

5 S Tuscaloosa

02

National Weather Service Storm Data and Unusual Weather Phenomena



June 1999 Path Length (Miles) Estimated Time Local/ Path Width Number of Persons Damage ty <u>Crop</u> Date (Yards Character of Storm Injured Standar ALABAMA, North Central **Jefferson County** 0 0 Birmingham 0000CST **Heavy Rain** Rainfall at the Birmingham International Airport was 9.03 inches for the month of June. This reading was the second highest ever recorded at this location for the month. **Montgomery County** Montgomery **Heavy Rain** Rainfall at Dannelly Field was 8.47 inches for the month of June. This reading was the fourth highest ever recorded for the month. **Marshall County** Albertville 02 1225CST 2K Thunderstorm Wind (G50) Several trees were reported down in Albertville. Additional scattered reports were received of tree limbs down and several short power outages. A funnel cloud was reported over Guntersville Lake. Jefferson County Birmingham 02 15K Flash Flood 1330CST Heavy rainfall, two to three inches in just over one hour, caused many underpasses throughout the city of Birmingham to be flooded. Most of the locations were flood prone areas that have slight drainage problems. Several vehicles were flooded in several feet of water and were subsequently stranded in the high water. No injuries were reported. At the University of Alabama at Birmingham, the lowest level of the Hill University Center was flooded. This is mainly a drainage problem but several feet of water entered the building. **Jefferson County** Birmingham 02 Hail (0.75) 1305CST Dime size hail was reported throughout the Birmingham area including downtown, the airport, US 78 just west of Birmingham, Homewood, and Hueytown. **Dekalb County** 02 Rainsville 1250CST Hail (0.75) **Dekalb County** Rainsville 02 1252CST 0 0 **Funnel Cloud** Dime size hail was reported at Rainsville along with several reports of funnel clouds. **Dekalb County** Geraldine to Rainsville 02 1250CST 0 20K Thunderstorm Wind (G60) 1315CST Several trees and power lines were blown down from near Geraldine to Fyffe to Rainsville. A few homes received minor roof damage and several roads were temporarily flooded from heavy rain in a short period of time. Over 1,000 customers were without power for several hours due to lightning strikes and wind. **Tuscaloosa County** 3 E Echola 02 1310CST Hail (1.00) **Tuscaloosa County** Tuscaloosa 02 1353CST Quarter size hail was reported in the Sipsey River bottom area east of Echola. Dime size hail was reported at the toll booth for the bridge and in downtown Tuscaloosa. Tuscaloosa County Tuscaloosa 02 1425CST 5K Flash Flood Heavy rains with slow moving thunderstorm dropped over 3 inches of rain on Tuscaloosa, Northport, and the surrounding area. Numerous streets were flooded. Most of the flooding was confined to roads creating an inconvenience more than anything else. Several cars were flooded out by the flash flooding in the Tuscaloosa and Northport. **Tuscaloosa County** 02 0 **Taylorville** 1438CST Hail (0.75) Hail up to dime size was reported at Taylorville by storm spotters. **Tuscaloosa County**

Dime size hail was reported by EMA south of Tuscaloosa on Bear Creek Road.

Hail (0.75)





