

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ALABAMA, Central

(AL-Z011) MARION, (AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z026) ST. CLAIR, (AL-Z027) TALLADEGA, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z030) SUMTER, (AL-Z031) GREENE, (AL-Z032) HALE, (AL-Z033) PERRY, (AL-Z034) BIBB, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z039) MARENGO, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (AL-Z042) LOWNDES, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR				
	08/01/07 00:00 CST		0	Drought
	08/31/07 23:59 CST		0	

Continued dry and very hot conditions across Central Alabama in the month of August led to worsening drought conditions. By the end of the month, more than 90 percent of Central Alabama had been placed in the Exceptional Drought (D4) designation, with the remainder in Severe Drought (D3).

Agricultural, hydrologic, and sociological impacts continued to be widely felt. Around 80 percent of the corn and soybean crop, 70 percent of the cotton crop, and 40 percent of the peanut crop, was considered to be in poor or very poor condition by month's end. In addition, about 60 percent of the livestock, and 75 percent of pasture lands, were also considered to be poor or very poor, and hay yields for the summer were less than half of normal.

Major rivers and reservoirs continued to run much below normal. Navigation on major rivers became significantly impacted, and many boat landings on major lakes became unusable due to extremely low lake levels.

Area water utility companies continued to enforce fines and surcharges for excessive water usage, and water restriction plans remained in effect.

#### JEFFERSON COUNTY

0.1 N CROCKER JCT	08/03/07 16:40 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/03/07 16:40 CST		0	33.651N, 86.82W

Fieldstown road was blocked due to trees and powerlines down, and at least one tree fell onto a car.

#### JEFFERSON COUNTY

GARDENDALE	08/03/07 16:40 CST		0	Hail (0.75 in)
	08/03/07 16:40 CST		0	33.65N, 86.82W

#### JEFFERSON COUNTY

0.1 ENE IRONDALE	08/04/07 15:30 CST		0	Dust Devil
	08/04/07 15:30 CST		0	33.5306N, 86.7186W

A dust devil was reported near Eastwood Mall. It had an estimated height of 250 feet, and lasted several minutes.

Isolated severe thunderstorms developed in the heat of the afternoon on several days in early August.

(AL-Z011) MARION, (AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z025) SHELBY, (AL-Z026) ST. CLAIR, (AL-Z027) TALLADEGA, (AL-Z028) CLAY, (AL-Z029) RANDOLPH, (AL-Z030) SUMTER, (AL-Z031) GREENE, (AL-Z032) HALE, (AL-Z033) PERRY, (AL-Z034) BIBB, (AL-Z035) CHILTON, (AL-Z036) COOSA, (AL-Z037) TALLAPOOSA, (AL-Z038) CHAMBERS, (AL-Z039) MARENGO, (AL-Z040) DALLAS, (AL-Z041) AUTAUGA, (AL-Z042) LOWNDES, (AL-Z043) ELMORE, (AL-Z044) MONTGOMERY, (AL-Z045) MACON, (AL-Z046) BULLOCK, (AL-Z047) LEE, (AL-Z048) RUSSELL, (AL-Z049) PIKE, (AL-Z050) BARBOUR				
	08/08/07 12:00 CST	11	0	Heat
	08/23/07 18:00 CST	408	0	

A large ridge of high pressure, combined with very dry ground from the recent drought, combined to produce the hottest month on record across Central Alabama in the month of August. The core of the heat wave started around August 4th, when the temperatures first topped the 100 degree mark in several cities. The heat reached its peak August 10th through the 15th, as the mercury climbed above 105 degrees to as high as 109 degrees. Daily record maximum temperatures were broken or tied on 11 days in Anniston, 10 days in Birmingham, 12 days in Montgomery, and 14 days in Tuscaloosa, and all cities broke or tied their August maximum temperature records. At least 408 people required medical treatment due to the heat, and 11 people died due to heat-related illness.

