



August 2001 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage Character of Storm **ALABAMA, North Central Shelby County** Pelham 05 0 1K 0 1535CST 0 Tstm Wind/Hail A few small trees were blown down in Pelham. **Bibb County** West Blocton 05 1546CST 1K 0 0 Tstm Wind/Hail A few small trees were knocked down in West Blocton. **Dekalb County** 05 1818CST 0 Ft Payne $\mathbf{0}$ 1K 0 Thunderstorm Wind (G50) A few trees were blown down in Fort Payne. **Autauga County** Countywide 06 0900CST 0 0 0 0 Heavy Rain 2100CST **Bibb County** 0900CST 2100CST Countywide 06 0 0 0 0 Heavy Rain **Bullock County** Countywide 06 0900CST 0 0 0 0 **Heavy Rain** 2100CST **Chilton County** Countywide 06 0900CST 2100CST 0 $\mathbf{0}$ 0 0 Heavy Rain **Coosa County** Countywide 06 0900CST 2100CST 0 0 0 0 **Heavy Rain Elmore County** Countywide 06 0900CST 2100CST 0 **Heavy Rain Jefferson County** Countywide 06 0900CST 2100CST 0 0 0 0 **Heavy Rain Lowndes County** 0900CST 2100CST Countywide 06 0 $\mathbf{0}$ 0 0 **Heavy Rain Macon County** 0900CST 2100CST 0 0 Countywide 06 0 0 Heavy Rain **Montgomery County** Countywide 0900CST 2100CST 06 Heavy Rain **Perry County** 0900CST 2100CST Countywide 06 0 0 0 0 Heavy Rain **Pike County** Countywide 0900CST 0 0 06 Heavy Rain 2100CST **Shelby County** 0900CST 2100CST 0 0 Countywide 06 Heavy Rain

The remnants of Tropical Storm Barry moved northwestward cutting across the southern and central portions of Alabama. The center of the remnants moved from Dallas County across Hale, Greene, and Pickens counties. Heavy rain occurred generally from Troy to Montgomery to the Birmingham area with much of the area getting 1.50 to 3 inches of rain. Relatively dry conditions in the week before helped to reduce the impact of any heavy rain. One big impact of the rain was the cancellation of an N'Sync concert scheduled for Legion Field in Birmingham. The loss from the cancellation of the concert alone was estimated to be \$2 million. Wind was not a major factor with the storm as wind gusts in the area peaked out around 35 mph. Some specific wind gust values included Birmingham with 31 mph, Calera with 29 mph, Montgomery with 39 mph, and Troy with 31 mph.





August 2001 Time Local Path Length Path Number of Estimated Persons Damage Width ALABAMA, North Central **Madison County** 0 0 8K 0 Countywide 10 0700CST Flash Flood High water covered all the roads in and around the city of New Hope, which included US 431. The water made the roads temporarily impassable. Streets in and around Owens Crossroads were impassable due to very heavy rainfall in a short period of time. **Morgan County** Countywide 10 0730CST 1300CST 50K Flash Flood Extensive flooding occurred on many roadways and streams across Morgan County. Many roads were closed through the early afternoon hours and several bridges were flooded. High water made the roads extremely dangerous and impassable. Sandbags were placed around 2 to 3 homes in Hartselle due to flooding. Three businesses sustained minor damage when flood waters entered the buildings. **Marshall County** Countywide 10 100K Flash Flood Radar estimated four to seven inches of rainfall fell in a short period of time. Widespread road and stream flooding occurred across Marshall County. Several trees fell down due to soil being eroded away. Two men were rescued from a swollen creek when their vehicle was swept away. Another man and a small child were rescued from a vehicle as it too was swept away in high water. Both of these events occurred just northeast of Arab. All the occupants of the vehicles were saved and received only minor injuries. Several automobiles were under standing water and some people had to be rescued from these stranded vehicles. Lightning struck several power poles and knocked them down. A few homes were also struck by lightning and subsequently caught fire. One home sustained heavy damage. **Limestone County** 12K Countywide 10 0800CST Flash Flood Several roads throughout the county temporarily had two to three feet of water over them. This flooded several vehicles and made the roads impassable. **Jackson County** 1440CST **Bryant** 12 0 Lightning A minor traffic accident occurred on SR 73 in Bryant. A group of three fire fighters and two other men were standing next to the accident scene when lightning struck a tree nearby. One man in his 60's was killed and four others received injuries of varying intensity. M65UT **Madison County** Countywide 12 1700CST Flash Flood 1900CST Several roads were temporarily covered by high water and were very hazardous to travel on. The area mainly affected by the heavy rainfall was just north of Huntsville. Marengo County 3 E Putnam to Dixons Mills **17** 2K 1946CST Thunderstorm Wind (G50) Several large tree limbs and one power pole were blown down from near Putnam to near Dixons Mill. Many of the limbs temporarily blocked roadways and were removed by fire department personnel. **Tuscaloosa County** Northport 1355CST 0 0 1K 0 Thunderstorm Wind (G50) Trees and power lines were blown down in Northport and around Northwood Lake.





