



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### ALABAMA, Central

#### Etowah County

**Glencoe**      **05**    **1623CST**      **0**    **0**      **Hail(0.88)**  
Nickel size hail was reported in the city of Glencoe

#### Shelby County

**5 NE Pelham**      **05**    **1753CST**      **0**    **0**      **Hail(0.88)**

#### Shelby County

**5 NE Pelham**      **05**    **1753CST**      **0**    **0**    **120K**      **Thunderstorm Wind (EG52)**  
Nickel size hail covered the ground along US Highway 280 near Brook Highland. Several trees and power lines were blown down near Greystone. US Highway 280 was temporarily closed from Brook Highland Parkway to Valleydale Road due to downed traffic signals and storm debris. The Greystone Country Club sustained damage from fallen trees. Several trees were blown down in the Meadowbrook subdivision.

#### Jefferson County

**Homewood**      **05**    **1806CST**      **0**    **0**    **110K**      **Thunderstorm Wind (EG50)**  
At the intersection of US Highway 31, Mayfair Drive and Wellington Road, several trees were blown down. One of the fallen trees landed on a home and caused damage. At least three automobiles were damaged from fallen trees. Several other trees and power lines were blown down in a few other locations across Homewood. A large light pole fell onto Interstate 65 near Alford Avenue and the interstate was temporarily closed.

#### Jefferson County

**Pleasant Grove**      **05**    **1820CST**      **0**    **0**      **Hail(0.75)**  
Dime to penny size hail briefly covered the ground near Pleasant Grove.

#### Tuscaloosa County

**Kellerman**      **05**    **1841CST**      **0**    **0**    **5K**      **Thunderstorm Wind (EG53)**  
Numerous trees and power lines were blown down in and near Kellerman. Several of the fallen trees temporarily blocked roadways. Dime size hail was also reported during the storm.

#### Tuscaloosa County Countywide

**05**    **1841CST**      **0**    **0**    **60K**      **Lightning**  
Several homes were struck by lightning across Tuscaloosa County. Several fires ensued and produced varying degrees of damage. No injuries were reported in the fires.

#### Jefferson County 2 NW Hueytown

**05**    **1920CST**      **0**    **0**      **Hail(1.00)**

#### Jefferson County 2 NW Hueytown

**05**    **1920CST**      **0**    **0**    **8K**      **Thunderstorm Wind (EG50)**  
Several trees were blown down in the community of Concord. Quarter size hail also fell during the storm.

#### Walker County 4 E Jasper

**06**    **1945CST**      **0**    **0**    **4K**      **Thunderstorm Wind (EG50)**  
Several trees were knocked down in the Boldo area just east of Jasper.

#### Talladega County Sylacauga

**09**    **1401CST**  
**1500CST**      **0**    **0**    **5K**      **Flash Flood**  
Flash flooding occurred near the intersection of Fort Williams Street and Broadway Avenue in downtown Sylacauga. The water had risen over the tires on vehicles and made the roads temporarily impassable

#### Montgomery County 2 S Sprague

**12**    **1445CST**  
**1600CST**      **0**    **0**    **2K**      **Flash Flood**  
High water covered US Highway 331 between Ada and Sellers. The road was temporarily impassable.



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### ALABAMA, Central

#### Cherokee County

Centre	12	1445CST 1545CST			0	0	1K		Flash Flood
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High water covered Park Street in downtown Centre. The roadway was impassable and was temporarily closed.

#### Winston County

Double Spgs	12	1801CST			0	0	11K		Thunderstorm Wind (EG50)
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A roof was blown off an old vacant business office in downtown Double Springs. This office was located on State Highway 195

#### Clay County

7 E Millerville	13	1300CST 1400CST			0	0	47K		Flash Flood
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Two bridges were covered with water and were temporarily impassable. One culvert was washed out. Both of these incidents occurred within five miles of the Mellow Valley community

#### Marion County

Bear Creek	13	1543CST			0	0			Hail(0.88)
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Nickel size hail was reported in the Bear Creek community.

#### ALZ025

Shelby	13	1615CST			0	0	7K		Strong Wind (EG45)
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Several tent booths were blown down at Heardmont Park on State Highway 119. Pea to dime size hail also fell during this storm

#### Tuscaloosa County

Tuscaloosa	13	1620CST			0	0	16K		Thunderstorm Wind (EG52)
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Numerous trees and power lines were blown down across central Tuscaloosa County. Most of the downed trees were in and around Tuscaloosa. At least 5000 customers were without power.

#### Tuscaloosa County

Tuscaloosa	13	1620CST			0	0	45K		Lightning
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One home was struck by lightning in Tuscaloosa. The home suffered minor damage. Two separate apartment complexes were also struck by lightning. The fire produced by the lightning caused minor damage.

