

Storm Data and Unusual Weather Phenomena - January 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
PICKENS COUNTY --- 0.3 WNW UNION CHAPEL [33.20, -88.13]				
	01/03/15 16:04 CST	0		Thunderstorm Wind (EG 50 kt)
	01/03/15 16:05 CST	0		Source: Emergency Manager
Numerous trees uprooted along Franconia Road between Aliceville and Carrollton.				
SUMTER COUNTY --- 0.6 E CUBA [32.43, -88.37], 1.2 ENE CUBA [32.44, -88.36]				
	01/03/15 16:06 CST	0		Tornado (EF0, L: 0.67 mi , W: 100 yd)
	01/03/15 16:08 CST	0		Source: NWS Storm Survey
National Weather Service Meteorologists surveyed damage in Sumter County and confirmed a weak tornado . The tornado touched down just west of Pretty Branch Road along the Norfolk Southern Railroad, about 0.5 miles east of Cuba. The tornado tracked northeast downing several large hardwoods and caused damage to the roof and anchoring system of a manufactured home as it crossed Pretty Branch Road and the railroad track. The tornado moved parallel to the railroad track downing approximately one dozen trees. The tornado lifted just west of Old Livingston Road.				
PICKENS COUNTY --- 3.5 N REFORM [33.43, -88.01]				
	01/03/15 16:23 CST	0		Thunderstorm Wind (EG 50 kt)
	01/03/15 16:23 CST	0		Source: Emergency Manager
Several trees uprooted in the Friendship Community.				
SUMTER COUNTY --- 2.7 WSW BODKA [32.81, -88.29], 1.9 W BODKA [32.82, -88.28]				
	01/03/15 16:36 CST	0		Tornado (EF1, L: 1.23 mi , W: 200 yd)
	01/03/15 16:37 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Sumter County and confirmed a tornado . The tornado touched down along State Highway 116 between Old Bodka Road and State Highway 17. The tornado traveled northeast and lifted near Old Bodka Road and Bodka Creek. The most concentrated damage was near Old Bodka Road where hundreds of trees were snapped off or uprooted .				
GREENE COUNTY --- 3.9 NW WEST GREENE [32.96, -88.13], 2.9 SSW RIDGE [32.98, -88.12]				
	01/03/15 16:55 CST	0		Tornado (EF1, L: 1.61 mi , W: 400 yd)
	01/03/15 16:57 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Greene County and confirmed the damage was produced by a tornado . The tornado touched down on County Road 117, south of County Road 115. The tornado nearly paralleled County Road 117 for its entire duration with damage on both side of the road. Damage was light at the beginning of the path with only branches off trees . The damage intensified along the path and dozens of hardwoods and softwoods were snapped off or uprooted . One home had a large tree fall on it causing major damage. One mobile home suffered minor skirting damage and a few outbuildings were damaged.				
LAMAR COUNTY --- 4.7 NNW MOLLOY [33.79, -88.23]				
	01/03/15 16:59 CST	0		Thunderstorm Wind (EG 50 kt)
	01/03/15 16:59 CST	0		Source: Emergency Manager
Numerous trees uprooted on County Road 21 just south of County Road 26.				
LAMAR COUNTY --- 3.6 SW VERNON LAMAR CO ARPT [33.79, -88.16]				
	01/03/15 17:02 CST	0		Thunderstorm Wind (EG 50 kt)
	01/03/15 17:02 CST	0		Source: Emergency Manager
Numerous trees uprooted near the intersection of Aberdeen Road and Holiday Road.				
GREENE COUNTY --- 6.8 NNE SNODDY [33.12, -87.84], 7.2 NNE SNODDY [33.13, -87.84]				
	01/03/15 17:19 CST	0		Tornado (EF0, L: 0.39 mi , W: 100 yd)
	01/03/15 17:20 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Greene County and confirmed a weak tornado . The tornado touched down near the Greene-Tuscaloosa County Line just south of the Jena Community . The initial touchdown was along Shiloh Road where trees were uprooted. The tornado traveled northeast and crossed into Tuscaloosa County .				