June 1999 Path Length (Miles) Number of Persons Time Local/ Path Width Estimated Damage ty <u>Crop</u> Date Character of Storm Injured Standar ALABAMA, North Central **Pickens County** 4 W Pickensville 02 1610CST 0 3K 0 Hail (1.75) Pickens County 4 W Pickensville 02 1610CST 0 0 Thunderstorm Wind (G50) Golf ball size hail was reported west of Pickensville. Several trees were also reported down. **Limestone County** Athens 03 1159CST 1220CST 0 25K Thunderstorm Wind (G60) Strong thunderstorm wind downed trees and power lines in and around Athens. Downed power lines contributed to power outages for about 6,000 customers of the Athens Utilities. **Cherokee County** 03 1200CST Centre 25K Lightning Lightning struck the steeple of the Shiloh Baptist Church on Bay Springs Road during a thunderstorm. The lightning started a fire which heavily damaged the roof, the main sanctuary, and the foyer. Additional damage was done by the smoke and the water used to put out the fire. **Madison County** 03 15K Huntsville 1230CST Lightning Lightning knocked out five power substations operated by Huntsville Utilities. Service was disrupted to about 5,000 customers for several hours. **Cleburne County Borden Spgs** 03 1237CST 2KHail (1.75) Golf ball size hail was reported by a storm spotter in northern Cleburne County at Borden Springs. **Madison County** Huntsville 03 1300CST 2KA Thunderstorm Wind (G50) Several large trees were reported down in west Huntsville at Airport Road and Weatherlee Road. **Cullman County** Walter Hail (0.75) Dime size hail was reported at Walter east-northeast of Hanceville. **Blount County** 4 SSW Blountsville 3K Thunderstorm Wind (G50) 03 1333CST 0 Trees were reported down between Blountsville and Nectar. **Tallapoosa County** 1415CST **Alexander City** 03 Hail (1.00) Alexander City PD reported hail all over the city ranging from dime to quarter size. **Tallapoosa County Alexander City** 5K Thunderstorm Wind (G55) 03 Several trees and power lines were blown down in Alexander City. Numerous power outages occurred throughout the city and many roads were temporarily flooded and closed due to high water and downed trees. **Cullman County Bethel** 03 1431CST 2KHail (1.00) Quarter size hail was reported at Bethel west of Cullman. Dime size hail was also reported in the northwest corner of the county. **Blount County** Cleveland 1243CST Hail (1.00) Hail up to the size of a quarter fell in Cleveland. **Blount County** 04 1250CST 0 0 Oneonta 0 0 Hail (0.75)

Dime size hail was reported in Oneonta.



5 NW Selma

04

1800CST

National Weather Service Storm Data and Unusual Weather Phenomena



June 1999 Number of Persons led Injured Estimated Damage erty Crops Path Length (Miles) Time Local/ Path Width Date Character of Storm Standard ALABAMA, North Central **Cullman County Crane Hill** 04 1332CST 0 0 5K 0 Hail (1.75) Golfball size hail was reported near Cranehill southwest of Cullman. **Cleburne County** 04 1350CST 0 Hopewell 0 Hail (0.88) Nickel size hail was reported near Hopewell east of Heflin. **Chilton County** 04 1407CST Clanton 0 0 0 Hail (0.75) Dime size was reported near Clanton. **Cleburne County Union Hill** 1410CST Hail (1.00) Quarter size hail fell near Union Hill about one mile north northeast of Hightower. **Dekalb County** Valley Head 1410CST 2KHail (1.00) Quarter size hail fell near Valley Head. **Talladega County** Talladega 1430CST 8K Hail (1.75) Golfball size hail was reported just east of the city of Talladega. **Randolph County** 6 W Newell 04 1435CST 0 0 Hail (0.75) Dime size hail was reported near Fosters Crossroads west of Newell. **Calhoun County** Ohatchee 04 1440CST 0 3K 0 Hail (1.00) Quarter size hail fell in Ohatchee. **Clay County** 1448CST **Ashland** 0 O Hail (0.75) Dime size hail was reported in Ashland. **Cleburne County** 7 NE Heflin 04 1452CST 0 Hail (1.00) One inch diameter hail was reported by a pilot about 7 miles northeast of Heflin. **Etowah County** Southside 3K Hail (1.00) Dime to quarter size hail was reported in Southside. **Calhoun County** 1500CST 1507CST 0 10K Hail (1.75) Anniston Quarter to golfball size hail was reported around the city of Anniston. Dime size hail fell in the Piedmont area. A multi-car accident occurred on Interstate 20 due to hail and heavy rainfall but no injuries were reported. Lee County Opelika Hail (0.75) Dime size hail was reported in Opelika and also in the Plainview area. Lee County 2 S Opelika 04 1540CST 0 0 Hail (1.00) Quarter size hail fell just south of Opelika. **Dallas County**

5K

0

Hail (1.75)





