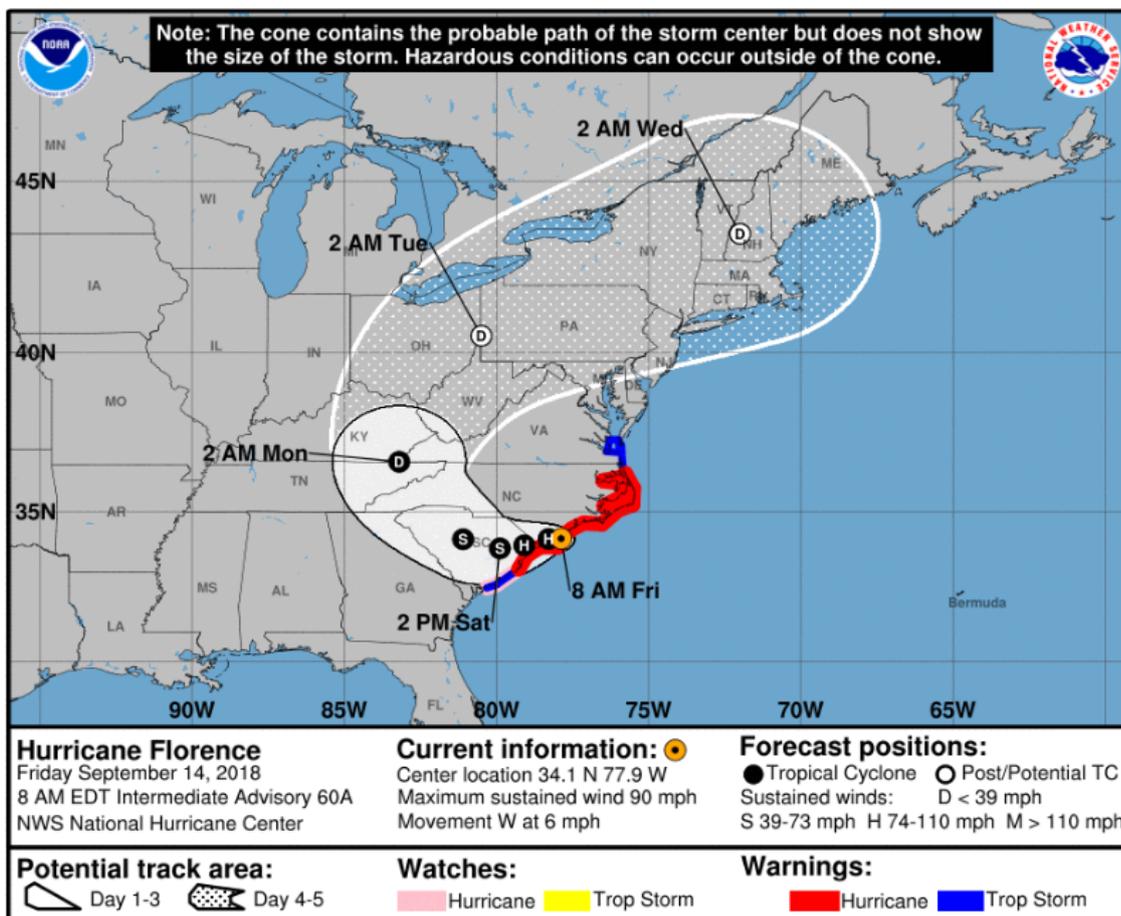


USA (Southeastern states) Hurricane FLORENCE

Most Affected Areas	USA North Carolina: New Hanover, Cumberland and Harnett Counties South Carolina: Horry, Marion, Dillon and Chesterfield Counties Virginia: Chesterfield, Hanover and Mecklenberg Counties Florida: New Smyrna Beach	Death toll	55 NC 40 SC 9 VA 4 FL 2
Date of Landfall	September 14, 2018 (Landed near Wrightsville Beach in North Carolina)	Missing	no data
Outline	Florence landed in North Carolina with Category 1 strength and brought historic flooding, damaging winds and storm surge to the Southeastern states.		

