

TROPICAL UPDATE



1:00 PM EDT

Friday, September 18, 2020

Panhandle River Flooding

Hurricane Teddy, TS Wilfred, STS Alpha & TD #22

Weekend Coastal Flooding/Beach Erosion Event on East Coast

This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an active weather event please contact your County Emergency Management or Public Safety Office, local National Weather Service forecast office, or visit the National Hurricane Center website at www.hurricanes.gov.



Tropical Weather Outlook

Possible Areas of Development During the Next 5 Days (LINK)

FDEI





Forecast Cones for Teddy & Wilfred





Forecast Cones for Alpha & TD 22







Steering Currents

What is Moving the System?

Color denotes the movement speed through the atmosphere and thin white lines denote direction. Tightly clustered white lines represent faster movement as well.

Teddy will be steered northwestward then northward around the western edge of high pressure.

TD22 will be caught between two highs and will meander over the western Gulf as a result of weak steering flow.

Wilfred will move westnorthwestward on the southern edge of high pressure.





Wind Shear

Is the environment favorable for the system?

Color denotes the amount of wind shear and the lines denote how it have changed over the last 24 hours (dotted lines show decreasing shear and solid lines show increasing.

Wind shear is currently fairly low over Teddy, Wilfred and TD22, leading to a favorable environment for organization and strengthening.

Wilfred and Teddy will encounter higher wind shear over the coming days. Some southwesterly shear on the northern part of TD22 will allow some moisture to be transported northeast.





Current River Status

Tallchassee

Below Flood
Action Level
Minor Flood
Moderate Flood
Major Flood

Pensacola

▲ Rising
▼ Falling
● Cresting



Latest River Forecasts

<u>Southeast River Forecast Center</u>

River Gauges	County(ies) Affected	Status	Crest Level	Crest Day	Below Flood Stage Day
Perdido River near Barrineau Park	Escambia	FALLING	MODERATE 22.3	9/16	9/19
Escambia River near Century	Escambia, Santa Rosa	CRESTING	MINOR: 21 ft.	9/19	Beyond 9/24
Big Coldwater Creek near Milton	Santa Rosa	FALLING	MODERATE: 21.5 ft.	9/17	9/18
Blackwater River near Baker	Okaloosa, Santa Rosa	FALLING	MAJOR: 24.5 ft.	9/17	9/18
Yellow River at Milligan	Okaloosa	RISING	MODERATE: 15.1 ft.	9/19	9/19
Shoal River near Crestview	Okaloosa	FALLING	MAJOR: 16.6 ft.	9/17	9/19
Shoal River near Mossy Head	Walton	FALLING	MAJOR: 25.65 ft.	9/16	9/19
Wrights Creek near Bonifay	Holmes	FALLING	MAJOR: 20.7 ft.	9/17	9/18
Choctawhatchee River near Pittman	Holmes	RISING	MODERATE: 28.2 ft.	9/18	Beyond 9/24
Choctawhatchee River at Caryville	Holmes, Washington	RISING	MODERATE: 17.7 ft.	9/21	9/24
Choctawhatchee River near Bruce & Ebro	Walton, Washington	RISING	MAJOR: 20 ft.	9/22	Beyond 9/26
Holmes Creek near Vernon	Washington	CRESTING	MINOR: 27 ft.	9/18	9/21
Econfina Creek at SR 20	Bay, Washington	FALLING	MODERATE: 25.6 ft.	9/17	9/19
Chipola River at Marianna	Jackson	RISING	MINOR: 19.7 ft.	9/20	9/22
Chipola River near Altha	Jackson, Calhoun	CRESTING	MODERATE: 26.6 ft	9/18	9/22
Apalachicola River near Blountstown	Calhoun, Liberty, Gulf, Franklin	RISING	MINOR: 23 ft.	9/21	Beyond 9/25



- 23.3 Widespread flooding of pasture and farm land. Water begins to reach Mystic Springs Road, Worley Road, Mamer Holley Lane and River Bend Road. Approximately 5 houses become isolated in the McDavid and Molino communities. Public boat ramps at Mystic Springs and Fairground Road are submerged.
- 19 Low lying pastures will flood. Cattle should be moved to higher ground.
- 17 Considerable flooding of lowlands.
- 13 Minor overflow of lowlands in the area.





