

TROPICAL UPDATE



5:00 AM EDT

Thursday, September 17, 2020 Tropical Depression Sally Invest 90L – Southwest Gulf of Mexico (90%)

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)

FDE





As of 6:45 AM ET / 5:45 AM CT

The center of Sally is moving from Southeast Alabama into western Middle Georgia with winds near 30mph.

A trailing rain band with some heavy rain and strong thunderstorms continues are moving into Big Bend and Suwannee Valley.

ALL TROPICAL STORM AND SURGE WARNINGS HAVE BEEN CANCELLED.



TD Sally Forecast

FDE





95W

90W

2 PM ET / 1 PM CT

HRRR 1km AGL Reflectivity (dBZ) and MSLP (mb; 0.5-degree smoothed) Init: 06z Sep 17 2020 Forecast Hour: [12] valid at 18z Thu, Sep 17 2020 TROPICALTIDBITS.COM 40 N Rain 30 25 20 10 35N · 52 36 28 20 Sleet 30 N 60 52 44 36 28 20 12 4 Snow 60

85W

80W

75W

Model Estimate Exact placement of rain bands may vary.

In general, rain bands will continue decrease in intensity today, with scattered showers and storms expected in Northeast and northern Central Florida. These should diminish around sunset as Sally moves into the Carolinas.

12

52

70W



Coastal Flood Advisories



Onshore winds will continue to cause minor coastal flooding along the northern Florida Gulf Coast today. A **Coastal Flood Warning** for Jefferson and Taylor Counties will remain until 2PM today, with **Coastal Flood Advisories** in effect until 8 PM Thursday.

Observed Rain Totals (Past 72 Hours)





Latest River Forecasts

Southeast River Forecast Center

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	9/18
Escambia River near Century	Escambia, Santa Rosa	RISING	MODERATE: 25.1 ft.	9/18	Beyond 9/23
Big Coldwater Creek near Milton	Santa Rosa	RISING	MODERATE: 20.4 ft.	9/17	9/19
Blackwater River near Baker	Okaloosa, Santa Rosa	RISING	MAJOR: 25.2 ft.	9/17	9/19
Yellow River at Milligan	Okaloosa	RISING	MAJOR: 18.9 ft.	9/18	9/20
Shoal River near Crestview	Okaloosa	RISING	MAJOR: 19.3 ft.	9/18	9/21
Shoal River near Mossy Head	Walton	FALLING	MAJOR: 25.65 ft.	9/16	9/19
Choctawhatchee River at Caryville	Holmes, Washington	RISING	MODERATE: 19.2 ft.	9/18	Beyond 9/24
Choctawhatchee River near Bruce & Ebro	Walton, Washington	RISING	MAJOR: 22 ft.	9/21	Beyond 9/29
Chipola River at Marianna	Jackson	RISING	MODERATE: 25 ft.	9/20	9/24
Chipola River near Altha	Jackson, Calhoun	RISING	MAJOR: 31.3 ft.	9/19	Beyond 9/29
Apalachicola River at Woodruff Dam	Jackson, Gadsden	RISING	MINOR 68.6 ft.	9/18	9/23
Apalachicola River near Blountstown	Calhoun, Liberty, Gulf, Franklin	RISING	MODERATE: 23.5 ft.	9/19	Beyond 9/25
Ochlockonee River near Concord	Gadsden, Leon	RISING	ACTION: 35.5 ft.	9/22	N/A
Ochlockonee River near Bloxham	Gadsden, Liberty, Leon, Wakulla	RISING	MINOR 22.5 ft.	9/18	9/20
Sopchoppy River near Sopchoppy	Wakulla	CRESTING	ACTION 27.0 ft.	9/17	N/A



Moderate Flood

Major Flood





- 26.3 RECORD FLOOD Hurricane Georges. Highway 112 Bridge is closed. River Annex Road, Ruby's Fish Camp, Hurst Hammock Road, River Annex Road, Seminole Landing, Adventures Perdido River, and River Bend Estates are flooded.
- 24.06 Water enters the first floor of houses on stilts just north of Adventures Perdido River.
- 17.55 Water reaches the first floor of Adventures Perdido River Office Building.
- 13 River begins to leave its banks at the parking lot of Adventures Perdido River. Begins to threaten several permanently parked travel trailers.

Mapped areas of concern based on NWS Impact Statements related to flood category



Escambia County





Stage Impact

- 34 Some flooding in the eastern sections of Century.
- 33.2 Bridge flood of Highway 4 floods.
- 24.2 RECORD FLOOD of March 18th 1990 Water enters several houses on Worley Road, Daffin Road, and Fairground Road.
- 23.7 Second highest record flood Approximately 8 houses become isolated and sections of Mystic Springs Road, River Bend Road and Fairground Road are impassable. Water from the river flows into ponds at B and L Catfish Farm on Mystic Road.
- 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.

