



National Weather Service

Storm Data and Unusual Weather Phenomena



June 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

ALABAMA, Central

Winston County

2 NE Lynn **06** **1539CST** **0** **0** **22K** **Thunderstorm Wind (EG50)**
 Emergency Management Officials reported minor roof damage and trees and power lines blown down on County Road 25 between Lynn and Double Springs.

St. Clair County

5 SSW Ashville **08** **1330CST** **0** **0** **8K** **Thunderstorm Wind (EG52)**
 Several trees were blown down and blocking the road on US Highway 231 just south of State Highway 33.

Jefferson County

Birmingham **08** **1400CST**
 1500CST **0** **0** **7K** **Flash Flood**
 Excessive street flooding was reported near the University of Alabama at Birmingham. A few roads were temporarily impassable

Elmore County

Wetumpka **08** **1800CST**
 1900CST **0** **0** **8K** **Flash Flood**
 Several roadways across central Elmore County were covered with water and were temporarily impassable.

Autauga County

Prattville **08** **1810CST**
 1910CST **0** **0** **11K** **Flash Flood**
 Several roads across northern Prattville and adjacent central Autauga County were closed due to high water covering the roads.

Marengo County

Demopolis **08** **2130CST**
 2230CST **0** **0** **3K** **Flash Flood**
 Several streets in Demopolis were covered with water and were temporarily impassable

ALZ013>015-017-022>025-027-029>035-038>042 **Fayette - Winston - Walker - Blount - Pickens - Tuscaloosa - Jefferson - Shelby - Talladega - Randolph - Sumter - Greene - Hale - Perry - Bibb - Chilton - Chambers - Marengo - Dallas - Autauga - Lowndes**

11 **1200CST** **0** **0** **104K** **Strong Wind (EG40)**
12 **0800CST**

Arlene formed late Wednesday June 8th, 2005. The tropical system developed off the coast of Honduras in the western Caribbean and moved generally north northwest. The storm grazed the tip of western Cuba on Friday June 10th, 2005 and then entered the Gulf of Mexico, with winds sustained around 70 miles an hour. Arlene weakened just before it reached the United States mainland and did not reach Hurricane force. Arlene made landfall Saturday afternoon, June 11th, 2005 just west of Pensacola, Florida as a Tropical Storm. Arlene was downgraded to a tropical Depression Saturday evening as it entered central Alabama. Arlene continued northward across central Alabama through early Sunday morning. Arlene eventually lost its tropical characteristics over eastern Michigan Monday afternoon, June 13th, 2005.

Arlene's local effects were rather minor. Storm total rain amounts were generally 1 to 3 inches east of Interstate 65 and 2 to 5 inches west of Interstate 65. Locally higher amounts up to 6 to 8 inches were possible. Many counties received sustained winds of 20 to 30 miles an hour briefly, mainly associated with stronger outer bands. Estimated maximum wind gusts ranged between 35 and 45 miles an hour with a few higher amounts possible. The heaviest rain and strongest winds were generally experienced west of Interstate 65. Several trees and power lines were blown down across central Alabama as the storm moved through the area. Many thousands of residents were without power for several hours. A few homes suffered minor roof damage. A few cities reported minor urban flooding that lasted only a few hours.

The heaviest rain and highest wind gusts were sporadic in nature and occurred from late Saturday afternoon into early Sunday morning areawide. The variability was due to stronger feeder bands and location of the remnant tropical system

Here are a few measured wind gusts (miles per hour) that happened to find the equipment;

Mercedes-Benz Vance..40.....Advent Episcopal School Birmingham..38.....Birmingham Race Course..37.....Dannelly Field Montgomery..35.....Auburn..35.....Thorsby..32.....Alexander City Middle School..31.....Gadsden..31.



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ALABAMA, Central

Here are a few measured 48 hour rainfall amounts (inches);

Newburn..4.60.....Demopolis..4.52.....Jasper..4.25.....Livingston..4.25.....Uniontown..4.20.....Oliver L&D..4.18.

Montgomery County Hope Hull

| | | | | | | | | | |
|-----------|----------------|----------|----------|--|--|--|--|--|---------------------|
| 11 | 1810CST | 0 | 0 | | | | | | Funnel Cloud |
|-----------|----------------|----------|----------|--|--|--|--|--|---------------------|

A funnel cloud was sighted near the Hope Hull community.

