



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

ALABAMA, Central

Jefferson County					
Birmingham	01	0000CST 2359CST	0	0	Heavy Rain
	The de	ly rainfall at the Dirmi	naham airmart was 2.65 inal	has which broke	the old record for doily maximum

The daily rainfall at the Birmingham airport was 2.65 inches which broke the old record for daily maximum rainfall of 2.29 inches set back in 1941.

Montgomery County 1.4 NNW Pintlalla to 2.1 WSW Hope Hull

01 0429CST 4.7 60 0 0 35K 0 Tornado (F0)

A small tornado occurred with Tropical Storm Bill in southwestern Montgomery County. The tornado first touched down north-northwest of Pintlala on the west side of Windham Road east of US 31 and north of CR 24. The tornado moved on a north-northwesterly path taking it along a portion of Windham Road where trees were downed and several structures sustained mino damage. Trees fell on a mobile home, a permanent home, and two cars. The tornado continued north-northwest across Pintlala Creek and Interstate 65 where trees were downed. From Interstate 65 to CR 15 the tornado weakened fairly quickly with only a few trees down.

Beg: 32 11.680/86 22.571 End: 32 15.573/86 23.410

Autauga County							
Countywide	01	0600CST 0730CST	0	0	8K	0	Flash Flood
Elmore County							
Countywide	01	0600CST 0800CST	0	0	12K	0	Flash Flood
Montgomery County							
Countywide	01	0600CST 0800CST	0	0	8K	0	Flash Flood
Macon County							
Countywide	01	0730CST 1230CST	0	0	17K	0	Flash Flood
Randolph County							
Countywide	01	0800CST 1030CST	0	0	10K	0	Flash Flood
Chambers County							
Countywide	01	0830CST 1500CST	0	0	20K	0	Flash Flood
Lee County							
Countywide	01	0830CST 1500CST	0	0	40K	0	Flash Flood
Tallapoosa County							
Countywide	01	0830CST 1500CST	0	0	17K	0	Flash Flood
Talladega County							
Countywide	01	0900CST 1500CST	0	0	60K	0	Flash Flood
St. Clair County							
Countywide	01	1000CST 1300CST	0	0	17K	0	Flash Flood
Clay County							
Countywide	01	1300CST 1700CST	0	0	10K	0	Flash Flood
Jefferson County							
Countywide	01	1300CST 1700CST	0	0	12K	0	Flash Flood
Shelby County							
Countywide	01	1300CST	0	0	12K	0	Flash Flood





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ALABAMA, Central

1700CST

Tropical Storm Bill made landfall along the Louisiana Coast during the afternoon of June 30. The storm entered Terrebonne Parrish near Terrebonne Bay, west of Houma, and continued on a northeast path. This brought the remnants of Tropical Storm Bill across central Alabama on July 1. Doppler radar estimated a large swath of 4 to 6 inches of rain across central Alabama with isolated totals approaching 8 inches. Due to the heavy rain amounts over the previous couple of months, flash flooding was experienced in many counties. Several roadways in each county were temporarily impassable because of the high water. Numerous creeks and streams rose quickly and flowed out of their banks. In response to the saturated ground conditions and winds of 30 to 35 miles an hour, numerous trees fell down. Many of these trees landed on power lines causing some 19000 customers to lose power. At least one automobile was destroyed by the falling trees and one roof was damaged. One man was rescued after he drove his vehicle into high water near Logeloppeka in Lee County. A brief torreado also occurred near Pintlala in association with this tropical system.

	numerous trees fell down. Many of these trees landed on power lines causing some 19000 customers to lose power. At leas automobile was destroyed by the falling trees and one roof was damaged. One man was rescued after he drove his vehicle into water near Loachopoka in Lee County. A brief tornado also occurred near Pintlala in association with this tropical system.								
ALZ024	Jefferson 01 1500CST The high temperature measured at the Birming temperature reading. The previous record was 7' reading with an afternoon high of 74 degrees. The	7 degrees set	back in 1	932. Pinso	n also br	oke its record lowest high temperature			
Marengo County Demopolis	09 2045CST Lightning was believed to be the cause of a fire a from 6:30 pm to 10:00 pm CDT, but the fire was								
Tuscaloosa County Brookwood	10 1300CST Penny size hail was reported in Brookwood.	0	0	0	0	Hail(0.75)			
Jefferson County 3.7 NW Pleasant Grove	10 1320CST Trees were blown down in Sylvan Springs.	0	0	5K	0	Thunderstorm Wind (EG50)			
Jefferson County Fairfield	10 1330CST A store was struck by lightning in Fairfield. The	0 store suffered	0 I minor da	12K mage.	0	Lightning			
Talladega County Talladega	10 1453CST Several trees and power lines were blown down a	0 across the city	0 of Tallad	16K ega. One la	0 arge tree to	Thunderstorm Wind (EG50) emporarily blocked train tracks			
Etowah County Gadsden	10 1515CST Etowah County Emergency Management Agency	0 reported a w	0 ind gust o	0 f 60 miles a	0 an hour.	Thunderstorm Wind (EG52)			
Cherokee County 7.6 NE Cedar Bluff	12 1414CST A few trees were blown down on CR 97 near the	0 Fullerton con	0 nmunity.	5K	0	Thunderstorm Wind (EG50)			
Lamar County 2 NE Vernon	13 1410CST Numerous trees were blown down near the interse across the county.	0 ection of SR 1	0 17 and Be	8K aver Creek	0 Road. Se	Thunderstorm Wind (EG50) veral other trees were also blown down			
Bullock County Union Spgs	13 1700CST Penny size hail was reported near Union Springs.	0	0	0	0	Hail(0.75)			