Escambia County





Mapped areas of concern based on NWS Impact Statements related to flood category



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.

Mapped areas of concern based on NWS Impact Statements related to flood category

Santa Rosa County





- 24 Highway 4 bridge is closed.
- 23 Buildings underwater in Highway 4 roadside park
- 16 Some residential flooding occurs downstream from Baker.
- 14.5 Flooding of West Park in Baker.
- 14 Flooding of East Park in Baker.
- 11 Minor flooding of secondary roads and lowlands from around Baker to downstream of Baker.
- 9.5 Kennedy and Peaden Bridges are flooded upstream.



Okaloosa County



Mapped areas of concern based on NWS Impact Statements related to flood category



- MLGF1(plotting HGIRG) "Gage 0" Datum: 45
- 26 Severe flooding will occur in Milligan with many homes flooded. Water will be up to the eaves of some homes. Water will be six to eight feet deep over the U.S. Highway 90 bridge.
- 20.3 Many homes on both sides of the river, along Antioch Road and east of U.S. Highway 90, flood with up to three feet of water in some homes on Antioch Road.
- 19.1 Water crosses Highway 90 on the east end of bridge.
- 18.6 Water crosses Highway 90 on the west end of bridge
- 18 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.
- 13 Water threatens home on Ellis and Antioch Roads.
- 12 Extensive overflow of lowlands will occur and a few rural roads in the area will become flooded.
- 11.5 Water flows over yards on Ellis Road.
- 9.9 Some minor overflow of low lying areas will occur. Water will enter some yards along Antioch Road in Milligan.

Mapped areas of concern based on NWS Impact Statements related to flood category



Okaloosa County





- Water in homes at Trevor Court and Antioch Roads. Buildings underwater in Highway 85 roadside park. 21.4 Highway 90 bridge flooded.
- 15 Water in Trevor Court. Some homes in Rattle snake Bluff become flooded.
- Residential flooding in the Trevor Court area. 14
- Homes on south bank of river begin to flood near Crestview. 13
- Residential areas on the south bank of river near Crestview become isolated. Rattlesnake Bluff Road closed. 12
- Flooding becomes a threat to the Trevor Court and Rattlesnake Bluff areas. 11
- Some flooding of trailers north of the Okaloosa Correctional Institue. Water surrounds home on Sowel Road. 10
- 8.5 Water in yards on Sowel Road.
- Minor flooding of low lying areas. 8

Crestview \circ Eglin Air Force Base

Okaloosa County



Mapped areas of concern based on NWS



26 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.



Walton County

Mapped areas of concern based on NWS Impact Statements related to flood category





- 23 US 90 is flooded up to a foot deep east of the Choctawhatchee River bridge in Caryville. Water also reaches the base of the US 90 bridge and the highway is subject to closure at this level.
- 21 The access ramps to Interstate 10 at CR 279 begin to flood at this level.
- 20 Water begins to flood US 90 above one half mile east of the bridge in Washington County. Water will cover portions of the railroad in Caryville.
- 18 Water begins to flood areas along CR-279 in Washington County north of Interstate 10. Several structures along the highway south of US-90 begin to flood.
- 17 Water reaches CR-179 in Holmes County near the intersection with Boat Ramp Road.
- 16 Highway 279 south of Interstate 10 begins to flood in Washington County. Several rural roads in the area will also 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.





Holmes/ Washington County

Mapped areas of concern based on NWS Impact Statements related to flood category





- 27 Nearly all structures between Black Creek Road and the west bank of the Choctawhatchee River are flooded. Flooding begins to affect more areas south of Shell Landing Road in 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.
- 21 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.
- 20 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. 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.
- 18 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 begins just north of SR-20 off Howell Bluff Road affecting a few residences.
- 17 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 Big Cedar Road begin to flood.
- 16 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 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.



Walton/ Washington County

Mapped areas of concern based on NWS Impact Statements related to flood category







Jackson County

- MALF1(plotting HGIRG) "Gage 0" Datum: 56'
- 30 Water reaches the base of the Caverns Road bridge and the bridge is subject to closure.
- Major flooding begins along the Chipola River in Marianna affecting numerous homes on the west bank of the river. Caverns Road begins to flood on the south side of the bridge near Yancey Boat Ramp. Water reaches 26 the base of the Magnolia Road Bridge and the road is subject to closure.
- 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.
- 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. 23
- The Citizens Lodge north of town is surrounded by flood waters. Homes in Turtle Bend become inaccessible. 22
- Extensive flooding occurs in the Citizens Lodge Park. Water begins to approach the lodge. 21
- 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. 20.5
- 20 Water spreads out across the flood plain north of Marianna near Caverns Road inundating much of the Citizens Lodge Park.
- 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. 19
- Water begins to overtop the bank at Turtle Bend Lane. 18.5
- 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. 18
- 16 The Yancey Boat Ramp off Caverns Road floods.

