

County Impacts Associated with Hurricane Debby (2024)

Narratives listed in alphabetical order by counties.

Updates:

- 8/8/2024 - expanded Appling, Jeff Davis, and Suwannee based on storm surveys (ACS/KC) and Began Alachua (ARS/KC), Atkinson & Brantley (KC)
- 8/9/24 - expanded Appling, Flagler, Nassau (KC), and Baker, Bradford, Camden, Charlton, Clay, Clinch, Coffee, Duval, Gilchrist, Hamilton, Marion, Pierce, St Johns, Ware, (KC). Added SWP email info (AE).
- 8/10/24 - Expanded Columbia, Suwannee, Marion, Coffee, Baker, Bradford, Brantley, Camden, Charlton, Clinch, Clay, Coffee, Duval, Glynn, Jeff Davis, Nassau, St Johns, Ware (KC) and began Putnam, Bacon, Wayne (KC) - All counties have a narrative. (KC)
- 8/12/24 - Added Oak View Drive Dam Failure Damage to Appling County, Clay County Impact Details, Union County Observations (AE)

County Name	Injuries: 1	Fatalities:	Evacuations:
Alachua			
<p>Multiple road closures were reported due to downed trees and powerlines across roadways. Alachua County reported a tree down on the 4900 block of SW SR-45 in the Newberry area which blocked all lanes. The tree caused a traffic crash which resulted in one injury. Fallen trees were also reported blocking all lanes along SR-222, SR-24, and SR-26 at NW 242nd St. Fallen trees and downed power lines were also reported across the University of Florida campus. In Gainesville, High Springs, Newberry, and Alachua, a number of homes suffered minor to major damage due to flooding, and several trees fell onto homes. On 8/5 at 8:11 am EDT, State Warning Point relayed a report that there was damage to a residence in Alachua due to a tree of unknown size that destroyed the home, but with no injuries. Wind gusts between 40-54 mph were observed during Debby across the county and 8.75 inches of rainfall was measured by a CoCoRaHS observer at Brooker 1.6 SW during Debby.</p> <p>On the University of Florida campus, the EM relayed that there were several trees blown down, minor roadway flooding at times and water flooded into a few buildings. The WeatherStem on campus measured 7.19 inches of storm total rainfall and the highest wind gust was 54 mph during the early morning hours of 8/5. There were frequent gusts of tropical storm force overnight on Sunday 8/4 through 8/5. At the Santa Fe Community College in Gainesville, the EM reported significant water damage was reported at several campus buildings and downed tree limbs and wires were blown down.</p>			

County Name	Injuries:	Fatalities:	Evacuations:
Appling			
<p>Appling County Emergency Management reported at least 6 dirt roads washed out by floodwaters, including Jim Sellers Road at the intersection of U.S. Highway 341, Zoar Road, and Hill Top Road. Over 130 road closures or roads inundated by floodwaters were reported throughout the county. A storm total rainfall of 14.7 inches was measured at the City of Baxley Water Treatment Plant as of 4 PM on August 6th. A large earthen dam broke near Piney Bluff Road and drained an estimated millions of gallons of water leveling</p>			

small trees and grass in a nearby field, almost inundating a nearby mobile home, flooding US HWY 1 with about 2.5 to 3 feet deep of floodwater, and then washed out Hill Top Road sweeping culverts into the woods. A property along Oak View Drive experienced 4-5 feet of flood water inundation from the dam break. This caused water inundation into a shed, damage to power tools, a golf cart and lawnmower. A large Oak tree fell across Hershel Tillman Road making it impassable.

County Name Atkinson	Injuries: 0	Fatalities:	Evacuations:
Multiple road closures were reported due to flooded roads. Multiple locations along County Road 170 near Axson, GA were washed out and collapsed. Deep flood water along Lige Road and Wood Duck Rd made them impassable. W Albany Ave in Pearson, GA also suffered extensive flooding with floodwaters approaching business doors. 5.54 inches of rainfall was measured by a CoCoRaHS observer at Pearson 3.5 NE during Debby.			

County Name Bacon	Injuries: 0	Fatalities: 0	Evacuations:
Alma, Bacon County Airport (KAMG) measured a peak wind gust of 40 mph on 8/6 at 12:42 AM.			