Barbour County Countywide

| | | | | | | | | | |
|-----------|----------------|----------|----------|--|--|--|--|--|---------------------|
| 11 | 1830CST | 0 | 0 | | | | | | Funnel Cloud |
|-----------|----------------|----------|----------|--|--|--|--|--|---------------------|

Several funnel clouds were sighted countywide as a stronger feeder band associated with Tropical Storm Arlene moved through Barbour County. No damage or tornado touchdowns were confirmed.

ALZ022-030>032-039

Pickens - Sumter - Greene - Hale - Marengo

| | | | | | | | | | |
|-----------|----------------|----------|----------|------------|--|--|--|--|--------------|
| 12 | 0645CST | 0 | 0 | 20K | | | | | Flood |
| 17 | 0000CST | | | | | | | | |

Tropical Storm Arlene dumped heavy rain across Central Alabama generally from June 10th through June 12th. The runoff affected the river stages through June 17th. The heaviest rainfall of 2 to 5 inches, with isolated amounts up to 8 inches, occurred over the western half of Central Alabama. The heavy rain amounts primarily affected the Tombigbee, Lower Black Warrior and Sucarnoochee River Basins where mainly minor flooding occurred. The higher stages primarily resulted in the overflow of farm and pastureland. Additional minor overflow occurred along the Lower Cahaba, Lower Alabama and Lower Tallapoosa Rivers where only caution stages were reached. In Greene County, several roads were temporarily flooded due to river overflow. One road was totally washed away. In Pickens County, a few area creeks were backed up and subsequently flooded. This flooding caused a few roads to become temporarily impassable.

Tuscaloosa County Tuscaloosa

| | | | | | | | | | |
|-----------|----------------|----------|----------|------------|--|--|--|--|------------------|
| 16 | 1713CST | 0 | 0 | 48K | | | | | Lightning |
|-----------|----------------|----------|----------|------------|--|--|--|--|------------------|

Lightning struck a home in Tuscaloosa leaving a 30 foot hole in the roof. The combination of a minor fire and water entering the home caused major damage.

Calhoun County Coldwater

| | | | | | | | | | |
|-----------|----------------|----------|----------|--|--|--|--|--|-------------------|
| 20 | 1527CST | 0 | 0 | | | | | | Hail(0.75) |
|-----------|----------------|----------|----------|--|--|--|--|--|-------------------|

Penny size was reported in the Coldwater community.

Cherokee County 2 NNW Leesburg

| | | | | | | | | | |
|-----------|----------------|----------|----------|--|--|--|--|--|-------------------|
| 20 | 1630CST | 0 | 0 | | | | | | Hail(0.75) |
|-----------|----------------|----------|----------|--|--|--|--|--|-------------------|

Penny size hail was observed at a mountain top bed and breakfast near Leesburg.

Blount County Summit

| | | | | | | | | | |
|-----------|----------------------------------|----------|----------|-----------|--|--|--|--|---------------------------------|
| 20 | 1905CST 1910CST | 0 | 0 | 4K | | | | | Thunderstorm Wind (EG52) |
|-----------|----------------------------------|----------|----------|-----------|--|--|--|--|---------------------------------|

Several trees were blown down in the vicinity of Highway 79 and mile marker 53.

Blount County Snead

| | | | | | | | | | |
|-----------|----------------|----------|----------|------------|--|--|--|--|------------------|
| 20 | 1913CST | 0 | 0 | 13K | | | | | Lightning |
|-----------|----------------|----------|----------|------------|--|--|--|--|------------------|

Lightning struck the Baptist Health Center building. The lightning strike caused minor structural damage.

ALABAMA, North

Lauderdale County 2 W Cloverdale

| | | | | | | | | | |
|-----------|----------------------------------|----------|----------|--|--|--|--|--|---------------------------------|
| 06 | 1010CST 1012CST | 0 | 0 | | | | | | Thunderstorm Wind (EG50) |
|-----------|----------------------------------|----------|----------|--|--|--|--|--|---------------------------------|

A few large limbs and power lines were blown down.