August 2001 Time Local/ Path Length Path Number of Estimated Width Persons Damage **ALABAMA, North Central** Tuscaloosa County 1420CST 0 1K 0 18 Vance Thunderstorm Wind (G50) Trees were blown down in Vance. **Shelby County** 18 1K Calera 1506CST 0 Thunderstorm Wind (G50) Trees were blown down in the vicinity of the Shelby County Airport. Randolph County 18 4K Wedowee 1530CST 0 Thunderstorm Wind (G55) The courthouse in Wedowee sustained minor roof damage in the form of shingles being removed. The power was also interrupted for a few hours. **Lamar County** Millport 1700CST 1K Thunderstorm Wind (G50) A few trees and power lines were blown down in Millport and also in Kennedy ALZ006 Madison Extreme Cold The morning low temperature measured at the Huntsville International Airport was 57 degrees which established a new record low temperature for the date. **Lauderdale County** 1300CST Florence Hail (0.88) Dime to nickel size hail fell in and around the city of Florence. **Lauderdale County** 5K Lexington Thunderstorm Wind (G57) Wind gusts were estimated at 60 to 70 miles an hour. This strong wind blew down a large ham radio antenna **Colbert County** 27 1307CST Leighton Hail (0.88) **Colbert County** 27 Leighton 1307CST 2K 0 Thunderstorm Wind (G50) Trees were blown down near Leighton. Nickel size hail was also reported with this storm. **Jefferson County** Birmingham 31 1700CST Flash Flood 1900CST Very heavy rain in a short period of time flooded several locations in the city of Birmingham. Several roads were temporarily impassable in Hoover and Birmingham. An automobile dealership, Med Center Mazda, reported several vehicles underwater and severely damaged. **Talladega County** 3 WSW Lincoln to 1.6 NNW Lincoln 1702CST 1707CST 3.5 30 75K Tornado (F1) A small tornado touched down in a wooded area just southwest of exit 165 on Interestate 20. The tornado moved northeast moving across three structures on the south side of the Interstate, two of the structures suffered extensive damage. The tornado moved across CR 207 where several trees were downed and a small portion of the roof of an unoccupied building was damaged. It crossed

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Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

ALABAMA, North Central

Calhoun County Countywide

31 1712CST 0 0 6K 0 Thunderstorm Wind (G55)

Several trees were blown down across the Calhoun County with a bow echo that moved diagonally across much of the county. Much of the scattered tree damage occurred in the southwest sections of Calhoun County.

ALABAMA, Southeast

ALZ065>069 Coffee - Dale - Henry - Geneva - Houston

05 1800EST 0 0 250K Tropical Storm 06 1800EST

Tropical Storm Barry moved ashore between Panama City and Destin, Florida, during the early morning hours of 6 August, then rapidly weakened to a tropical depression over southwest Alabama by afternoon. Rainbands associated with Barry began moving northward across much of southeast Alabama during the late evening hours of 5 August. Maximum sustained winds of 25-30 mph with gusts to 40 mph were reported. 24-hour rainfall totals from Barry ranged from 1.22 inches at Dothan to 3.50 inches at Ozark, Alabama.

Due to already saturated grounds, the strong winds felled numerous trees, many of those into power lines causing scattered outages in Coffee, Geneva and Dale counties. Several county roads were impassable due to downed trees, limbs and debris. Only minor street flooding was reported in Geneva, Enterprise and New Brockton, Alabama.