Direct Fatalities: F77, F86, M32, M57, M67, M69, M72, M75, M77, M79, M88

#### JEFFERSON COUNTY

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
0.8 E BLUFF PARK	08/10/07 15:05 CST 08/10/07 15:05 CST		5K 0	Thunderstorm Wind (EG 50 kt) 33.4N, 86.856W
Several trees were blown down in the Bluff Park area.				
<b>JEFFERSON COUNTY</b>				
1.3 ENE MORGAN	08/10/07 15:05 CST 08/10/07 15:05 CST		5K 0	Thunderstorm Wind (EG 50 kt) 33.3374N, 86.8986W
Several trees were blown down on Raspberry Road and Strawberry Lane.				
<b>JEFFERSON COUNTY</b>				
2.1 NNE HOOVER	08/10/07 15:05 CST 08/10/07 15:05 CST		5K 0	Thunderstorm Wind (EG 50 kt) 33.3487N, 86.8058W
Several trees were blown down on Sourwood Drive, just off of Riverchase Parkway.				
<b>An isolated severe thunderstorm developed in the heat of the afternoon.</b>				
<b>CHEROKEE COUNTY</b>				
0.9 SW FARILL	08/17/07 14:15 CST 08/17/07 14:15 CST		3K 0	Thunderstorm Wind (EG 50 kt) 34.2405N, 85.4915W
Several trees were blown down on County Road 51, just south of Highway 9.				
<b>CHEROKEE COUNTY</b>				
1.1 E CENTRE	08/17/07 14:30 CST 08/17/07 14:30 CST		10K 0	Thunderstorm Wind (EG 50 kt) 34.1502N, 85.6613W
A barn was damaged on County Road 22, just north of US-411.				
<b>ETOWAH COUNTY</b>				
1.2 NW IVALEE	08/17/07 15:15 CST 08/17/07 15:15 CST		0 0	Hail (1.00 in) 34.0398N, 86.1377W
Reported on US-278, near Mountaintop Flea Market.				
<b>ETOWAH COUNTY</b>				
0.7 NE IVALEE	08/17/07 15:25 CST 08/17/07 15:25 CST		5K 0	Thunderstorm Wind (EG 50 kt) 34.0369N, 86.1118W
Powers lines were blown down near the intersection of US-278 and US-431.				
<b>CHEROKEE COUNTY</b>				
0.3 WNW GAYLESVILLE	08/17/07 15:30 CST 08/17/07 15:30 CST		5K 0	Thunderstorm Wind (EG 50 kt) 34.2708N, 85.5548W
Several trees were blown down on near the intersection of County Road 91 and AL-68.				
<b>CHEROKEE COUNTY</b>				
2.5 N CEDAR BLUFF	08/17/07 15:42 CST 08/17/07 15:42 CST		3K 0	Thunderstorm Wind (EG 50 kt) 34.2556N, 85.6039W
Several trees were blown down on County Road 144, north of Cedar Bluff.				
<b>ELMORE COUNTY</b>				
1.8 W WALLSBURG	08/17/07 16:45 CST 08/17/07 16:45 CST		5K 0	Thunderstorm Wind (EG 50 kt) 32.65N, 86.2W
Trees were snapped and a shed collapsed.				
<b>ELMORE COUNTY</b>				
SANTUCK	08/17/07 16:59 CST 08/17/07 16:59 CST		0 0	Hail (1.00 in) 32.63N, 86.13W

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WINSTON COUNTY</b>				
DOUBLE SPGS	08/17/07 17:00 CST		15K	Thunderstorm Wind (EG 55 kt)
	08/17/07 17:00 CST		0	34.15N, 87.4W
Numerous trees and powerlines were blown down around Double Springs, and other parts of the county.				
<b>BLOUNT COUNTY</b>				
1.1 NNE LOCUST FORK	08/17/07 17:14 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 17:14 CST		0	33.9147N, 86.6109W
Trees and powerlines were blown down at junction of County Road 15 and AL-79.				
<b>MONTGOMERY COUNTY</b>				
RAMER	08/17/07 20:10 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 20:10 CST		0	32.05N, 86.22W
Trees and power lines were blown down.				
<b>Several severe thunderstorms developed in the heat of the afternoon.</b>				
<b>SHELBY COUNTY</b>				
1.6 E NELSON	08/18/07 14:15 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/18/07 14:15 CST		0	33.2266N, 86.5534W
Six trees were blown down, and a metal porch roof was peeled back, near the intersection of County Road 55 and AL-25, between Columbiana and Wilsonville.				
<b>TUSCALOOSA COUNTY</b>				
NORTHPORT	08/18/07 17:00 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/18/07 17:00 CST		0	33.22N, 87.58W
Several trees were blown down.				
<b>SHELBY COUNTY</b>				
0.2 W COLUMBIANA	08/18/07 17:15 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/18/07 17:15 CST		0	33.1805N, 86.6032W
Several trees and power lines were blown down, on Carter Lane and Thompson Street, in Columbiana.				
<b>Isolated severe thunderstorms developed in the heat of the afternoon.</b>				
<b>SHELBY COUNTY</b>				
2.4 NNE QUITO	08/24/07 12:10 CST		0	Lightning
	08/24/07 12:10 CST	2	0	33.4139N, 86.7406W
Two children sustained minor injuries when they were apparently struck by lightning, at the 4800 block of Caldwell Mill Road in north Shelby County. Both children were knocked to the ground. One got up and was ok, and the other was taken to a local hospital and was later reported to be ok.				
<b>TALLADEGA COUNTY</b>				
1.8 NE TALLADEGA	08/24/07 12:55 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 12:55 CST		0	33.45N, 86.0801W
Trees and power lines were blown down at Brecon Mobile Home Park, in the city of Talladega.				
<b>TALLADEGA COUNTY</b>				
TALLADEGA	08/24/07 12:55 CST		0	Hail (1.00 in)
	08/24/07 12:55 CST		0	33.43N, 86.1W
Quarter size hail was reported on Brecon Access Road, in the city of Talladega.				
<b>JEFFERSON COUNTY</b>				
ENSLEY	08/24/07 13:00 CST		0	Hail (0.75 in)
	08/24/07 13:00 CST		0	33.52N, 86.9W