County Name Baker	Injuries:	Fatalities:	Evacuations:
Several inches of water was reported across Southern States Nursery Rd in Macclenny. The St. Marys River near Macclenny reached major flood stage and peaked at 19.71 ft on Aug. 7th. 9.67 inches of rainfall was measured by a CoCoRaHS observer at Glen St. Mary 4.4 SW during Debby.			

County Name Bradford	Injuries:	Fatalities:	Evacuations:
Keystone Heights Airport AWOS measured gusts between 40-52 mph during Debby. 6.22 inches of rainfall was measured by a COOP observer at 2.0 NE New River during Debby.			

County Name Brantley	Injuries:	Fatalities:	Evacuations:
Widespread road closures and washed out dirt roads occurred due to flooding rainfall. Dryden St, Fort Mudge Rd, Eastwood Rd, and Thrift Rd were washed out and scoured by floodwaters. A van was stranded in			

flood water along Post Rd. A few small trees fell across Wyatt Rd. 7.69 inches of rainfall was measured by a CoCoRaHS observer at Nahunta 6 S during Debby.

County Name Camden	Injuries:	Fatalities:	Evacuations:
Multiple dirt roads were washed out across Camden county. A large tree uprooted at Sanctuary Golf Club. 8.8 inches of rainfall was measured by a CoCoRaHS observer at Kingsland 1.2 WSW during Debby.			

County Name Charlton	Injuries:	Fatalities:	Evacuations:
Nassau County Emergency Management reported that Stokes Road was closed due to being inundated by river flooding on the Georgia side of the St. Marys River. The St. Marys River near Macclenny reached major flood stage and peaked at 19.71 ft on Aug. 7th. 6.32 inches of rainfall was measured by a RAWs site at Oke-East during Debby.			

County Name Clay	Injuries: 0	Fatalities: 0	Evacuations: Select Voluntary Evacuations
Multiple roads were inundated with floodwaters from Black Creek including Lazy Acres Rd and Scenic Dr. North Fork Black Creek near Middleburg rose to moderate flood stage and crested at 20.13 ft on Aug. 6th. South Fork Black Creek near Penney Farms rose to minor flood stage and crested at 15.54 ft on Aug. 6th. A large oak tree split at the trunk and fell across a lawn in Orange Park. There were two trees that fell and hit homes and 15 residents reported storm damage to the county. 5.02 inches of rainfall was measured by a CoCoRaHS observer at Keystone Heights 10.0 NE during Debby.			

County Name Clinch	Injuries:	Fatalities:	Evacuations:
An uprooted tree fell on a home in Clinch county. Downed trees and powerlines were reported. 5.74 inches of rainfall was measured by a HADS site at Fargo during Debby.			

County Name Coffee	Injuries:	Fatalities:	Evacuations:
Multiple dirt roads were reported to be flooded including Club Road. 4.93 inches of rainfall was measured by a CoCoRaHS observer at Douglas 2.5 WSW during Debby. Wind gusts between 42-52 mph were observed during Debby.			

County Name Columbia	Injuries:	Fatalities:	Evacuations:
<p>Widespread impacts due to major flash flooding were reported across Columbia county. 12.55 inches of rainfall was measured by a CoCoRaHS observer at Lake City 7.9 SSW during Debby. Wind gusts between 40-48 mph were observed during Debby.</p> <p>On 8/4 around 8 PM, Columbia County EM and Storm Spotters reported an observed tornado on the ground off HWY 441 near Lake City Airpark and then crossing I-75 about 3-4 miles south of Lake City. On 8/5 at 9:52 pm, Columbia county EM reported State Road 240 in Lake City was washed out and would be closed for an extended period due to flooding. One submerged vehicle was reported. State Road 247 and Peacock Terrace were closed due to flooding. Along the Columbia - Suwannee county line (SW Alfalfa Ave), a home suffered complete destruction of their roof, nearby structures/out-buildings collapse and large tree branches snapped off and were tossed across the yard. Trees also snapped at the trunk near Alligator Lake.</p>			

