

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 08/31/07 23:59 CST	0 0	0 0	Drought
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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 [33.65, -86.82]				
	08/03/07 16:40 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/03/07 16:40 CST		0	Source: Broadcast Media

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

JEFFERSON COUNTY --- GARDENDALE [33.65, -86.82]				
	08/03/07 16:40 CST		0	Hail (0.75 in)
	08/03/07 16:40 CST		0	Source: Public

JEFFERSON COUNTY --- 0.1 ENE IRONDALE [33.53, -86.72]				
	08/04/07 15:30 CST		0	Dust Devil
	08/04/07 15:30 CST		0	Source: Trained Spotter

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 08/23/07 18:00 CST	11 408	0 0	Heat
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Direct Fatalities: F77??, F86??, M32??, M57??, M67??, M69??, M72??, M75??, M77??, M79??, M88??

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
records. At least 408 people required medical treatment due to the heat, and 11 people died due to heat-related illness.				
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JEFFERSON COUNTY --- 0.8 E BLUFF PARK [33.40, -86.86]				
	08/10/07 15:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/10/07 15:05 CST		0	Source: Law Enforcement
Several trees were blown down in the Bluff Park area.				
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JEFFERSON COUNTY --- 1.3 ENE MORGAN [33.34, -86.90]				
	08/10/07 15:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/10/07 15:05 CST		0	Source: Law Enforcement
Several trees were blown down on Raspberry Road and Strawberry Lane.				
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JEFFERSON COUNTY --- 2.1 NNE HOOVER [33.35, -86.81]				
	08/10/07 15:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/10/07 15:05 CST		0	Source: Law Enforcement
Several trees were blown down on Sourwood Drive, just off of Riverchase Parkway.				
An isolated severe thunderstorm developed in the heat of the afternoon.				
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CHEROKEE COUNTY --- 0.9 SW FARILL [34.24, -85.49]				
	08/17/07 14:15 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:15 CST		0	Source: Emergency Manager
Several trees were blown down on County Road 51, just south of Highway 9.				
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CHEROKEE COUNTY --- 1.1 E CENTRE [34.15, -85.66]				
	08/17/07 14:30 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:30 CST		0	Source: Emergency Manager
A barn was damaged on County Road 22, just north of US-411.				
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ETOWAH COUNTY --- 1.2 NW IVALEE [34.04, -86.14]				
	08/17/07 15:15 CST		0	Hail (1.00 in)
	08/17/07 15:15 CST		0	Source: Broadcast Media
Reported on US-278, near Mountaintop Flea Market.				
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ETOWAH COUNTY --- 0.7 NE IVALEE [34.04, -86.11]				
	08/17/07 15:25 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:25 CST		0	Source: Emergency Manager
Powers lines were blown down near the intersection of US-278 and US-431.				
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CHEROKEE COUNTY --- 0.3 WNW GAYLESVILLE [34.27, -85.55]				
	08/17/07 15:30 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:30 CST		0	Source: Broadcast Media
Several trees were blown down on near the intersection of County Road 91 and AL-68.				
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CHEROKEE COUNTY --- 2.5 N CEDAR BLUFF [34.26, -85.60]				
	08/17/07 15:42 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:42 CST		0	Source: Broadcast Media
Several trees were blown down on County Road 144, north of Cedar Bluff.				
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ELMORE COUNTY --- 1.8 W WALLSBURG [32.65, -86.20]				
	08/17/07 16:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:45 CST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees were snapped and a shed collapsed.				
ELMORE COUNTY --- SANTUCK [32.63, -86.13]				
	08/17/07 16:59 CST		0	Hail (1.00 in)
	08/17/07 16:59 CST		0	Source: Trained Spotter
WINSTON COUNTY --- DOUBLE SPGS [34.15, -87.40]				
	08/17/07 17:00 CST		15K	Thunderstorm Wind (EG 55 kt)
	08/17/07 17:00 CST		0	Source: Law Enforcement
Numerous trees and powerlines were blown down around Double Springs, and other parts of the county.				
BLOUNT COUNTY --- 1.1 NNE LOCUST FORK [33.91, -86.61]				
	08/17/07 17:14 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 17:14 CST		0	Source: Emergency Manager
Trees and powerlines were blown down at junction of County Road 15 and AL-79.				
MONTGOMERY COUNTY --- RAMER [32.05, -86.22]				
	08/17/07 20:10 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/17/07 20:10 CST		0	Source: Emergency Manager
Trees and power lines were blown down.				
Several severe thunderstorms developed in the heat of the afternoon.				
SHELBY COUNTY --- 1.6 E NELSON [33.23, -86.55]				
	08/18/07 14:15 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/18/07 14:15 CST		0	Source: Emergency Manager
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.				
TUSCALOOSA COUNTY --- NORTHPORT [33.22, -87.58]				
	08/18/07 17:00 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/18/07 17:00 CST		0	Source: Emergency Manager
Several trees were blown down.				
SHELBY COUNTY --- 0.2 W COLUMBIANA [33.18, -86.60]				
	08/18/07 17:15 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/18/07 17:15 CST		0	Source: Law Enforcement
Several trees and power lines were blown down, on Carter Lane and Thompson Street, in Columbiana.				
Isolated severe thunderstorms developed in the heat of the afternoon.				
SHELBY COUNTY --- 2.4 NNE QUITO [33.41, -86.74]				
	08/24/07 12:10 CST		0	Lightning
	08/24/07 12:10 CST	2	0	Source: Fire Department/Rescue
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.				
TALLADEGA COUNTY --- 1.8 NE TALLADEGA [33.45, -86.08]				
	08/24/07 12:55 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 12:55 CST		0	Source: Emergency Manager
Trees and power lines were blown down at Brecon Mobile Home Park, in the city of Talladega.				
TALLADEGA COUNTY --- TALLADEGA [33.43, -86.10]				