ALABAMA, Southwest

ALZ061>064

Upper Mobile - Upper Baldwin - Lower Mobile - Lower Baldwin

04 0900CST 0 0 40K Tropical Storm 05 2300CST

Tropical Storm Barry affected the area on the 4th and 5th. Coastal Alabama was put under a Tropical Storm Watch at 900 am on August 4. The watch was upgraded to a Tropical Storm Warning at 300 pm on August 4 and to a Hurricane Warning at 700 am on August 5. The Hurricane Warning was lowered to a Tropical Storm Warning at 900 pm on August 5 and dropped at 1100 pm on August 5. Most of the damage along coastal Alabama was minor beach erosion. The new berm on Dauphin Island, built to protect homes against storm surge, had a twenty foot section of the berm washed away. Storm surge in coastal Mobile and Baldwin counties was estimated at 1 to 2 feet. The highest wind speed measured in the area was a gust of 35 mph at the Mobile Regional Airport. Very little rain fell over coastal Alabama with Brookley getting about three-quarters of an inch.

ALZ054>058-060

Wilcox - Monroe - Conecuh - Butler - Crenshaw - Covington

Tropical storm Barry moved inland on the morning of August 6. An Inland Tropical Storm Wind Warning was in effect as Barry tracked across Covington, Conecuh, Monroe and Wilcox counties between 500 am and noon. Near the center and just to the right of the center, numerous trees and light weight structures were damaged. The counties with the most damage were Covington, Crenshaw and Butler. About one hundred thousand dollars worth of damage occurred in Covington county, where numerous trees were blown down from Florala to Andalusia. Some damage to awnings and light weight structures also occurred in Florala. Trees were blown down across Butler and Crenshaw counties. Minor damage occurred in Conecuh, Monroe and Wilcox counties, with most of that being trees blown down.



(Mob)Mobile Bates Fl

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National Weather Service Storm Data and Unusual Weather Phenomena



August 2001 Time Local/ Path Length Path Width Number of Estimated Persons Damage ALABAMA, Southwest **Mobile County** 0 0 5K Mobile 10 1658CST Thunderstorm Wind (G55) A brief, but strong, thunderstorm wind gust produced minor roof damage to a church and downed several trees near the Dog River Bridge. **Mobile County** Mobile 12 1030CST 1130CST 0 Flash Flood Very slow moving thunderstorms produced very heavy rainfall, which resulted in some flash flooding in parts of the west and midtown areas of the city. Several streets and roadways in the area were briefly flooded, including parts of Airport Blvd, Telegraph Road and Government Street. **Choctaw County** 25K **Butler to** 17 1900CST Thunderstorm Wind (G50) Lisman High winds from thunderstorms blew down numerous trees along SR 10 between Lisman and Butler. A couple of the trees landed on vehicles. **Washington County** 8K Millry 17 1915CST 1917CST Thunderstorm Wind (G50) High winds from a thunderstorm blew down several trees just east of Millry. **Baldwin County Point Clear** 18 1330CST 0 0 Waterspout A large waterspout was observed over Mobile Bay, just west of Point Clear. The spout dissipated over the bay **Clarke County** 19 1205CST 0 5K Jackson Thunderstorm Wind (G50) Trees were blown down near Jackson by high winds from a thunderstorm. **Baldwin County** 8K Stockton 19 Thunderstorm Wind (G50) Trees and power lines were blown down near Stockton. **Baldwin County** 19 1330CST **Daphne** 3K Lightning Lightning hit a gas line going into a home. The gas line ruptured and started a fire in the house. The fire department quickly extinguished the blaze. **Covington County** Andalusia 19 Hail (0.75) **Covington County** 1440CST 1442CST 8K Florala 19 Thunderstorm Wind (G50) Trees and power lines were blown down by high winds from a thunderstorm. **Choctaw County** 5K Gilbertown 20 1700CST 1702CST 0 Thunderstorm Wind (G50) Trees were blown down by winds from a thunderstorm near Gibertown. **Washington County Deer Park** 20 1715CST 1717CST 5K Thunderstorm Wind (G50) Several trees were blown down near Deer Park as a line of thunderstorms moved through. **Mobile County**

The National Weather Service office got hit by lightning. Several pieces of electronic equipment were damaged.

100K

Lightning





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ALABAMA, Southwest

Mobile County

Heavy rains caused streets to flood around the airport. Several roads were impassable for about thirty minutes. Over two inches of rain fell in a very short time. The roads started draining as soon as the heavy rain stopped.