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<b>SHELBY COUNTY</b>				
0.5 SW LONGVIEW	08/24/07 13:35 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:35 CST		0	33.1948N, 86.7861W
Several trees were snapped along Interstate 65, between mile markers 235 and 236.				
<b>BLOUNT COUNTY</b>				
1.1 N CLEVELAND	08/24/07 13:43 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:43 CST		0	33.9959N, 86.5782W
Thunderstorm winds caused damage to the doors of the Cleveland Fire Department building. A tree was blown down onto a school bus, at a bus shop in the same area.				
<b>BLOUNT COUNTY</b>				
0.9 N CLEVELAND	08/24/07 13:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:45 CST		0	33.992N, 86.5772W
Several trees were blown down and blocked US-231, from County Road 1 to Swann Bridge Road, in Cleveland.				
<b>BLOUNT COUNTY</b>				
2.2 S BLOUNTSVILLE	08/24/07 13:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:45 CST		0	34.0487N, 86.5839W
Trees were blown down in the Fowler Springs area, on south side of Blountsville.				
<b>SHELBY COUNTY</b>				
0.5 WSW NEW HOPE	08/24/07 13:50 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:50 CST		0	33.3671N, 86.7585W
Trees were blown down on Timberline Cove, just off Valleydale Road in north Shelby County.				
<b>SHELBY COUNTY</b>				
1.9 E QUITO	08/24/07 13:50 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:50 CST		0	33.3776N, 86.7165W
Trees were blown down in the Sunny Meadows subdivision, just off Valleydale Road in north Shelby County.				
<b>DALLAS COUNTY</b>				
2.1 NNW SELMA	08/24/07 14:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 14:05 CST		0	32.4293N, 87.0283W
A tree fell down on a power line on 6th Avenue, in Selma.				
<b>CHILTON COUNTY</b>				
CLANTON	08/24/07 14:35 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 14:35 CST		0	32.83N, 86.65W
Several trees were blown down throughout central Chilton County.				
<b>LAMAR COUNTY</b>				
KENNEDY	08/24/07 16:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/24/07 16:45 CST		0	33.58N, 87.98W
A few trees were blown down.				
<b>LAMAR COUNTY</b>				
6.2 NNW BEAVERTON	08/24/07 17:45 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 17:45 CST		0	34.0184N, 88.0521W
A few trees were blown down in the Henson Springs community.				
<b>Several severe thunderstorms developed during the heat of the afternoon.</b>				

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<b>LAMAR COUNTY</b>				
2.1 SW KENNEDY	08/25/07 16:20 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:20 CST		0	33.5548N, 88.001W
Trees were blown down on AL-17, just south of Kennedy.				
<b>MONTGOMERY COUNTY</b>				
1.0 E MONTGOMERY	08/25/07 16:21 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:21 CST		0	32.38N, 86.2829W
Three power poles and 7 trees were blown down, with one of the trees falling onto a house.				
<b>FAYETTE COUNTY</b>				
FAYETTE	08/25/07 16:31 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:31 CST		0	33.68N, 87.83W
Several trees and power lines were blown down across the city of Fayette.				
<b>FAYETTE COUNTY</b>				
FAYETTE	08/25/07 16:31 CST		50K	Lightning
	08/25/07 16:31 CST		10K	33.68N, 87.83W
One house fire and 2 forest fires were started by lightning.				
<b>Isolated severe thunderstorms developed during the heating of the day.</b>				
<b>WALKER COUNTY</b>				
1.6 SSE JASPER WALKER CO ARP	08/27/07 15:00 CST		25K	Thunderstorm Wind (EG 55 kt)
	08/27/07 15:00 CST		0	33.8494N, 87.2575W
Several trees were blown down, and the roof of a veterinary clinic was damaged, on Walston Bridge Road in the northern part of Jasper.				
<b>TALLAPOOSA COUNTY</b>				
2.6 WSW STURDIVANT	08/27/07 15:02 CST		25K	Thunderstorm Wind (EG 55 kt)
	08/27/07 15:02 CST		0	32.9N, 85.8872W
A boat house on the Tallapoosa River, near the US-280 bridge, was substantially damaged.				
<b>JEFFERSON COUNTY</b>				
1.4 SW MC CALLA	08/27/07 15:55 CST		4K	Thunderstorm Wind (EG 50 kt)
	08/27/07 15:55 CST		0	33.318N, 87.0398W
Four trees were blown down at a service and fuel center, just off of Interstate 20/59 exit 104.				
<b>TUSCALOOSA COUNTY</b>				
0.6 SSE COALING	08/27/07 16:00 CST		20K	Lightning
	08/27/07 16:00 CST		0	33.162N, 87.3479W
A lightning strike caused a house fire on Unicorn drive, in the Coaling community.				
<b>TUSCALOOSA COUNTY</b>				
2.5 N GREELEY	08/27/07 16:00 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/27/07 16:00 CST		0	33.2865N, 87.1499W
Trees and power lines were blown down on Rock House Road, Lisa Drive, in the Lakeview Community.				
<b>TUSCALOOSA COUNTY</b>				
0.9 E ABERNANT	08/27/07 16:01 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/27/07 16:01 CST		0	33.2806N, 87.1852W
Trees and power lines were blown down on Joy Drive, just southeast of Abernant.				
<b>Several severe thunderstorms developed during the heat of the afternoon.</b>				