Stage Impacts

19.8 20-25 Homes in Paradise Island near Milton affected by flood waters. Severe undermining of several homes in Ward Basin area south of Milton.

10 Flooding of lowlands and some fish camps will occurs.



MLYF1(plotting HGIRG) "Gage 0" Datum: 35.5"



- Some residential flooding occurs 16 downstream from Baker.
- 14.5 Flooding of West Park in Baker.
- Flooding of East Park in Baker. 14
- 11 Minor flooding of secondary roads and lowlands from around Baker to downstream of Baker.
- Kennedy and Peaden Bridges are 9.5 flooded upstream.

- Widespread flooding east of the U.S. Highway 90 bridge and downstream of the gage occurs. Numerous evacuations are required. U.S. Highway 90 and the L & N Railroad tracks start to flood.
- 15.4 Antioch Road is flooded.
- 15 Many homes near and east of the L & N Railroad tracks downstream of the U.S. Highway 90 bridge are flooded. Some evacuations are necessary.
- 14.5 Antioch road begins to flood.
- 14 Some homes downstream of the U.S. Highway 90 bridge and along A.L. Gillman Road begin to flood. Evacuations are necessary if higher stages are expected.
- Water threatens home on Ellis and Antioch Roads. 13
- Extensive overflow of lowlands will occur and a few rural roads in the 12 area will become flooded.
- Water flows over yards on Ellis Road. 11.5
- Some minor overflow of low lying areas will occur. Water will enter some 9.9 yards along Antioch Road in Milligan.



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9am

Fri

Sep 18

9am

Sat

Sep 19

Site Time (CDT)

9a'm

Sun

Sep 20

9am

Mon

Sep 21

Observed — Forecast (issued 9:11AM Sep 18)

9am

Tue

Sep 22

0.3

9am

Wed

Sep 23

MLGF1(plotting HGIRG) "Gage 0" Datum: 45

9a'm

Wed

Sep 16

9am

Thu

Sep 17

Graph Created (9:30AM Sep 18, 2020)

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Sep 15

23

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3

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Sep 15

Action

(1) 13

tag





Okaloosa County

21.4 Water in homes at Trevor Court and Antioch Roads. Buildings underwater in Highway 85 roadside park. Highway 90 bridge flooded.

- 15 Water in Trevor Court. Some homes in Rattle snake Bluff become flooded. US-90 and I-10 subject to closure.
- 14 Residential flooding in the Trevor Court area.
- 13 Homes on south bank of river begin to flood near Crestview.
- 12 Residential areas on the south bank of river near Crestview become isolated. Rattlesnake Bluff Road closed.
- 11 Flooding becomes a threat to the Trevor Court and Rattlesnake Bluff areas.
- 10 Some flooding of trailers north of the Okaloosa Correctional Institue. Water surrounds home on Sowel Road.
- 8.5 Water in yards on Sowel Road.
- 8 Minor flooding of low lying areas.





Walton County

Record Flooding occurs. Extensive flooding throughout the Shoal River Basin. All roads across the river are impassable. Numerous residents along the river experience significant and destructive flooding.

24 Water begins to flood the approach road surface and bridge travel lanes of New Harmony Road. Hinote Road at Deshazo Road floods.

22 Water reaches the base of the New Harmony Road bridge. Water begins to cross Williams Road near the Mill Creek Bridge. Nearly all residences on Plantation lane are flooded at this level.

20 Numerous residences along Planation Lane are flooded at this level.

18 Flood waters cross Plantation Lane in several places isolating many residences. Hinote Road is flooded more than one half mile south of the bridge, restricting access to flooded residences on Dallas Drive.

