

Number of

Estimated

Path



July 2002

Time Local/ Path Length Width Persons Damage **ALABAMA, North Central Madison County** New Market 01 1550CST 0 0 3K 0 Thunderstorm Wind (G50) A few large trees and power lines were blown down near New Market. **Madison County** Huntsville 01 1600CST 2K 0 Thunderstorm Wind (G50) A few trees and power lines were blown down in the western part of Huntsville **Dekalb County Fyffe** 1605CST 0 0 0 0 Hail(1.00) Quarter size hail was reported in Fyffe. **Shelby County** Vandiver 1244CST 1K Hail(1.00) Quarter size hail was reported covering the ground in Vandiver. **Jefferson County** Gardendale 02 1310CST 0 0 0 Hail(0.75) Dime size hail was observed in Gardendale. Talladega County Sylacauga 02 1324CST 0 3K 0 Thunderstorm Wind (G55) A few trees, several large limbs, and some power lines were blown down around the Avondale Mills Property in Sylacauga. **Chilton County** Clanton 02 3K Thunderstorm Wind (G50) Trees and power lines were knocked down just south of Clanton. A few trees and power lines were also knocked down near Verbena. **Walker County** Jasper 02 1426CST 0 2K Thunderstorm Wind (G50) Several trees were blown down on SR 269 and on US 78 near Jasper. **Marion County** Hackleburg 02 1450CST 0 Hail(0.75) Dime size hail was reported in Hackleburg. **Tuscaloosa County** Countywide 50K Several thunderstorms moved across west-central Alabama. These thunderstorms produced frequent lightning strikes. One home was struck by lightning in Northport and a subsequent fire ensued. No injuries were reported. During the height of the storm activity, nineteen thousand customers were temporarily without power. **Etowah County** 02 1508CST 0 **Rainbow City** Hail(0.75) Dime size hail was reported in Rainbow City. **Marshall County** 02 1519CST 3K Thunderstorm Wind (G50) Boaz **Marshall County** Highpoint 02 Hail(0.75) Trees and power lines were blown down in Boaz. Dime size hail also fell in the Highpoint area. **Etowah County** Attalla 3K Hail(1.75) Quarter to golf ball size hail was observed in and around Attalla. **Winston County** 1520CST Haleyville 02 0 Hail(0.75)





July 2002 Time Local Path Length Path Width Number of Estimated Persons Damage **ALABAMA, North Central Winston County** Haleyville 02 1520CST 0 5K Lightning Winston County Haleyville 02 1520CST 10K Thunderstorm Wind (G55) Numerous trees were knocked down in and around Haleyville. A few of the trees landed on homes causing damage. One home sustained major garage damage. Lightning strikes caused two fires in the area with one utility building destroyed. Dime size hail was also reported with this storm. **Marion County** Countywide 02 1535CST 15K Thunderstorm Wind (G55) Numerous trees and power lines were blown down across Marion county. Several of the fallen trees temporarily blocked roadway. **Lawrence County** 11 SW Moulton 02 1554CST 0 0 Hail(0.75) Dime size hail fell across the southwest parts of Lawrence County in the Bankhead National Forest. **Lamar County** 1615CST Detroit 02 **7K** 0 Thunderstorm Wind (G55) Numerous trees were blown down in and around Detroit. **Pickens County** Carrollton 02 1630CST 0 0 25K 0 Thunderstorm Wind (G60) The roof was blown off the Carriage House Antiques in downtown Carrollton. In addition, several trees and power lines were blown down in isolated locations across the county. **Lauderdale County** Rogersville 0 2KThunderstorm Wind (G50) A few trees and power lines were knocked down in and around Rogersville. A few trees were also blown down near Lexington. **Chilton County** 3K 0 Thunderstorm Wind (G50) Clanton Several trees were blown down near mile marker 210 on Interstate 65. **Shelby County** Pelham 04 1550CST 2K 0 Thunderstorm Wind (G50) Several trees were knocked down in Pelham. **Montgomery County** Montgomery 04 1630CST 15K Lightning Thunderstorms produced frequent lightning across the city of Montgomery. Lightning strikes caused power outages and several power lines were knocked down. **Randolph County** Hail(0.75) Roanoke 04 Randolph County 5 NW Roanoke 2K Thunderstorm Wind (G50) 04 0 Dime size hail was reported in Roanoke. Dime size hail also fell in several other locations around Randolph County. Trees were blown down just northwest of Roanoke in the Pinshop community. **Shelby County** 1645CST Hail(1.00) 3 E Harpersville