#### Tuscaloosa County

Tuscaloosa	13	1629CST 1800CST			0	0	13K		Flash Flood
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At least a dozen vehicles were submerged in high water in the city of Tuscaloosa. At least two feet of water covered the roadway near old Central High School in the Taylorville community just south of Tuscaloosa. A few roadways were closed near the University of Alabama due to high water. One business received over one foot of water on the floor

#### ALZ025

Shelby	13	1650CST			0	0	1K		Strong Wind (EG45)
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A few trees were knocked down at the intersection of County Road 26 and Alabama State Highway 70.

#### Jefferson County

5 S Birmingham	15	1325CST			0	0	1K		Hail(0.75)
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Penny size hail fell sporadically for at least 10 minutes in Vestavia Hills

#### Jefferson County

3 NNE Hoover	15	1330CST 1430CST			0	0	1K		Flash Flood
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Locally heavy rainfall of around 2 inches caused excessive water on the roadways near US Highway



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### ALABAMA, Central

31 and Columbiana Road in Vestavia Hills. The roadways were temporarily impassable.

#### Barbour County

**2 N Clayton**      **15**      **1612CST**                **0**      **0**      **3K**           **Thunderstorm Wind (EG52)**  
 Several trees were blown down and a few large limbs were snapped off near Clayton.

#### Barbour County

**5 E Clio**      **15**      **1628CST**                **0**      **0**      **3K**           **Thunderstorm Wind (EG52)**  
 Several trees were blown down and a few large limbs were snapped off near Tyler Crossroads.

#### Chambers County

**5 S Lanett**      **15**      **2057CST**                **0**      **0**      **2K**           **Thunderstorm Wind (EG52)**  
 Several trees were blown down near Valley and near Kendall Crossroads.

#### Chambers County

**2 W Lafayette**      **15**      **2059CST**                **0**      **0**                     **Hail(0.75)**  
 Penny size hail was reported near Lafayette.

#### Macon County

**Shorter**      **16**      **1526CST**  
**1539CST**                **0**      **0**                     **Hail(0.75)**  
 Penny size hail was reported in and around Shorter.

#### Macon County

**3 W Shorter**      **16**      **1528CST**                **0**      **0**                     **Hail(0.75)**  
 Dime to penny size hail was observed along Interstate 85 at the Montgomery and Macon County line.

#### Montgomery County

**5 E Mt Meigs**      **16**      **1528CST**                **0**      **0**                     **Hail(0.75)**  
 Dime to penny size hail was observed along Interstate 85 at the Montgomery and Macon County line.

#### Tallapoosa County

**Alexander City**      **16**      **1605CST**                **0**      **0**      **35K**           **Lightning**  
 The New Elkahatchee Baptist Church was struck by lightning. The church steeple caught on fire and was destroyed.

#### Lee County

**5 SE Auburn**      **17**      **1505CST**                **0**      **0**                     **Hail(0.75)**  
 Penny size hail was observed in Chewacla State Park.

#### Cherokee County

**Sand Rock**      **17**      **1613CST**                **0**      **0**      **1K**           **Thunderstorm Wind (EG52)**  
 A few trees were blown down near the DeKalb and Cherokee countyline just outside the Sand Rock community.

#### ALZ025

#### Shelby

**21**      **1430CST**                **0**      **0**      **5K**           **Strong Wind (EG45)**  
 A portion of the tin roof was blown off and a back door was blown in at the AC Leg Spice Plant. A back door was blown in at Gout Tech. Both of these businesses were located on US Highway 31.

#### Tuscaloosa County

**Vance**      **21**      **1710CST**                **0**      **0**                     **Hail(1.00)**  
 Quarter size hail was reported in the city of Vance.

#### Clay County

**Central Portion**      **22**      **1400CST**                **0**      **0**      **4K**           **Thunderstorm Wind (EG52)**  
 One home suffered roof damage on County Road 31. Numerous trees were also blown down across the central part of the county.



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### ALABAMA, Central

#### Shelby County

**5 N Chelsea**      22      1435CST                0      0      8K           **Thunderstorm Wind (EG52)**  
A few traffic lights were blown down in Inverness.

#### Tallapoosa County

**Daviston**      22      1515CST                0      0      3K           **Thunderstorm Wind (EG52)**  
A few trees and power lines were blown down in Daviston.

#### Shelby County

**Alabaster**      22      1515CST                0      0      90K           **Lightning**  
A home in the Lake Forest Subdivision was struck by lightning. The home suffered significant fire and water damage. Two firefighters suffered injuries fighting the fire.