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| <u>ALABAMA, North</u> | | | | | | | | | |
| Lauderdale County | | | | | | | | | |
| Florence | 06 | 1030CST 1034CST | | | 0 | 0 | | | Hail(1.00) |
| | | | | | | | | | Quarter size hail was reported. |
| Colbert County | | | | | | | | | |
| Sheffield | 06 | 1035CST 1037CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | Several small trees were blown down |
| Lauderdale County | | | | | | | | | |
| Cloverdale | 06 | 1038CST 1040CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A large tree was blown down along Highway 10 near Cloverdale. |
| Jackson County | | | | | | | | | |
| Hollytree | 06 | 1220CST 1222CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A few trees were blown down along Highway 65 near Hollytree. |
| Jackson County | | | | | | | | | |
| Section | 06 | 1220CST 1222CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A tree was blown down along County Road 337. |
| Madison County | | | | | | | | | |
| Harvest | 06 | 1245CST 1247CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A couple of trees were blown down at Key Road and Carroll Road |
| Morgan County | | | | | | | | | |
| 2 SW Somerville | 06 | 1250CST 1252CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A few small trees were blown down on Brindley Mountain |
| Madison County | | | | | | | | | |
| Meridianville | 06 | 1308CST 1338CST | | | 0 | 0 | | | Flash Flood |
| | | | | | | | | | Several inches of water covered the roads in Meridianville. |
| Dekalb County | | | | | | | | | |
| 6 W Fyffe | 06 | 1310CST 1315CST | | | 0 | 0 | | | Hail(0.75) |
| | | | | | | | | | Penny size hail was reported in Bucks Pocket State Park. |
| Jackson County | | | | | | | | | |
| 4 SE Langston | 06 | 1310CST 1315CST | | | 0 | 0 | | | Hail(0.75) |
| | | | | | | | | | Penny size hail was reported in Bucks Pocket State Park. |
| Dekalb County | | | | | | | | | |
| Geraldine | 06 | 1343CST 1347CST | | | 0 | 0 | | | Hail(0.88) |
| | | | | | | | | | Nickel size hail was reported. |
| Dekalb County | | | | | | | | | |
| Geraldine | 06 | 1355CST 1357CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A few trees were blown down. |
| Jackson County | | | | | | | | | |
| Trenton | 20 | 1640CST 1645CST | | | 0 | 0 | | | Hail(1.00) |
| | | | | | | | | | Quarter size hail was reported along with 45 mph wind gust. |
| Madison County | | | | | | | | | |
| 2 SE New Market | 20 | 1715CST 1717CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A tree was blown down at a residence along Hurricane Road. |



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ALABAMA, North

Morgan County

| | | | | | | | | | |
|---------|----|--------------------|--|--|---|---|--|--|------------|
| Decatur | 20 | 1720CST 1725CST | | | 0 | 0 | | | Hail(0.75) |
|---------|----|--------------------|--|--|---|---|--|--|------------|

Penny size hail was reported at Cedar Ridge Golf Course.

Madison County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------------|
| 4 E Normal | 20 | 1732CST 1734CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|------------|----|--------------------|--|--|---|---|--|--|--------------------------|

A wind gust was estimated at 60 mph and pea size hail was observed.

Cullman County

| | | | | | | | | | |
|-------|----|--------------------|--|--|---|---|--|--|--------------------------|
| Joppa | 20 | 1838CST 1845CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-------|----|--------------------|--|--|---|---|--|--|--------------------------|

Several trees were blown down along Highway 231 and along County Roads 1807, 1814, and 1815

Marshall County

| | | | | | | | | | |
|----------|----|--------------------|--|--|---|---|--|--|------------|
| 2 W Arab | 20 | 1840CST 1845CST | | | 0 | 0 | | | Hail(1.00) |
|----------|----|--------------------|--|--|---|---|--|--|------------|

Quarter size hail was reported along Highway 69.

Cullman County

| | | | | | | | | | |
|----------------|----|--------------------|--|--|---|---|--|--|--------------------------|
| 1 S Holly Pond | 27 | 1530CST 1532CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|----------------|----|--------------------|--|--|---|---|--|--|--------------------------|

A 18 inch diameter limb was blown down off a maple tree at a residence.

Cullman County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|--------------------------|
| Holly Pond | 27 | 1530CST 1532CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|------------|----|--------------------|--|--|---|---|--|--|--------------------------|

A 12 inch diameter tree was blown down onto a power line.

ALABAMA, Southeast

NONE REPORTED.

ALABAMA, Southwest

Monroe County

| | | | | | | | | | |
|-------------|----|--------------------|--|--|---|---|--|--|------------|
| Monroeville | 02 | 1330CST 1333CST | | | 0 | 0 | | | Hail(0.88) |
|-------------|----|--------------------|--|--|---|---|--|--|------------|

Mobile County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|-----|--|-----------|
| Citronelle | 07 | 1230CST | | | 0 | 0 | 10K | | Lightning |
|------------|----|---------|--|--|---|---|-----|--|-----------|

Lightning struck a large oil barrel tank and set it on fire. The fire spread to five other tanks and they were also destroyed. No injuries were reported.

