Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LABAMA, Central				
AL-Z028) CLAY, (AL-Z029) RANDOLPH ELMORE, (AL-Z044) MONTGOMERY, (A		, (	, , , , ,	, ,, ,
3ARBOUR	12/01/11 00:00 CST 12/31/11 23:59 CST		0 0	Drought
nost severe drought conditions were l	ss Central Alabama into the first of De ocated in east-central and southeast s Coosa, Lowndes, Elmore, Lee, Macon	sections of Cent	ral Alabama. Droug	ght conditions continued
(AL-Z025) SHELBY, (AL-Z027) TALLAD	EGA, (AL-Z033) PERRY, (AL-Z034) BII	BB, (AL-Z035) Cł	HILTON, (AL-Z040)	DALLAS, (AL-Z041) AUTAUGA
	12/01/11 00:00 CST		0	Drought
	12/20/11 23:59 CST		0	
Over 2 inches of rain fell across portion tricken hours. This caused drought co December 20th.	•			-
RANDOLPH COUNTY 2.3 SSW GRAI		M [33.42, -85.32]	2514	
	12/21/11 12:32 CST 12/21/11 12:33 CST		25K 0	Tornado (EF0, L: 0.26 mi , W: 88 yd) Source: NWS Storm Survey
county was a result of a brief EF-0 tornad County Road 438. One home and half a downwind. Minor tree damage was also	do. The EF-0 tornado with winds of 70 r dozen outbuildings sustained roof dam	mph briefly touch age, as metal roc	ed down near Sewe ofing was peeled off	ell, along County Road 87, south of f and tossed up to one half mile
After a review of damage, eye witness ac county was a result of a brief EF-0 tornac County Road 438. One home and half a downwind. Minor tree damage was also circulation extended to the ground. A cold front pushed into Central Alaba bisecting the forecast area in half. In a between 500-1000 J/kg), strong storms producing damage near the Georgia st	do. The EF-0 tornado with winds of 70 r dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa	mph briefly touch age, as metal roc I cloud in the area cember 21, 2011 f the front (effect	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE
ounty was a result of a brief EF-0 tornar County Road 438. One home and half a ownwind. Minor tree damage was also irculation extended to the ground. A cold front pushed into Central Alaba isecting the forecast area in half. In a etween 500-1000 J/kg), strong storms roducing damage near the Georgia st	do. The EF-0 tornado with winds of 70 r dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa ate line in Randolph County.	mph briefly touch age, as metal roo I cloud in the area cember 21, 2011 f the front (effect sed, several stor	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro ms showed signs	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE of rotation, with one
ounty was a result of a brief EF-0 tornar County Road 438. One home and half a ownwind. Minor tree damage was also irculation extended to the ground. A cold front pushed into Central Alaba isecting the forecast area in half. In a etween 500-1000 J/kg), strong storms roducing damage near the Georgia st	do. The EF-0 tornado with winds of 70 r dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa ate line in Randolph County.	mph briefly touch age, as metal roo I cloud in the area cember 21, 2011 f the front (effect sed, several stor	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro ms showed signs	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE of rotation, with one
county was a result of a brief EF-0 tornar County Road 438. One home and half a lownwind. Minor tree damage was also irculation extended to the ground. A cold front pushed into Central Alaba pisecting the forecast area in half. In a between 500-1000 J/kg), strong storms producing damage near the Georgia st	do. The EF-0 tornado with winds of 70 r dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa ate line in Randolph County.	mph briefly touch age, as metal roo I cloud in the area cember 21, 2011 f the front (effect sed, several stor	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro rms showed signs OX ARPT [32.91, -4	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE of rotation, with one 87.12]
county was a result of a brief EF-0 tornar County Road 438. One home and half a downwind. Minor tree damage was also circulation extended to the ground. A cold front pushed into Central Alaba bisecting the forecast area in half. In a	do. The EF-0 tornado with winds of 70 i dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa ate line in Randolph County. LE FOX ARPT [32.91, -87.12], 1.1 SSE 12/22/11 12:56 CST 12/22/11 12:57 CST s surveyed damage in Bibb County and ad down 2 miles south of Centreville. S	mph briefly touch age, as metal roo I cloud in the area cember 21, 2011 f the front (effect sed, several stor CENTREVILLE F assessed damage everal large pine	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro rms showed signs OX ARPT [32.91, -4 3K 0 ge that was consiste	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE of rotation, with one 87.12] Tornado (EF0, L: 0.06 mi , W: 25 yd) Source: NWS Storm Survey ent with a tornado. An EF-0 tornado
county was a result of a brief EF-0 tornar County Road 438. One home and half a lownwind. Minor tree damage was also irrculation extended to the ground. A cold front pushed into Central Alabar bisecting the forecast area in half. In a between 500-1000 J/kg), strong storms producing damage near the Georgia st BIBB COUNTY 1.1 SSE CENTREVILU National Weather Service meteorologists with winds of 70 to 80 mph briefly toucher bioted in either direction, which indicates	do. The EF-0 tornado with winds of 70 i dozen outbuildings sustained roof dam noted. Two witnesses reported a funne ma during the day on Wednesday, De marginally unstable airmass ahead of developed. As low level shear increa ate line in Randolph County. LE FOX ARPT [32.91, -87.12], 1.1 SSE 12/22/11 12:56 CST 12/22/11 12:57 CST s surveyed damage in Bibb County and ad down 2 miles south of Centreville. S just a brief touchdown along County Ro 2.87, -86.97], 1.5 SSW RANDOLPH [32	mph briefly touch age, as metal roo I cloud in the area cember 21, 2011 f the front (effect sed, several stor CENTREVILLE F assessed damage everal large pines oad 219.	ed down near Sewe ofing was peeled off a, but due to terrain , eventually stalling ive bulk shear aro rms showed signs OX ARPT [32.91, -4 3K 0 ge that was consiste s were uprooted at	ell, along County Road 87, south of f and tossed up to one half mile were unable to confirm whether the g northeast to southwest, und 50 kts and CAPE of rotation, with one 87.12] Tornado (EF0, L: 0.06 mi , W: 25 yd) Source: NWS Storm Survey ent with a tornado. An EF-0 tornado this location. No other damage was
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tornado lifted shortly after, near River Road, with evidence of some additional tree damage.