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### LOWNDES COUNTY

1.3 NNE PETRONIA	08/30/07 14:20 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/30/07 14:20 CST		0	32.2878N, 86.7926W

Large tree limbs were blown down, near the intersection of US-80 and County Road 9, near the Benton community.

**An isolated severe thunderstorm popped up during the heat of the afternoon.**

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### ALABAMA, North

(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

08/01/07 00:00 CST		0	Drought
08/31/07 23:59 CST		0	

August was the hottest month on record at Huntsville and Muscle Shoals, and across most of north Alabama. Numerous daily temperature records were set, with several locations seeing long streaks of 100 degree plus high temperatures. In fact, both Huntsville and Muscle Shoals tied record streaks of 100 degree plus temperatures with 10 and 12 respectively. This extreme heat only magnified the ongoing drought. The hottest temperature recorded at Huntsville was 105 degrees on the 15th and 16th. Muscle Shoals recorded a high of 107 degrees on the 15th.

As far as rainfall goes, August can be described as a tale of two extremes. Only spotty showers occurred the first week of the month, with many areas staying dry. After that, virtually no rain occurred through August 23rd. Then a significant precipitation event occurred on August 24th, with another affecting the south part of Huntsville on August 29th. The event on the 24th brought some creeks near their banks, and the event on the 29th caused significant flooding in parts of Huntsville, including calf-deep water in spots, water damage to some homes, and eight feet of water in a basement. This was the second flood event in this part of town this summer.

Despite these rain events, exceptional (D4) drought conditions remained all month across the eastern half of north Alabama, while western portions downgraded once again from severe (D2) and extreme (D3) to exceptional (D4) drought conditions.

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(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

08/01/07 00:00 CST		0	Heat
08/31/07 23:59 CST		0	

August was the hottest month on record at Huntsville and Muscle Shoals, and across most of north Alabama.

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### MARSHALL COUNTY

2.5 NNE GUNTERSVILLE LAKE	08/01/07 16:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/01/07 16:28 CST		0	34.5152N, 86.1714W

A tree was blown down by thunderstorm winds on Preston Island.

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### MARSHALL COUNTY

GRANT	08/01/07 16:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/01/07 16:28 CST		0	34.53N, 86.27W

A tree was blown down by thunderstorm winds.

**An isolated severe thunderstorm produced strong winds and small hail over Marshall County in northeast Alabama.**

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### (AL-Z007) MORGAN

08/09/07 00:00 CST	1	0	Heat
08/09/07 23:59 CST		0	

Two fatalities resulted from this heat wave in Morgan County, Alabama.