Location Date Time Local/ Length Width Persons Damage Nilled Injured Property Crops Character of Storm

ALABAMA, North Central

Golfball size hail was reported northeast of Selma near Potters' Station. **Lauderdale County** Antioch 05 0110CST Hail (0.75) Dime size hail was reported just northeast of Antioch. **Lauderdale County Florence** Hail (0.75) Dime size hail fell in Florence. **Morgan County** 05 0204CST 5K 7 W Hartselle 0 Thunderstorm Wind (G50) One large tree fell through the roof of a mobile home and severely damaged it. No injuries were reported. **Cullman County Fairview** 05 0210CST 3K 0 Hail (1.00) Quarter size hail was reported in Fairview. **Marshall County** Arab 05 0210CST 5K Thunderstorm Wind (G50) Numerous trees and power lines were blown down in Arab and in other parts of the county. **Cullman County** Fairview to Vinemont 05 Hail (0.88) Nickel size hail was reported in Fairview. Dime size hail was reported in Cranehill. A carport was blown over and nickel size hail occurred in Vinemont. **Cullman County** 0220CST 0230CST Cullman 05 15K 0 Thunderstorm Wind (G60) Several trees were blown down in Cullman. One mobile home had its roof ripped off and at least one vehicle was severely damaged from falling debris. **Marshall County** 05 0220CST 2K 0 Thunderstorm Wind (G50) Boaz Power lines were blown down near Boaz. **Blount County** 05 0235CST 0 Snead 0 5K 0 Hail (1.00) Quarter size hail was reported in Snead. **Cullman County** Cullman 05 0255CST Thunderstorm Wind (G50) Trees were blown down on US 278 just west of Cullman. **Jefferson County** Birmingham 05 0 Thunderstorm Wind (G50) Trees were blown down on 5th Ave South in Birmingham. **Shelby County** 05 Helena Thunderstorm Wind (G50) A few large trees were blown over and blocking the road in the Dearing Downs Subdivision. **Elmore County** Holtville 05 1910CST Thunderstorm Wind (G52) Trees were blown down and winds were reported at 60 mph near Holtville. ALZ023 Tuscaloosa

Two workers were slightly injured when strong wind from a nearby thunderstorm caused the open-sided structure they were under at a lumber yard on the west side of Tuscaloosa to collapse. A couple of storage trailers at the nearby Goodrich plant were tipped over, too. Wind at the Tuscaloosa airport less than two miles away peaked at 37 knots (43 mph).

2

3K

0

High Wind (G43)