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	08/24/07 12:55 CST		0	Hail (1.00 in)
	08/24/07 12:55 CST		0	Source: Emergency Manager
Quarter size hail was reported on Brecon Access Road, in the city of Talladega.				
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JEFFERSON COUNTY --- ENSLEY [33.52, -86.90]				
	08/24/07 13:00 CST		0	Hail (0.75 in)
	08/24/07 13:00 CST		0	Source: Public
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SHELBY COUNTY --- 0.5 SW LONGVIEW [33.19, -86.79]				
	08/24/07 13:35 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:35 CST		0	Source: NWS Employee
Several trees were snapped along Interstate 65, between mile markers 235 and 236.				
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BLOUNT COUNTY --- 1.1 N CLEVELAND [34.00, -86.58]				
	08/24/07 13:43 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:43 CST		0	Source: Emergency Manager
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.				
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BLOUNT COUNTY --- 0.9 N CLEVELAND [33.99, -86.58]				
	08/24/07 13:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:45 CST		0	Source: Emergency Manager
Severel trees were blown down and blocked US-231, from County Road 1 to Swann Bridge Road, in Cleveland.				
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BLOUNT COUNTY --- 2.2 S BLOUNTSVILLE [34.05, -86.58]				
	08/24/07 13:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:45 CST		0	Source: Broadcast Media
Trees were blown down in the Fowler Springs area, on south side of Blountsville.				
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SHELBY COUNTY --- 0.5 WSW NEW HOPE [33.37, -86.76]				
	08/24/07 13:50 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:50 CST		0	Source: Emergency Manager
Trees were blown down on Timberline Cove, just off Valleydale Road in north Shelby County.				
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SHELBY COUNTY --- 1.9 E QUITO [33.38, -86.72]				
	08/24/07 13:50 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:50 CST		0	Source: Emergency Manager
Trees were blown down in the Sunny Meadows subdivision, just off Valleydale Road in north Shelby County.				
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DALLAS COUNTY --- 2.1 NNW SELMA [32.43, -87.03]				
	08/24/07 14:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 14:05 CST		0	Source: Emergency Manager
A tree fell down on a power line on 6th Avenue, in Selma.				
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CHILTON COUNTY --- CLANTON [32.83, -86.65]				
	08/24/07 14:35 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/24/07 14:35 CST		0	Source: Emergency Manager
Several trees were blown down throughout central Chilton County.				
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LAMAR COUNTY --- KENNEDY [33.58, -87.98]				
	08/24/07 16:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/24/07 16:45 CST		0	Source: Emergency Manager