July 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage ALABAMA, Central **Bullock County Union Spgs** 13 1730CST 1930CST 0 8K 0 Flash Flood A few roads were flooded and temporarily impassable in Union Springs. **Elmore County** 1815CST Millbrook 13 0 12K 0 Lightning A home was struck by lightning in Millbrook. The house sustained minor damage. **Blount County** 2 E Oneonta 16 1213CST 8K 0 Thunderstorm Wind (EG50) Several trees were blown down near US 231 and Straight Mountain. **Bullock County** 3.4 W Union Spgs 19 1223CST 0 Hail(1.00) **Bullock County** 3.4 W Union Spgs 19 1223CST 20K Thunderstorm Wind (EG50) A few trees were knocked down near the intersection of US 82 and SR 110 west of Union Springs. One of the trees fell on a vehicle. Quarter size hail was also reported at this location during the storm. **Marion County** 10K Thunderstorm Wind (EG50) Countywide 21 1406CST 1506CST Several trees were blown down throughout the county. **Marion County** Bexar 21 1410CST 0 0 0 Hail(0.75) Penny size hail was reported along US 78 near Exit 3. **Marion County** 2.8 NW Hamilton 1437CST 0 21 0 0 Hail(0.75) Penny size hail was observed in the Weston community along US 78. Winston County Arley 1508CST 0 0 2K 0 Thunderstorm Wind (EG50) 21 A few trees were knocked down in Arley. **Lamar County** 5 N Vernon 21 1517CST 0 0 Hail(0.75) **Lamar County** 21 1517CST Thunderstorm Wind (EG50) 5 N Vernon 5K Several trees were blown down along SR 17 and Mount Pisgah Road. Penny size hail was also reported with this storm. **Jefferson County** Vestavia Hills 21 1615CST 8K 0 Thunderstorm Wind (EG50) A few trees were blown down in Vestavia Hills. **Shelby County** Countywide Thunderstorm Wind (EG50) 21 0 **7K** Trees were blown down along SR 119 at the Park Forest subdivision entrance near Montevallo. Numerous trees and power lines were also knocked down throughout the county. **Sumter County** York 21 1630CST 0 **7K** Thunderstorm Wind (EG50) A few trees were blown down in and around York. At least one of the trees temporarily blocked a roadway. **Tuscaloosa County** Thunderstorm Wind (EG50) Northport 21 1640CST 30K

A few trees were blown down in Northport. One of the trees destroyed a mobile home.