- 16 The Hinote Road Bridge begins to flood. The road is subject to closure.
- 14 Water begins to overflow into wooded areas along the river from New Harmony Road westward to Laird Road.



61 Major flash flooding throughout the creek basin. Structures on Johns Lane will flood and rising waters will approach the base of the SR-20 bridge.

59 The creek will begin to impact the Nelson Road bridge. Just upstream of the SR-20 bridge, homes on Johns Lane will be surrounded by flood waters. A home just south of SR-20 will flood.

58 Water will flood Johns Lane and a small community park 10 miles downstream of the gage site at the SR-20 crossing. The boat ramp on the south side of SR-20 will flood.

54 The creek will overflow into wooded areas along the creek both upstream and downstream of Nelson Road.

51 The creek will approach bankfull at Nelson Road.

Walton County

344 ft



25 Water will begin to flood the approaches on the north and southbound sides of the SR-81 bridge.

18 The creek begins to flood low lying, predominantly wooded areas in proximity to SR-81.

14 The creek approaches bankfull at the SR-81 bridge.





Holmes County

- 20 Widespread flooding on the north bank of the creek.
- 17 Water begins to approach CR 177 Alternate. The park on the west side of the highway floods.
- 13 A boat ramp and picnic pavillion on the north bank of the creek begins to flood.



- 15 In Holmes County, water begins to flood areas off Buck Rodgers Road east of CR-179A in Holmes County. Access to several of the fish camps become inaccessible above this level.
- 14 In Holmes County, Boat Ramp Road south of CR-179 will flood. Access to several of the fish camps off Boat Ramp Road may become inaccessible above this level.
- 12 Extensive lowland flooding will occur.



CARF1(plotting HGIRG) "Gage 0" Datum: 39.02'

Holmes/

Washington County

CHOCTAWHATCHEE RIVER AT CARYVILLE (US 90)

Universal Time (UTC)



Observations courtesy of US Geological Survey



Walton/

Washington County



- 24 Significant flooding affects numerous structures throughout the lower Choctawhatchee River Basin.
- 22 Structures along Holmes Creek from Millers Ferry Road to the confluence with the Choctawhatchee River in Washington County are prone to flooding above this level.
- In Walton County, flooding impacts multiple structures south of Black Creek Road between Rooks Bluff Road and BH Reddick Road. Flooding expands just north of SR-20 off Howell Bluff Road. 21
- In Walton County, multiple structures not elevated on BH Reddick Road are flooded. In Washington County, structures at the end of Choctaw Road begin to flood. Flooding begins at Boynton Cutoff Road. 20 Roads near Holmes Creek south of Millers Ferry Road southward to the confluence with the Choctawhatchee River are prone to flooding above this level. Structures on Backwoods Road also begin to flood.
- 19 In Walton County, several structures not elevated on BH Reddick Road flood. Access into the area is severely restricted above this level.
- In Walton County, additional structures on Choctawhatchee River Road and Big Cedar Road not elevated are flooded. A few structures on McCewen Street and Carnation Road begin to flood. Flooding 18 begins just north of SR-20 off Howell Bluff Road affecting a few residences.
- In Walton County, the boat ramp at Big Cedar Road is inaccessible at this level. The boat ramp at the end of McCewen Street floods at this level. Structures not elevated on Choctawhatchee River Road and 17 Big Cedar Road begin to flood.
- Portions of Big Cedar, Cowford, and Choctawhatchee River Roads in Walton County are impassible above this level. Structures in the area not elevated begin flooding. Portions of Choctaw Road in 16 Washington County begin to flood along with Strickland Road in the far southwestern portion of the county.
- 14 Big Cedar, Cowford, and Choctawhatchee River Roads begin to flood in Walton County. Flood waters impact storage areas underneath homes on the west banks of the Choctawhatchee River. Low areas along Strickland Road in Washington County become subject to flooding.





