

Storm Data and Unusual Weather Phenomena - December 2007

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

WEST CARROLL COUNTY --- FOREST [32.78, -91.42], 2.6 W DARNELL [32.68, -91.49]

12/28/07 06:20 CST			0	Hail (0.75 in)
12/28/07 06:27 CST			0	Source: Public

A complex storm system took shape at the end of December and brought a round of elevated hail storms to the region. The hail storms occurred as a warm front and deeper moisture surged northward during the early morning hours, generally between 1 and 6 am and were scattered about the forecast area. The hail stones ranged between penny and quarter size and caused little to no damage.

MISSISSIPPI, Central

(MS-Z031) LOWNDES, (MS-Z074) FORREST

12/15/07 16:00 CST			40K	Strong Wind (MAX 39 kt)
12/15/07 19:25 CST		1	0	

A strong cold front moved through the region on December 15th and produced strong gusty winds as it moved by. Some of the higher wind gusts downed a couple of trees with some minor damage in Hattiesburg and Columbus.

ADAMS COUNTY --- 0.9 NE CRANFIELD [31.54, -91.21], 1.5 WSW LEESDALE [31.55, -91.19]

12/20/07 07:50 CST			20K	Thunderstorm Wind (EG 60 kt)
12/20/07 07:53 CST			0	Source: Emergency Manager

Numerous large trees were blown down with some down on power lines. Damage occurred in eastern Adams county.

FRANKLIN COUNTY --- 2.0 N ROXIE [31.53, -91.07]

12/20/07 08:00 CST			10K	Thunderstorm Wind (EG 55 kt)
12/20/07 08:00 CST			0	Source: Newspaper

A few trees were blown down on power lines which knocked out power near Roxie.

LINCOLN COUNTY --- 3.7 WSW BROOKHAVEN [31.56, -90.51], 3.2 WSW BROOKHAVEN [31.56, -90.50]

12/20/07 08:47 CST			60K	Thunderstorm Wind (EG 60 kt)
12/20/07 08:48 CST			0	Source: Emergency Manager

Several trees and power lines were blown down along Zetus Road in the Zetus Community. A few of those trees were down on a mobile home which caused significant damage.

COPIAH COUNTY --- 1.7 WSW MARTINSVILLE [31.77, -90.45], 0.5 E MARTINSVILLE [31.78, -90.41]

12/20/07 08:59 CST			2K	Tornado (EF0, L: 2.24 mi , W: 50 yd)
12/20/07 09:03 CST			0	Source: NWS Storm Survey

This weak tornado touched down just west of I-55, along Cline Road, and tracked east across I-55, then across Dixie Garden Road, then to Highway 51 where it lifted. Scattered trees were snapped with several tops blown out along the path.

LINCOLN COUNTY --- 0.6 S HEUCKS RETREAT [31.61, -90.37], 0.5 W WOOLWORTH [31.63, -90.29]

12/20/07 09:00 CST			0.50M	Tornado (EF2, L: 5.03 mi , W: 200 yd)
12/20/07 09:10 CST		1	0	Source: NWS Storm Survey

This strong tornado touched down just east of the Brookhaven-Lincoln County Airport and tracked east-northeast for five miles to near the Woolworth Community. The most significant damage occurred just south of Heucks Crossing along Beeson Road where two mobile homes were obliterated. The debris was swept from foundations with large debris, including furniture, and appliances thrown more than 100 yards. Additionally, numerous trees, both pines and hardwoods, were snapped and uprooted along with several power lines down along the path. A shop was also destroyed, camper trailer heavily damaged and two other homes suffered significant roof damage.

