



National Weather Service Southeast River Forecast Center



Daily Operational Support Message

issued

Thursday, October 13th, 2016

for

North Carolina and Virginia



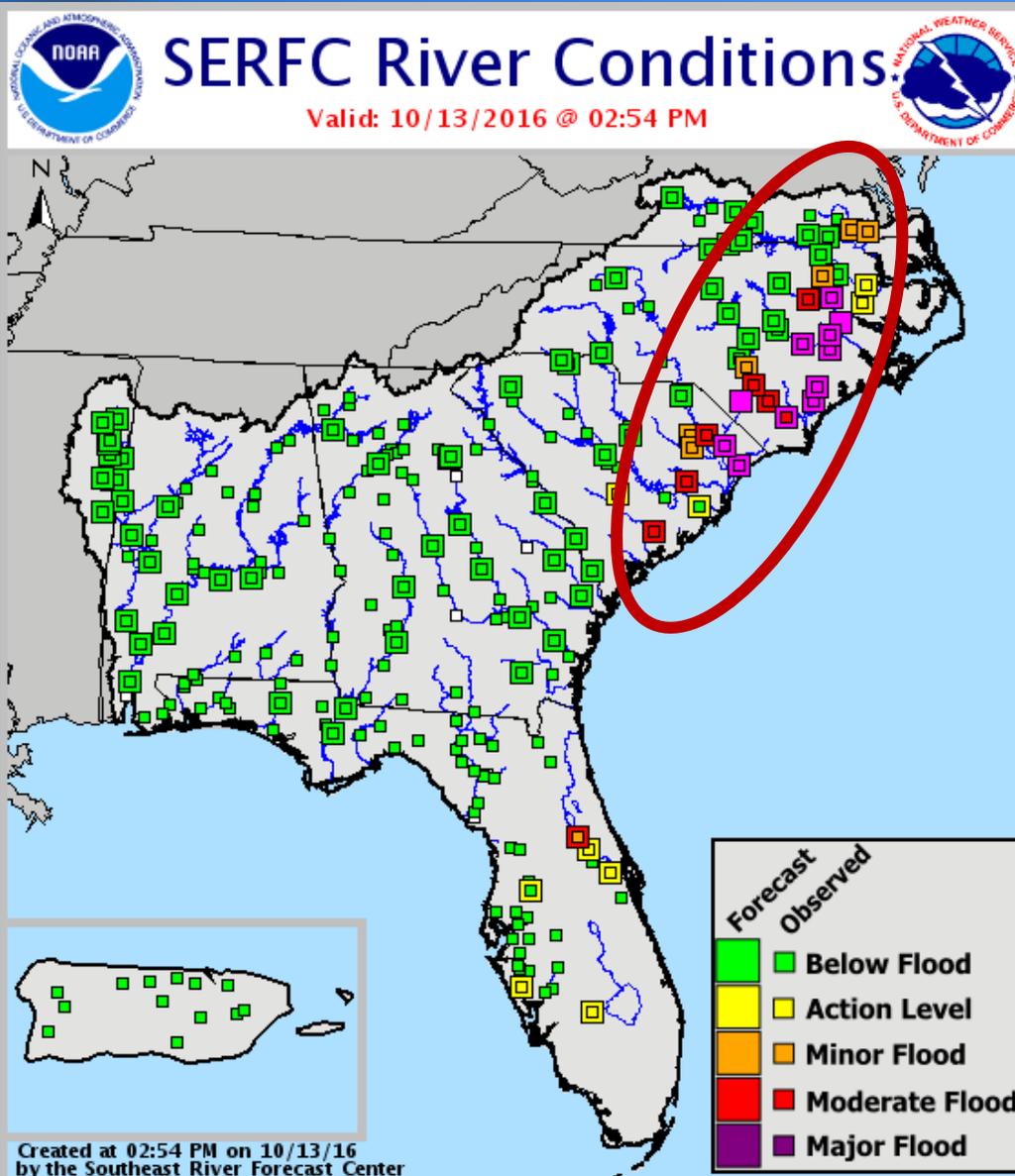
Key Points



- Flooding throughout the eastern halves of North Carolina, South Carolina, and Virginia. Record flooding in some areas with flooding disrupting the roads and inundating communities. Stay safe and don't drive into flooded areas.
- No rain expected in most impacted area through the next seven days. Continue to monitor forecasts through this week.