		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage		July 2003		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm		
ALABAMA, Central											
Cleburne County 5.6 S Borden Spgs	21 Severa	1645CST I trees were blow	n down in the	Oak Level c	0 community.	0	6K	0	Thunderstorm Wind (EG50)		
Calhoun County Countywide	21 Severa	1645CST 1721CST I trees were blow	n down across	s the county.	0	0	10K	0	Thunderstorm Wind (EG50)		
Cleburne County 6.2 N Fruithurst	21 Severa	1650CST l trees were knoc	ked down in t	he Piney Wo	0 ods commun	0 nity.	6K	0	Thunderstorm Wind (EG50)		
Tuscaloosa County Brookwood									Lightning n electrical lines and injured an elderly arred causing burns to her hand.		
Marengo County Demopolis	21	1705CST			0	0	0	0	Hail(0.75)		
Marengo County Demopolis	21 A few	1705CST trees were blown	down along U	JS 80 in Den	0 nopolis. Pea	0 to penny	8K size hail al	0 so fell du	Thunderstorm Wind (EG50) ring the storm.		
Tuscaloosa County Tuscaloosa	21 Trees	1705CST were blown dowr	n on Pruitt Roa	nd.	0	0	8K	0	Thunderstorm Wind (EG50)		
Chilton County Countywide	21 Numer	1716CST 1750CST rous trees were ki	nocked down a	across the co	0 unty.	0	10K	0	Thunderstorm Wind (EG50)		
Marengo County Jefferson	21 A few	1740CST trees and power	lines were blo	wn down jus	0 t north and ea	0 ast of Jeff	3K ferson.	0	Thunderstorm Wind (EG50)		
Tallapoosa County Alexander City	21 Penny	1818CST size hail was rep	orted near the	intersection	0 of US 280 ar	0 nd SR 22.	0	0	Hail(0.75)		
Walker County Jasper									Thunderstorm Wind (EG50) ees landed on a vehicle driving on the the vehicle was demolished		
Walker County Jasper	22 Three	0930CST fires were ignited	by lightning	strikes in and	0 I around Jasp	0 ber. Varyi	50K ng degrees	0 of damag	Lightning e occurred to the structures.		
Walker County Saragossa	22 Severa	0930CST l trees were blow	n down in and	l around Sara	0 agossa.	0	27K	0	Thunderstorm Wind (EG50)		
Barbour County Eufaula	22 A few	1457CST trees and power	lines were blo	wn down in l	0 Eufaula.	0	8K	0	Thunderstorm Wind (EG50)		



2 E Zip City

penny size hail reported.

National Weather Service Storm Data and Unusual Weather Phenomena



July 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage ALABAMA, Central ALZ044 Montgomery 1500CST 0 0 0 0 **Extreme Cold/Wind Chill** The high temperature measured at Dannelly Field was 82 degrees. This established a new lowest high temperature reading. The previous record was 86 degrees set back in 1980. ALZ023 Tuscaloosa 24 0 0 Extreme Cold/Wind Chill The low temperature measured at the Tuscaloosa Municipal Airport was 63 degrees. This established a new record low temperature. The previous record was 64 degrees set back in 1966. ALZ024 **Jefferson** 25 0400CST 0 0 0 **Extreme Cold/Wind Chill** The low temperature measured by the cooperative observer in Pinson was 60 degrees. This tied the previous record low which was previously set in 1988. ALZ023 Tuscaloosa 25 0400CST O 0 **Extreme Cold/Wind Chill** The low temperature measured at the Tuscaloosa Municipal Airport was 64 degrees. This established a new record low temperature. The previous record was 66 degrees set back in 1966. **Dallas County** 1610CST Thunderstorm Wind (EG50) 29 0 Selma 0 13K Trees and power lines were blown down on the west side of Selma. A few of the trees blocked roadways. ALABAMA, North **Colbert County** 1354CST Tuscumbia Lightning lightning struck a truck and destroyed truck tire and exploded asphalt with a six foot by one foot trench in the asphalt produced. one 14 year old male was slightly injured by debris from the flying asphalt. **Madison County** Huntsville 10 Thunderstorm Wind (ES60) 1535CST several trees and power lines were downed by thunderstorm winds. **Madison County** 1640CST 1730CST Huntsville Flash Flood several streets were flooded with several inches of water covering them. **Lauderdale County** Lexington 1346CST 1351CST 0 Hail(1.00) quarter size hail reported. **Lauderdale County** Green Hill 1030CST 1130CST Flash Flood several inches of water covering road with flooding reported. **Lauderdale County** Hail(0.75) Zip City 1310CST 0 0 penny size hail reported. **Lauderdale County**

0

0

Hail(0.75)