ALZ051>056-059-061>064 Choctaw - Washington - Clarke - Wilcox - Monroe - Conecuh - Escambia - Upper Mobile - Upper Baldwin - Lower Mobile - Lower Baldwin

| | | | | | | | | | |
|--|----|---------|--|--|---|---|------|--|----------------|
| | 10 | 0300CST | | | 0 | 0 | 1.5M | | Tropical Storm |
| | 11 | 1800CST | | | | | | | |

Tropical Storm Arlene moved across the area during the afternoon and evening of June 11. The area was put under a Tropical Storm Watch at 300 AM CST on June 10, then a Tropical Storm Warning and a Hurricane Watch at 900 AM CST on June 10. The area was then put under a Hurricane Warning at 900 PM CST on June 10. The Hurricane Warning was dropped to a Tropical Storm Warning at 300 PM CST on June 11. All Tropical Warnings were dropped at 600 PM CST on June 11 as the remains of Arlene moved inland across Southwest Alabama.

Arlene made landfall near Perdido Key around 130 PM CST Saturday afternoon. Arlene tracked north northwest across Southwest Alabama along a similar track that Ivan had taken a few months earlier

Some of the winds recorded across Southwest Alabama and Northwest Florida were as follows: Pensacola Regional Airport, sustained wind of 33 knots with gusts to 44 knots. Pensacola Naval Air Station, sustained wind of 29 knots with gusts to 39 knots. Destin airport, sustained winds of 30 knots with gusts to 39 knots. Eglin Air Force Base in Valpariaso, sustained wind of 30 knots with gusts to 43 knots. Hurlburt Air Force Base in Mary Esther, sustained wind of 30 knots with gusts to 40 knots. Whiting Field



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ALABAMA, Southwest

Naval Air Station in Milton, sustained wind of 33 knots with gusts to 47 knots. Evergreen Airport, sustained wind of 30 knots with gusts to 36 knots. Dauphin Island, sustained wind of 34 knots with a gust to 47 knots. One of the highest wind speeds was at the Navarre Fire Station with a gust of 52 knots being recorded.

The lowest sea level pressures were recorded at WEAR-TV in Pensacola with 988.8 MB, Pensacola Naval Air Station 991.5 MB and at Pensacola Regional Airport with 991.9 MB.

The highest 24 hour rainfall totals ending at midnight on June 11 across the area were Mobile Regional Airport with 4.52 inches, 2 miles south of Mobile Regional Airport, 5.81 inches, Alberta, AL with 4.60 inches, Pace, FL with 4.42 inches and Gulf Breeze, FL with 3.56 inches.

The highest storm tides were at Pensacola Coast Guard Station with 3.9 feet, Perdido Pass with 3.7 feet and Destin with 3.3 feet.

Minor beach erosion occurred from Dauphin Island in Alabama to Destin in Florida.

Storm tide flooding occurred in several places on Santa Rosa Island. The high water breaches occurred at Fort Pickens in several spots and between Pensacola and Navarre Beaches.

Since Arlene followed along a similar track as Ivan took only nine months earlier, trees that had been damaged by Ivan were blown down as Arlene moved inland. Trees and power lines were blown down along the track of Arlene with most of the damage near the center of the storm. Except for some trees falling onto homes, very little structural damage was reported.

Only one tornado was reported and that did minor damage around Navarre.

The only flooding reported was around Mobile Regional Airport where almost 3.5 inches of rain fell in a short period of time. This caused temporary street flooding around communities near the airport.

Mobile County

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| West Central Portion | 11 | 1330CST 1415CST | | | 0 | 0 | | | Flash Flood |
| Heavy rains from Tropical Storm Arlene caused streets to flood around the airport. Several roads had to temporarily close due to standing water. Four to six inches of rain fell around the airport in a two to three hour period. | | | | | | | | | |

Washington County

| | | | | | | | | | |
|----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Malcolm | 15 | 1850CST 1852CST | | | 0 | 0 | | | Hail(0.75) |
|----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|

Mobile County

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|------------|--|---------------------------------|
| (Mob)Mobile Bates Fl | 15 | 2015CST 2018CST | | | 0 | 0 | 10K | | Thunderstorm Wind (EG55) |
| High winds from a thunderstorm blew down trees and power lines near the airport. | | | | | | | | | |