# Storm Data and Unusual Weather Phenomena - December 2011

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AUTAUGA COUNTY 0.6 NNW STATESVILLE [3	•			
	12/22/11 13:34 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/22/11 13:34 CST		0	Source: Amateur Radio
A tree was reported down across Alabama Highwa	y 14 near Starksville.			
HELBY COUNTY 0.5 WNW COLUMBIANA [33		MBIANA [33.20, -	-	
	12/22/11 13:42 CST		45K	Tornado (EF0, L: 1.83 mi , W: 50 yd)
	12/22/11 13:45 CST		0	Source: NWS Storm Survey
National Weather Service meteorologists surveyed with winds of 70 to 80 mph briefly touched down in Along its path, 2 homes were damaged due to fallir or uprooted.	Columbiana along County F	Road 47 and move	d northeast for 1.9	miles and lifted along County Road 25.
AUTAUGA COUNTY 3.4 S NEW PROSPECT [32	2.62, -86.55], 3.8 ENE WADS	SWORTH [32.70, -	86.41]	
	12/22/11 14:02 CST		60K	Tornado (EF0, L: 9.66 mi , W: 100 yd)
	12/22/11 14:14 CST		0	Source: NWS Storm Survey
damage to its decking material. The tornado contin additional tree damage occurred. As it continued n damage and trees were snapped or uprooted. The	noving further northeast, it controls to rossed the Elmore	rossed County 68	and Highway 143	where several outdoor building suffered
DALLAS COUNTY 1.9 NE SELMA [32.42, -87.00	0] 12/22/11 14:11 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/22/11 14:11 CST		0	Source: Amateur Radio
A tree was reported down across a road near the ju	inction of US Highway 80 ar	nd Alabama Highw	ay 41.	
	86 411 5 2 WSW TITUS [32	70 -86 /11		
ELMORE COUNTY 5.4 N DEATSVILLE [32.70, -	86.41], 5.2 WSW TITUS [32 12/22/11 14:14 CST	.70, -86.41]	5K	Tornado (EF0, L: 0.52 mi , W: 50 yd)
ELMORE COUNTY 5.4 N DEATSVILLE [32.70, -		.70, -86.41]	5K 0	Tornado (EF0, L: 0.52 mi , W: 50 yd) Source: NWS Storm Survey
A tornado initially touched down along County Road nobile home and tree damage. It crossed the Elmo arge branches were downed as well. The tornado o	12/22/11 14:14 CST 12/22/11 14:16 CST d 57, just south of County R re County line and continue eventually lifted along Tram	oad 49 in Autauga ed its northeastwar	0 County. It moved	Source: NWS Storm Survey to the northeast causing damage to a
A tornado initially touched down along County Road mobile home and tree damage. It crossed the Elmo large branches were downed as well. The tornado o	12/22/11 14:14 CST 12/22/11 14:16 CST d 57, just south of County Re re County line and continue eventually lifted along Tram 44] 12/22/11 14:16 CST	oad 49 in Autauga ed its northeastwar	0 County. It moved d progression. A fe 1K	Source: NWS Storm Survey to the northeast causing damage to a we trees were snapped or uprooted and Thunderstorm Wind (EG 50 kt)
A tornado initially touched down along County Road mobile home and tree damage. It crossed the Elmo large branches were downed as well. The tornado o	12/22/11 14:14 CST 12/22/11 14:16 CST d 57, just south of County Re re County line and continue eventually lifted along Tram	oad 49 in Autauga ed its northeastwar	0 County. It moved d progression. A fe	Source: NWS Storm Survey to the northeast causing damage to a w trees were snapped or uprooted and