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A few trees were blown down.				
LAMAR COUNTY --- 6.2 NNW BEAVERTON [34.02, -88.05]				
	08/24/07 17:45 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/24/07 17:45 CST		0	Source: Emergency Manager
A few trees were blown down in the Henson Springs community.				
Several severe thunderstorms developed during the heat of the afternoon.				
LAMAR COUNTY --- 2.1 SW KENNEDY [33.55, -88.00]				
	08/25/07 16:20 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:20 CST		0	Source: Emergency Manager
Trees were blown down on AL-17, just south of Kennedy.				
MONTGOMERY COUNTY --- 1.0 E MONTGOMERY [32.38, -86.28]				
	08/25/07 16:21 CST		20K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:21 CST		0	Source: Emergency Manager
Three power poles and 7 trees were blown down, with one of the trees falling onto a house.				
FAYETTE COUNTY --- FAYETTE [33.68, -87.83]				
	08/25/07 16:31 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:31 CST		0	Source: Emergency Manager
Several trees and power lines were blown down across the city of Fayette.				
FAYETTE COUNTY --- FAYETTE [33.68, -87.83]				
	08/25/07 16:31 CST		50K	Lightning
	08/25/07 16:31 CST		10K	Source: Emergency Manager
One house fire and 2 forest fires were started by lightning.				
Isolated severe thunderstorms developed during the heating of the day.				
WALKER COUNTY --- 1.6 SSE JASPER WALKER CO ARP [33.85, -87.26]				
	08/27/07 15:00 CST		25K	Thunderstorm Wind (EG 55 kt)
	08/27/07 15:00 CST		0	Source: Law Enforcement
Several trees were blown down, and the roof of a veterinary clinic was damaged, on Walston Bridge Road in the northern part of Jasper.				
TALLAPOOSA COUNTY --- 2.6 WSW STURDIVANT [32.90, -85.89]				
	08/27/07 15:02 CST		25K	Thunderstorm Wind (EG 55 kt)
	08/27/07 15:02 CST		0	Source: Emergency Manager
A boat house on the Tallapoosa River, near the US-280 bridge, was substantially damaged.				
JEFFERSON COUNTY --- 1.4 SW MC CALLA [33.32, -87.04]				
	08/27/07 15:55 CST		4K	Thunderstorm Wind (EG 50 kt)
	08/27/07 15:55 CST		0	Source: Public
Four trees were blown down at a service and fuel center, just off of Interstate 20/59 exit 104.				
TUSCALOOSA COUNTY --- 0.6 SSE COALING [33.16, -87.35]				
	08/27/07 16:00 CST		20K	Lightning
	08/27/07 16:00 CST		0	Source: Emergency Manager
A lightning strike caused a house fire on Unicorn drive, in the Coaling community.				
TUSCALOOSA COUNTY --- 2.5 N GREELEY [33.29, -87.15]				

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	08/27/07 16:00 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/27/07 16:00 CST		0	Source: Emergency Manager

Trees and power lines were blown down on Rock House Road, Lisa Drive, in the Lakeview Community.

TUSCALOOSA COUNTY --- 0.9 E ABERNANT [33.28, -87.19]

	08/27/07 16:01 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/27/07 16:01 CST		0	Source: Emergency Manager

Trees and power lines were blown down on Joy Drive, just southeast of Abernant.

Several severe thunderstorms developed during the heat of the afternoon.

LOWNDES COUNTY --- 1.3 NNE PETRONIA [32.29, -86.79]

	08/30/07 14:20 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/30/07 14:20 CST		0	Source: Emergency Manager

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.

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.

(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.

MARSHALL COUNTY --- 2.5 NNE GUNTERSVILLE LAKE [34.52, -86.17]

	08/01/07 16:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/01/07 16:28 CST		0	Source: Emergency Manager

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

MARSHALL COUNTY --- GRANT [34.53, -86.27]

	08/01/07 16:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/01/07 16:28 CST		0	Source: Emergency Manager

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A tree was blown down by thunderstorm winds.