09

1425CST





June 1999 Path Length (Miles) Number of Persons Time Local/ Path Width Estimated Damage tv Crop Date Character of Storm Injured Standar ALABAMA, North Central **Clay County** Lineville 25K Thunderstorm Wind (G65) 09 1850CST What appeared to be a rather typical evening thunderstorm produced an apparent downburst that downed trees and power lines on the south and west side of Lineville. A storm survey of the damage confirmed a divergent pattern in the scattered tree damage. Several large structures including an armory and a high school gymnasium sustained minor roof damage. The most significant damage occurred when a large limb - about a foot and a half in diameter - crashed through the roof of a well-built brick home. The area of damage was about 4 tenths of a mile wide and just short of a mile in length. **Jefferson County** Birmingham 14 1730CST 1930CST 500K Flash Flood Three to six inches of rain fell across portions of Jefferson County in just over one hour. The hardest hit areas were Southside, Leeds, Birmingham, Homewood, Irondale, and Mountain Brook. Numerous roads were flooded and subsequently closed in all locations. A few feet of water flowed into more than 20 homes and over 19 businesses. Several motorists were trapped in their vehicles and had to be rescued from the high water. **Chambers County** 1845CST 1945CST 8K Standing Rock 14 Flash Flood Heavy rainfall of three to six inches fell across northern Chambers County in a few hours. Water was a few feet deep covering CR 228 in Standing Rock, north of Lafayette. The water pushed a few trees down and the debris was also covering the road. **Autauga County** 1500CST 1650CST **Prattville** 15 0 150K Flash Flood Rainfall up to six inches in a little more than one hour, caused 60 square blocks of streets and businesses to fill with three feet or more of water. At least one dozen homes also received flooding. Numerous roads were closed and many auto accidents were caused by the heavy rainfall. **Elmore County** Millbrook 1500CST 3K Flash Flood 15 Many streets in downtown Millbrook were flooded from a one to three inches of rain in a short period of time. **Randolph County** 1700CST 1900CST Roanoke 40K Flash Flood Rainfall up to ten inches in a few hours caused flooding throughout the city of Roanoke. Numerous roads were closed and a few homes had water in them. One family was temporarily trapped in their home before being rescued by the fire department. Marengo County 0145CST 3K 0 Sweet Water 24 Thunderstorm Wind (G50) Power lines were blown down in Sweet Water. **Tuscaloosa County** 6 E Samantha 24 1320CST Thunderstorm Wind (G50) Trees were blown down on SR 69 just north of Windham Springs. **Tuscaloosa County** Tuscaloosa **6K** Hail (1.00) Quarter size hail was reported in Tuscaloosa. Trees were blown down near Northport. **Etowah County** Countywide 25 0 40K Flash Flood Three to 6 inches of rain fell in a few hours mainly across southern Etowah County. The hardest hit areas included; Hokes Bluff, Glencoe, Rainbow City, and Gadsden. Numerous roads across the county were flooded with up to three feet of water and several roads were closed. Several homes had water flow into them and at least 14 families had to be evacuated. Several motorists were trapped in their vehicles and had to be rescued by the Fire Department. Numerous lightning strikes knocked out power temporarily across the area. **Calhoun County Piedmont** 25 2K 0 Flash Flood

floating by. Several inches of rain fell in a short period of time mainly in rural northern Calhoun County.

State Troopers closed CR 19 southwest of Piedmont. The highway had several feet of water across it with large branches seen



Countywide

28

National Weather Service Storm Data and Unusual Weather Phenomena



June 1999 Path Length (Miles) Estimated Time Path Width Number of Persons Damage ty <u>Crop</u> ocal/ Date (Yards Character of Storm Injured Standar ALABAMA, North Central **Elmore County** 0 0 20K Flash Flood Countywide 27 1200CST More than two inches of rain fell in a short period of time resulting in flooding. Several roads were flooded and closed and a few homes had flood damage. **Autauga County Prattville** 27 1230CST 1400CST Flash Flood One to two inches of rain occurred in less than one hour causing some flooding. Numerous streets in downtown Prattville were flooded and closed. One bridge was washed away in northeastern Autauga County. **Blount County** 1400CST 1500CST 5K Flash Flood Oneonta 27 One to two inches of rain occurred in less than one hour causing high water. Many roads and low lying areas were flooded in downtown Oneonta **Montgomery County** 1400CST 1500CST Montgomery 27 2K Flash Flood One to two inches of rain occurred in less than one hour producing high water. Many roads and low lying areas were flooded in the city of Montgomery. **Madison County** Huntsville 28 0045CST 1.5M Flash Flood Heavy rainfall of four to seven inches, most of which occurred in just less than two hours, flooded the Huntsville area. According to newspaper reports, one woman was killed when her car stalled on a flooded bridge on Vermont Road. As she exited the car, she was swept away in the water. A television cameraman was injured when he was swept away by high water while filming. He was rescued by the Huntsville Fire Department. Several other motorists were stranded in high water and were rescued by the fire department. Numerous roads in the area were flooded and subsequently closed. Many local streams and creeks were out of their banks, sending several feet of water into approximately 300 homes and businesses. Several residents were rescued from their homes. Several thousand area customers were without power through the early morning hours due to lightning strikes. A mudslide occurred in Monte Sano State Park covering part of the park road. F29VE **Lauderdale County** 20K Green Hill 0100CST 0 Flash Flood 28 Several roads around Green hill were flooded. The EMA reported that a few automobiles were washed off the roads but no injuries were sustained. Some flooding was also reported along Shoal Creek in central Lauderdale County. **Colbert County Muscle Shoals** 28 35K Flash Flood 0330CST Several roads and businesses were flooded from heavy rainfall of two to four inches of rain. **Marshall County** Boaz 0200CST 8K Flash Flood Heavy rainfall of three to four inches during the early morning hours caused some flooding. Several roads were temporarily closed in the Boaz area due to water covering the roads. Several area creeks and streams were out of their banks for a brief period causing additional flooding. **Jefferson County** 0520CST Birmingham 28 **Heavy Rain** According to newspaper reports, one motorists was killed when the automobile hydroplaned during a heavy rainfall event. The car was traveling on Interstate 20 in Birmingham when it slid across the median into oncoming traffic. One other motorists received minor injuries in the accident. Several vehicles were stalled in high water at a flood prone intersection in Birmingham. Trees fell down as a result of the saturated ground in Homewood and also in Ensley. Several thousand customers were temporarily without power in the Birmingham area due to the lightning strikes accompanying the storms. Lee County