**Direct Fatalities: M64PS**

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### CULLMAN COUNTY

1.4 SSW COUNTY LINE	08/10/07 11:55 CST		0	Thunderstorm Wind (EG 50 kt)
	08/10/07 11:55 CST		0	34.2814N, 86.7112W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Thunderstorm winds blew a tree down onto a mobile home. Time estimated.				
<b>MARSHALL COUNTY</b>				
1.3 ESE ARAB	08/10/07 11:55 CST		0	Thunderstorm Wind (EG 50 kt)
1.8 SW GRASSY	08/10/07 11:55 CST		0	34.3136N, 86.4779W ~ 34.3322N, 86.472W
Trees were blown down by thunderstorm winds along Arad Thompson Road in Arab and along Apollo Road southeast of Arab.				
<b>CULLMAN COUNTY</b>				
0.6 S JONES CHAPEL	08/10/07 12:20 CST		20K	Thunderstorm Wind (EG 52 kt)
0.8 WSW CULLMAN	08/10/07 12:20 CST		0	34.2107N, 87.0512W ~ 34.1774N, 86.8435W
Thunderstorm winds blew down large trees and caused power outages of up to 2600 residents in the Jones Chapel area. One tree fell on a mobile home likely causing a total loss. The home was unoccupied at the time. A tin roof was ripped off of a barn along County Road 940.				
<b>Isolated downbursts produced wind damage in Marshall and Cullman counties.</b>				
<b>(AL-Z007) MORGAN</b>				
	08/13/07 00:00 CST	1	0	Heat
	08/13/07 23:59 CST		0	
<b>Two fatalities resulted from this heat wave in Morgan County, Alabama.</b>				
<b>Direct Fatalities: F59PH</b>				
<b>CULLMAN COUNTY</b>				
HOLLY POND	08/17/07 13:05 CST		1M	Thunderstorm Wind (EG 55 kt)
	08/17/07 13:05 CST		0	34.17N, 86.62W
A portion of a barn's roof sustained heavy damage and was peeled back in the Holly Pond community.				
<b>LIMESTONE COUNTY</b>				
1.7 W ATHENS	08/17/07 14:01 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:01 CST		0	34.8N, 87.0099W
Large oak tree and other smaller trees were blown down on highway 72 just west of the Athens city limits.				
<b>MARSHALL COUNTY</b>				
1.9 WSW CLAYSVILLE	08/17/07 14:02 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:02 CST		0	34.3898N, 86.23W
Several trees were blown down on Preston Island. 50 mph winds were recorded in Guntersville.				
<b>JACKSON COUNTY</b>				
0.9 SE DUTTON	08/17/07 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:20 CST		0	34.61N, 85.92W
Trees were blown down in the Dutton community.				
<b>LAUDERDALE COUNTY</b>				
1.8 ESE JOHNSON XRDS	08/17/07 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:20 CST		0	34.9598N, 87.72W
Power lines were blown down 3 miles west of Zip City on County Road 139.				
<b>LAUDERDALE COUNTY</b>				
2.1 S ZIP CITY	08/17/07 14:35 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:35 CST		0	34.9199N, 87.67W
Trees were blown down across County Road 24 north of Florence off Highway 17.				
<b>COLBERT COUNTY</b>				
1.0 N EMCO LISTERHILL JCT	08/17/07 14:38 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	34.7339N, 87.57W

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Trees and street signs blown down on Highway 227 between Muscle Shoals and Zip City.				
<b>JACKSON COUNTY</b>				
0.9 SE DUTTON	08/17/07 14:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	34.61N, 85.92W
Trees were blown down in the Dutton community.				
<b>MARSHALL COUNTY</b>				
2.4 NNW GUNTERSVILLE	08/17/07 14:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	34.3617N, 86.2659W
Trees and street signs were blown down on Highway 227 in the northeastern section of Guntersville.				
<b>LAUDERDALE COUNTY</b>				
1.3 WSW JACKSONBURG	08/17/07 14:40 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:40 CST		0	34.8726N, 87.6917W
Power lines were blown down in Petersville area.				
<b>LAUDERDALE COUNTY</b>				
1.3 WSW JACKSONBURG	08/17/07 14:47 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:47 CST		0	34.8726N, 87.6917W
Powerlines and trees were blow down on County Road 7 in the Underwood-Petersville area.				
<b>LAUDERDALE COUNTY</b>				
2.2 NW POWELL	08/17/07 14:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:50 CST		0	34.9924N, 87.2573W
Trees were blown down 4 miles N of the Anderson community on County Road 510.				
<b>LAUDERDALE COUNTY</b>				
0.7 N ZIP CITY	08/17/07 14:52 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:52 CST		0	34.96N, 87.67W
In the vicinity of Zip City near the intersection of county road 17 and county roads 7 and 11, trees were blown down.				
<b>LAUDERDALE COUNTY</b>				
1.3 WSW JACKSONBURG	08/17/07 14:53 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:53 CST		0	34.87N, 87.69W
Trees were blown down in the Underwood area on county road 7.				
<b>MORGAN COUNTY</b>				
1.8 NW BASHAM	08/17/07 15:02 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:02 CST		0	34.5383N, 87.0422W
Trees and some powerlines were downed by a large downburst, which produced a 3/4 mile damage swath.				
<b>LAUDERDALE COUNTY</b>				
1.7 E GRASSY	08/17/07 15:04 CST		1M	Thunderstorm Wind (EG 55 kt)
	08/17/07 15:04 CST		0	34.97N, 87.27W
A barn roof was blow off and a shed damaged northwest of Anderson on County Road 510.				
<b>MORGAN COUNTY</b>				
0.6 E AUSTINVILLE	08/17/07 15:12 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:12 CST		0	34.57N, 86.99W
Powerlines were blown down at the intersection of Highway 31 and Kayo Road in the Decatur area.				
<b>DEKALB COUNTY</b>				



## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
1.8 NW FT PAYNE ISBELL ARPT	08/17/07 15:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:28 CST		0	34.4883N, 85.7422W
A tree was blown down on County Road 97 just south of County Road 27 between Fort Payne and Sylvania.				
<b>MADISON COUNTY</b>				
0.9 NE NEW HOPE	08/17/07 15:41 CST		1M	Thunderstorm Wind (EG 55 kt)
	08/17/07 15:41 CST		0	34.5392N, 86.3888W
A large tree was blown down on a mobile home. Power lines were also blown down.				
<b>MARSHALL COUNTY</b>				
2.3 E OLEANDER	08/17/07 16:04 CST		0	Thunderstorm Wind (EG 70 kt)
	08/17/07 16:04 CST		0	34.42N, 86.49W
Trees and power lines were blown down at Brocks Chapel Road and Mountain View Road. Some trees were 4 feet in diameter and over 100 feet tall.				
<b>MORGAN COUNTY</b>				
0.9 NW RYAN XRDS	08/17/07 16:10 CST		1M	Thunderstorm Wind (EG 70 kt)
	08/17/07 16:10 CST		0	34.3392N, 86.6111W
A severe thunderstorm produced wind damage in a swath 3 miles long and 2 miles wide. Numerous large trees were blown down. The winds produced roof damage to multiple chicken houses and outbuildings.				
<b>MARSHALL COUNTY</b>				
3.0 W UNION GROVE	08/17/07 16:11 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:11 CST		0	34.4N, 86.5026W
A tree was blown down 3 miles west of Union Grove.				
<b>CULLMAN COUNTY</b>				
0.6 W CULLMAN	08/17/07 16:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:14 CST		0	34.18N, 86.84W
Trees were blown down in Cullman.				
<b>CULLMAN COUNTY</b>				
0.7 N WEST PT	08/17/07 16:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:14 CST		0	34.24N, 86.95W
Trees were blown down in the West Point community.				
<b>DEKALB COUNTY</b>				
0.6 W DOG TOWN	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	34.35N, 85.74W
Trees were blown down onto power lines along County Road 271 in Dog Town.				
<b>DEKALB COUNTY</b>				
1.8 NW FT PAYNE ISBELL ARPT	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	34.4883N, 85.7422W
Trees were blown down on County Roads 27 and 97.				
<b>DEKALB COUNTY</b>				
ARONA	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	34.22N, 86.08W
Power lines were blown down in the Arona community, which caused power outages in the area.				
<b>CULLMAN COUNTY</b>				
0.9 SE BAILEYTON	08/17/07 16:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:38 CST		0	34.2608N, 86.6089W

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees and power lines were blown down in Baileyton and Fairview.				
<b>MARSHALL COUNTY</b>				
0.7 N ARAB	08/17/07 16:47 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:47 CST		0	34.33N, 86.5W
A tree was blown down and blocked a road southwest of Arab.				
<b>CULLMAN COUNTY</b>				
0.9 SE HANCEVILLE	08/17/07 17:01 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 17:01 CST		0	34.0608N, 86.7589W
Trees were blown down in the Hanceville community.				
<b>CULLMAN COUNTY</b>				
1.5 SSW HANCEVILLE	08/17/07 17:01 CST		0	Hail (1.75 in)
	08/17/07 17:01 CST		0	34.05N, 86.78W
Hail up to golfball size occurred in the Center community.				
<b>A back-door cold front interacting with a tropical air mass produced numerous damaging wind occurrences and a few instances of large hail across Northern Alabama.</b>				
<b>CULLMAN COUNTY</b>				
0.7 S GARDEN CITY	08/24/07 13:05 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:05 CST		0	34.01N, 86.75W
Two trees were blown down in the Garden city community. One of these trees damaged a house.				
<b>COLBERT COUNTY</b>				
0.7 S MUSCLE SHOALS	08/24/07 22:50 CST		0	Heavy Rain
	08/24/07 22:50 CST		0	34.74N, 87.67W
Muscle Shoals ASOS equipment measured 2.10 of rainfall in 1 hour.				
<b>LAUDERDALE COUNTY</b>				
1.3 E ARKDELL	08/25/07 00:15 CST		0	Heavy Rain
	08/25/07 00:15 CST		0	34.9697N, 87.3972W
A TVA rain gage at Arkdell measured 4.18 inches of rain between 9:00 pm and 1:15 am.				
<b>MADISON COUNTY</b>				
1.3 WNW LILY FLAG	08/25/07 00:50 CST		0	Heavy Rain
	08/25/07 00:50 CST		0	34.6574N, 86.5916W
A USGS rain gage measured 3.08 inches of rain at Johnson road in south Huntsville between 12:25 am and 1:50 am.				
<b>MADISON COUNTY</b>				
0.6 E HAZEL GREEN	08/25/07 16:20 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:20 CST		0	34.93N, 86.57W
Thunderstorm winds produced some siding damage to a home in the Hazel Green community.				
<b>LAUDERDALE COUNTY</b>				
3.0 E LEXINGTON	08/25/07 17:11 CST		0	Hail (0.75 in)
	08/25/07 17:11 CST		0	34.97N, 87.3171W
Penny size hail was reported.				
<b>LAUDERDALE COUNTY</b>				
0.7 S ANDERSON	08/25/07 17:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/07 17:20 CST		0	34.91N, 87.27W
Thunderstorm winds downed a few trees and power lines along highway 207 in the Anderson community.				