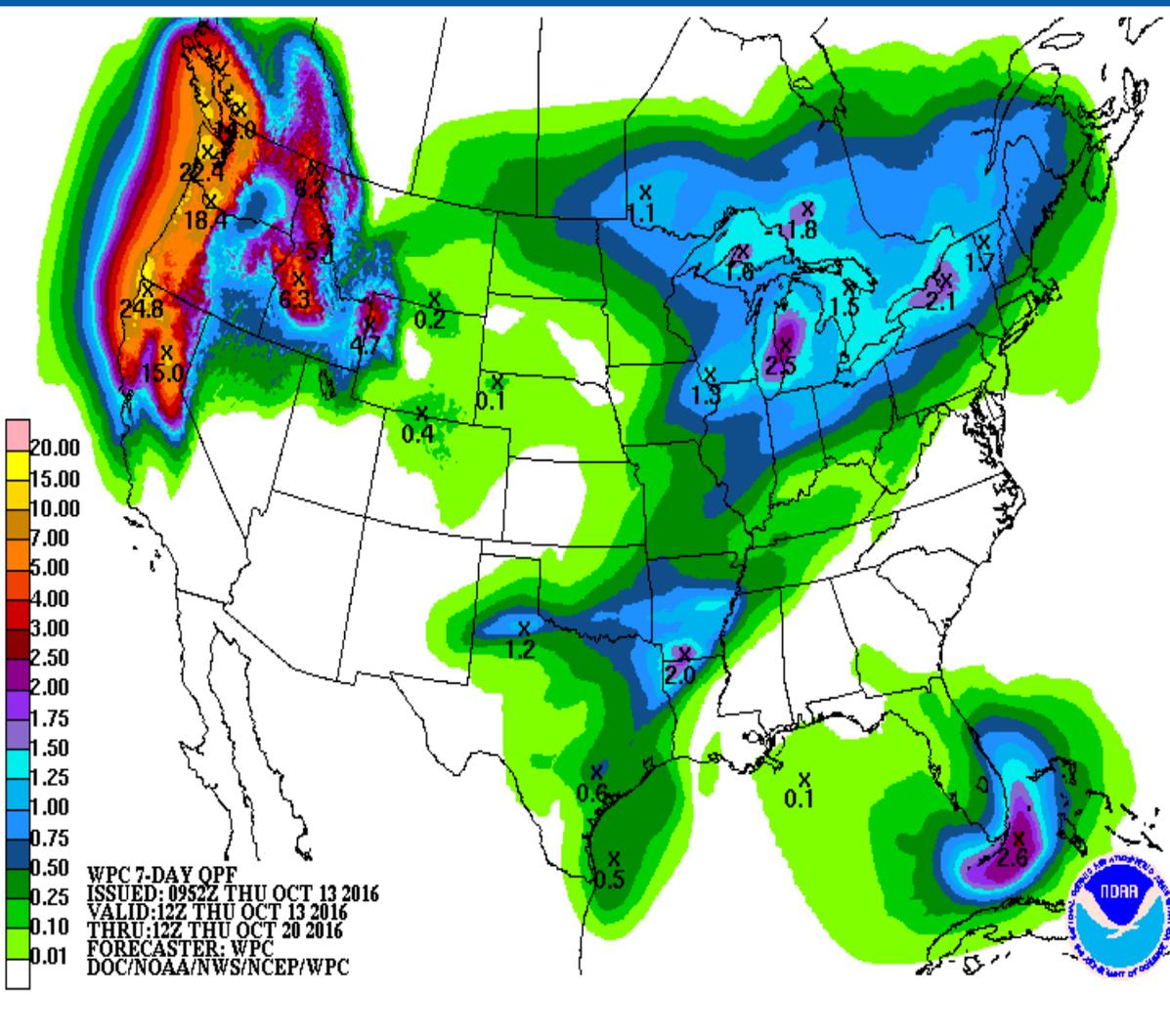
Current River Status



- The red oval shows most impacted areas due to heavy rain in the area.
- We have not adjusted the oval and you can see how the areas is slowly shrinking each day. It may take