CHIPOLA RIVER NEAR ALTHA (CR 274)

Universal Time (UTC) 11Z Sep 12 Sep 13 Sep 14 Sep 15 Sep 16 Sep 17 Sep 18 Sep 19 Sep 20 Sep 21 Sep 22 39 Latest observed value: 25.38 ft at 5:00 AM CDT 17-Sep-2020. Flood Stage is 22 ft 36 34 Record: 33.5' 31.3 ft 32 19.2 a-8-8-8-a Major: 30.0' 30 14.0 28 10.6 Flow Stage (ft) 26 8.3 24 6.9 22 /inor: 6.0 Ś 20 5.1 Action: 18.0' 4.3 18 - 3.5 16 - 2.8 14 12 - 2.0 10 Low Stage: 8.9' -1.2 8 0.2 6am 6am 6am 6am 6a'm 6am 6am 6am 6am 6am 6am Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Sep 12 Sep 13 Sep 14 Sep 15 Sep 16 Sep 17 Sep 18 Sep 19 Sep 20 Sep 21 Sep 22 Site Time (CDT) Graph Created (6:07AM Sep 17, 2020) - Observed -- Forecast (issued 1:58AM Sep 17) ALTF1(plotting HGIRG) "Gage 0" Datum: 19.95 Observations courtesy of US Geological Survey

- 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.



Calhoun County



SCTF1(plotting HGIRG) "Gage 0" Datum: 0'



Jack son Jack son Jack son Galhoun Ma City

Calhoun/ Liberty County

Major flooding in Blountstown. Numerous homes flooded along SE River Street south of SE Ray Avenue. North of Downtown Blountstown, NE Pear Street floods and water approaches two homes on the west side of NE Pear Street.

- The road to the Bristol Boat Ramp at NW River Park Road is closed in Liberty County. Homes west of the boat ramp begin to flood. In Blountstown, flooding expands around homes near SE River Street.
- Water will reach the foundations of two houses east on highway 20. Flooding will also occur in Blountstown on Mayhaw.
- 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. The 24.5 foot level at Blountstown may at times not be representative of river levels in these areas due to tidal effects, winds, or local rainfall and should be used with caution.
- 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.
- 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. The 24.0 ft level at Blountstown may at time not be representative of river levels in these areas due to tidal effects, winds or local rainfall and should be used with caution.
- 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. The 23.5 foot level at Blountstown may at times not be representative of river levels in these areas due to tidal effects, winds, or local rainfall and should be used with caution.
- 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. The 22.0 ft level at Blountstown may at times not be representative of river levels in the these areas due to tidal effects, winds, or local rainfall and should be used with caution. 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. The 19.0 ft level at Blountstown may at times not be representative of river levels in these areas due to tidal effects, winds, or local rainfall and should be used with caution.
- 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.





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.

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.





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.

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.





23 State Road 20 is subject to closure above this level.

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.

- 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.



County will be affected by high water.



Leon/ Gadsden County





Rain Chances Next 3 Days



rain chances this weekend.



High Temperatures Next 3 Days



temperatures this weekend.

PRICE OF THE GOVERNOR

Tropical Weather Outlook

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

Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



Thunderstorm activity has continued to increase and become better organized this morning in association with a low pressure system located over the southwestern Gulf of Mexico. Upper-level winds are gradually becoming more conducive for development and, if this recent development trend continues, a tropical depression or a tropical could form later today. The low is expected to meander over the southwestern Gulf of Mexico for the next day or so before moving slowly northward to northeastward on Friday and Saturday. An Air Force Reserve reconnaissance aircraft is scheduled to investigate the disturbance this afternoon.

*Formation chance through 48 hours...high...90%



Invest 90L Model Guidance

Invest 90L Model Track Guidance



Computer models are in general agreement on a slow northeast track through the next 3 days as a tropical storm before being turned westward by high pressure building over the Eastern U.S. in the wake of Sally. Nonetheless, this system should be monitored in the event the system is pulled closer to the central Gulf Coast.





Florida Outlook

Florida Outlook:

- Sally was downgraded to a tropical depression overnight in Southeastern Alabama and is now moving into western Georgia with winds near 30 mph.
- Lingering rainbands extending southeast of the depression will continue to bring brief heavy rain and gusty winds through this evening.
- Onshore winds will continue to produce elevated water levels along the Panhandle and Big Bend Coast, with **Coastal Flood Advisories and Warnings** in effect through this evening.
- High surf, dangerous rip currents, and beach erosion are expected at Panhandle beaches for the next couple of days.
- **River Flood Warnings** continue for several rivers in the Panhandle. Many are expected to crest today or tonight. The Chipola and Apalachicola Rivers may crest this weekend and remain well above flood stage for several days to possibly several weeks.
- Direct impacts from any other systems in the tropics are currently not expected for the next few days, but the Gulf Low should be monitored.

The next briefing packet will be issued this afternoon. 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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