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TUSCALOOSA COUNTY --- 6.7 NW RALPH [33.13, -87.84], 7.0 NNW RALPH [33.14, -87.83]				
	01/03/15 17:20 CST		0	Tornado (EF0, L: 0.88 mi , W: 100 yd)
	01/03/15 17:21 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in Tuscaloosa County and confirmed a weak tornado . The tornado entered Tuscaloosa County from Greene County about one-quarter of a mile south of Homestead Road. Two homes suffered roof damage and several outbuildings were damaged or destroyed. The tornado lifted just north of Romulus Road.				
MARION COUNTY --- 3.6 NW TWIN [34.04, -87.89], 4.4 NNW TWIN [34.06, -87.87]				
	01/03/15 17:22 CST		0	Thunderstorm Wind (EG 65 kt)
	01/03/15 17:25 CST		0	Source: NWS Storm Survey
Numerous trees uprooted and power lines downed beginning near the intersection of County Road 45 south of Highway 78 and continuing northeast along County Road 45 to the community of Pea Ridge.				
MARION COUNTY --- 1.6 ENE PLEASANT RIDGE [34.18, -87.95], 1.9 ENE PLEASANT RIDGE [34.18, -87.95]				
	01/03/15 17:23 CST		0	Tornado (EF0, L: 0.28 mi , W: 60 yd)
	01/03/15 17:24 CST		0	Source: NWS Storm Survey
National Weather Service Meteorologists surveyed damage in Marion County near the city of Hamilton and confirmed a weak tornado . The tornado touched down near the intersection of Highway 43 and Beecher Street, about 3 miles northeast of Hamilton. The tornado path was all on the southeast side of Highway 43/17. One home suffered roof and shingle damage, and several trees were uprooted. Some of the debris was thrown several hundred yards downstream.				
MARION COUNTY --- 3.9 NW BRINN [34.20, -87.85]				
	01/03/15 17:29 CST		0	Thunderstorm Wind (EG 55 kt)
	01/03/15 17:29 CST		0	Source: NWS Storm Survey
Barn damaged on County Road 108 Near Highway 253. Several trees also uprooted along Highway 253.				
TUSCALOOSA COUNTY --- 0.7 N BOX SPGS [33.21, -87.48]				
	01/03/15 17:50 CST		0	Thunderstorm Wind (EG 43 kt)
	01/03/15 17:50 CST	1	0	Source: Broadcast Media
A tree fell on a house along 6th Street East. A three year old boy was taken to local hospital for minor injuries.				
WINSTON COUNTY --- 0.0 NW HALEYVILLE POSEY ARP [34.28, -87.60]				
	01/03/15 17:52 CST		0	Thunderstorm Wind (MG 51 kt)
	01/03/15 17:52 CST		0	Source: Mesonet
Gust measured by the Posey Field Airport AWOS.				
PICKENS COUNTY --- 6.0 SSE GORDO [33.24, -87.86], 6.8 SSE GORDO [33.23, -87.84], 6.4 SSE GORDO [33.24, -87.84], 5.7 SSE GORDO [33.25, -87.85]				
	01/03/15 18:25 CST		0	Flash Flood (due to Heavy Rain)
	01/03/15 19:25 CST		0	Source: Emergency Manager
Road washed out on Old Vienna Road near the intersection of Dr. Kirk Road. Several other roads flooded across the county.				
TUSCALOOSA COUNTY --- 1.7 NW NORTHPORT [33.24, -87.60], 5.0 SW HULL [32.99, -87.67], 1.7 NNW HAGLER [33.05, -87.36], 1.4 SW FOX [33.26, -87.49]				
	01/03/15 19:00 CST		0	Flash Flood (due to Heavy Rain)
	01/03/15 21:30 CST		0	Source: Emergency Manager
Heavy rainfall caused about one dozen roads to become flooded and impassable within Tuscaloosa County . The flooded roads were in the city of Northport, along Highway 69 between the cities of Tuscaloosa and Moundville , and along Highway 82 between the cities of Tuscaloosa and Duncanville . Rainfall reports in these areas indicated widespread 2-4 inches with isolated amounts near 5 inches.				
A surface low tracked northeast across northern Mississippi and northwest Alabama Saturday afternoon and evening. An upper level disturbance moving out of the southwest United States providing ample lift and shear increased as the surface low deepened. The frontal system progressed slowly eastward, and this allowed for widespread rainfall amounts of 2 to 4 inches.				
TUSCALOOSA COUNTY --- 0.9 ENE SAMANTHA [33.42, -87.61], 1.3 NNE COKER [33.25, -87.69]				