a few weeks for these areas to come out of flood.
- We still have a few crests left at our forecast points in the coming days.



7-day rainfall forecast

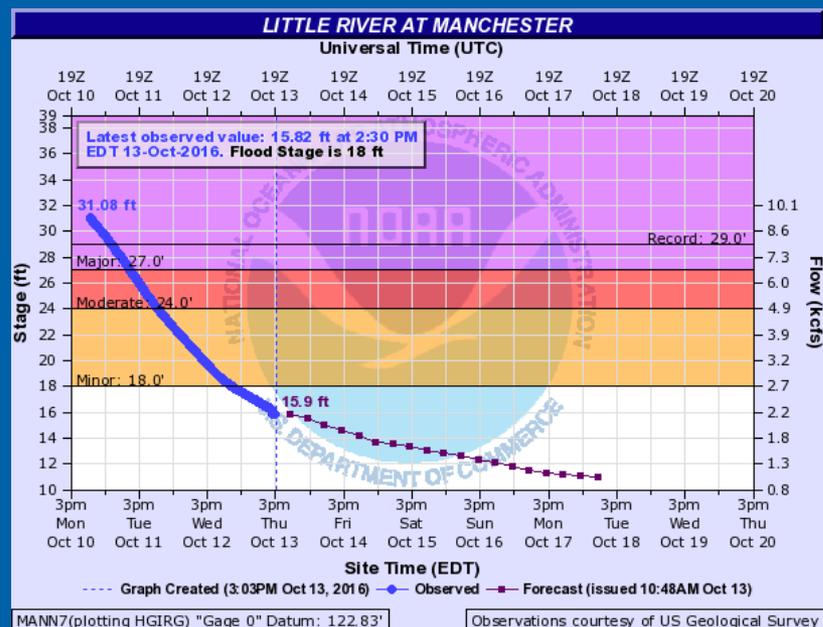
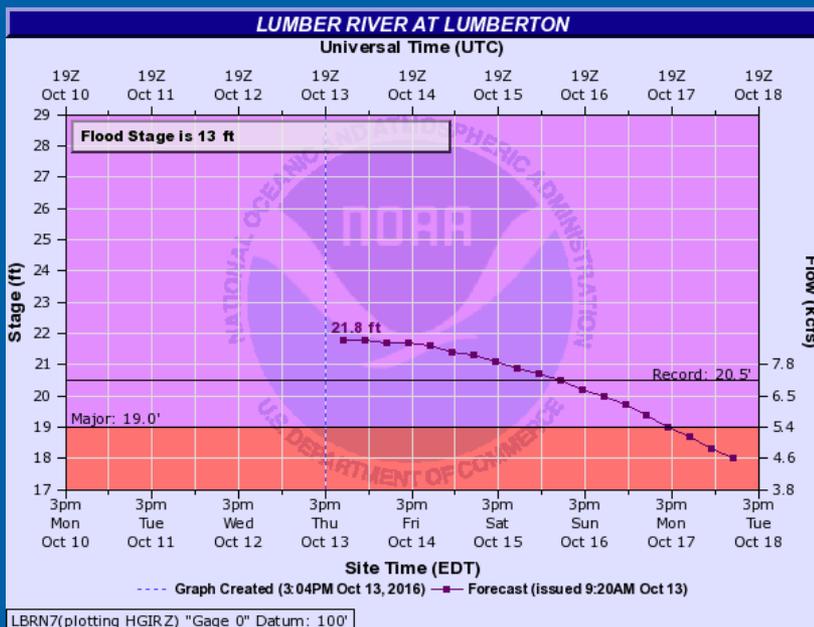