#### Shelby County

**Alabaster Shelby Arp**      22      1520CST                0      0      175K           **Thunderstorm Wind (EG50)**  
One airplane was destroyed and one plane was damaged at the Shelby County Airport. A wind gust of 51 MPH (44Knots) was measured at the Shelby County Airport and may have been higher just outside the airport. A few trees were also blown down in the vicinity. A few other trees were blown down in Montevallo and in Liberty Park

#### Shelby County

**Montevallo**      22      1520CST                0      0      4K           **Thunderstorm Wind (EG52)**  
Several trees were blown down along Highway 119 in and near Montevallo.

#### Tallapoosa County

**1.8 SW Reeltown to  
2.8 NW Reeltown**      29      1255CST  
1258CST      3.3      300      0      0      70K           **Tornado (F1)**

National Weather Service meteorologists conducted a storm survey in Tallapoosa County. It has been determined that an F1 tornado occurred with winds estimated around 80 miles an hour. The tornado touched down at approximately 155 PM CDT just east of State Highway 49 or about 1.7 miles southwest of Reeltown. The tornado traveled northwest and ended at approximately 158 PM CDT near the intersection of County Road 45 and Sulphur Springs Road. Numerous trees were uprooted or snapped off along the path of the tornado. Several homes suffered varying degrees of damage. The tornado damage path was 3.25 miles long and 300 yards wide at its widest point.

Begin: 32 34.92/85 49.30    End: 32 37.40/85 50.92

#### Bullock County

**1.3 W Mitchell to  
2.9 NW Mitchell**      29      1416CST  
1419CST      2.2      300      0      0      70K           **Tornado (F0)**

#### Montgomery County

**2.9 SE Cecil to  
1.5 NE Cecil**      29      1419CST  
1425CST      3.8      300      0      0      120K           **Tornado (F0)**

National Weather Service meteorologists conducted a ground survey on Tuesday August 30, 2005. This survey was followed by an aerial survey performed on Wednesday August 31, 2005. It has been determined that an F0 tornado occurred with winds estimated around 70 miles an hour. The tornado touched down at approximately 316 PM CDT, 1.31 miles west of Mitchell in northwestern Bullock County. The tornado crossed State Highway 110 and moved into eastern Montgomery County. The tornado then crossed County Road 2 before lifting around 325 PM CDT, 1.42 miles north northeast of Cecil. The tornado damage path was 5.94 miles long and 300 yards wide at its widest point. Numerous trees were uprooted or snapped off along the path of the tornado. Several structures, homes, and mobile homes were also damaged along the path.

Begin: 32 14.67/85 57.64    End: 32 19.38/85 59.99



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### ALABAMA, Central

#### **Bullock County**

**3.4 W Union Spgs**

**29 1430CST 0.1 25 0 0 1K Tornado (F0)**

Local law enforcement witnessed a brief tornado touchdown west of Union Springs. The brief tornado touched down at approximately 3:30 PM CDT just northwest of the intersection of State Highway 110 and US Highway 82. The tornado dipped down in a rural area and little or no damage was observed. The tornado path was 0.2 miles long and 25 yards wide at its widest point.

Begin/End: 32 09.01/85 46.30

#### **Calhoun County**

**6 SW Piedmont to  
5.5 SW Piedmont**

**29 1453CST  
1456CST 1.5 30 0 0 115K Tornado (F1)**

National Weather Service meteorologists conducted a ground survey on Tuesday August 30, 2005. It has been determined that an F1 tornado occurred with winds estimated around 80 miles an hour in Calhoun County. The tornado touched down at approximately 353 PM CDT, just east of State Highway 9 in the Nances Creek community. This is about 6 miles southwest of Piedmont. The tornado crossed State Highway 9 moving northwest and damaged three homes along Hollingsworth Road. The tornado lifted around 356 PM CDT near Hurricane Mountain. The tornado damage path was 1.52 miles long and 30 yards wide at its widest point. Several trees were uprooted or snapped off along the path of the tornado. At least two homes and a mobile home were damaged along Hollingsworth Road.

Begin: 33 50.84/85 39.70 End: 33 51.96/85 40.54

#### **Macon County**

**5.4 NW Tuskegee to  
8.4 NW Tuskegee**

**29 1519CST  
1524CST 3 400 0 0 30K Tornado (F0)**

National Weather Service meteorologists conducted a storm survey in Macon County. It has been determined that an F0 tornado occurred with winds estimated around 70 miles an hour. The tornado touched down at approximately 419 PM CDT about 3 miles northwest of Interstate 85 at Exit 38. The tornado touched down near the intersection of State Highway 199 and County Road 27. The tornado moved north northwest and lifted around 424 PM CDT approximately 1/2 mile southeast of the Woodland community. Numerous trees were uprooted or snapped off along the path of the tornado. The tornado damage path was 3 miles long and 400 yards wide at its widest point.