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	01/25/15 17:30 CST		0	Thunderstorm Wind (EG 50 kt)
	01/25/15 17:40 CST		0	Source: Fire Department/Rescue

Several uprooted trees between the cities of Samantha and Coker.

TUSCALOOSA COUNTY --- (TCL)TUSCALOOSA ARPT [33.22, -87.62]

	01/25/15 17:37 CST		0	Thunderstorm Wind (MG 51 kt)
	01/25/15 17:37 CST		0	Source: ASOS

Wind gust at the Tuscaloosa Regional Airport.

JEFFERSON COUNTY --- (BHM)BIRMINGHAM ARPT [33.57, -86.75]

	01/25/15 18:17 CST		0	Thunderstorm Wind (MG 50 kt)
	01/25/15 18:17 CST		0	Source: ASOS

Wind gust at the Birmingham-Shuttlesworth International Airport.

SHELBY COUNTY --- 0.7 N DUNAVANT [33.49, -86.55]

	01/25/15 18:30 CST		0	Thunderstorm Wind (EG 50 kt)
	01/25/15 18:30 CST		0	Source: Emergency Manager

A tree uprooted along Highway 25 near County Road 41.

SHELBY COUNTY --- 0.8 NW CALERA [33.11, -86.78]

	01/25/15 18:38 CST		0	Thunderstorm Wind (EG 50 kt)
	01/25/15 18:38 CST		0	Source: Emergency Manager

Several trees uprooted near the intersection of Highway 16 and Faith Lane.

SHELBY COUNTY --- 1.1 ENE CALERA [33.10, -86.75]

	01/25/15 18:38 CST		0	Thunderstorm Wind (EG 50 kt)
	01/25/15 18:38 CST		0	Source: Social Media

A Subway sandwich shop sign was heavily damaged.

A strong short wave trough passed to the north of Alabama during the afternoon heating and triggered a line of showers and isolated thunderstorms. Dry low level conditions and steep mid level lapse rates produced conditions favorable for low topped convection with strong winds due to evaporative cooling.

ALABAMA, North

LAUDERDALE COUNTY --- 0.2 ESE FLORENCE [34.80, -87.67], 0.2 ESE FLORENCE [34.80, -87.67], 0.3 ESE FLORENCE [34.80, -87.67], 0.2 SE FLORENCE [34.80, -87.67], 0.8 SSW FLORENCE [34.79, -87.67], 0.6 SSW FLORENCE [34.79, -87.68]

	01/03/15 18:40 CST		0	Flash Flood (due to Heavy Rain)
	01/03/15 20:40 CST		0	Source: Emergency Manager

Up to eight inches of flood water was reported at the intersections of Veteran's Drive and Cherry Street and at Mitchell Boulevard at Coffee Road in Florence.

MARSHALL COUNTY --- 1.5 SE RABBIT TOWN [34.26, -86.25], 1.5 SE HUSTLERVILLE [34.30, -86.15]

	01/03/15 19:41 CST		0	Thunderstorm Wind (EG 74 kt)
	01/03/15 19:51 CST		0	Source: State Official

The University of Alabama in Huntsville performed a storm survey depicting a narrow swath with a path length of around 6 miles. Minor to moderate damage occurred along the swath in the city of Albertville of Marshall County. Damage included numerous snapped and uprooted trees, sign damage, and roof damage. Also, a couple of fences were blown down.