- Here is the forecast from the NWS Weather Prediction Center.
- We still don't expect any rainfall in the coming 7 days in the eastern Carolinas and eastern Virginia.
- This is good news for the hardest hit areas of the southeast.



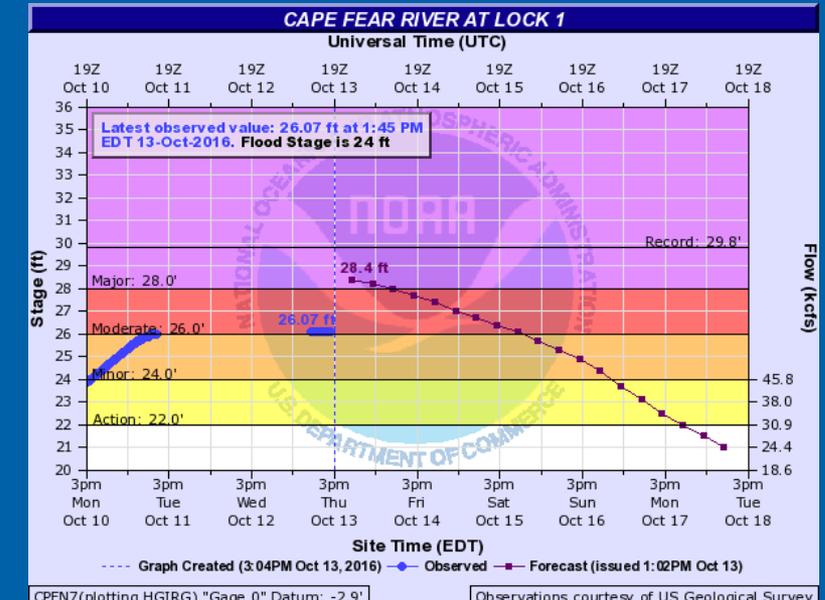
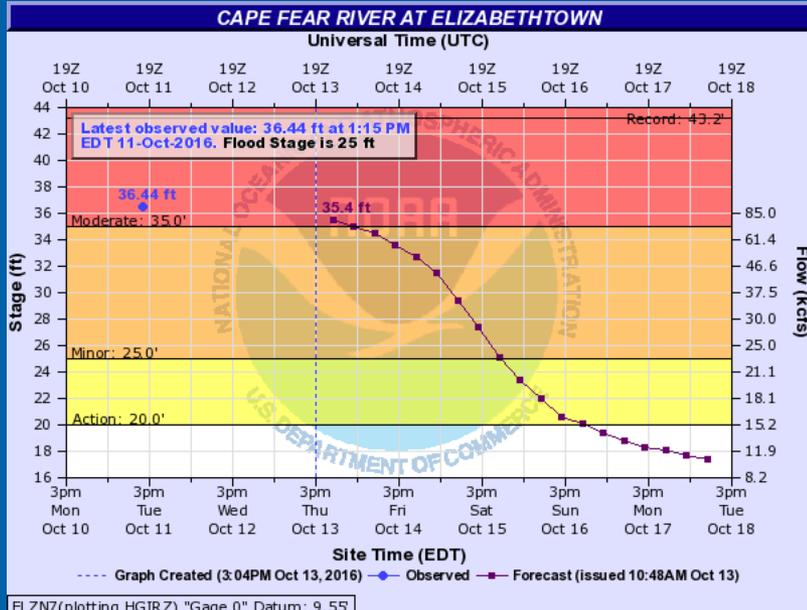
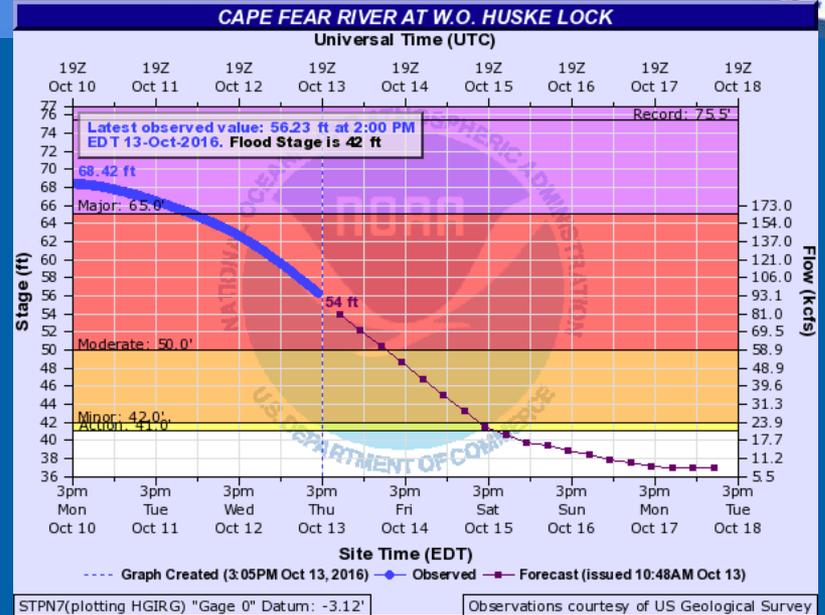
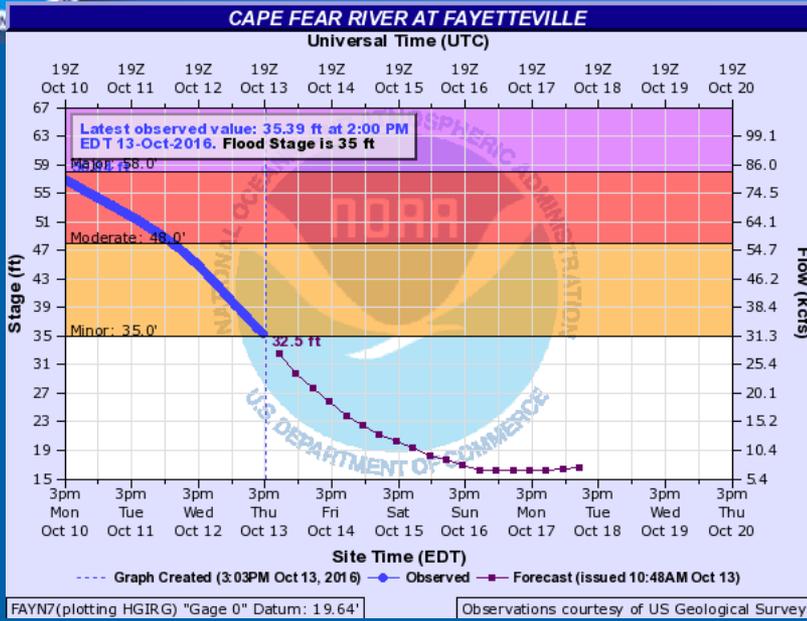
River Forecasts