Begin: 32 29.30/85 44.86 End: 32 31.56/85 46.01

#### **ALZ011>015-017>050**

**Marion - Lamar - Fayette - Winston - Walker - Blount - Etowah - Calhoun - Cherokee - Cleburne - Pickens - Tuscaloosa - Jefferson - Shelby - St. Clair - Talladega - Clay - Randolph - Sumter - Greene - Hale - Perry - Bibb - Chilton - Coosa - Tallapoosa - Chambers - Marengo - Dallas - Autauga - Lowndes - Elmore - Montgomery - Macon - Bullock - Lee - Russell - Pike - Barbour**

**29 1600CST 0 8 34.9M Tropical Storm**  
**30 0600CST**

Numerous trees and powerlines were knocked down during Katrina. Numerous structures, homes and vehicles were damaged. Power outages were extensive.

Hurricane Katrina made landfall along the Gulf Coast early Monday morning August 29, 2005 as a large category four hurricane. Sustained winds were around 145 mph in southeast Louisiana. Katrina continued northward affecting areas from New Orleans to Mobile. Devastating damage occurred along the Gulf Coast and New Orleans sustained major damage and flooding. Katrina weakened to a tropical storm by Monday evening August 29, 2005 northwest of Meridian. Katrina continued northward across eastern Mississippi overnight. Katrina produced local effects that were widespread across central Alabama. Thousands of trees and



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### ALABAMA, Central

power lines were brought down, minor to major structural damage occurred and power outages were lengthy and widespread. Several locations remained without power for a week or longer. Six tornadoes occurred across central Alabama in association with Katrina, 4 F0's and two F1's. Storm total rain amounts ranged from one inch or less in the northeast to 5 to 6 inches in the northwest counties near the Mississippi state line. Only Tuscaloosa County reported flash flooding and only minor river flooding occurred on the upper Tombigbee River. Alabama Power reported that this was the worst event in their history for damage and power outages statewide. A few storm total rain amounts include Hamilton (4.82 inches), Addison (3.62 inches), Troy (2.18 inches) and Selma (2.00 inches). A few peak wind gusts reported include Cuba (80 mph), Fayette (75 mph), Vance (68 mph), Birmingham (60 mph) and Oakmulgee (49 mph). Many locations west of a line from Selma to Hamilton may have experienced wind gusts up to 80 mph. Two men were injured in Tuscaloosa County when a tree fell in front of their vehicle and then the vehicle slid under it. One person was slightly injured when a tree fell on their home in Pickens County. One man was injured when a tree fell on his car in Marengo County. In Hale County, two people were injured when a tree fell on their mobile home. One man was injured when a tree fell onto his home. One man was injured when he left his vehicle as trees fell around him and he was subsequently hit by another vehicle.

#### **Tuscaloosa County**

##### **Tuscaloosa**

<b>29</b>	<b>1600CST 2200CST</b>				<b>0</b>	<b>0</b>	<b>10K</b>		<b>Flash Flood</b>
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Several roads in the city of Tuscaloosa were flooded. The high water made the roads temporarily impassable and a few of the roads were closed.

#### **Russell County**

##### **16.2 W Phenix City**

<b>29</b>	<b>1641CST</b>	<b>0.1</b>	<b>25</b>		<b>0</b>	<b>0</b>	<b>1K</b>		<b>Tornado (F0)</b>
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National Weather Service meteorologists performed a ground survey across far northwestern Russell County. It has been determined that brief F0 tornado occurred. The tornado touched down in a rural area along the Lee and Russell countyline, just west of County Road 71. The tornado snapped a few trees along its short path. The tornado occurred at approximately 541 PM CDT. The tornado path was only 0.1 miles long and 25 yards wide at its widest point.

Begin/End: 32 27.98/85 16.68

### ALABAMA, North

#### **Lauderdale County**

##### **Florence**

<b>05</b>	<b>1140CST 1143CST</b>				<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Several trees and power lines were blown down in the southern portions of the city, mainly between Florence Boulevard and Veterans Drive.

#### **Colbert County**

##### **Muscle Shoals**

<b>05</b>	<b>1145CST 1148CST</b>				<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Several trees and power lines were blown down.

#### **Colbert County**

##### **Cherokee**

<b>05</b>	<b>1200CST 1203CST</b>				<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Several trees and power lines were blown down.

#### **Jackson County**

##### **Scottsboro**

<b>05</b>	<b>1230CST 1235CST</b>				<b>0</b>	<b>2</b>	<b>100K</b>		<b>Thunderstorm Wind (EG55)</b>
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A downburst struck the Jackson County Park Campground. Several trees and power poles were blown down. A few of the trees fell onto occupied campers resulting in minor injuries to two individuals.

#### **Lauderdale County**

##### **Cloverdale**

<b>05</b>	<b>1322CST 1327CST</b>				<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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Quarter size hail was reported.

#### **Lauderdale County**

##### **Cloverdale**

<b>05</b>	<b>1325CST 1327CST</b>				<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
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Nickel size hail was reported.