Florence's tracking of 8:00am, September 14 EDT (National Hurricane Center)



Source: https://www.nhc.noaa.gov/archive/2018/FLORENCE_graphics.php?product=5day_cone_no_line

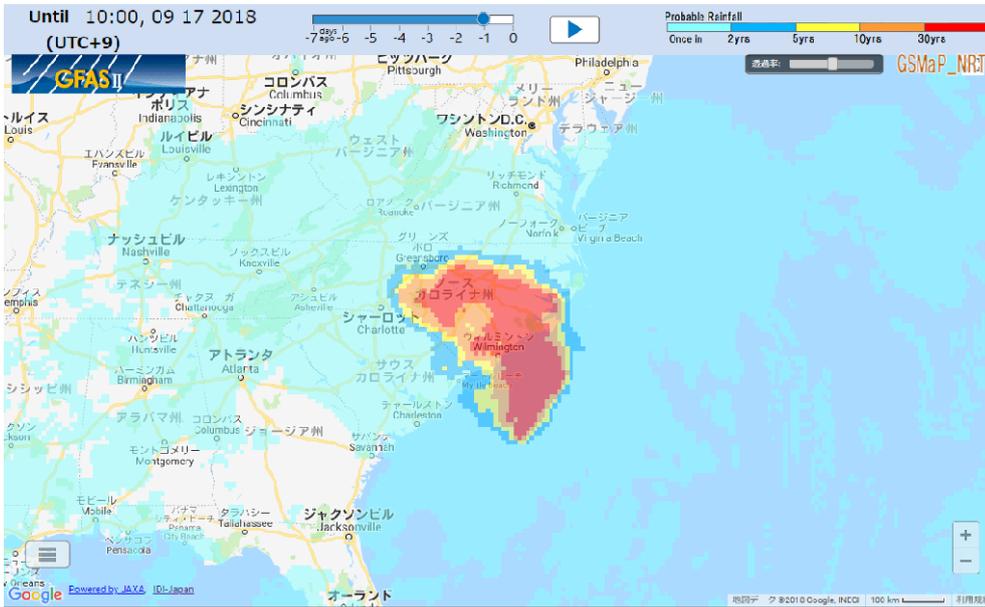


Precipitation Data from GFASII (Global Flood Alert System Ver.2)

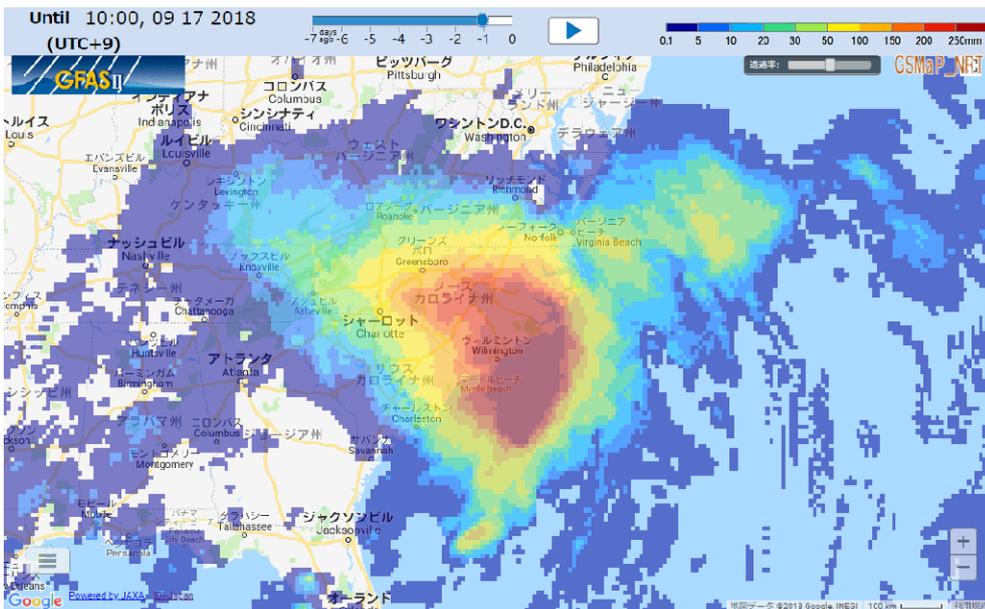
GFASII is operated by Infrastructure Development Institute-Japan (IDI-Japan)