- We will continued showing the hydrographs where there is flooding.
- In addition, we will show river systems as they are going through the flood, even if they have come out of flood.



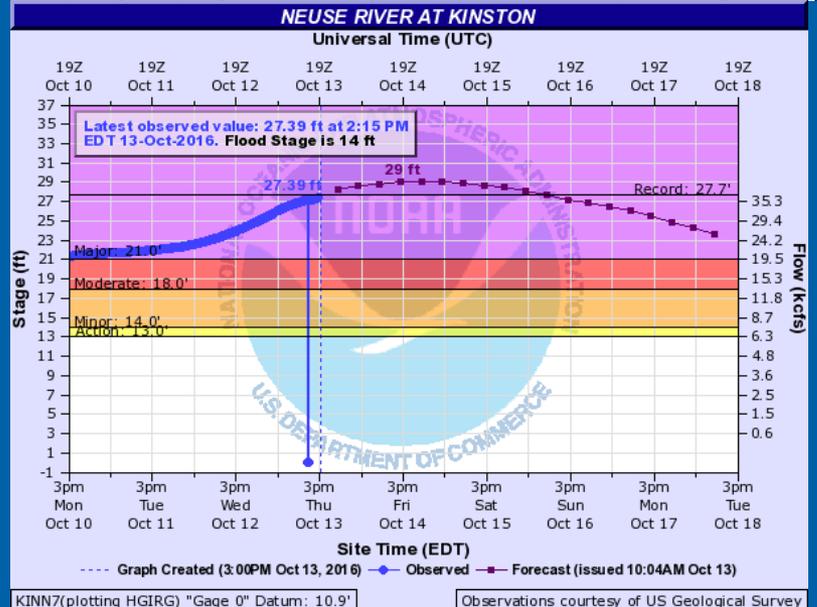
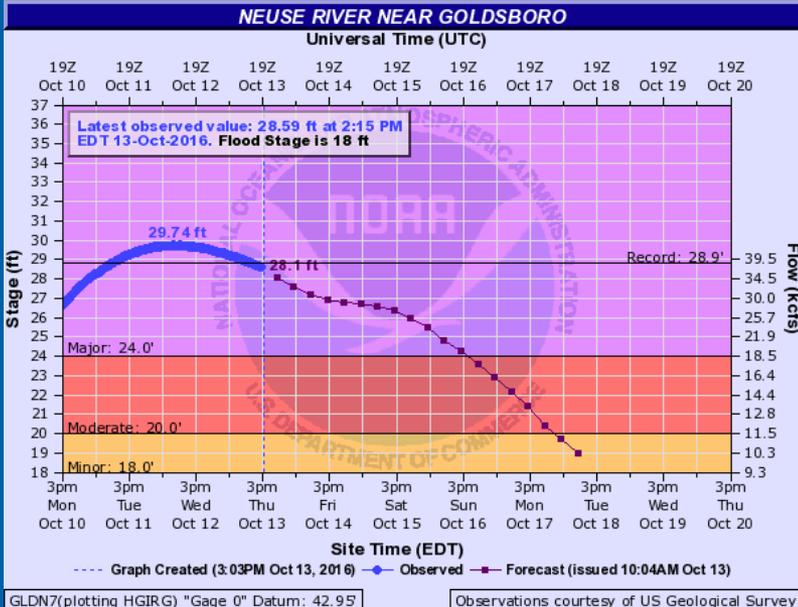
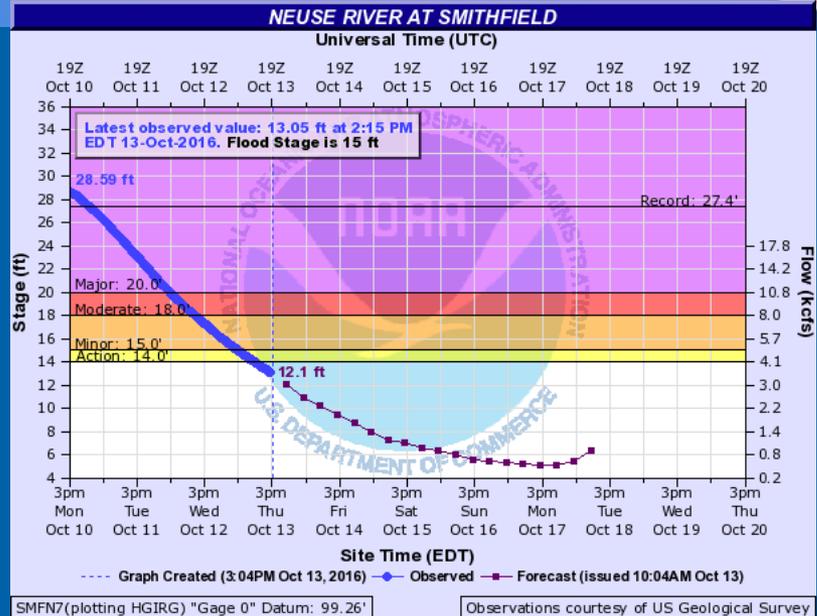
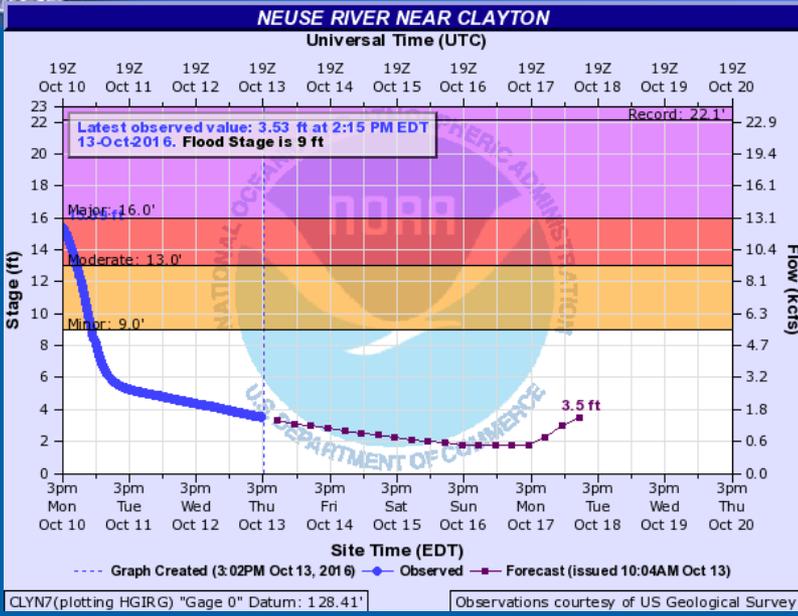