A tornado initially touched down along County Road mobile home and tree damage. It crossed the Elmo large branches were downed as well. The tornado o ELMORE COUNTY 2.7 SSW TITUS [32.69, -86.3	12/22/11 14:14 CST 12/22/11 14:16 CST d 57, just south of County Re re County line and continue eventually lifted along Tram 44] 12/22/11 14:16 CST 12/22/11 14:16 CST	oad 49 in Autauga ed its northeastwar	0 County. It moved d progression. A fe 1K	Source: NWS Storm Survey to the northeast causing damage to a we trees were snapped or uprooted and Thunderstorm Wind (EG 50 kt)
A tornado initially touched down along County Road mobile home and tree damage. It crossed the Elmo large branches were downed as well. The tornado o ELMORE COUNTY 2.7 SSW TITUS [32.69, -86.3 A tree was reported down along Tyler Road 2 miles	12/22/11 14:14 CST 12/22/11 14:16 CST d 57, just south of County Re re County line and continue eventually lifted along Tram 41 12/22/11 14:16 CST 12/22/11 14:16 CST 3 southwest of Titus.	oad 49 in Autauga ed its northeastwar	0 County. It moved d progression. A fe 1K 0	Source: NWS Storm Survey to the northeast causing damage to a we trees were snapped or uprooted and Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
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A tornado initially touched down along Grey Ferry Road in Elmore County. It moved northeast snapping approximately 50 trees along the path. It crossed into Coosa County and caused EF-1 rated damage and then crossed into Tallapoosa County, eventually lifting along Hix in Tallapoosa County.

## Storm Data and Unusual Weather Phenomena - December 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COOSA COUNTY 3.6 ESE WETONA [32.75, -	86.29], 1.3 ESE KELLYTON [32	2.97, -86.01]		
	12/22/11 14:25 CST		65K	Tornado (EF1, L: 22.61 mi , W: 300 yd)
	12/22/11 14:51 CST		0	Source: NWS Storm Survey

A tornado initially touched down along Grey Ferry Road in Elmore County, where it caused tree damage. It then crossed into Coosa County, approximately one quarter of a mile east of County Road 31. The tornado continued on an northeastward path snapping and uprooting hundreds of trees. The most extensive damage occurred on County Road 89 near Highway 280, where a large metal building was destroyed. The tornado moved into Tallapoosa County and lifted along Hix Road.

TALLAPOOSA COUNTY 2.8 NW ALEXANDER CITY [32.97, -86.01], 3.1 NNW ALEXANDER CITY [32.99, -85.99]					
12/22/11 14:51 CST	5K	Tornado (EF0, L: 1.47 mi , W: 50 yd)			
12/22/11 14:53 CST	0	Source: NWS Storm Survey			

A tornado initially touched down along Grey Ferry Road in Elmore County, where it caused tree damage. It moved northeastward and crossed into Coosa County, where extensive tree damage and structure damage occurred. Continuing on a northeastward path, the tornado crossed into Tallapoosa County just south of Sasser road. A few trees were snapped or uprooted along this section of the path. The tornado eventually lifted along Hix Road.