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

(AL-Z007) MORGAN

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

Direct Fatalities: M64PS

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

CULLMAN COUNTY --- 1.4 SSW COUNTY LINE [34.28, -86.71]

08/10/07 11:55 CST		0	Thunderstorm Wind (EG 50 kt)
08/10/07 11:55 CST		0	Source: Emergency Manager

Thunderstorm winds blew a tree down onto a mobile home. Time estimated.

MARSHALL COUNTY --- 1.3 ESE ARAB [34.31, -86.48], 1.8 SW GRASSY [34.33, -86.47]

08/10/07 11:55 CST		0	Thunderstorm Wind (EG 50 kt)
08/10/07 11:55 CST		0	Source: Emergency Manager

Trees were blown down by thunderstorm winds along Arad Thompson Road in Arab and along Apollo Road southeast of Arab.

CULLMAN COUNTY --- 0.6 S JONES CHAPEL [34.21, -87.05], 0.8 WSW CULLMAN [34.18, -86.84]

08/10/07 12:20 CST		20K	Thunderstorm Wind (EG 52 kt)
08/10/07 12:20 CST		0	Source: Newspaper

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.

Isolated downbursts produced wind damage in Marshall and Cullman counties.

(AL-Z007) MORGAN

08/13/07 00:00 CST	1	0	Heat
08/13/07 23:59 CST		0	

Direct Fatalities: F59PH

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

CULLMAN COUNTY --- HOLLY POND [34.17, -86.62]

08/17/07 13:05 CST		1M	Thunderstorm Wind (EG 55 kt)
08/17/07 13:05 CST		0	Source: Emergency Manager

A portion of a barn's roof sustained heavy damage and was peeled back in the Holly Pond community.

LIMESTONE COUNTY --- 1.7 W ATHENS [34.80, -87.01]

08/17/07 14:01 CST		1M	Thunderstorm Wind (EG 50 kt)
08/17/07 14:01 CST		0	Source: Law Enforcement

Large oak tree and other smaller trees were blown down on highway 72 just west of the Athens city limits.

MARSHALL COUNTY --- 1.9 WSW CLAYSVILLE [34.39, -86.23]

08/17/07 14:02 CST		0	Thunderstorm Wind (EG 50 kt)
08/17/07 14:02 CST		0	Source: Emergency Manager

Several trees were blown down on Preston Island. 50 mph winds were recorded in Gunterville.

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JACKSON COUNTY --- 0.9 SE DUTTON [34.61, -85.92]				
	08/17/07 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:20 CST		0	Source: Fire Department/Rescue
Trees were blown down in the Dutton community.				
LAUDERDALE COUNTY --- 1.8 ESE JOHNSON XRDS [34.96, -87.72]				
	08/17/07 14:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:20 CST		0	Source: Emergency Manager
Power lines were blown down 3 miles west of Zip City on County Road 139.				
LAUDERDALE COUNTY --- 2.1 S ZIP CITY [34.92, -87.67]				
	08/17/07 14:35 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:35 CST		0	Source: Emergency Manager
Trees were blown down across County Road 24 north of Florence off Highway 17.				
COLBERT COUNTY --- 1.0 N EMCO LISTERHILL JCT [34.73, -87.57]				
	08/17/07 14:38 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	Source: Law Enforcement
Trees and street signs blown down on Highway 227 between Muscle Shoals and Zip City.				
JACKSON COUNTY --- 0.9 SE DUTTON [34.61, -85.92]				
	08/17/07 14:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	Source: Fire Department/Rescue
Trees were blown down in the Dutton community.				
MARSHALL COUNTY --- 2.4 NNW GUNTERSVILLE [34.36, -86.27]				
	08/17/07 14:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:38 CST		0	Source: Law Enforcement
Trees and street signs were blown down on Highway 227 in the northeastern section of Guntersville.				
LAUDERDALE COUNTY --- 1.3 WSW JACKSONBURG [34.87, -87.69]				
	08/17/07 14:40 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:40 CST		0	Source: Post Office
Power lines were blown down in Petersville area.				
LAUDERDALE COUNTY --- 1.3 WSW JACKSONBURG [34.87, -87.69]				
	08/17/07 14:47 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:47 CST		0	Source: Emergency Manager
Powerlines and trees were blow down on County Road 7 in the Underwood-Petersville area.				
LAUDERDALE COUNTY --- 2.2 NW POWELL [34.99, -87.26]				
	08/17/07 14:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:50 CST		0	Source: Emergency Manager
Trees were blown down 4 miles N of the Anderson community on County Road 510.				
LAUDERDALE COUNTY --- 0.7 N ZIP CITY [34.96, -87.67]				
	08/17/07 14:52 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:52 CST		0	Source: Emergency Manager
In the vicinity of Zip City near the intersection of county road 17 and county roads 7 and 11, trees were blown down.				
LAUDERDALE COUNTY --- 1.3 WSW JACKSONBURG [34.87, -87.69]				