MARSHALL COUNTY --- 0.8 WNW ALBERTVILLE [34.27, -86.23], 0.8 N ALBERTVILLE [34.28, -86.22]

	01/03/15 19:42 CST		0	Thunderstorm Wind (EG 61 kt)
	01/03/15 19:43 CST		0	Source: Emergency Manager

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Thunderstorm winds downed several trees, bent a local restaurant sign over to a 30 degree angle and a roof was partially blown off of an apartment building.

Areas of showers during the day on the 3rd was followed by a line of showers and a few thunderstorms during the evening hours which produced heavy downpours and gusty winds. One of the storms produced wind damage in Marshall County. With saturated soils, the heavy downpours in northwest Alabama resulted in a couple reports of flash flooding. Rainfall totals reached 1 to 2 inches.

(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

01/07/15 20:00 CST	0	Extreme Cold/Wind Chill
01/08/15 07:00 CST	0	

An Arctic cold front pushed through the region on the afternoon of the 7th bringing gusty northerly winds of 20 to 30 mph. Temperatures fell through the 20s and quickly into the teens and single digits during the evening and overnight of the 7th. Wind chills fell below zero during the mid to late evening hours in northern Alabama. Although winds diminished considerably through the early morning hours of the 8th, wind chills remained below zero with temperatures bottoming out in the single digits.

(AL-Z006) MADISON, (AL-Z009) JACKSON

01/13/15 17:30 CST	0	Winter Weather
01/14/15 08:45 CST	0	

Freezing drizzle occurred during the evening of the 13th through the morning of the 14th in northern portions of Madison County and in higher elevations of both Madison and Jackson Counties. A light glazing of mainly elevated surfaces occurred, but a few slick spots on roads were also reported, especially on bridges.

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

01/15/15 06:00 CST	0	Winter Weather
01/15/15 14:00 CST	0	

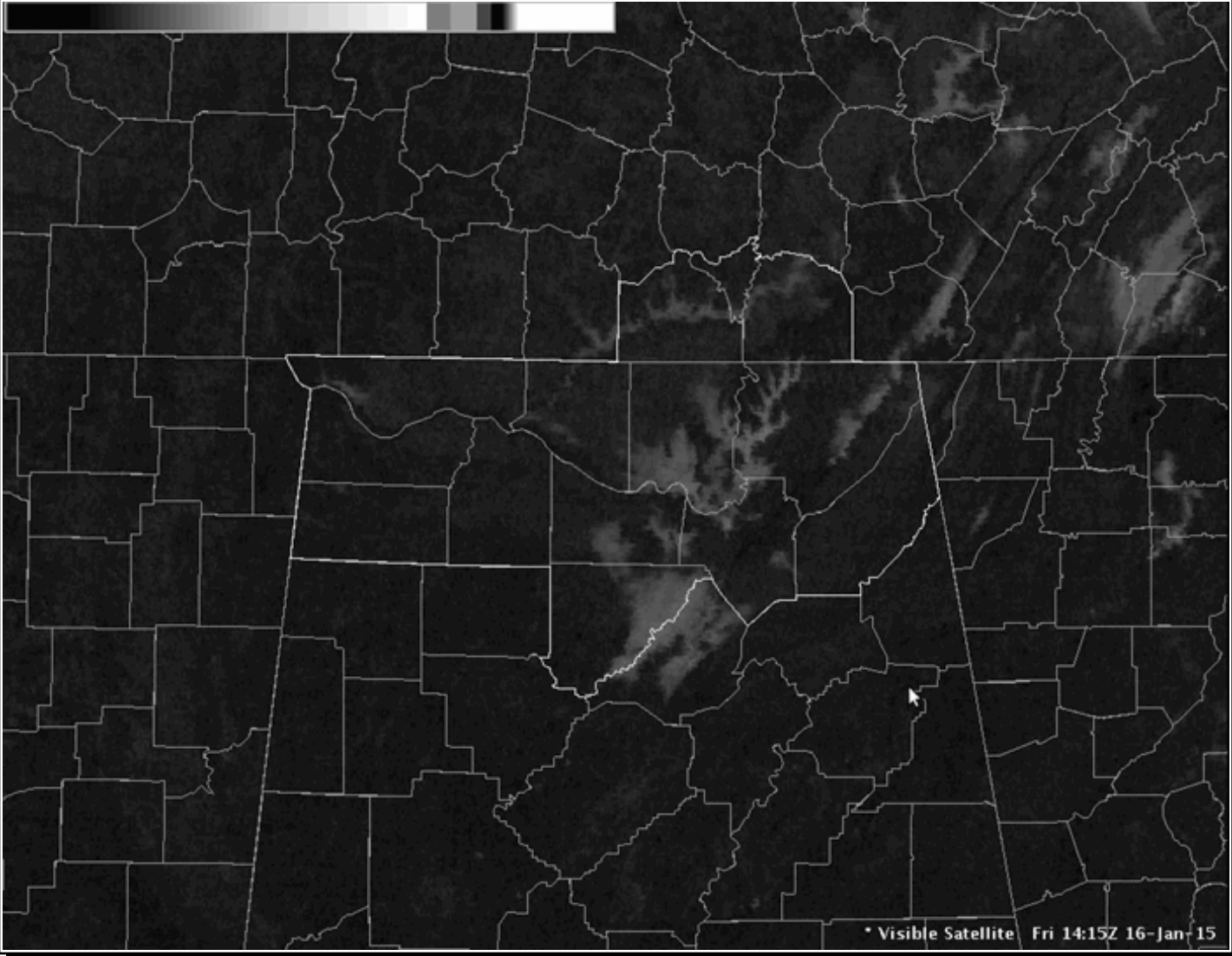
A weather system sweeping through the deep South produced a mixture of sleet, rain and eventually light snow across northern Alabama during the morning and early afternoon hours of the 15th. Air temperatures had been below freezing during the overnight and early morning hours, allowing for any melting precipitation to refreeze on several overpasses and bridges causing hazardous travel conditions. Temperatures climbed above freezing during the daylight hours in valley locations, minimizing impacts by late morning into the afternoon hours. A quarter of an inch of snow accumulated on grassy areas atop Monte Sano Mountain in Madison County where temperatures remained at or below freezing. No accumulation of snow was reported in valley areas.

(AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z016) CULLMAN

01/16/15 02:00 CST	0	Freezing Fog
01/16/15 10:00 CST	0	

Patchy valley freezing fog, some dense reducing visibility to 1/4 mile or less, occurred during the early to mid morning hours of the 16th. The freezing fog was mainly confined to river and stream valleys of northern Alabama, but also spread into the Huntsville metropolitan area as well. The fog deposited hoar frost onto elevated objects and on some bridges, overpasses and road surfaces. This resulted in elevated portions of Interstate 565 and Memorial Parkway being closed for a period.

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GOES visible image at 1415 UTC (815 am CST) showing areas of freezing fog.

ALABAMA, Southeast

DALE COUNTY --- 1.3 WSW PINCKARD [31.30, -85.56], 0.2 NE PINCKARD [31.31, -85.54]

01/04/15 06:27 CST	10K	Tornado (EF0, L: 1.50 mi , W: 50 yd)
01/04/15 06:28 CST	0	Source: Emergency Manager

Minor damage to structures occurred from an EF0 tornado in the Pinckard area. There was also a small tornadic debris signature (TDS) seen on dual-pol radar. Monetary damage was estimated.

HOUSTON COUNTY --- 0.7 N WICKSBURG [31.21, -85.62]

01/04/15 06:28 CST	1K	Thunderstorm Wind (EG 50 kt)
01/04/15 06:28 CST	0	Source: Broadcast Media

Trees were blown down and a pool enclosure was ripped off on Highway 123N.

DALE COUNTY --- 0.6 W PINCKARD [31.31, -85.55]

01/04/15 06:30 CST	0.50K	Thunderstorm Wind (EG 50 kt)
01/04/15 06:30 CST	0	Source: Broadcast Media

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Trees were blown down close to the fire department near Pinckard.