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Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
ALABAMA, North									
Colbert County Margerum	21 severa	1326CST l trees blown dow	n by thunders	storm winds	0	0		Thunderstorm Wine	d (ES70)
Colbert County Countywide	21 numer	1330CST ous trees blown do	own countyw	ide.	0	0		Thunderstorm Wind	d (ES70)
Lauderdale County Cloverdale	21 severa	1345CST l trees blown dow	n.		0	0		Thunderstorm Wine	d (ES60)
Colbert County Allsboro	21 a few t	1350CST trees blown down.			0	0		Thunderstorm Wind	d (ES60)
Franklin County 2 N Russellville	21 a few t	1412CST trees blown down.			0	0		Thunderstorm Wind	d (ES60)
Limestone County 5 NE Athens	21 a few t	1430CST trees blown down.			0	0		Thunderstorm Wine	d (ES50)
Madison County Madison	21 a few t	1445CST trees blown down	just south of	highway 72.	0	0		Thunderstorm Wind	d (ES60)
Morgan County Falkville	21 a few t	1445CST trees blown down.			0	0		Thunderstorm Wind	d (ES60)
Madison County Harvest	21 a few t	1506CST trees blown down.			0	0		Thunderstorm Wind	d (ES50)
Marshall County Arab	21 a few t	1527CST trees down across	cell phone to	wer.	0	0		Thunderstorm Wine	d (ES50)
Dekalb County Collinsville	21 a few t	1545CST trees down across	highway 227.		0	0		Thunderstorm Wine	d (ES50)
Jackson County Scottsboro	21 a few p	1545CST power lines and po	ower poles bl	own down.	0	0		Thunderstorm Wine	d (ES50)
Dekalb County 5 S Ft Payne	21 a few t	1550CST trees down across	highway 171	6 on lookout	0 mountain.	0		Thunderstorm Wine	d (ES50)
Jackson County Scottsboro	21 a few t	1605CST trees down.			0	0		Thunderstorm Wine	d (ES50)
Lauderdale County Green Hill	22 several	1025CST 1200CST	over military 1	road	0	0		Flash Flood	
Lauderdale County Killen	22	0634CST size hail reported.	·		0	0		Hail(0.75)	





July 2003 Time Local Path Length Path Number of Estimated Width Persons Damage ALABAMA, North **Franklin County** Phil Campbell 22 0745CST 0 0 75K Thunderstorm Wind (ES60) several trees and power lines down along with out building blown away and a four homes and businesses with minor to moderate roof and structural damage. Lauderdale County Green Hill 22 0800CST O 0 2K Lightning house struck by lightning with minor damage. **Lawrence County** Moulton 22 0830CST 0 0 Thunderstorm Wind (ES60) a few trees and power lines blown down. **Lawrence County** Wren 0830CST 2K0 Lightning lightning struck and destroyed a storage building and contents. **Madison County** Huntsville 22 0910CST 0915CST 150K Thunderstorm Wind (ES70) several trees and power lines down and two apartment buildings sustained major roof and structural damage. **Jackson County** Woodville 22 0945CST 0 5K Thunderstorm Wind (ES60) 0 roof blown off of barn by thunderstorm winds. **Jackson County** 1005CST 1130CST Woodville Flash Flood county roads 1 and 8 and state road 65 with several inches of water over the roads. Lauderdale County Flash Flood 2 E Lexington 22 1200CST County road 502 with several inches of water over the road **Madison County** 1831CST Thunderstorm Wind (ES50) **New Market** 28 a few trees and power lines down. ALABAMA, Southeast **Houston County** Kinsey 11 1300EST 10K Thunderstorm Wind (EG50) Numerous trees and several power lines down. Reported by the Houston County EMA **ALABAMA**, Southwest **Escambia County** Flash Flood Countywide 01 0000CST 0700CST Heavy rainfall from Tropical Storm Bill continued from June 30 over the county. Many roads in the county became flooded and were impassable for several hours. Rainfall totals from the storm across the area were seven to eight inches. **Baldwin County** 0000CST 0700CST Countywide 01 Flash Flood

Heavy rainfall from Tropical Storm Bill continued from June 30 over the county. Many roads in the county became flooded and