Cape Fear River Forecasts



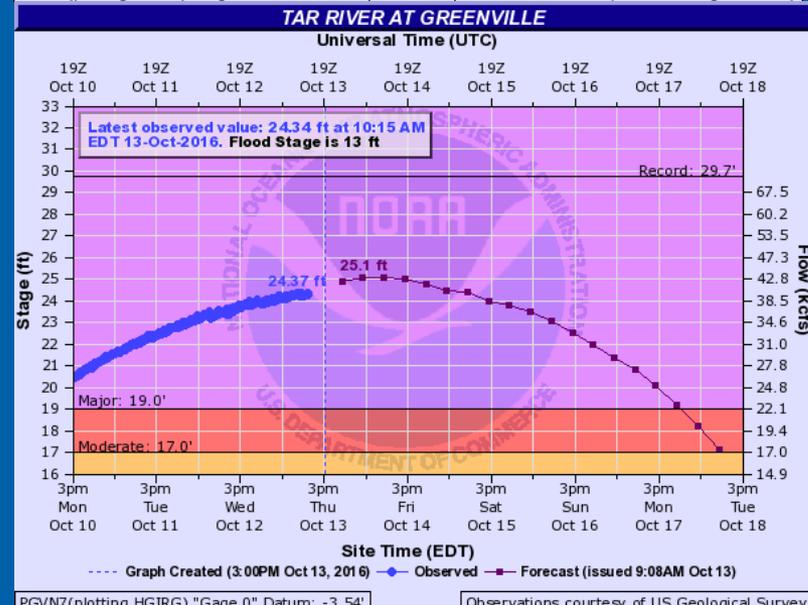
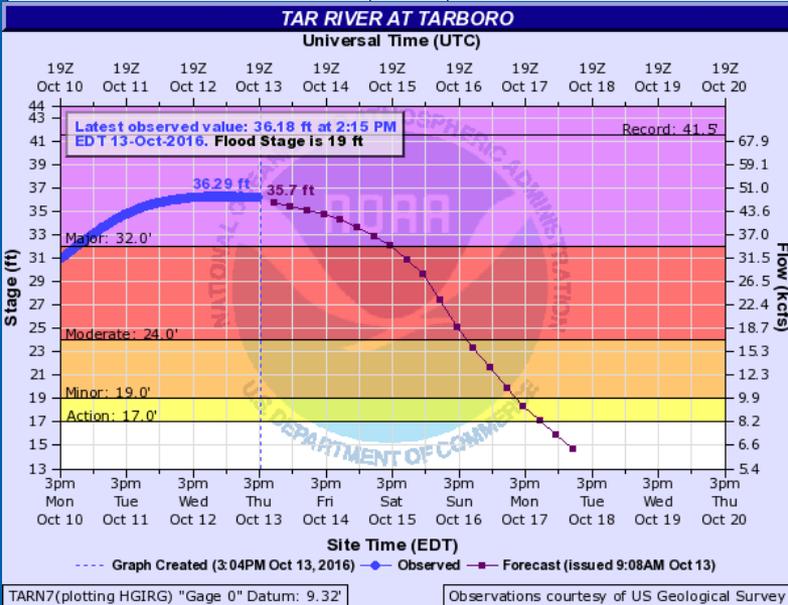
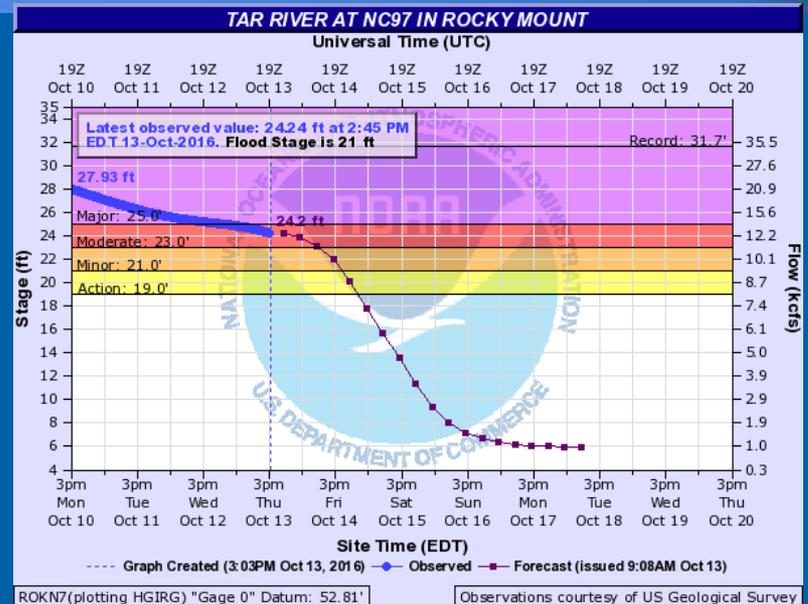
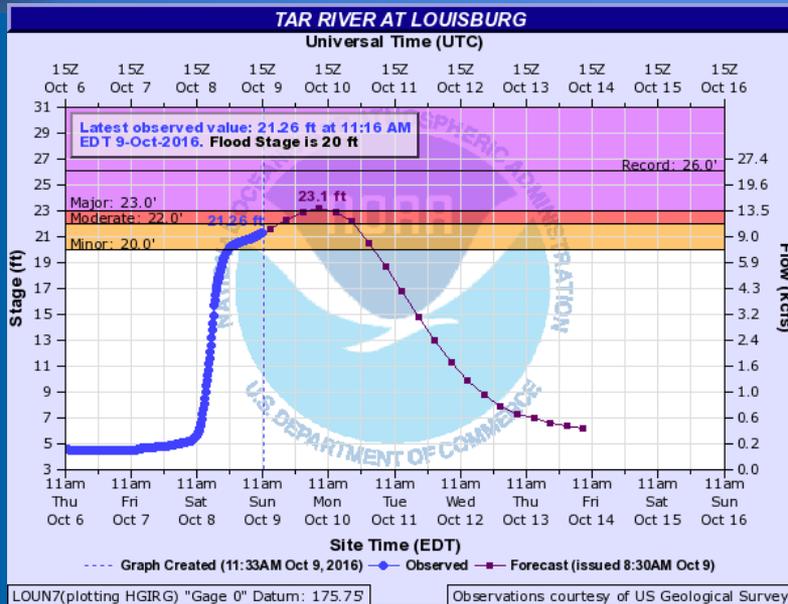