County Duval	Injuries:	Fatalities:	Evacuations:
<p>Multiple downed trees and powerlines were reported blown down across the county. A tree snapped and fell on a car causing damage in Riverside. A large tree uprooted and fell on a house causing roof damage along Ribault Scenic Dr. Edgewood Ave was closed due to flooding. Wind gusts between 40-62 mph were observed during Debby. 6.29 inches of rainfall was measured by a CoCoRaHS observer at Jacksonville 11.3 WNW during Debby.</p>			

County Name Echols	Injuries:	Fatalities:	Evacuations:
<p>No information provided.</p>			

County Name Flagler	Injuries:	Fatalities:	Evacuations:
<p>Tropical cyclone wind gusts impacted the county on 8/5. Wind gusts between 40-54 mph were observed during Debby. Flagler county EMA reported a few trees were downed in Palm Coast and Bunnell.</p>			

County Name	Injuries:	Fatalities:	Evacuations:
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Gilchrist			
<p>SR-26 was closed at the Gilchrist and Alachua County line due to flooding. SR-47 from NE CR-340 to SE CR-232 was closed in Gilchrist County due to downed trees, powerlines, and flooding. Peak wind gust of 42 mph was measured by 0651W 4.7 W Newberry (WEATHERSTEM). 10.32 inches of rainfall was measured by a CoCoRaHS observer at 5 W Newberry during Debby.</p>			

County Name Glynn	Injuries:	Fatalities:	Evacuations:
<p>The College Park neighborhood in Brunswick was one of the most flooded areas in the city. Water entered homes. Several trees fell and damaged homes in Brunswick with some homes having roof damage due to metal roofing material being peeled off. One outbuilding was destroyed due to a large tree that fell on it. 5.8 inches of rainfall was measured by an AWOS site at Brunswick Golden Isles Airport (KBQK) during Debby. Wind gusts ranged between 44-57 mph.</p>			

County Name Hamilton	Injuries:	Fatalities:	Evacuations:
<p>11.63 inches of rainfall was measured by a CoCoRaHS observer at White Springs 0.3 NW during Debby. Wind gusts between 41-44 mph were observed during Debby.</p>			

County Name Jeff Davis	Injuries: 0	Fatalities:	Evacuations:
<p>Flash flooding occurred county wide with the most washed out roadways being dirt roads. Two swift water rescues were required, the first an individual whose car was swept off an asphalt county road and the second a woman who drove around barriers into a flooded dirt road. One structure flooded in the City of Hazlehurst in a known flooding trouble area. School is anticipated to be closed for several days until sanitation facilities and dirt roads are brought back online. 4.54 inches of rainfall was measured by an AWOS site at Hazlehurst Airport (KAZE) during Debby. AWOS station Hazlehurst Airport (KAZE) also gusted to 41 mph.</p>			

County Name Marion	Injuries:	Fatalities:	Evacuations:
<p>AWOS station KOCF Ocala Airport gusted to 41 mph during Debby. 9.37 inches of rainfall was measured by a CoCoRaHS observer at Micanopy 3.6 SSW during Debby.</p>			

County Name	Injuries:	Fatalities:	Evacuations:
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Nassau			
<p>Nassau County Emergency Management reported that Stokes Road bridge was closed due to being inundated by river flooding on the Georgia side of the St. Marys River. St. Marys river also flooded the Scott's Landing boat ramp and nearby sheds at St. Marys river campground. The St. Marys River near Macclenny reached major flood stage and peaked at 19.71 ft on Aug. 7th. The St. Marys River at Traders Hill reached major flood stage and peaked at 16.17 ft on Aug. 10th. Zidell Road in Callahan was closed due to deep floodwaters making it impassable. A car was also stranded in the floodwaters. CR-119 and CR-121 were reported flooded but passable. 9.27 inches of rainfall were reported in Hilliard, FL during Debby. AWOS station KFHB Fernandina Beach gusted to 46 mph.</p>			

County Name Pierce	Injuries:	Fatalities:	Evacuations:
<p>Georgia Emergency Management and Homeland Security Agency reported that College Avenue near Blackshear was washed out by floodwaters and collapsed on the evening of August 5th. Approximately 200 residents in the Blue Lake subdivision were trapped by this road washout. 7.51 inches of rainfall was measured by a COOP observer at 1.9 NE Sunnyside during Debby.</p>			