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/17/07 14:53 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 14:53 CST		0	Source: Emergency Manager
Trees were blown down in the Underwood area on county road 7.				
<hr/>				
MORGAN COUNTY --- 1.8 NW BASHAM [34.54, -87.04]				
	08/17/07 15:02 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:02 CST		0	Source: Emergency Manager
Trees and some powerlines were downed by a large downburst, which produced a 3/4 mile damage swath.				
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LAUDERDALE COUNTY --- 1.7 E GRASSY [34.97, -87.27]				
	08/17/07 15:04 CST		1M	Thunderstorm Wind (EG 55 kt)
	08/17/07 15:04 CST		0	Source: Emergency Manager
A barn roof was blow off and a shed damaged northwest of Anderson on County Road 510.				
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MORGAN COUNTY --- 0.6 E AUSTINVILLE [34.57, -86.99]				
	08/17/07 15:12 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:12 CST		0	Source: Law Enforcement
Powerlines were blown down at the intersection of Highway 31 and Kayo Road in the Decatur area.				
<hr/>				
DEKALB COUNTY --- 1.8 NW FT PAYNE ISBELL ARPT [34.49, -85.74]				
	08/17/07 15:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 15:28 CST		0	Source: Law Enforcement
A tree was blown down on County Road 97 just south of County Road 27 between Fort Payne and Sylvania.				
<hr/>				
MADISON COUNTY --- 0.9 NE NEW HOPE [34.54, -86.39]				
	08/17/07 15:41 CST		1M	Thunderstorm Wind (EG 55 kt)
	08/17/07 15:41 CST		0	Source: Emergency Manager
A large tree was blown down on a mobile home. Power lines were also blown down.				
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MARSHALL COUNTY --- 2.3 E OLEANDER [34.42, -86.49]				
	08/17/07 16:04 CST		0	Thunderstorm Wind (EG 70 kt)
	08/17/07 16:04 CST		0	Source: Emergency Manager
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.				
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MORGAN COUNTY --- 0.9 NW RYAN XRDS [34.34, -86.61]				
	08/17/07 16:10 CST		1M	Thunderstorm Wind (EG 70 kt)
	08/17/07 16:10 CST		0	Source: Emergency Manager
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.				
<hr/>				
MARSHALL COUNTY --- 3.0 W UNION GROVE [34.40, -86.50]				
	08/17/07 16:11 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:11 CST		0	Source: Law Enforcement
A tree was blown down 3 miles west of Union Grove.				
<hr/>				
CULLMAN COUNTY --- 0.6 W CULLMAN [34.18, -86.84]				
	08/17/07 16:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:14 CST		0	Source: Emergency Manager
Trees were blown down in Cullman.				
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CULLMAN COUNTY --- 0.7 N WEST PT [34.24, -86.95]				