Flash Flood

1.5M

0





June 1999 Path Length (Miles) Estimated Time Local/ Path Width Number of Persons Damage tv Crop Date (Yards Character of Storm Injured Standar ALABAMA, North Central Four to six inches of rainfall in a short period of time caused extensive flooding throughout Lee County. The hardest hit areas were Auburn and Opelika. Numerous roads and highways were closed in and around Auburn and Opelika. Numerous motorists drove into the water covered roads and were stranded. A few bridges were washed away and destroyed. Several hundred homes received some sort of flood damage. Many businesses also received damage due to the high water. One small dam also broke in North Auburn. **Jefferson County** Leeds 28 300K Flash Flood 1330CST Three to five inches of rain, most in a two hour period, caused area streams and creeks to overflow. According to newspaper reports, at least 18 homes and 14 businesses were flooded. Several roads were flooded and were temporarily closed. Many residents were rescued by the Leeds Fire Department. The Leeds Fire House was also substantially damaged by the high water. St. Clair County Moody 28 1030CST 0 75K 0 Flash Flood Three to five inches of rain, most in a two hour period, flooded several businesses along Moody Parkway. According to newspaper reports, a few homes were flooded and a couple of roads were closed due to high water. St. Clair County 10K Moody 28 Numerous roads around the city of Moody were covered with high water and were subsequently closed. US 411 was flooded in three different areas and closed. One home was flooded with at least one foot of water. **Marshall County** Albertville 28 1500CST 1 Heavy Rain Heavy rainfall earlier in the day caused many local creeks and streams to rise significantly. According to newspaper reports, a 3 year old boy drowned and an 8 year old boy sustained minor injuries while canoeing on a rain swollen creek after heavy rains had ended. The incident occurred on Drum Creek at US 431 in Albertvile. M8BO **Autauga County Prattville** 30 10K Thunderstorm Wind (G50) Several buildings just southwest of Prattville sustained wind damage to their awnings and overhangs. **Tallapoosa County** 120K Alexander City Flash Flood More than two inches of rain fell in a short period of time around Alexander City. Numerous roads were flooded and had to be temporarily closed. Several homes and businesses sustained water damage. A dam was also severely damaged due to the volume of water **Elmore County** 1630CST 1800CST Flash Flood Countywide 30 Several county roads were flooded due to heavy rainfall. Cleburne County Countywide 3K Flash Flood 1730CST 1830CST Several roads were flooded between Edwardsville and Fruithurst. Additional road flooding occurred in Heflin. **ALABAMA**, Southeast **Geneva County** 05 1615EST 150K Lightning Geneva A home was set ablaze by lightning and completely destroyed. **Geneva County** 1615EST 1620EST 25K Thunderstorm Wind Geneva 05

Winds smashed windows at a local auto dealership and downed numerous trees throughout the city.