Barlow Bend

02

National Weather Service Storm Data and Unusual Weather Phenomena



July 2003 Time Local Path Length Path Number of Estimated Width Persons Damage ALABAMA, Southwest were impassable for several hours. Rainfall totals from the storm across the area were eight to nine inches **Mobile County** 0000CST 0130CST Countywide 01 Flash Flood Heavy rainfall from Tropical Storm Bill continued from June 30 over the county. Many roads in the county became flooded and were impassable for several hours. Rainfall totals from the storm across the area were seven to eight inches. **Baldwin County** 5K Thunderstorm Wind (EG50) Stockton 01 0135CST 0137CST High winds from a thunderstorm blew down several trees near Stockton. **Covington County** 01 0255CST 0258CST 5K Thunderstorm Wind (EG50) Wing High winds from a thunderstorm blew down several trees along State Highway 137, north of Wing. ALZ063 Lower Mobile 0300CS 0 0 Heavy Surf/High Surf High waves, that were triggered as Tropical Storm Bill moved inland west of our area, caused some tidal flooding along the west end of Dauphin Island. This same area lost its dunes over the past few years as tropical systems washed the sand away. The road that leads to the west end of the Island had to be closed due to high water. High water was also reported in the inside lanes of the Bayway across Mobile Bay. The inside lane had to be closed for several hours due to the high water **Crenshaw County** 1 NE Honoraville to 4 N Honoraville 600 200K Tornado (F1) 01 A tornado, that was spawned as Tropical Storm Bill moved inland, first touched down just east of the intersection of County roads 11 and 86 on Mothershed road which is just northeast of Honoraville. The tornado was narrow at the beginning and damage was limited to trees. The tornado tracked north along Mothershed road and some trees fell on a few homes and some shingles were blown off. Two sheds were also blown down. The tornado then crossed County road 68 where the major damage to homes occurred. A brick home had its roof blown off and parts of the brick walls were blown down. Several manufactured homes were also damaged. The tornado reached its maximum width of about 600 yards here. The tornado then tracked north northwest across open forests where the width of damage narrowed to a couple hundred yards. The tornado then lifted back into the clouds near Faulk road and County road 11. A manufactured home on Faulk road had its roof torn off and the home was shifted off its blocks. The home was oriented parallel to the movement of the storm. Other than minor scrapes and bruises, no injuries were reported. **Monroe County** Uriah to 02 1840CST Flash Flood Monroeville 2030CST Heavy rains from a cluster of thunderstorms caused street flooding between Uriah and Monroeville. Several secondary roads in this area had to be closed as they became impassable. The water drained after the storms had dissipated. Rainfall totals of five to seven inches in a two hour period were measured across the area. **Clarke County**

Heavy rains from a cluster of thunderstorms caused several roads around Barlow Bend to flood. The roads had to be closed for about an hour. Three to four inches of rainfall were estimated across the area in a one hour period.

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Flash Flood

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July 2003 Time Local Path Length Path Width Number of Estimated Persons Damage ALABAMA, Southwest **Monroe County** Uriah to Megargel 03 0 0 Flash Flood Heavy rains across the south part of the county caused State Highway 21 to flood. The highway between Uriah and Megargel had to be closed for about an hour due to high water. Rainfall totals of around four inches in an hour were estimated. **Choctaw County** 11 1445CST 1446CST 5K Thunderstorm Wind (EG50) Toxey High winds from a thunderstorm blew down several trees near Toxey. **Baldwin County** 1630CST 1633CST **Daphne** 12 Hail(0.75) **Covington County** 2110CST 2112CST Andalusia 16 5K Thunderstorm Wind (EG50) High winds from a thunderstorm blew down several trees just northeast of Andalusia **Conecuh County** 5K Thunderstorm Wind (EG50) Evergreen 16 High winds from a thunderstorm blew down several trees near Evergreen. **Conecuh County** Evergreen 16 0 Flash Flood Heavy rains caused several streets in the Evergreen area to become impassable. Over three inches of rain fell in less than an hour across the area. The flooded streets quickly drained as the thunderstorms moved out of the area **Baldwin County** Foley 17 Hail(0.88) **Baldwin County Gulf Shrs** 17 Hail(1.00) **Choctaw County** 5K Gilbertown Thunderstorm Wind (EG50) 17 High winds from a thunderstorm blew down several trees near Gilbertown. Nickel size hail was also reported with the storm. **Clarke County Fulton** 17 Hail(0.75) **Clarke County Fulton** 17 0 Hail(1.00) **Choctaw County** 19 O 0 Flash Flood Needham Heavy rains from slow moving thunderstorms caused street flooding in and around Needham. Several secondary roads around Needham were impassable because of high water and were closed for about an hour. Four inches of rainfall was estimated in an hours time near Needham. **Mobile County** Hail(0.88) Coden 21





July 2003 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage ALABAMA, Southwest **Clarke County** Jackson 22 0 0 5K Thunderstorm Wind (EG50) High winds from a thunderstorm blew down several trees near Jackson. **Monroe County** 0 5K Monroeville 22 Thunderstorm Wind (MG58) High winds from a thunderstorm blew down several trees near Monroeville. A citizen also measured 65 mph gusts. **Monroe County** Frisco City to Monroeville Flash Flood 22 Heavy rains from slow moving thunderstorms caused several secondary roads between Frisco City and Monroeville to become impassable. Rainfall estimates were about three inches in an hour. The roads drained quickly when the storms moved out of the area. **Baldwin County** Foley to Daphne 22 0 0 Flash Flood Heavy rains from slow moving thunderstorms caused several streets between Daphne and Foley to become impassable. Three to five inches of rainfall were estimated across the area. The streets that were closed quickly drained after the storms had moved out of the area. **Escambia County** Appleton 30 1600CST 0 3K Lightning Lightning struck an abandoned oil storage tank near Appleton. The tank only had a small amount of oil in it and the fire department was able to extinguish the flames before the fire spread.