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					Killed	Injured	Property	Crops	
<b><u>ALABAMA, North</u></b>									
<b>Colbert County</b>									
Tuscumbia	05	1605CST 1608CST			0	0			Thunderstorm Wind (EG55)
A downburst struck a small section of Tuscumbia. Several trees and power poles were blown down.									
<b>Franklin County</b>									
Dempsey	05	1615CST 1618CST			0	0			Thunderstorm Wind (EG50)
A few trees and power lines were blown down.									
<b>Franklin County</b>									
2 E Red Bay	05	1635CST 1638CST			0	0			Thunderstorm Wind (EG50)
Numerous trees and power lines were knocked down due to both strong winds and lightning strikes									
<b>Cullman County</b>									
Holly Pond	06	0010CST 0013CST			0	0	50K		Thunderstorm Wind (EG50)
A downburst struck a small section of Holly Pond. Several trees were knocked down and ten out buildings were damaged									
<b>Madison County</b>									
Huntsville	06	0200CST 0203CST			0	0			Thunderstorm Wind (EG50)
Two large trees were blown down at a residence in the Five Points section of Huntsville.									
<b>Morgan County</b>									
Decatur	06	0308CST 0311CST			0	0			Thunderstorm Wind (EG50)
Several trees were blown down throughout the city.									
<b>Limestone County</b>									
5 SE Cartwright	06	1350CST 1353CST			0	0			Thunderstorm Wind (EG50)
Two trees were blown down.									
<b>Colbert County</b>									
1 S Tuscumbia	06	1533CST 1536CST			0	0			Thunderstorm Wind (EG50)
A boat was blown into the side of a building at Performance Marine along Highway 72.									
<b>Colbert County</b>									
Tuscumbia	06	1536CST 1539CST			0	0	25K		Thunderstorm Wind (EG50)
A tree blew down on to a house.									
<b>Marshall County</b>									
Albertville	12	1125CST 1128CST			0	0			Thunderstorm Wind (EG50)
A tree was blown down.									
<b>Franklin County</b>									
Russellville	12	1610CST 1613CST			0	0	20K		Thunderstorm Wind (EG55)
A downburst blew over an old barn and knocked down several trees near the intersection of Highways 243 and 24.									
<b>Jackson County</b>									
5 N Hollywood	13	0820CST 0823CST			0	0			Thunderstorm Wind (EG50)
Several trees and power lines were blown down along County Roads 33 and 470.									
<b>Jackson County</b>									
Scottsboro	13	1045CST			0	1			Lightning



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### ALABAMA, North

#### 1046CST

A woman was struck by lightning while on the telephone inside her residence. The woman was transported to the hospital for treatment.

#### Lauderdale County

<b>Elgin</b>	13	1305CST 1308CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Several trees were blown down along Highway 101 just north of Highway 72. Also, minor roof damage occurred to a few out buildings.

#### Morgan County

<b>Decatur</b>	13	1440CST 1445CST			0	0			<b>Hail(0.88)</b>
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Nickel size hail was reported in southern sections of Decatur.

#### Lawrence County

<b>Speake</b>	13	1515CST 1518CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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A tree and a few power lines were blown down.

#### Franklin County

<b>Russellville</b>	15	1255CST 1258CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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A tree was blown down on to power lines.

#### Dekalb County

5 NW Mentone	15	1425CST 1428CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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A tree was blown down at Sequoyah Caverns.

#### Madison County

<b>Huntsville</b>	15	1519CST 1630CST			0	0			<b>Flash Flood</b>
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Water up to three feet deep covered several roads in downtown Huntsville including the intersection of Oakwood and Washington Streets and the intersection of Pratt Avenue and Meridian Street.

#### Madison County

2 ENE Huntsville	15	1530CST 1534CST			0	0			<b>Hail(0.88)</b>
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Nickel size hail was reported on U.S. Highway 72 on the east side of Chapman Mountain.

#### Madison County

1 E Huntsville	15	1530CST 1533CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Several trees were blown down near the intersection of Maysville Road and U.S. Highway 72.

#### Madison County

Huntsville	15	1533CST 1537CST			0	0			<b>Hail(1.00)</b>
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Quarter size hail was reported at the intersection of Sparkman Drive and North Memorial Parkway.

#### Madison County

2 N Huntsville	15	1535CST 1539CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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A few trees were blown down across Chase Road and Blue Springs Road near the Alabama A&M Campus.

#### Dekalb County

<b>Ft Payne</b>	15	1550CST 1555CST			0	0	250K		<b>Thunderstorm Wind (EG65)</b>
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A microburst resulted in significant damage to the Ft Payne High School football stadium. Roofs were removed from several out buildings. The stadium bleachers were flipped over several times and destroyed. Also, several trees were blown down.





# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### ALABAMA, North

#### Madison County

Huntsville	16	1420CST 1423CST			0	0			Thunderstorm Wind (EG50)
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A couple of trees were blown down along with a school zone sign near the Whitesburg Middle School.

#### Limestone County

5 W Elkmont	16	1615CST 1618CST			0	0			Thunderstorm Wind (EG50)
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A few trees and power lines were blown down.

#### Dekalb County

2 SE Collinsville	17	1604CST 1608CST			0	0			Hail(1.00)
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Quarter size hail was reported.

#### Dekalb County

4 E Collinsville	17	1613CST 1616CST			0	0			Thunderstorm Wind (EG50)
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A couple of trees were blown down on County Road 11 near the Dekalb/Cherokee county line

#### Dekalb County

2 E Collinsville	17	1625CST 1628CST			0	0			Thunderstorm Wind (EG50)
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A couple of trees were blown down on County Road 32 and Highway 178.

#### Cullman County

3 NE Hanceville	21	1530CST 1534CST			0	0	40K		Thunderstorm Wind (EG55)
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A downburst blew down twenty trees near the intersection of County Road 747 and Highway 91. Also, three houses sustained minor damage mainly to roofs and windows.

#### Cullman County

5 NNE Bremen	22	1230CST 1234CST			0	0			Thunderstorm Wind (EG50)
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Strong winds flipped over a boat house on Smith Lake.

#### Cullman County

2 W Holly Pond	22	1245CST 1249CST			0	0			Hail(0.75)
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Penny size hail was reported.

#### Cullman County

Holly Pond	22	1250CST 1254CST			0	0			Hail(1.00)
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Quarter size hail was reported.

#### Cullman County

Holly Pond	22	1250CST 1253CST			0	0	25K		Thunderstorm Wind (EG50)
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A few trees were blown down. One tree landed on a house and a car.

#### Marshall County

3 NE Arab	22	1507CST 1510CST			0	0			Thunderstorm Wind (EG50)
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Several power lines were blown down.

#### Lauderdale County

2 NE Florence	22	1600CST 1603CST			0	0			Thunderstorm Wind (EG50)
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Several trees and power lines were blown down.

#### Colbert County

2 NE Muscle Shoals	22	1610CST 1613CST			0	0			Thunderstorm Wind (EG50)
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A few power lines were blown down.



# National Weather Service

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August 2005

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### ALABAMA, North

#### Madison County

Maysville	22	1625CST 1628CST			0	0			Thunderstorm Wind (EG50)
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A few power lines were blown down.

#### Madison County

Gurley	22	1645CST 1648CST			0	0			Thunderstorm Wind (EG50)
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A few power lines were blown down.

#### ALZ001>010-016

**Lauderdale - Colbert - Franklin - Lawrence - Limestone - Madison - Morgan - Marshall - Jackson - Dekalb - Cullman**

29	2000CST				0	0			Tropical Storm
30	0100CST								

The remnants of Hurricane Katrina moved northward along the Alabama/Mississippi state line. Katrina was still a strong tropical storm as the center passed just west of North Alabama during the evening hours of August 29th. Most of North Alabama experienced tropical storm force wind gusts for several hours with a few wind gusts as high as 60 mph being reported. While structural damage was very limited, a few homes did receive minor roof damage due to the loss of a few shingles. Numerous trees and power lines were blown down across the entire area and thousands of people lost power. Katrina moved relatively quickly to the north and thus rainfall was limited. Rainfall amounts were around four to five inches near the Alabama/Mississippi line but tapered off significantly farther to the east with locations near the Alabama/Georgia line only seeing a half inch or less.

### ALABAMA, Southeast

#### Dale County

Ariton	14	1920EST			0	0	0.50K		Thunderstorm Wind (EG50)
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The Dale County EMA reported a few downed trees.

#### Houston County

Ashford	14	2000EST			0	0	0.50K		Thunderstorm Wind (EG50)
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The Houston County Sheriff reported a few downed trees over County Road 33.

#### Houston County

Wicksburg	14	2000EST			0	0	3K		Thunderstorm Wind (EG50)
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The Houston County Sheriff reported some downed power lines.

#### Dale County

Ariton	15	1730EST			0	0	1K		Thunderstorm Wind (EG55)
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The Dale County EMA reported several downed trees.

#### Henry County

4 W Capps	15	1730EST			0	0	2.5K		Thunderstorm Wind (EG55)
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The Henry County EMA reported numerous downed trees on County Road 89 near the Dale County line.

#### Dale County

Echo	15	1750EST			0	0	15K		Thunderstorm Wind (EG55)
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The Dale County EMA reported several downed trees. One home suffered minor roof damage.

#### Dale County

Ozark	15	1755EST 1800EST			0	0	30K		Thunderstorm Wind (EG55)
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The Dale County EMA reported numerous trees and power lines down in Ozark. Power was out in the downtown area for several hours. The 911 operations center was on backup generator.