Monroe County Northeast Portion

1200CST

16

National Weather Service Storm Data and Unusual Weather Phenomena



June 1999 Estimated
Damage
erty Crop Number of Persons Time Local/ Path Width Date (Yards Injured Standard ALABAMA, Southwest **Choctaw County** 02 0 Hail (0.88) Butler 0 Nickel size hail was reported just south of Butler by WPRN Radio. **Choctaw County** 1844CST 1900CST 0 2K**Butler** 02 Hail (1.75) A hailstorm occurred for several minutes, approximately 5 miles SSE of Butler near the community of Griffin Mills. Hail to size of golfballs covered the ground and broke out windows in some vehicles. **Choctaw County** Butler 02 Hail (0.75) Dime size hail fell about 5 miles SSE of Butler. The slow south southeast movement of the storm also deposited about 3.5 inches of rain within an hours time. Wilcox County Pine Apple 04 1830CST 0 0 Hail (0.75) 1835CST Dime size hail was reported by the public. Wilcox County 1830CST 1835CST 0 0 4K Thunderstorm Wind (G50) Pine Apple 04 High winds blew several trees down. Wilcox County Camden 04 1845CST 0 0 4K Thunderstorm Wind (G50) 1850CST High winds blew several trees down. **Mobile County** Citronelle 04 1920CST 1922CST 5K Thunderstorm Wind (G50) High winds blew several trees down north of Citronelle. **Clarke County Grove Hill to** 10K Thunderstorm Wind (G58) Gosport High winds blew numerous trees and power lines down along US HWY 84 between Grove Hill and Gosport. **Monroe County** 1940CST 1945CST Claiborne 04 0 5K Thunderstorm Wind (G58) Numerous trees were blown down along US HWY 84. **Covington County** 1540CST 1550CST Florala 10K Thunderstorm Wind (G58) Law enforcement officials reported that high winds blew several trees down. Minor damage was also done to a schools roof and siding. **Baldwin County** 0 0 Hail (0.88) **Daphne** 08 Nickel to dime size hail was reported near Daphne. **Mobile County** Mobile 5K Thunderstorm Wind (G50) Several large tree limbs and power lines were blown down near downtown Mobile.

Heavy rainfall caused several roads in the northeast part of the county to flood. The roads were mostly dirt and had to be closed for a little over an hour due to washouts and standing water. Weather radars estimated that four to six inches of rain fell in a four hour period in the area. The flooding was generally along State Highway 21 from Beatrice to McWilliams.

2K

Flash Flood





June 1999 Estimated
Damage
erty Crops Path Length (Miles) Number of Persons Time Local/ Path Width Date Location (Yards Character of Storm Standard Injured ALABAMA, Southwest **Clarke County North Portion** 0400CST 0 0 2KFlash Flood 24 Heavy rainfall caused several secondary dirt roads to be temporarily closed due to high water. Local weather radars estimated about six inches of rain fell west of Thomasville in a three hour period. No injuries were reported. **Clarke County Central Portion** 27 1730CST 1900CST Flash Flood Heavy rainfall caused temporary street flooding along secondary roads off of US Hwy 43 between Jackson and Grove HIII. Local weather radars estimated that three to four inches of rain fell in a three hour period. As the storms moved out of the area, the flooded roads quickly drained. **Butler County South Portion** 1750CST 27 Flash Flood Heavy rains caused several secondary roads in the south part of the county to flood. The roads had to be closed for about two hours. Weather radars estimated that three to four inches of rain fell across the area in a three hour period. **Crenshaw County** 1750CST 2100CST **Central Portion 4K** Several roads in the central part of the county had to be closed for several hours due to high water. Weather radars estimated that three to four inches of rain fell across the area in a three hour period. Many of the roads were dirt and some had large ruts in them from the heavy rainfall. These roads had to be closed until they could be repaired. Wilcox County **Southwest Portion** 27 1750CST 1900CST 2KFlash Flood

Heavy rainfall in the southwest part of the county caused several roads to become flooded. These roads had to be closed for more than an hour, until the heavy rainfall moved out of the area. Weather radars estimated that four to six hours of rain fell across the area in a four hour period. Most of the rain fell near the Alabama River and the rainfall quickly ran into the basin.