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DEKALB COUNTY</b>				
1.0 S MENTONE	08/25/07 17:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/07 17:28 CST		0	34.5655N, 85.6W
Trees were blown down along DeSoto Parkway.				
<b>LIMESTONE COUNTY</b>				
2.8 NNW RIPLEY	08/25/07 18:09 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/25/07 18:09 CST		0	34.7877N, 87.139W
Thunderstorm winds produced roof damage to businesses on Shaw Road off U.S. Highway 72 west of Athens.				
<b>A slow moving cold front pushed into unstable, tropical air overnight on the 24th, producing wind damage and flash flooding in many areas. As this cold front continued to push further southeast during the day on the 25th, thunderstorms ahead of the front produced isolated large hail as well damaging winds during the afternoon and evening hours.</b>				
<b>MADISON COUNTY</b>				
1.3 ENE FARLEY	08/29/07 17:30 CST		1K	Lightning
	08/29/07 17:30 CST		0	34.61N, 86.55W
Lightning struck a power substation on Chaney Thompson Road causing a power outage affecting 1900 customers. Lightning also struck a substation in downtown Huntsville affecting 300 customers. Time was estimated.				
<b>MADISON COUNTY</b>				
1.5 NNW OAKWOOD COLLEGE	08/29/07 17:30 CST		2K	Lightning
	08/29/07 17:30 CST		0	34.77N, 86.64W
Lightning sparked a small attic fire at a residence. Total damages unknown and time was estimated.				
<b>MADISON COUNTY</b>				
1.5 ESE HUNTSVILLE PARK	08/29/07 18:00 CST		0	Heavy Rain
	08/29/07 18:00 CST		0	34.69N, 86.5964W
Intense rainfall was measured at the Spring Branch gage at Johnson Road. One hour rainfall from 6:00 to 7:00 pm was 3.40 inches. 30 minute rainfall from 6:00 to 6:30 pm was 2.41 inches. 20 minute rainfall from 6:15 pm to 6:35 pm was 2.18 inches, averaging 0.55 every 5 minutes during this time frame.				
<b>MADISON COUNTY</b>				
2.0 ESE HUNTSVILLE	08/29/07 18:00 CST		20K	Flash Flood (due to Heavy Rain)
	08/29/07 18:00 CST		0	34.7187N, 86.5867W
A flash flood brought knee deep water to two homes in a residential community along Auburn Avenue and Stanford Street.				
<b>MADISON COUNTY</b>				
2.3 NE FARLEY	08/29/07 18:00 CST		0	Heavy Rain
	08/29/07 18:00 CST		0	34.6239N, 86.5411W
3.79 inches of rainfall was measured.				
<b>MADISON COUNTY</b>				
43.9 E CEDAR PT	08/29/07 18:15 CST		0	Heavy Rain
	08/29/07 18:15 CST		0	34.653N, 85.581W
A NASA meteorologist measured 3.90 inches of rainfall.				
<b>MADISON COUNTY</b>				
2.4 ESE HUNTSVILLE PARK	08/29/07 18:30 CST		1K	Flash Flood (due to Heavy Rain)
	08/29/07 18:30 CST		0	34.6923N, 86.579W
Flash flooding prompted a section of Balmoral Drive to be blocked off. Flash flooding was reported on several Huntsville streets including Meridian Street, Whitesburg Drive, South Memorial Parkway, and University Drive. Time estimated.				
<b>An intense thunderstorm developed over the central and southern portions of Huntsville dumping excessive rainfall in a very short period of time. Rainfall amounts over 3 inches were reported via a fairly dense network of automated and manual rain gages in this area. Peak rainfall rates of up to 6 inches per hour were observed during a 20 minute time span. This led to quick runoff and flash flooding in</b>				

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
low lying areas of south Huntsville which impacted several residences about one mile south of downtown. Flash flooding was also reported on several busy streets.				

### ALABAMA, Southeast

#### HOUSTON COUNTY

5.0 SE DOTHAN	08/14/07 22:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/14/07 22:30 CST		0	31.1789N, 85.3102W

Several trees and power lines were down.