Neuse River Forecasts



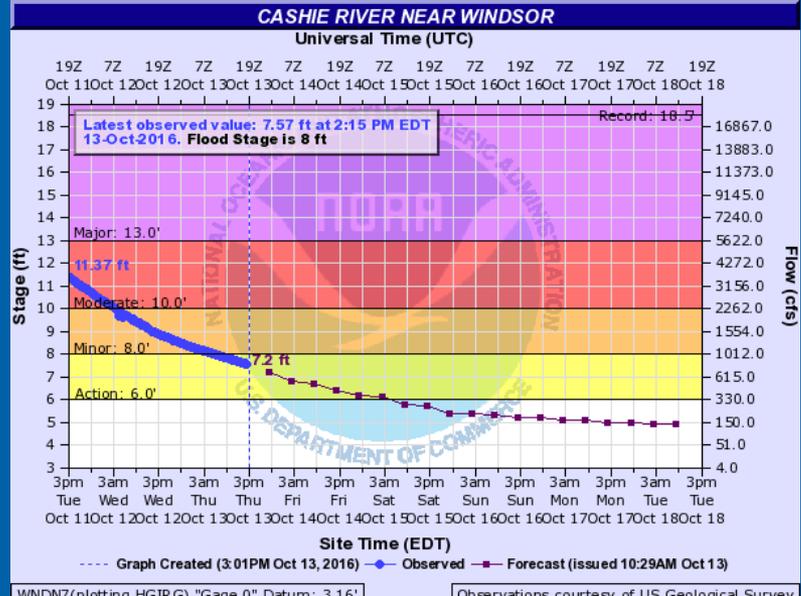
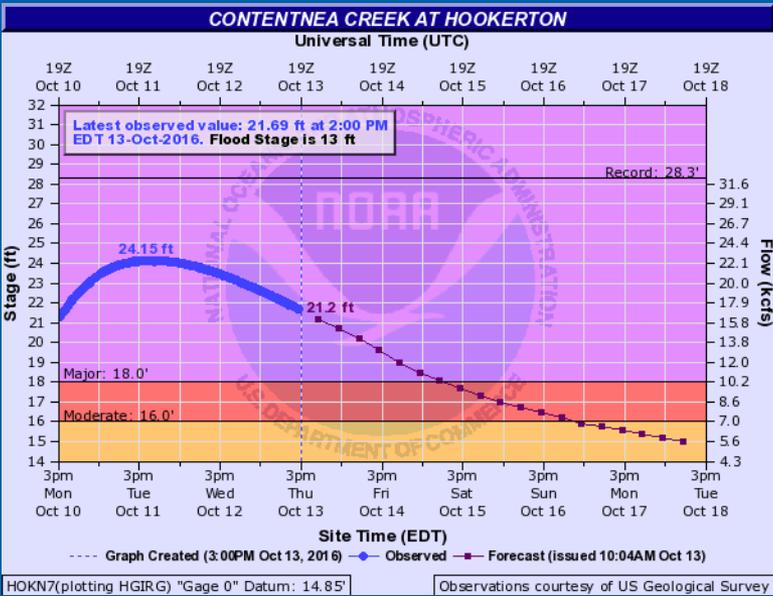
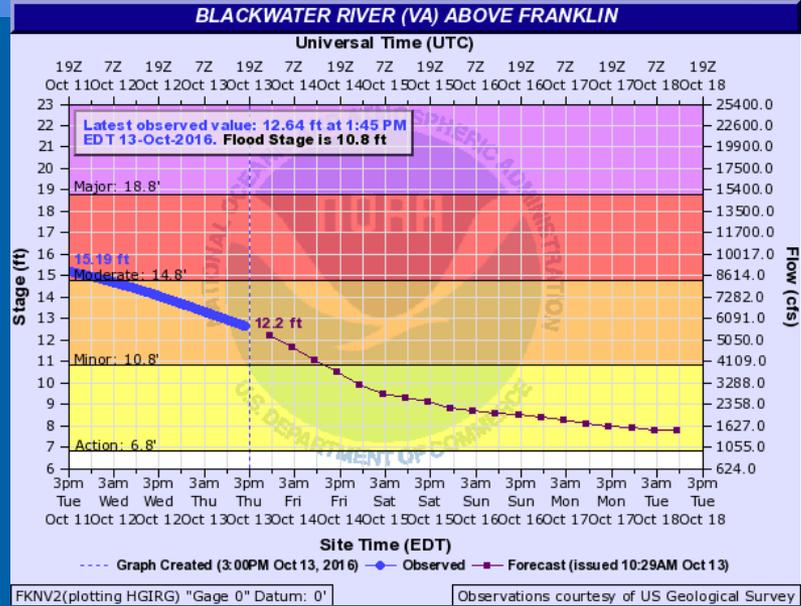
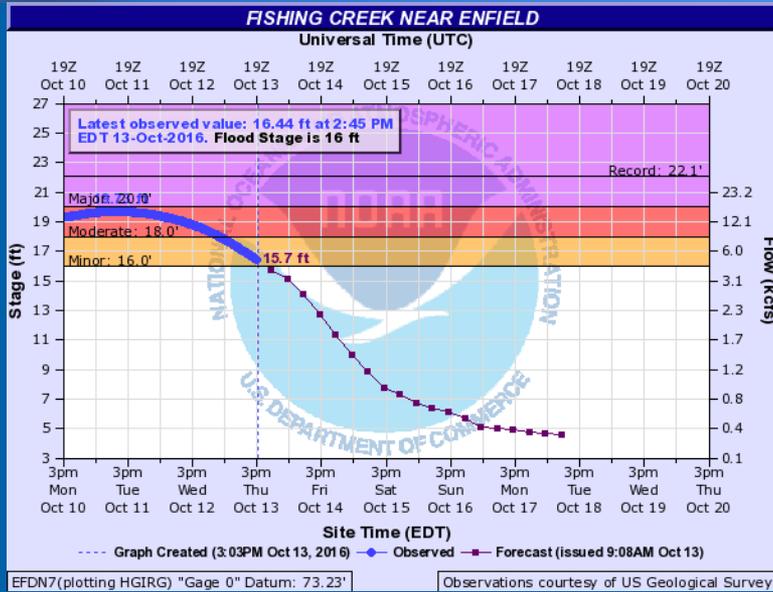