- 32 Water will reach homes along Jackson Avenue in Vernon and flood other structures downstream on the west side of town.
- 30 Water will begin to flood into the backyards of homes on Jackson Avenue in Vernon.
- 25 Water may begin to flood yard and homes near Culpepper Ln and CR 277 north of Vernon. Water may enter yards along Spoolmill Rd near the east bank of the creek.
- 24 Water will flood the wooded area on the north bank of the creek near Vernon.



- 22 Flooding continues to expand through Pitt Spring Recreational Area. The entrance to the park becomes blocked at this level.
- 21 Flooding begins in the Pitt Spring Recreational Area.





- 16.8 The County Road 388 bridge over Econfina Creek is subject to closure at this level.
- 11.8 Above this level, inflows into Deer Point Lake could result in moderate flooding along the lakeshore.
- 10.6 Water begins to overflow the creek into wooded bottomlands. Increased flows into Deer Point Lake above this level may result in minor flooding along the lakeshore.



30 Significant flooding in the area from Bear Creek. US-231 subject to closure.

28 Water will approach the base of the US-231 Bridge.

25 Water will flood North Bear Creek Road. A property northwest of the bridge will also be affected.

24 Water will begin to approach the surface of North Bear Creek Road.



- 9 Flooding continues to expand, impacting multiple homes along the lake.
- 8 Water begins to surround and flood some homes along the lake.
- 6.5 Docks and back yards of some homes along the lake begin to flood at this level.
- 5.5 Water levels begin to impact a few docks along the lake.





Jackson County

MALF1(plotting HGIRG) "Gage 0" Datum: 56'

- 25 Water approaches residences along Noland Street near Kelson Avenue in Marianna.
- 24 Water approaches the base of the Magnolia Road bridge south of Interstate 10.
- 23 Homes in Marianna on Angela Drive are surrounded by flood waters. A home on Cherokee Street south of Putnam Street is also surrounded by flood waters.
- 22 The Citizens Lodge north of town is surrounded by flood waters. Homes in Turtle Bend become inaccessible.
- 21 Extensive flooding occurs in the Citizens Lodge Park. Water begins to approach the lodge.
- 20.5 Flooding increases south of Interstate 10 with areas near Magnolia Road beginning to flood. Water begins to surround several homes off Turtle Bend Lane. Access into the area is severely restricted.
- 20 Water spreads out across the flood plain north of Marianna near Caverns Road inundating much of the Citizens Lodge Park.
- 19 The Florida Caverns is subject to closure. Water begins to flood Old US Road east of downtown near Bridgewood Rive. Flooding increases at Turtle Bend Lane beginning to flood primary access into the area.
- 18.5 Water begins to overtop the bank at Turtle Bend Lane.
- 18 Water begins to overflow into low lying areas north of town near the Florida Caverns. The southern half of the Citizens Lodge Park begins to flood. The Magnolia Road boat ramp begins to flood.
- 16 The Yancey Boat Ramp off Caverns Road floods.



- 30 Major flood damage will occur.
- 28.5 Water will reach the highway 274 bridge and approach the road.
- 23 Water will start to affect houses and mobile homes in the flood plain downstream from the gage. A few fish camps downstream of highway 20 will be affected by flood water.
- 22 Minor lowland flooding will occur. Lamb Eddy Road near the boat ramp will flood.



- 28 Several structures on Lee Bailey Landing will flood and water will approach Scotts Ferry General Store.
- 25 Water will further inundate the campground and begin to flood Lee Baily Landing Road, surrounding several structures. Areas along BH Stone Road will begin to flood. Water will surround structures south of SE Park Avenue in Chipola Park.
- 22 Water will approach a few structures in the lower portion of the Scotts Ferry Campground