County Name Putnam	Injuries:	Fatalities:	Evacuations:
<p>Widespread downed trees and powerlines were reported across the county. A tree fell on a home and caused unknown damage. A road was reported to be washed out. 4.56 inches of rainfall was measured by a CoCoRaHS observer in Hollister during Debby. The AWOS site at Palatka Airport (K28J) measured a peak wind gust of 47 mph on 8/5 at 12:35 PM.</p>			

County Name St. Johns	Injuries:	Fatalities:	Evacuations:
<p>Wind gusts between 50-58 mph were observed during Debby. 7.28 inches of rainfall was measured by a CoCoRaHS observer at Sawgrass 0.0 E during Debby.</p>			

County Name Suwannee	Injuries:	Fatalities:	Evacuations:
<p>Suwannee was the most heavily impacted county in the NWS Jacksonville area as the eyewall of Debby crossed over the county through the day on 8/5. Widespread flash flooding occurred with water inundation into structures and swift water rescue deployments. Most of the City of Live Oak was flooded and the southern end of the county was inaccessible for some time after the storm. Most businesses in the city of Live Oak were flooded and a major county road was completely washed out near the Community of</p>			

Wellborn. U.S. Highway 90 was closed for about 36 hours. The Miami-Dade Urban Search and Rescue (USAR) Team was deployed to the southern end of the county with the initial push south and a large Incident Management Team (IMT) effort was set up in Live Oak. Extensive tree and structure damage was observed county-wide. Major main stem river flooding was occurring on both the Suwannee and Santa Fe Rivers. On 8/5 at 12:20 PM, a peak wind gust of 65 mph was observed at FAWN Suwannee Advent Christian Village WeatherSTEM site.

County Name Union	Injuries:	Fatalities:	Evacuations:
<p>Most of the county's impacts included wind damage and flooding. On 8/5, State Warning Point relayed that the City of Lake Butler reported an ongoing raw sewage release of approximately 3,000-4,000 gallons from the wastewater treatment plant due to a lightning strike on the generator. No storm drains or waterways were impacted. SW CR-231A in Lake Butler was closed due to large fallen trees along the road. 7.22 inches of rainfall was measured by a COOP observer at 3.6 NW Lake Butler during Debby. The EM reported that the WeatherStem station at the county courthouse in Lake Butler measured 9.99 inches of storm total rainfall and had a peak wind gust of 45 mph during Debby.</p> <p>On 8/4 at 7:40 PM, one of Debby's rainbands produced a severe tornadic thunderstorm. The tornado was rated an EF1 and touched down about a quarter of a mile south of State Road 238 and about a quarter mile east of Southwest County Road 241 and moved northwest towards Southwest 85th Path. The tornado produced EF1 tornado damage at 7:40 PM as it touched down south of State Road 238 by snapping the tree trunk of a large hardwood tree. The tornado proceeded northwest to homes along Southwest 85th Path, overturning a travel trailer, knocking down a wooden fence, and uprooting another hardwood tree. The tornado's last impact was tearing off the roof of a shed along Southwest 85th Path before it lifted. The tornado was on the ground for about 1 minute and was on the ground a distance of just under a quarter of a mile. The tornado had a maximum width of about 20 yards and had maximum winds up to about 93 mph.</p>			

County Name Wayne	Injuries:	Fatalities:	Evacuations:
<p>Large trees snapped and fell across Sharpe St and Gaffeny St in Screven, GA blocking all lanes. 10.49 inches of rainfall was measured by a CoCoRaHS observer at Jesup 10.0 NNW during Debby.</p>			

County Name Ware	Injuries:	Fatalities:	Evacuations:
<p>A large tree fell on a screened enclosure damaging the structure to a home in Waycross, GA. 7.72 inches of rainfall was measured by a CoCoRaHS observer at Waycross 2.6 NNW during Debby. On 8/5, AWOS KAYS Waycross Ware Co measured a peak gust of 40 mph.</p>			