July 2002 Time Local/ Path Length Path Width Number of Estimated Persons Damage **ALABAMA, North Central** Dime to quarter size hail was reported just east of Harpersville on CR 85. One very large pine tree was knocked down and several large limbs were broken during this same storm. **Lawrence County** Moulton 1745CST One person was struck by lightning and sustained minor injuries just north of SR 157 near Moulton. St. Clair County 1200CST Countywide 11 0 0 20K 0 Lightning Two homes were struck by lightning in St. Clair County. Both homes had subsequent fires that caused damage. No injuries were reported. **Chilton County** 1235CST 4 SSW Maplesville 11 2K Lightning Lightning struck a tall pine tree next to a residence along SR 22 south-southwest of Maplesville and exploded the tree with debris being blown as much as 100 feet from the tree. The lightning caused about \$2000 worth of damage to the residence primarily to electrical appliances and the telephones. All of the telephone wiring was burned and had to be replaced. The pine tree, normally containing lots of sap, was bone dry. St. Clair County Odenville 11 1235CST 2K0 Flash Flood 1340CST Several roads were temporarily impassable due to localized flooding in Odenville. **Jefferson County** 1830CST 1930CST 4K Flash Flood Birmingham 11 Heavy rainfall in a short period of time caused some flooding in the Birmingham Metropolitan area. Several roads were temporarily impassable due to the high water. **Jefferson County** 1630CST 0 8K Birmingham 12 0 0 Lightning Thunderstorms produced frequent lightning across the Birmingham metropolitan area. Several power lines were knocked out across the city due to lightning strikes. **Jefferson County** 12 0 25K 0 Flash Flood Countywide 0





Time Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

Time Location Path Path Width Persons Damage
(Yards) Killed Injured Property Crops Character of Storm

ALABAMA, North Central

Very heavy rainfall in a short period of time occurred mainly on the east side of the Birmingham Metropolitan area. Radar estimated 4 to 6 inches of rain over a three hour period. Some local gage locations reported 3 to 4 inches in one hour and 4 to 5 inches in two hours. Several local creeks and their tributaries, including Five Mile Creek, Shades Creek, Shades Creek Branch, Turkey Creek and Village Creek, ran at or over bankfull. Several swift water rescues were made by local fire departments. Numerous vehicles were stranded in the high water and many roads wee closed and impassable. Several homes and a few businesses received water damage.

Rainfall Totals	(Most rain	was short	duration	and heavy):

Birmingham Airport	7/11 7/12	1.79 2.86
Pinson	7/11 7/12	1.19 3.51
Huffman (Coop)	7/11 7/12	3.30 4.05
Huffman	7/11 7/12	2.01 4.18
Ketona	7/11 7/12	0.75 3.86
Village Creek 86th St.	7/11 7/12	2.29 2.71
Turkey Creek	7/11 7/12	1.22 3.07

Autauga County Autaugaville	12 Severa	1905CST al trees were blown down on C	0 CR 45 and on CR 19 near Au	0 ıtaugavi	4K lle.	0	Thunderstorm Wind (G55)
Winston County							
Countywide	19	1335CST 1350CST	0	0	5K	0	Thunderstorm Wind (G50)
	Severa	al trees were blown down or u	prooted mainly in the easter	n half of	the county.		
Sumter County							
York	19	1345CST	0	0	3K	0	Thunderstorm Wind (G50)
	Several trees were knocked down across Interstate 20 near York.						
Blount County							
1.3 SSW Bangor to 5 E Remlap	19	1442CST 1458CST	0	0	8K	0	Thunderstorm Wind (G60)

A strong thunderstorm moved east-southeast across the southern portion of Blount County downing trees and power lines. A few structures were damaged, some with lost shingles or a few when trees fell on them. This same storm continued into St. Clair County producing a brief tornado there. The area of damage was approximately 6 miles wide from just southwest of Bangor to east of Remlap. Damage was reported to be the most severe in the Hayden area.