Calhoun/ Liberty County

- 24.8 Water will reach the foundations of two houses east on highway 20. Flooding will also occur in Blountstown on Mayhaw.
- 24.5 In Blountstown, the area from the boat landing to Tupelo Street will be underwater. Lake Grove Road to the Chipola Cutoff area will flood in Gulf County. Water will approach homes at Red Bull Island and the Dalkeith and Howard Creek areas in Gulf County.
- 24.1 Water begins to flood NE Magnolia Street in Pine Island east of NE Hickory Street. In Blountstown, water begins to surround homes east of SE Pear Street to SE River Street. In Liberty County, flooding expands at the Bristol Boat Ramp affecting more residences.
- 24 The Wewahitchka area in Gulf County will be affected downstream of Blountstown. Minor house flooding will occur at Kentucky Landing, Chipola Cutoff, Red Bull Island, Douglas Landing, Brants Landing, Willis Landing and Howards Creek area.
- 23.5 Water will reach the walkway to Neal Lumber Office in Blountstown. Houses downstream at the Chipola Cutoff in the Wewahitchka area will begin to flood.
- 23 Water crosses the low water crossing on Parrish Lake East 3 miles before the end of the road in Calhoun County.
- 22 Minor lowland flooding will occur on many roads including Byrd Parker Road, Warmouth Drive, Gaskin Park, the end of Lake Grove Road, Elm Street on Red Bull Island, and Lower Landing on Howards Creek in Gulf County. In Liberty County, a home on River Road downstream of the Bristol Boat Ramp begins to flood on the lower level.
- 21 Ocheessee Landing in Calhoun County is flooded, restricting access to the boat ramp and parking area. Kennedy Creek at Forest Road 115 in Liberty County floods.
- 20 The boat ramp at Estiffanulga in Liberty County floods.
- 19 Minor lowland flooding will occur at Douglas Landing and Willis Landing Campgrounds in Gulf County.
- 18 Forest Road 115 in Liberty County at River Styx Campground will flood, isolating access to the site.
- 17 John Redd Road in Calhoun County will begin to flood one half mile west of the boat landing, restricting access to the area. The lower portion of the boat ramp in Blounstown floods at this level.



- 44 Major flood level. Homes flood along county highway 12.
- 38.5 County highway 12 may become closed to vehicular traffic.
- 36 Primary access to homes along county highway 12 on the east bank of the river in Leon County may become restricted.
- 33 Water will approach several structures on the Leon County side of the river near US-90 off Houston Road.
- 31 Iron Bridge Road (CR-153) in Gadsden County is prone to flooding just north of the river crossing. Residences several miles downstream of the gage site near US-90 on the Leon County side will have water in their backyards.
- 28 Water spreads out acrss the flood plain on both banks of the river further inundating wooded areas. The boat ramp at Iron Bridge Road (CR-153) in Gadsden County is flooded.
- 26 The river overflows into wooded bottomlands near US-27 and CR-153 in Leon and Gadsden Counties.
- 21 Tower Road boat ramp subject to closure



HVNF1(plotting HGIRG) "Gage 0" Datum: 59.36'



Gadsden County



Observations courtesy of US Geological Survey



23

21

18

- 24 House trailers on the Liberty County side south of C-120 will start to flood.
- 23 In Liberty County, the campground and fish camp floods. In Leon County, homes not elevated on Crooked Road begin to flood at this level. Crooked Road becomes impassable about a half mile south of the old SR-20 crossing.
- 22 Water begins to affect more homes along all of Crooked Road in Leon County.
- 20 Water begins to flood the backyards of homes at the end of Crooked Road in Leon County.
- 19 The parking and the boat ramp at the fish camp in Liberty County will be affected by high water.







OCLF1(plotting HGIRG) "Gage 0" Datum: 3.25'



Rain Chances Next 3 Days



12Hr Prob.Precip(%) Ending Fri Sep 18 2020 8PM EDT 12Hr Prob.Precip(%) Ending Sat Sep 19 2020 8PM EDT 12Hr Prob.Precip(%) Ending Sun Sep 20 2020 8PM EDT

Isolated to scattered showers possible in the Panhandle & Big Bend due to moisture from TD22. Increasing rain chances in the Peninsula with stalling front and strong east winds.

