:00 CST		0	
A band of precipitation across northwest Alabama fell in the form of light freezing rain and sleet in northern and western portions of Lauderdale County, north and west of the Florence area. Light ice and sleet accumulations were reported.				
(AL-Z005) LIMESTONE, (AL-Z006) MADISON				
	02/03/23 04:00 CST		0	Winter Weather
	02/03/23 08:00 CST		0	
Patchy black ice developed, especially on bridges and overpasses, during the early morning hours. This resulted in very slippery conditions in some areas during the morning commute. Multiple accidents occurred on Interstate 565 in Limestone into Madison Counties between Decatur and Huntsville.				
(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z008) MARSHALL, (AL-Z010) DEKALB				
	02/09/23 01:00 CST		47.50K	Strong Wind (MAX 48 kt)
	02/09/23 07:00 CST		0	
(AL-Z005) LIMESTONE, (AL-Z007) MORGAN				
	02/09/23 02:00 CST		7K	High Wind (MAX 51 kt)
	02/09/23 04:00 CST		0	
Windy conditions developed during the overnight hours as a weakening area of showers moved east across the area. A wake low developed at the back edge of the eroding precipitation area, resulting in very gusty winds and a few damage reports. Wind gusts of 40-50 mph were common. In fact, peak wind gusts of 59 mph and 53 mph were recorded at Pryor Field near Decatur and at Northwest Alabama Regional Airport in Muscle Shoals respectively. A 48 mph wind gust was recorded at the Albertville Municipal Airport.				
(AL-Z006) MADISON, (AL-Z009) JACKSON				
	02/12/23 04:00 CST		0	Winter Weather
	02/12/23 09:00 CST		0	
A powerful upper level low pressure system moved northeast through southern Alabama into central Georgia during the morning hours of the 12th. Widespread rainfall changed to wet snow for a brief period, mainly in the higher elevations above 1000 ft AGL elevation. This resulted in minor snow accumulations under one inch, mainly in grassy areas, of Jackson, DeKalb, Marshall and eastern Madison Counties.				
LAUDERDALE COUNTY --- 1.8 NW PETERSVILLE [34.87, -87.70], 1.5 WSW JACKSONBURG [34.87, -87.70], 2.0 W JACKSONBURG [34.88, -87.70], 2.0 NE MC GEE TOWN [34.87, -87.71]				
	02/16/23 17:10 CST		0	Flood (due to Heavy Rain)
	02/17/23 00:00 CST		0	Source: Emergency Manager
Report of flooding on Hwy 157 and County Road 57. Report relayed by EMA.				
COLBERT COUNTY --- 0.9 SE SHEFFIELD [34.76, -87.69], 0.7 SSE SHEFFIELD [34.76, -87.69], 0.9 SSE SHEFFIELD [34.76, -87.69], 1.0 SSE SHEFFIELD [34.76, -87.69]				
	02/16/23 17:57 CST		0	Flood (due to Heavy Rain)
	02/17/23 00:00 CST		0	Source: Emergency Manager
Flooding was reported at the intersection of Dover Avenue and 2nd Street. Depth of water unknown.				
MARSHALL COUNTY --- 2.7 WSW NORTH ARAB [34.33, -86.56], 2.4 WSW NORTH ARAB [34.33, -86.56], 2.5 S RUTH [34.33, -86.57], 2.8 S RUTH [34.33, -86.56]				
	02/16/23 19:10 CST		0	Flash Flood (due to Heavy Rain)
	02/17/23 01:00 CST		0	Source: Emergency Manager
Flash flooding along Hogjaw Road near Arab. Water covering the road, rising up to vehicle doors in some areas.				

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MARSHALL COUNTY --- 0.6 E ARAB [34.32, -86.49], 0.8 SW ARAB [34.31, -86.51], 1.1 NW ARAB [34.33, -86.51], 0.8 NNE ARAB [34.33, -86.50]				
	02/16/23 20:21 CST		0	Flood (due to Heavy Rain)
	02/17/23 01:00 CST		0	Source: Emergency Manager

Water covering several roadways and ditches overflowing in and around Downtown Arab.

JACKSON COUNTY --- 2.8 SSE DUTTON [34.58, -85.92], 1.6 SSE DUTTON [34.60, -85.92], 1.7 SSE DUTTON [34.60, -85.91], 2.9 SSE DUTTON [34.58, -85.91]				
	02/16/23 20:40 CST		0	Flash Flood (due to Heavy Rain)
	02/17/23 02:00 CST		0	Source: Emergency Manager

Deep moving water reported over the roadway on the 2300 Block of County Road 47.

CULLMAN COUNTY --- 2.9 WSW CULLMAN [34.17, -86.88], 2.2 W CULLMAN [34.18, -86.87], 2.5 WSW CULLMAN [34.16, -86.87], 3.1 WSW CULLMAN [34.17, -86.88]				
	02/16/23 20:50 CST		0	Flood (due to Heavy Rain)
	02/17/23 02:00 CST		0	Source: Emergency Manager

Both North and Southbound lanes of I-65 shut down near MM 308 due to flash flooding. About a foot of water over the roadway. Numerous other roads are flooded in Cullman County.

Rainfall amounts of 2.5-4" fell over the course of a few hours on the evening of February 16th. Widespread flooding occurred across portions of Cullman, Marshall, and into portions of Jackson and Dekalb Counties. Parts of I-65 were shut down, and several water rescues occurred in Cullman County that evening thanks to thunderstorms repeatedly moving across these areas in a very warm and moist airmass for mid-February.

(AL-Z002) COLBERT, (AL-Z007) MORGAN				
	02/27/23 12:00 CST		2.50K	Strong Wind (MAX 45 kt)
	02/27/23 17:00 CST		0	
(AL-Z006) MADISON				
	02/27/23 15:00 CST		2K	High Wind (MAX 50 kt)
	02/27/23 17:00 CST		0	

Southwest to west winds behind a cold front increased to 25 to 35 mph, with gusts over 50 mph in a few locations. A peak gust of 58 mph was reported at Huntsville at 356 pm and 52 mph at Muscle Shoals at 202 pm. Power outages were reported in south Huntsville and a string of traffic lights were knocked down in Decatur on Beltline Road.