#### Houston County

Wicksburg	15	1830EST			0	0	15K		Thunderstorm Wind (EG55)
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The Houston County EMA reported numerous trees and power lines down. Scattered power outages were reported in Wicksburg.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

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### ALABAMA, Southeast

### ALABAMA, Southwest

#### Mobile County

**Semmes**      **20**      **1400CST**           **0**      **0**                **Lightning**  
Lightning struck a tree in a pasture where two horses were standing. Both of the horses were killed by the strike

#### Mobile County

**Theodore**      **20**      **1645CST**           **0**      **0**      **25K**      **Lightning**  
Lightning struck a building in Theodore. The building caught on fire and was heavily damaged

#### Baldwin County

**Daphne**      **24**      **1400CST**           **0**      **0**           **Lightning**  
A student at Daphne High School was walking to his vehicle when lightning struck near him and knocked him to the ground. He was examined at the scene and refused to go to the hospital.

#### ALZ051>052-061>064

**Choctaw - Washington - Upper Mobile - Upper Baldwin - Lower Mobile - Lower Baldwin**  
**27**      **1500CST**           **0**      **0**      **1B**      **Hurricane/Typhoon**  
**29**      **2100CST**

For the fourth time this season, the area was threatened by a tropical event. Major Hurricane Katrina impacted portions of the area during the day of August 29th. The storm made landfall over southeast Louisiana around sunrise on August 29. The center of Katrina tracked north northeast near I-59 across southeast Mississippi. Katrina had a large eye and the wind field was also very large. Gusts to hurricane force were felt as far east as the Alabama and Mississippi state line. Wind damage from Katrina decreased as you got farther east of the center of the storm. However, high storm surge values were observed as far east as Destin in Okaloosa county. The storm surge with Katrina was one of the highest ever recorded as far east as Mobile Bay. Coastal counties in Alabama were put under a Hurricane Watch at 300 PM CST on August 27, then a Hurricane Warning at 900 PM CST on August 27. The coastal counties in northwest Florida were put under a Tropical Storm Warning and a Hurricane Watch at 900 PM CST on August 27. The Hurricane Watch was dropped for the coastal counties in northwest Florida at 900 AM CST on August 29. The Tropical Storm Warning for northwest Florida was dropped at 300 PM CST on August 29. The Hurricane Warning for coastal Alabama was changed to a Tropical Storm Warning at 300 PM CST on August 29. All tropical warnings were dropped for the entire area at 900 PM CST on August 29 as Katrina moved rapidly inland. An inland Hurricane Warning was issued for southeast Mississippi and parts of southwest Alabama on August 27 and August 28. All inland tropical warnings were dropped the evening of August 29.

Some of the wind reports from across southwest Alabama on August 29 were as follows: Mobile Regional Airport, sustained wind of 57 knots with a peak gust of 72 knots. Brookley Field, sustained wind of 58 knots with a peak gust of 73 knots. Evergreen, sustained wind of 32 knots with a peak gust of 42 knots. Dauphin Island, sustained wind of 64 knots with a peak gust of 89 knots. USS Alabama, peak gust 90 knots. Semmes, peak gust of 57 knots. Fairhope, peak gust 54 knots. Middle Bay Lighthouse, peak gust of 72 knots. Wind reports across northwest Florida: Pensacola Regional Airport, sustained wind of 49 knots with a peak gust of 60 knots. Pensacola Naval Air Station, sustained wind of 49 knots with a peak gust 62 knots. Pensacola (WEAR-TV), peak gust 50 knots. Valpariaso (Eglin Air Force Base), sustained winds of 33 knots with a peak gust of 46 knots. Destin airport, sustained winds of 30 knots with a peak gust 44 knots. Mary Esther, sustained wind of 38 knots with a peak gust of 52 knots. Wind gusts across southeast Mississippi were estimated to be between 70 and 80 knots.

Some of the lowest sea level pressures recorded with Katrina on August 29 were as follows: Mobile Regional Airport, 983.4 MB. Brookley, 985.8 MB. Dauphin Island, 986.1 MB. Semmes, 982.7 MB.

The highest 48 hour rainfall totals (ending at midnight on August 29). In Alabama: Mobile Regional Airport, 3.80 inches. Semmes, 5.70 inches. Coden, 7.26 inches. Thomasville, 3.17 inches. Daphne, 4.97 inches. In Florida: Pensacola (WEAR), 3.06 inches. Philpot, 7.80 inches. Milton, 4.50 inches. Molino, 5.00 inches. Oak Grove, 6.00 inches. In Mississippi: Flint Creek Water Park, 8.20 inches.