Tuscaloosa

30

1515CST

National Weather Service Storm Data and Unusual Weather Phenomena



July 2002 Time Local/ Path Length Path Number of Estimated Persons Width Damage ALABAMA, North Central St. Clair County 3.7 NW Springville to 3.2 NE Wattsville 19 0 0 4K 0 Thunderstorm Wind (G55) A strong thunderstorm moved east-southeast from Blount County into St. Clair County producing downed trees in a path about 5 miles wide from northwest of Springville to northeast of Wattsville. Most of the damage consisted of downed trees and power lines St. Clair County 7.9 ESE Springville to 8.3 ESE Springville 19 1522CST 1K 0.4 Tornado (F0) Meteorologists from the National Weather Service Warning and Forecast Office in Birmingham completed a storm survey of the damage in St. Clair County. Much of the damage consisted of scattered downed trees and power lines. However, 7.9 miles east-southeast of Springville, meteorologists identified a short path of downed trees with evidence of rotation The damage path began 7.9 miles east-southeast of Springville on the west side of US 411. The path extended for about 4 tenths of a mile and was approximately 50 yards wide. The area where the tornado touched downed was mostly open fields, however, a few trees were downed along with several large limbs and the tops of some trees. Orientation to the downed trees was consistent with the presence of a weak rotation. The tornado was rated an F0 on the Fujita Scale for tornado classification. Beg.: 33 45.042/86 20.186 End: 33 44.980/86 19.730 St. Clair County Springville 1545CST 5K Hail(2.00) Two inch diameter size hail was reported near Springville. Pickens County 7 W Reform 0 21 1530CST 0 Thunderstorm Wind (G50) 2K A few trees were knocked down across CR 35 near the McShan community. **Talladega County** Thunderstorm Wind (G55) Sylacauga 4K 0 Trees and power lines were blown down in Sylacauga **Blount County** 2 W Blount Spgs O Thunderstorm Wind (G50) 2K Several trees were blown down just west of Blount Springs near the Mulberry Branch of the Warrior River. **Madison County** Countywide 0 Lightning Three homes were struck by lightning across Madison County. Minor damage was reported. Lee County Opelika 2045CST 0 0 75K A lightning strike caused significant damage to an Opelika Power Substation. The lightning set a fire in the substation in which flames reached heights of over 50 feet. Six hundred gallons of mineral oil subsequently leaked out of the substation **Blount County** Oneonta 29 1730CST Lightning A two-year-old boy was struck by lightning and eventually died from the injuries. The injury occurred as the boy was outside helping his family in the garden about 4.5 miles west of Oneonta. M2OU Tuscaloosa County

0

1

Lightning



Skipperville

21

Downed trees reported by the Dale County EMA.

National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind

July 2002 Time Local/ Path Length Path Width Number of Estimated Persons Damage ALABAMA, North Central One person was struck by lightning in Tuscaloosa and had sustained minor injuries. **Madison County** Huntsville 30 1635CST 0 Thunderstorm Wind (G59)^M 15K One large tree fell into an auto business causing damage in the city of Madison. Wind gusts measured at the Huntsville International Airport reached 68 miles an hour at 535 PM local time. **Franklin County** 1715CST **Red Bay** 30 0 0 Thunderstorm Wind (G50) 1K A few trees were blown down near Red Bay and roadways were temporarily blocked. Winston County Arley Lightning Lightning struck the Dairy Barn near Arley. The business sustained minor damage. **Jackson County** Skyline Hail(0.75) 31 Dime size hail was reported in Skyline. One tree was also blown down in the same area. Coosa County Weogufka 31 1730CST 0 0 Hail(1.00) Quarter size hail was reported in Weogufka. **ALABAMA**, Southeast **Houston County** Rehobeth 1K 0 Thunderstorm Wind Several downed trees reported by the Houston County Sheriff. **Houston County** 1700EST 0 20 0 Hail(0.75) Cottonwood Dime size hail reported by NWS Mobile. **Geneva County** 10 E Geneva 2K Thunderstorm Wind 20 1720EST Downed trees on County Roads 16 and 61, as well as Highway 167. Reported by the Geneva County EMA. **Houston County** 1720EST 6 E Cottonwood 0 Hail(0.75) Dime size hail reported by NWS Mobile. **Houston County** Ashford 1725EST Hail(0.75) 20 Dime size hail reported by NWS Mobile. **Houston County** 3 N Cottonwood 20 1725EST 20K Thunderstorm Wind Downed power lines. A barn was destroyed. Reported by NWS Mobile. **Dale County Daleville** 0 Hail(0.75) 20 Dime size hail reported by the Dale County Sheriff. **Dale County** 1810EST Clopton 21 $\mathbf{0}$ 0 Hail(0.75) Dime size hail reported by a SKYWARN spotter. **Dale County**