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

01/04/15 06:30 CST	5K	Tornado (EF0, L: 0.02 mi , W: 50 yd)
01/04/15 06:30 CST	0	Source: Emergency Manager

A brief EF0 tornado touched down near Dale County High School, damaging some structures around the baseball field. Monetary damage was estimated.

HENRY COUNTY --- 2.0 WSW TUMBLETON [31.39, -85.28]

01/04/15 06:57 CST	1K	Thunderstorm Wind (EG 50 kt)
01/04/15 06:57 CST	0	Source: Broadcast Media

Trees were blown down on County Road 99.

HENRY COUNTY --- 1.8 NNW HAYES [31.52, -85.09], 1.7 NNW HAYES [31.52, -85.08]

01/04/15 07:25 CST	0	Tornado (EF0, L: 0.56 mi , W: 50 yd)
01/04/15 07:26 CST	0	Source: NWS Employee

A brief EF0 tornado touched down in eastern Henry county in a rural area. No structural damage was reported, but trees were blown down and dual-pol radar revealed a small tornadic debris signature (TDS).

A strong upper level trough and cold front moved through the area during the morning and early afternoon hours. A squall line accompanied the front, and a few tornadoes and instances of straight line wind damage were reported.

ALABAMA, Southwest

MONROE COUNTY --- 0.6 WNW MONROEVILLE [31.52, -87.34]

01/03/15 16:30 CST	1K	Thunderstorm Wind (EG 52 kt)
01/03/15 16:30 CST	0	Source: Emergency Manager

A severe thunderstorm wind gust blew down a power line onto Golf Dr in Monroeville.

MONROE COUNTY --- 4.2 ENE TUNNELL SPGS [31.64, -87.18]

01/03/15 16:51 CST	2K	Thunderstorm Wind (EG 61 kt)
01/03/15 16:51 CST	0	Source: Emergency Manager

Several pine trees were blown down by wind gusts estimated at 70 mph.

MONROE COUNTY --- 4.9 SSW TURNBULL [31.66, -87.17], 4.8 SSW TURNBULL [31.66, -87.16]

01/03/15 16:52 CST	10K	Tornado (EF0, L: 0.11 mi , W: 50 yd)
01/03/15 16:53 CST	0	Source: NWS Storm Survey

During the late afternoon hours, a strong mesocyclone moved from southwest to northeast across Monroe County. The thunderstorm produced a brief EF-1 tornado about 4 miles east of Tunnel Springs located in northeastern Monroe County. The tornado lasted no longer than one minute as the path length was just shy of 200 yards. The tornado produced roof damage, uprooted hardwood trees and snapped pine trees at the trunk.

Thunderstorms developed across southwest Alabama during the afternoon hours with one producing a weak tornado in southwest Alabama.

CRENSHAW COUNTY --- 3.5 WNW THEBA [31.57, -86.38], 1.9 W SOCIAL TOWN [31.71, -86.20]

01/04/15 03:11 CST	0.20M	Tornado (EF2, L: 14.32 mi , W: 100 yd)
01/04/15 03:35 CST	0	Source: NWS Storm Survey

A severe thunderstorm moved northeastward across Crenshaw County and spawned a tornado which tracked from extreme southwest Crenshaw County to east central Crenshaw County. The tornado initially touched down at EF-0 intensity about 5 miles north of Dozier or about 1 mile northeast of Leon. The tornado varied in strength from EF-1 to EF-2 before dissipating about 4 miles east of Luverne, or about 1 mile south- southwest of Vidette. The survey showed strong evidence of convergence into the center of the path for just about every single damage location surveyed. Damage along the path was primarily snapped trunks of pine and hardwood trees on both hilltops and valleys. Chicken houses and outbuildings were destroyed. In addition, the tornado resulted in significant damage to a house and car at the end of the path before the tornado quickly dissipated. The path width varied from 40 yards to a maximum of 100 yards, but averaged 60 to 80 yards at most points.

A severe thunderstorms developed during the early morning hours and produced a tornado which caused damage in southwest

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Alabama.				



An EF2 intensity tornado produced extensive damage to this home on Gin Creek Road, just east of Luverne, AL.