The highest storm tides from Katrina occurred at: Mobile State Docks with 11.45 feet. USS Alabama with 12.0 feet. Dauphin Island with 6.63 feet. Perdido Pass with 5.81 feet. Pensacola with 5.37 feet. Santa Rosa Sound with 4.10 feet. Destin with 4.56 feet. Some other estimated values: Bayou La Batre with 11-14 feet. Dog River area 10-13 feet. Baldwin county with 9-11 feet. Escambia county with 7-9 feet. Santa rosa with 5-8 feet. Okaloosa county with 4-6 feet. The surge values in Mobile Bay were among the highest ever recorded for the area. Over 20 million dollars in damage was done to the Alabama State Docks due to the high surge.

Major beach erosion occurred from Dauphin Island to east of Destin. The west end of Dauphin Island was completely under water with most of the homes on the west end washed away. Flash flooding occurred throughout the day as Katrina moved inland.

High winds from Katrina caused significant tree and power line damage to the counties that border the Mississippi and Alabama state line. Stone and Perry counties in Mississippi received the most damage. The damage in those two counties resembled the inland damage that hurricane Ivan produced in Alabama last year. Highway 98 in Okaloosa county again had some of the lanes damage due to surge. I-10 bridge across Pensacola Bay was closed for several hours due to high winds. The Wallace Tunnel was closed due to high water from the surge. Most of the businesses on the Causeway over Mobile Bay were damaged or destroyed by



# National Weather Service

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### ALABAMA, Southwest

the high water. An oil rig being worked on broke free and floated up Mobile Bay and became lodged underneath the Cochran-Africatown Bridge. The bridge had to be closed for several hours until it could be inspected for damage. Several weak tornadoes occurred across the area.

No direct deaths were reported with Katrina in southeast Mississippi, southwest Alabama and northwest Florida

#### Mobile County

<b>Semmes</b>	<b>28</b>	<b>1454CST 1456CST</b>	<b>1</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>5K</b>		<b>Tornado (F0)</b>
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A weak tornado developed along the outer bands of hurricane Katrina. The weak tornado blew down several trees and power lines near Semmes.

#### Baldwin County

<b>Ft Morgan</b>	<b>28</b>	<b>1804CST 1806CST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>4K</b>		<b>Tornado (F0)</b>
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A weak tornado developed along the outer bands of hurricane Katrina. The weak tornado blew down several trees and power lines just east of Fort Morgan.

#### Mobile County

<b>Alabama Port</b>	<b>28</b>	<b>1822CST 1824CST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>5K</b>		<b>Tornado (F0)</b>
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A weak tornado developed along the outer bands of hurricane Katrina. The weak tornado moved in from Mobile Bay and quickly dissipated over land. The tornado blew down several trees and power lines near Alabama Port.

#### Mobile County

<b>Countywide</b>	<b>29</b>	<b>0500CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 5-8 inches of rain fell across the county with the heaviest being across the west half of the county.

#### Escambia County

<b>7 S Huxford to 5 S Huxford</b>	<b>29</b>	<b>0630CST 0632CST</b>	<b>2</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>5K</b>		<b>Tornado (F0)</b>
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A weak tornado developed near I-65 and Highway 21. The tornado moved northwest along Highway 21 and dissipated near the prison. The weak tornado remained over open farm land and blew down several trees and power lines.

#### Washington County

<b>Countywide</b>	<b>29</b>	<b>0900CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 4-6 inches of rain fell across the county during the day.

#### Escambia County

<b>Countywide</b>	<b>29</b>	<b>1200CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 4-6 inches of rain fell across the county with the heaviest being across the west half of the county.

#### Monroe County

<b>Countywide</b>	<b>29</b>	<b>1200CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 4-6 inches of rain fell across the county with the heaviest being across the west half of the county.

#### Clarke County

<b>Countywide</b>	<b>29</b>	<b>1200CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

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### ALABAMA, Southwest

throughout the day. Radar estimated that 3-5 inches of rain fell across the county.

**Choctaw County**  
Countywide

29	1200CST 1830CST				0	0			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 4-6 inches of rain fell across the county.

**Baldwin County**  
Countywide

29	1200CST 1830CST				0	0			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 4-6 inches of rain fell across the county.

**Conecuh County**  
Countywide

29	1430CST 1830CST				0	0			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 3-5 inches of rain fell across the county with the heaviest being across the southwest part of the county.

**Butler County**  
Countywide

29	1430CST 1830CST				0	0			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 3-5 inches of rain fell across the county with the heaviest being across the west half of the county.

**Wilcox County**  
Countywide

29	1430CST 1830CST				0	0			<b>Flash Flood</b>
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Heavy rains from Hurricane Katrina caused flooding across most of the county. Several streets had to be closed off and on throughout the day. Radar estimated that 3-5 inches of rain fell across the county with the heaviest being across the west half of the county.