LAWRENCE COUNTY --- ARM [31.50, -90.02]

12/20/07 09:25 CST			12K	Thunderstorm Wind (EG 55 kt)
12/20/07 09:25 CST			0	Source: Newspaper

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A few trees and power lines were blown down near the Arm Community.				
JEFFERSON DAVIS COUNTY --- 1.2 SW BASSFIELD [31.49, -89.76], 0.6 E BASSFIELD [31.50, -89.74]				
	12/20/07 09:47 CST		0	Thunderstorm Wind (EG 60 kt)
	12/20/07 09:50 CST		0	Source: Law Enforcement
Several trees were blown down around the Bassfield area.				
SIMPSON COUNTY --- 2.7 SE MERIT [31.89, -89.89]				
	12/20/07 09:47 CST		0	Thunderstorm Wind (EG 53 kt)
	12/20/07 09:47 CST		0	Source: Emergency Manager
A few trees were blown down across Highway 13.				
SIMPSON COUNTY --- 5.9 W JAYNESVILLE [31.78, -89.88]				
	12/20/07 09:50 CST		0	Thunderstorm Wind (EG 50 kt)
	12/20/07 09:50 CST		0	Source: Law Enforcement
A couple of trees were blown down across Highway 13 near the Jefferson Davis county line.				
COVINGTON COUNTY --- 0.3 SSW COLLINS [31.63, -89.55], 3.4 S HOT COFFEE [31.68, -89.45]				
	12/20/07 10:10 CST		0.70M	Tornado (EF1, L: 7.16 mi , W: 500 yd)
	12/20/07 10:19 CST		0	Source: NWS Storm Survey
This tornado touched down just south of Collins to just southeast of the Highway 84 and 37 intersection. The damage began on the south side of Collins where a billboard was blown over and a warehouse building was destroyed. Numerous trees were uprooted and snapped as the tornado tracked east-northeast. The tornado reached its peak intensity and maximum width along Dennis Knight Road. Here, numerous large trees were snapped and uprooted including a swath where a large majority of the trees were snapped off. The tornado continued moving east-northeast, where the roof of a chicken house was completely removed and caused minor to moderate roof damage to two homes.				
COVINGTON COUNTY --- 5.5 S HOT COFFEE [31.65, -89.45], 5.2 S HOT COFFEE [31.66, -89.45]				
	12/20/07 10:18 CST		80K	Tornado (EF1, L: 0.44 mi , W: 100 yd)
	12/20/07 10:19 CST		0	Source: NWS Storm Survey
This tornado was brief and touched down just inside the Covington County border with Jones County. The roofs were blown off of two mobile homes with extensive debris strewn. One home had a part of it's roof removed along with numerous pine trees snapped and uprooted in a convergent path.				
JONES COUNTY --- 4.0 SW SERVICE [31.69, -89.28], 2.0 SW SERVICE [31.71, -89.25]				
	12/20/07 10:32 CST		0.45M	Tornado (EF2, L: 1.91 mi , W: 150 yd)
	12/20/07 10:36 CST	2	0	Source: NWS Storm Survey
This tornado began as a small, narrow path of minor damage, including a porch being blown off a house. It reached its maximum intensity as it crossed highway 29. Here, a brick home had all of its roof structure blown off along with a few walls blown down. Three mobile homes were rolled or tossed and destroyed, with debris strewn downstream along the path. Numerous trees were snapped off or uprooted. The last damage occurred along Leroy Hill Road. A home suffered significant roof damage, an outbuilding was destroyed, a car suffered major damage, and numerous large trees were snapped or uprooted. The tornado dissipated shortly after crossing Leroy Hill Road with only a few trees snapped at the end of the path.				
A small, but potent, storm system evolved and moved east across the region during the first half of the day. A large MCV (meso-scale convective vortex) developed across Central Louisiana during the morning hours and moved east adding an extra "kick" to the atmosphere and aided in generating a line of severe thunderstorms which produced five tornadoes and wind damage. All the severe weather was confined to the southern areas, generally along Highway 84, and extended from Natchez to Brookhaven to Laurel.				
BOLIVAR COUNTY --- MERIGOLD [33.83, -90.73], 5.0 NE WINSTONVILLE [33.94, -90.66]				
	12/28/07 01:39 CST		0	Hail (1.00 in)
	12/28/07 01:47 CST		0	Source: Law Enforcement
A swath of penny to quarter size hail fell from Merigold to the intersection of Parchman Road and the Sunflower County line.				
MARION COUNTY --- 2.4 SSW WHITE BLUFF [31.34, -90.00], 2.9 NNW GOSS [31.39, -89.92]				
	12/28/07 01:40 CST		0	Hail (1.25 in)
	12/28/07 01:46 CST		0	Source: Law Enforcement
A swath of penny to half dollar size hail fell from near Holly Springs to the Hathorn Community.				