Tar River Forecasts



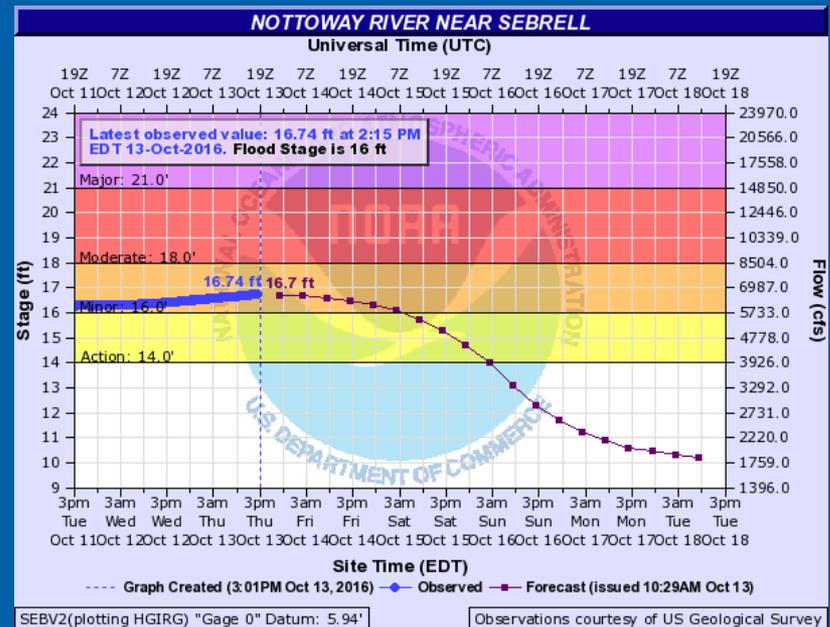
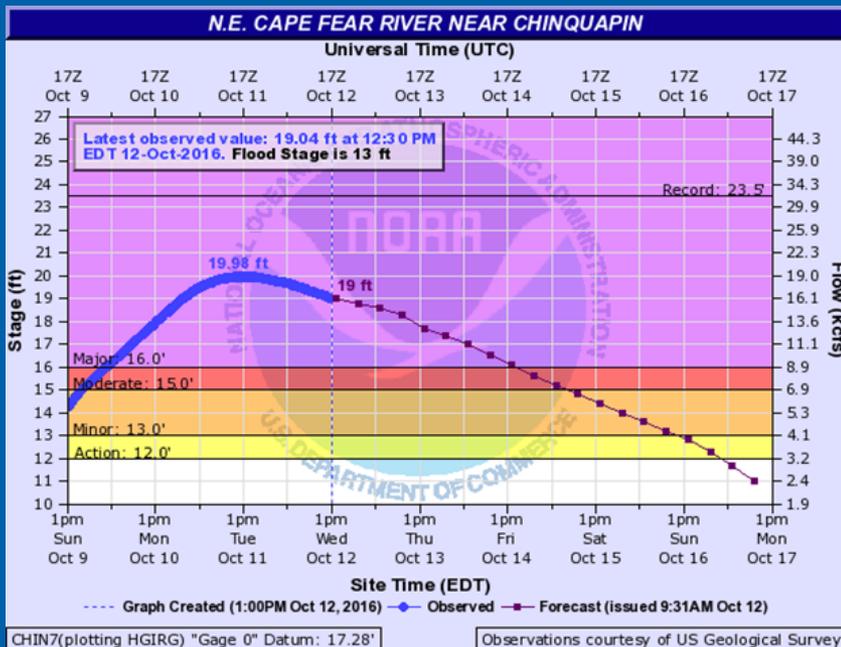


River Forecasts





River Forecasts





SERFC Operational Status



- SERFC will remain on 24-hour operations. Please contact us if you have any questions or concerns.
- The Daily Operational Support message will be issued again tomorrow. We may plan on ending this support Message on Friday if there is a consistency to the forecast.
- Today's morning forecasts are available at:
<http://weather.gov/serfc>
- Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



Helpful Bookmarks



- Monitor the NWS weather radar:
<http://radar.weather.gov/Conus/southeast.php>
- SERFC Quick Briefing Page:
<http://www.weather.gov/serfc/?n=quickbrief>
- NWS National 5-day rainfall forecasts
<http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml>
- NWS Meteorological Model Ensemble 7-day probabilistic river forecasts
<http://www.weather.gov/erh/MMEFS>



About this Briefing



- *The Daily Operational Support Message will continue tomorrow to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-olr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*