**Thunderstorm winds toppled trees and power lines southeast of Dothan.**

#### DALE COUNTY

3.0 SW OZARK	08/31/07 17:00 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/31/07 17:00 CST		0	31.4193N, 85.6859W

A home sustained roof damage. A swing set in the back yard was blown over.

**Thunderstorm winds damaged the roof of a home southwest of Ozark.**

### ALABAMA, Southwest

#### MONROE COUNTY

3.0 NE FRANKLIN	08/07/07 13:50 CST	1	0	Lightning
	08/07/07 13:50 CST		0	31.7507N, 87.3839W

A male was struck and killed by lightning while working on a logging crew. The sixty-one year old was part of a crew who were working in the forest when the bolt hit. Emergency personnel were unable to revive him.

Direct Fatalities: M61UT

**A logger was killed by lightning.**

**(AL-Z051) CHOCTAW, (AL-Z052) WASHINGTON, (AL-Z053) CLARKE, (AL-Z054) WILCOX, (AL-Z055) MONROE, (AL-Z056) CONECUH, (AL-Z057) BUTLER, (AL-Z058) CRENSHAW, (AL-Z059) ESCAMBIA, (AL-Z060) COVINGTON, (AL-Z061) UPPER MOBILE, (AL-Z062) UPPER BALDWIN, (AL-Z063) LOWER MOBILE, (AL-Z064) LOWER BALDWIN**

	08/08/07 08:00 CST		0	Heat
	08/14/07 18:00 CST	4	0	

Heat advisories were issued for a combination of high temperatures and high humidities. Heat index vales were between 110 and 115 degrees. Several public buildings and churches allowed people to come in and cool off during the heat of the day.

#### BALDWIN COUNTY

MARLOW	08/09/07 14:30 CST		0	Lightning
	08/09/07 14:30 CST	1	0	30.47N, 87.8W

A Baldwin county worker was struck by lightning as he tried to escape a storm while working near a dirt pit. He was going to his truck to get out of the storm when he was hit. He was taken to a local hospital, treated and released.

**A man was struck by lightning.**

#### CHOCTAW COUNTY

HALSELL	08/10/07 16:20 CST		8K	Thunderstorm Wind (EG 43 kt)
	08/10/07 16:22 CST		0	32.28N, 88.27W

Several trees were blown down by thunderstorm winds. The winds were estimated to be around 50 MPH.

**Trees blown down by winds in Choctaw county.**

#### BUTLER COUNTY

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GREENVILLE	08/17/07 18:05 CST		12K	Thunderstorm Wind (EG 50 kt)
	08/17/07 18:07 CST		0	31.83N, 86.63W
High winds from a thunderstorm blew down several trees near Greenville.				
<b>An isolated thunderstorm caused damage in Butler county.</b>				
<hr/>				
<b>(AL-Z063) LOWER MOBILE</b>				
	08/22/07 03:00 CST		0.10M	High Surf
	08/22/07 07:00 CST		0	
High water caused minor flooding on Dauphin Island.				
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<b>CHOCTAW COUNTY</b>				
ISNEY	08/23/07 17:55 CST		15K	Thunderstorm Wind (EG 50 kt)
MELVIN	08/23/07 17:57 CST		0	31.78N, 88.45W ~ 31.92N, 88.45W
High winds from a thunderstorm blew down trees and power lines in Isney and Melvin.				
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<b>MONROE COUNTY</b>				
MEGARGEL	08/23/07 18:25 CST		0	Hail (0.75 in)
	08/23/07 18:27 CST		0	31.38N, 87.43W
<b>A couple of severe thunderstorms moved across southwest Alabama.</b>				
<hr/>				
<b>BALDWIN COUNTY</b>				
SPANISH FT	08/24/07 14:22 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/24/07 14:26 CST		0	30.68N, 87.9W
High winds from a thunderstorm caused tree damage in the Spanish Fort area. A spotter estimated peak winds to be around 60 MPH and the high winds lasted for about four minutes.				
<b>High winds caused minor damage in Spanish Fort.</b>				
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<b>CHOCTAW COUNTY</b>				
PENNINGTON	08/24/07 15:35 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/24/07 15:37 CST		0	32.2N, 88.05W
High winds from a thunderstorm blew down several trees near Pennington.				
<b>Thunderstorm winds blew down trees in Choctaw county.</b>				
<hr/>				
<b>MOBILE COUNTY</b>				
MOBILE	08/30/07 15:30 CST		65K	Lightning
	08/30/07 15:30 CST		0	30.7N, 88.08W
Lightning struck a garage in the Oakleigh Garden District in Mobile. The strike started a fire and the garage was destroyed. Two vehicles in the garage were destroyed by the fire.				
<b>Lightning struck a garage in Mobile.</b>				