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ATTALA COUNTY --- 5.5 N ETHEL [33.20, -89.47], 6.3 NNW MC COOL [33.28, -89.39]				
	12/28/07 01:53 CST		0	Hail (1.00 in)
	12/28/07 02:03 CST		0	Source: Public
A swath of penny to quarter sized hail fell from about 6 miles north of Ethel to French Camp. The storm continued to produce hail as it moved into Choctaw County.				
WEBSTER COUNTY --- 2.0 N EMBRY [33.68, -89.38], 5.2 NNW BELLEFONTAINE [33.72, -89.35]				
	12/28/07 01:53 CST		0	Hail (1.00 in)
	12/28/07 02:00 CST		0	Source: Law Enforcement
A swath of penny to quarter size hail fell across a small portion of north-central Webster county.				
CHOCTAW COUNTY --- 0.8 SE FRENCH CAMP [33.29, -89.39], 6.0 N WEIR [33.36, -89.28]				
	12/28/07 02:03 CST		0	Hail (1.00 in)
	12/28/07 02:11 CST		0	Source: Public
A swath of penny to quarter sized hail fell from just east of French Camp to about 6 miles north of Weir.				
HINDS COUNTY --- 0.3 E MIDWAY [32.17, -90.37]				
	12/28/07 02:08 CST		0	Hail (0.75 in)
	12/28/07 02:08 CST		0	Source: Trained Spotter
SIMPSON COUNTY --- 4.1 ESE SHIVERS [31.77, -89.94], 5.0 N MARTINVILLE [32.04, -89.74]				
	12/28/07 02:19 CST		0	Hail (0.75 in)
	12/28/07 02:38 CST		0	Source: Public
A swath of dime to penny hail fell across a large portion of Simpson County.				
SMITH COUNTY --- 2.2 W GUNN [32.07, -89.72], 2.0 NE LINGLE [32.22, -89.55]				
	12/28/07 02:38 CST		0	Hail (0.75 in)
	12/28/07 02:49 CST		0	Source: Public
A swath of dime to penny hail fell across the northwest portion of Smith County. This hail storm moved out of Simpson County, tracked across northwest Smith County, and continued into southern Scott County.				
SCOTT COUNTY --- 2.1 W HOMEWOOD [32.23, -89.56], 3.8 SSE STEEL [32.43, -89.41]				
	12/28/07 02:47 CST		0	Hail (1.00 in)
	12/28/07 03:05 CST		0	Source: Law Enforcement
A swath of penny to quarter sized hail fell from just west of Homewood to just northeast of Forest. This was the same hail storm which moved across Simpson and Smith Counties.				
MARION COUNTY --- 1.4 WNW COLUMBIA [31.26, -89.85], 8.0 NE COLUMBIA MARION ARPT [31.38, -89.72]				
	12/28/07 03:05 CST		0	Hail (1.00 in)
	12/28/07 03:16 CST		0	Source: Law Enforcement
A swath of penny to quarter size hail fell across a portion of Marion County.				
NESHOBA COUNTY --- 3.9 NNW HOUSE [32.68, -89.03]				
	12/28/07 03:30 CST		0	Hail (0.75 in)
	12/28/07 03:31 CST		0	Source: Public
NESHOBA COUNTY --- 0.6 E PHILADELPHIA [32.77, -89.11]				
	12/28/07 03:33 CST		45K	Lightning
	12/28/07 03:33 CST		0	Source: Law Enforcement
A home sustained heavy damage after being struck by lightning.				
NESHOBA COUNTY --- 3.8 SSW OCOBLA [32.70, -89.05], 0.5 SSW CROSSROADS [32.74, -88.95]				

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	12/28/07 04:10 CST		0	Hail (1.00 in)
	12/28/07 04:16 CST		0	Source: Law Enforcement

A swath of dime to quarter size hail covered the ground from Tucker to near the Deweese Community.

A complex storm system took shape at the end of December and brought a round of elevated hail storms to the region. The hail storms occurred as a warm front and deeper moisture surged northward during the early morning hours, generally between 1 and 6 am and were scattered about the forecast area. The hail stones ranged between penny and quarter size and caused little to no damage.