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/17/07 16:14 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:14 CST		0	Source: Law Enforcement
Trees were blown down in the West Point community.				
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DEKALB COUNTY --- 0.6 W DOG TOWN [34.35, -85.74]				
	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	Source: Emergency Manager
Trees were blown down onto power lines along County Road 271 in Dog Town.				
<hr/>				
DEKALB COUNTY --- 1.8 NW FT PAYNE ISBELL ARPT [34.49, -85.74]				
	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	Source: Emergency Manager
Trees were blown down on County Roads 27 and 97.				
<hr/>				
DEKALB COUNTY --- ARONA [34.22, -86.08]				
	08/17/07 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:15 CST		0	Source: Emergency Manager
Power lines were blown down in the Arona community, which caused power outages in the area.				
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CULLMAN COUNTY --- 0.9 SE BAILEYTON [34.26, -86.61]				
	08/17/07 16:38 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:38 CST		0	Source: Emergency Manager
Trees and power lines were blown down in Baileyton and Fairview.				
<hr/>				
MARSHALL COUNTY --- 0.7 N ARAB [34.33, -86.50]				
	08/17/07 16:47 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 16:47 CST		0	Source: Emergency Manager
A tree was blown down and blocked a road southwest of Arab.				
<hr/>				
CULLMAN COUNTY --- 0.9 SE HANCEVILLE [34.06, -86.76]				
	08/17/07 17:01 CST		0	Thunderstorm Wind (EG 50 kt)
	08/17/07 17:01 CST		0	Source: Emergency Manager
Trees were blown down in the Hanceville community.				
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CULLMAN COUNTY --- 1.5 SSW HANCEVILLE [34.05, -86.78]				
	08/17/07 17:01 CST		0	Hail (1.75 in)
	08/17/07 17:01 CST		0	Source: Emergency Manager
Hail up to golfball size occurred in the Center community.				
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.				
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CULLMAN COUNTY --- 0.7 S GARDEN CITY [34.01, -86.75]				
	08/24/07 13:05 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/24/07 13:05 CST		0	Source: Emergency Manager
Two trees were blown down in the Garden city community. One of these trees damaged a house.				
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COLBERT COUNTY --- 0.7 S MUSCLE SHOALS [34.74, -87.67]				
	08/24/07 22:50 CST		0	Heavy Rain
	08/24/07 22:50 CST		0	Source: ASOS
Muscle Shoals ASOS equipment measured 2.10 of rainfall in 1 hour.				

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAUDERDALE COUNTY --- 1.3 E ARKDELL [34.97, -87.40]				
	08/25/07 00:15 CST		0	Heavy Rain
	08/25/07 00:15 CST		0	Source: Mesonet
A TVA rain gage at Arkdell measured 4.18 inches of rain between 9:00 pm and 1:15 am.				
MADISON COUNTY --- 1.3 WNW LILY FLAG [34.66, -86.59]				
	08/25/07 00:50 CST		0	Heavy Rain
	08/25/07 00:50 CST		0	Source: Mesonet
A USGS rain gage measured 3.08 inches of rain at Johnson road in south Huntsville between 12:25 am and 1:50 am.				
MADISON COUNTY --- 0.6 E HAZEL GREEN [34.93, -86.57]				
	08/25/07 16:20 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/25/07 16:20 CST		0	Source: Public
Thunderstorm winds produced some siding damage to a home in the Hazel Green community.				
LAUDERDALE COUNTY --- 3.0 E LEXINGTON [34.97, -87.32]				
	08/25/07 17:11 CST		0	Hail (0.75 in)
	08/25/07 17:11 CST		0	Source: Law Enforcement
Penny size hail was reported.				
LAUDERDALE COUNTY --- 0.7 S ANDERSON [34.91, -87.27]				
	08/25/07 17:20 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/07 17:20 CST		0	Source: Law Enforcement
Thunderstorm winds downed a few trees and power lines along highway 207 in the Anderson community.				
DEKALB COUNTY --- 1.0 S MENTONE [34.57, -85.60]				
	08/25/07 17:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/07 17:28 CST		0	Source: Fire Department/Rescue
Trees were blown down along DeSoto Parkway.				
LIMESTONE COUNTY --- 2.8 NNW RIPLEY [34.79, -87.14]				
	08/25/07 18:09 CST		1M	Thunderstorm Wind (EG 50 kt)
	08/25/07 18:09 CST		0	Source: Newspaper
Thunderstorm winds produced roof damage to businesses on Shaw Road off U.S. Highway 72 west of Athens.				
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.				
MADISON COUNTY --- 1.3 ENE FARLEY [34.61, -86.55]				
	08/29/07 17:30 CST		1K	Lightning
	08/29/07 17:30 CST		0	Source: Newspaper
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.				
MADISON COUNTY --- 1.5 NNW OAKWOOD COLLEGE [34.77, -86.64]				
	08/29/07 17:30 CST		2K	Lightning
	08/29/07 17:30 CST		0	Source: Newspaper
Lightning sparked a small attic fire at a residence. Total damages unknown and time was estimated.				
MADISON COUNTY --- 1.5 ESE HUNTSVILLE PARK [34.69, -86.60]				

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/29/07 18:00 CST		0	Heavy Rain
	08/29/07 18:00 CST		0	Source: Mesonet

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.