High Temperatures Next 3 Days



<u>Cold front brings much cooler temperatures to North Florida. Still a summer-like</u> <u>feel across the Peninsula.</u>



Low Temperatures Next 3 Days



Cold front brings much cooler temperatures to North Florida. Still a summer-like

feel across the Peninsula.



<u>As a cold front moves southward through the state, winds will become breezy,</u> <u>especially near the coast—sustained winds of 10-20 mph forecast, with gusts of</u> 25-35 mph possible.



Wave Heights Saturday - Monday



The combination of strong northerly winds and swells from Hurricane Teddy will create very high seas along the

East Coast well into next week. Beach erosion and dangerous rip currents likely!



Overall Summary

Hurricane Teddy

- Teddy is currently located about 1,550 miles east-southeast of Miami, Florida, or about 885 miles southeast of Bermuda, moving northwest at 12 mph.
- Maximum sustained winds are near 130 mph (Category 4). Though some fluctuations in intensity are expected during the next few days, Teddy is forecast to remain a major hurricane through Sunday as it passes by Bermuda.
- As it moves north into higher shear and cooler waters, a gradual decrease in intensity is expected, and should transition into a large post-tropical cyclone as it approaches Nova Scotia next week.

Tropical Storm Wilfred

- Invest 98L in the eastern Atlantic (630 miles west of the Cabo Verde Islands) was upgraded to Tropical Storm Wilfred at 11am EDT Friday.
- Maximum sustained winds are currently near 40 mph. Some slight strengthening is possible today, but weakening should start this weekend and continue into next week as wind shear increases near the system.
- Wilfred is moving west-northwest at 17 mph, and this motion is expected to continue for the next 4-5 days before degenerating into a tropical wave.

Sub-Tropical Storm Alpha

- Invest 99L in the northeastern Atlantic was upgraded to Sub-Tropical Storm Alpha at 12:30 pm EDT Friday with maximum winds near 50mph.
- Alpha should move across the coast of west-central Portugal during the next couple of days before dissipating.

Tropical Depression #22

- At 11am EDT Friday, Tropical Depression #22 was located about 615 miles southwest of Pensacola, Florida, or about 265 miles southeast of Brownsville, Texas.
- Current winds are near 35 mph, but favorable conditions will allow for strengthening through the weekend, and the depression is expected to become a tropical storm later today and be near or at hurricane strength by Sunday.
- The next name on the list is Beta.
- This system is forecast to slowly move northward over the next day or so before being turned westward towards the Texas coast this weekend. However, another approaching front could turn the system back to the northeast next week.
- Beyond this point, there is a high track uncertainty and further monitoring will be required for those along the U.S. Gulf Coast.

Ex-Paulette & African Tropical Wave

- The remnants of former Hurricane Paulette has a 30% of regenerating into a tropical cyclone later this weekend or next week as it moves south into the eastern Atlantic.
- A tropical wave is expected to emerge off the coast of Africa soon and has a 20% chance of development over the next 5 days.



Florida Outlook

Florida Outlook:

- **River Flood Warnings** continue for several rivers in the Panhandle. Many have crested and are receding, and crests on the Yellow River and Chipola River should crest within the next 36 hours. The Choctawhatchee River and Apalachicola River should crest early next week.
- High rain chances expected for the Peninsula this weekend along with increasing winds and waves at the coast.
- Mostly dry conditions expected in the Panhandle with low rain chances. Breezy winds expected late in the weekend.
- The combination of strong northerly winds and swells from Hurricane Teddy will create very high surf along the East Coast this weekend into next week. Beach erosion and dangerous rip currents are expected!
- No direct impacts are expected from any other tropical system, but TD #22 in the Gulf of Mexico should be monitored.
- The next briefing packet will be issued Saturday. For the latest information on the tropics, please visit the National Hurricane Center website at <u>www.hurricanes.gov</u>.



TROPICAL UPDATE



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State Meteorological Support Unit

Florida Division of Emergency Management

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