In response to a strong upper level shortwave, a surface low developed over the northwestern Gulf of Mexico and rode along a previously stalled front across northwest Central Alabama, Thursday, December 22, 2011. Much of Central Alabama resided in an unseasonably warm airmass, with dewpoints near 70 degrees and CAPE over 1000 J/kg. As the surface low passed over northwest Central Alabama and low level winds backed, helicity increased. Rotating supercells within several thunderstorm complexes produced six tornadoes and isolated wind damage.

### ALABAMA, North

#### (AL-Z006) MADISON

12/07/11 10:00 CST	0	Winter Weather
12/07/11 13:00 CST	0	

A powerful upper level trough moved swiftly through the region during the morning and early afternoon hours of the 7th. A batch of rain mixed with snow changed to all snow on the Cumberland Plateau by late morning (around 10 am). The snow ended abruptly by early afternoon. Snowfall of a half inch or less occurred on grassy areas and elevated surfaces as temperatures remained near or just above freezing during the snowfall.

### ALABAMA, Southeast

(AL-Z065) COFFEE, (AL-Z066) DALE, (AL-Z067	7) HENRY, (AL-Z068) GENEVA, (AL-Z0	69) HOUSTON		
	12/01/11 00:00 EST	0	Drought	
	12/31/11 23:59 EST	0		
D3 drought conditions (extreme) continued ac	ross all of southeast Alabama throug	h the month of Decemb	per and into January.	
DALE COUNTY 0.4 NNW HIGHWAY 231 PE	A RIVER BRIDGE [31.59, -85.78]			
	12/20/11 20:45 CST	0	Heavy Rain	
	12/21/11 20:45 CST	0	Source: River/Stream Gage	
	12/21/11/20:43 001	Ũ		
A 24 hour total rainfall of 3.28 inches was meas				
A 24 hour total rainfall of 3.28 inches was meas COFFEE COUNTY ELBA [31.41, -86.07]				
			Funnel Cloud	
	ured at the Pea River Gauge at US Hig	hway 231 near Ariton.		
	ured at the Pea River Gauge at US Hig 12/21/11 14:29 CST 12/21/11 14:29 CST	hway 231 near Ariton. 0 0	Funnel Cloud Source: Public	
COFFEE COUNTY ELBA [31.41, -86.07]	ured at the Pea River Gauge at US Hig 12/21/11 14:29 CST 12/21/11 14:29 CST	hway 231 near Ariton. 0 0	Funnel Cloud Source: Public	
COFFEE COUNTY ELBA [31.41, -86.07] The public reported a funnel cloud behind a hon	ured at the Pea River Gauge at US Hig 12/21/11 14:29 CST 12/21/11 14:29 CST	hway 231 near Ariton. 0 0	Funnel Cloud Source: Public	

# Storm Data and Unusual Weather Phenomena - December 2011

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

A spotter reported gusts of 40-50 mph with a peak gust of 60 mph along with heavy rain and intense lightning. There was no known damage reported.

A broad upper level trough located west of the area provided southwesterly flow with a series of upper level disturbances ejecting northeastward. Moist southerly low level flow off of the Gulf of Mexico provided ample moisture. The result was pockets of heavy rain in excess of 3 inches in a 24 hour period across portions of southeast Alabama. In addition to the heavy rainfall, instability gradually increased through December 22nd with a continuous feed of moist air from the Gulf of Mexico. A combination of instability and increased shear allowed for the development of some convection across the area on the 21st and 22nd with an isolated report of a funnel cloud on the 21st and 60 mph winds on the 22nd.

### ALABAMA, Southwest

COVINGTON COUNTY 2.0 W BECK [31.25, -86.65]				
12/22/11 15:52 CST	ЗK	Thunderstorm Wind (EG 52 kt)		
12/22/11 15:54 CST	0	Source: Emergency Manager		

Winds estimated at 60 mph downed several trees and caused minor damage to a metal barn.

A thunderstorm produced high winds that caused minor damage to a barn and downed several trees.