MADISON COUNTY --- 2.0 ESE HUNTSVILLE [34.72, -86.59]				
	08/29/07 18:00 CST		20K	Flash Flood (due to Heavy Rain)
	08/29/07 18:00 CST		0	Source: Newspaper

A flash flood brought knee deep water to two homes in a residential community along Auburn Avenue and Stanford Street.

MADISON COUNTY --- 2.3 NE FARLEY [34.62, -86.54]				
	08/29/07 18:00 CST		0	Heavy Rain
	08/29/07 18:00 CST		0	Source: Mesonet

Rainfall of 3.79 inches was measured.

MADISON COUNTY --- 43.9 E CEDAR PT [34.65, -85.58]				
	08/29/07 18:15 CST		0	Heavy Rain
	08/29/07 18:15 CST		0	Source: Other Federal Agency

A NASA meteorologist measured 3.90 inches of rainfall.

MADISON COUNTY --- 2.4 ESE HUNTSVILLE PARK [34.69, -86.58]				
	08/29/07 18:30 CST		1K	Flash Flood (due to Heavy Rain)
	08/29/07 18:30 CST		0	Source: Newspaper

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.

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 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 [31.18, -85.31]				
	08/14/07 22:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/14/07 22:30 CST		0	Source: Emergency Manager

Several trees and power lines were down.

Thunderstorm winds toppled trees and power lines southeast of Dothan.

DALE COUNTY --- 3.0 SW OZARK [31.42, -85.69]				
	08/31/07 17:00 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/31/07 17:00 CST		0	Source: Emergency Manager

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 [31.75, -87.38]				
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Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/07/07 13:50 CST	1	0	Lightning
	08/07/07 13:50 CST		0	Source: Emergency Manager

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) CONECH, (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 [30.47, -87.80]

08/09/07 14:30 CST		0	Lightning
08/09/07 14:30 CST	1	0	Source: Emergency Manager

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 [32.28, -88.27]

08/10/07 16:20 CST		8K	Thunderstorm Wind (EG 43 kt)
08/10/07 16:22 CST		0	Source: Emergency Manager

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 --- GREENVILLE [31.83, -86.63]

08/17/07 18:05 CST		12K	Thunderstorm Wind (EG 50 kt)
08/17/07 18:07 CST		0	Source: Emergency Manager

High winds from a thunderstorm blew down several trees near Greenville.

An isolated thunderstorm caused damage in Butler county.

(AL-Z063) LOWER MOBILE

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.

CHOCTAW COUNTY --- ISNEY [31.78, -88.45], MELVIN [31.92, -88.45]

08/23/07 17:55 CST		15K	Thunderstorm Wind (EG 50 kt)
08/23/07 17:57 CST		0	Source: Emergency Manager

High winds from a thunderstorm blew down trees and power lines in Isney and Melvin.

MONROE COUNTY --- MEGARGEL [31.38, -87.43]

08/23/07 18:25 CST		0	Hail (0.75 in)
08/23/07 18:27 CST		0	Source: Emergency Manager

A couple of severe thunderstorms moved across southwest Alabama.

Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/> BALDWIN COUNTY --- SPANISH FT [30.68, -87.90]				
	08/24/07 14:22 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/24/07 14:26 CST		0	Source: Trained Spotter

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.

High winds caused minor damage in Spanish Fort.

<hr/> CHOCTAW COUNTY --- PENNINGTON [32.20, -88.05]				
	08/24/07 15:35 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/24/07 15:37 CST		0	Source: Emergency Manager

High winds from a thunderstorm blew down several trees near Pennington.

Thunderstorm winds blew down trees in Choctaw county.

<hr/> MOBILE COUNTY --- MOBILE [30.70, -88.08]				
	08/30/07 15:30 CST		65K	Lightning
	08/30/07 15:30 CST		0	Source: Newspaper

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.

Lightning struck a garage in Mobile.