0

1K



St Stephens

15

1640CST

National Weather Service Storm Data and Unusual Weather Phenomena



July 2002 Time Local Path Length Path Number of Estimated Width Persons Damage ALABAMA, Southeast **Coffee County Southeast Portion** 0 0 1K **Thunderstorm Wind** Several trees down across County Roads 450, 461 and 606 between Opp and Enterprise. Reported by the Coffee County EMA. **ALABAMA**, Southwest **Baldwin County** 0 5K Summerdale 01 Thunderstorm Wind (G55) A strong thunderstorm blew down several trees about 4 miles northeast of Summerdale on County Road 36, just to the east of County Road 83. **Escambia County Brewton** 03 0 Hail(0.75) **Conecuh County** Evergreen 06 8**K** Thunderstorm Wind (G50) Several trees were blown down by high winds from a thunderstorm. **Crenshaw County** Luverne 1830CST 10K Thunderstorm Wind (G50) Trees and power lines were blown down by winds from a thunderstorm near Luverne. **Choctaw County** Pennington to Lisman 07 2000CST 2005CST Thunderstorm Wind (G50) Several trees were blown down between Pennington and Lisman as thunderstorms moved through the area. Wilcox County 8K Thunderstorm Wind (G50) Camden 11 Trees were blown down by high winds from a thunderstorm near Camden. **Mobile County** Bayou La Batre 11 1800CST 0 Lightning Two young boys were struck by lightning while playing outside. A thunderstorm had moved through the area earlier and the boys had went back out to play. They were likely hit by the last strike from the storm. A passing motorist saw a blue flash and the two boys were knocked to the ground. One of the boys was wearing a necklace and it burned his neck. Both were taken to the hospital and were kept for several days before being released. **Mobile County Dauphin Is** 13 2 Rip Currents Two children were rescued after nearly drowning in rough surf near Dauphin Island. Both were taken to a local hospital and were kept for several days **Mobile County** Theodore 13 1600CST 8K Thunderstorm Wind (G50) Trees were blown down by high winds from a thunderstorm. **Washington County**

Lightning struck a home near St Stephens. The home caught on fire and was destroyed

Lightning

40K



Number of

Estimated

Path



July 2002

Time Local/ Path Length Width Persons Damage ALABAMA, Southwest **Clarke County Fulton** 15 0 0 8K Thunderstorm Wind (G50) Trees were blown down near Fulton by high winds from a thunderstorm Wilcox County Camden 15 8K Thunderstorm Wind (G50) High winds from a thunderstorm blew down several trees near Camden. **Choctaw County** 15K Pennington 19 0 Thunderstorm Wind (G50) High winds from a thunderstorm blew down several trees near Pennington. One of the trees fell on a truck and damaged it. Penny size hail was also reported. **Washington County** Mc Intosh 2015CST 8K Lightning Lightning struck a home near McIntosh and started a small fire which was quickly put out. The home suffered minor damage. **Washington County** Mc Intosh 19 10K Thunderstorm Wind (G50) High winds from a thunderstorm blew down trees near McIntosh. **Clarke County Barlow Bend** 20 8K Thunderstorm Wind (G50) High winds from a thunderstorm blew down several trees near Barlow Bend. **Covington County** Andalusia 20 10K Thunderstorm Wind (G50) Trees and power lines were blown down by high winds from a thunderstorm near Andalusia. **Covington County** Andalusia 20 8K Thunderstorm Wind (G50) High winds from a thunderstorm blew down several trees south of Andalusia. Dime size hail was also reported **Crenshaw County** 1550CST 1557CST 10K Thunderstorm Wind (G50) Luverne 20 Trees were blown down and a roof was damaged at a local Flea Market by high winds from a thunderstorm near Luverne. **Crenshaw County** 10K Thunderstorm Wind (G50) **Brantley** 20 Trees were blown down near Brantley by high winds from a thunderstorm. Dime size hail was also reported with the storm **Covington County** Florala 1620CST 1621CST Hail(0.75) 20 0 **Conecuh County** Evergreen 20 1630CST Thunderstorm Wind (G50) Trees were blown down by high winds from a thunderstorm near Evergreen. **Conecuh County** Evergreen 20 1650CST 1730CST 0 0 Flash Flood



Conecuh County

Washington County

National Weather Service Storm Data and Unusual Weather Phenomena



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed			nated mage Crops	Character of Storm	July 2002
ALABAMA, Southwe	<u>st</u>									
		rains in a short pen stopped and the		caused part o	of I-65 near	Evergreen	to flood.	Part of the	lanes had to be tempor	arily closed until
Washington County Millry	21	1100CST			0	0			Hail(0.75)	
Willi y	21	1101CST			v	v			11411(0.75)	
Covington County										
5 SW Andalusia	23	1755CST 1757CST			0	0	8K		Thunderstorm W	ind (G50)
	Trees were blown down west of Carolina near County Road 31 by high winds from a thunderstorm.									

Castleberry	23	1900CST 1902CST	0	0	8K	Thunderstorm Wind (G50)
	High	winds from a thunderstorm blew de	own several trees sout	h of Castl	eberry.	

Escambia County 7 NW Mc Cullough	28	1245CST 1247CST	0	0	8K	Thunderstorm Wind (G50)
Several trees were blown down by high winds from a thunderstorm just north of Booneville						

-	-					
Vinegar Bend	30	1042CST 1044CST	0	0	8K	Thunderstorm Wind (G50)

Several trees were blown down near Vinegar Bend by high winds from a thunderstorm