<http://gfas.internationalfloodnetwork.org/n-gfas-web/PC/frmMain.aspx>

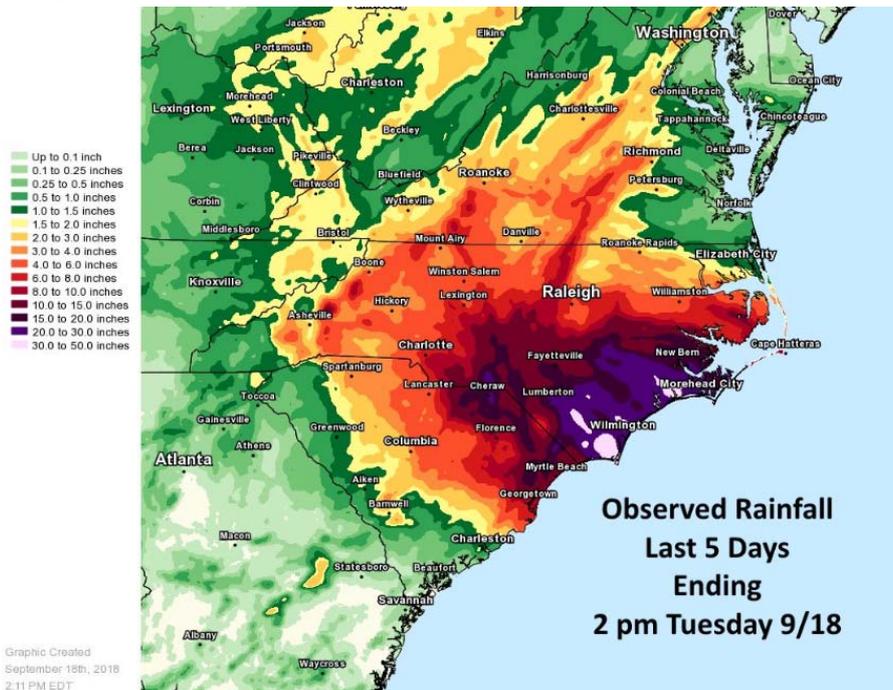
72 Hours Probable Rainfall (10:00am, September 14 to 10:00am, September 17 JST)



72 Hours Accumulated Rainfall (10:00am, September 14 to 10:00am, September 17 JST)



5-Day Total Rainfall ending 2:00pm, September 18 (National Weather Service)

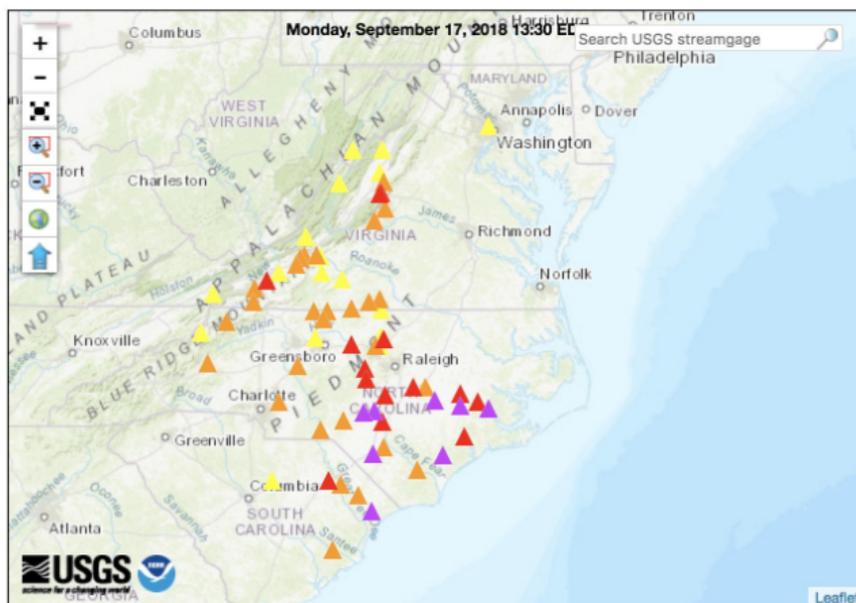


Source:

https://twitter.com/NWSEastern/status/1042116250611138562/photo/1?ref_src=twsrc%5Etfw%7Ctwcamp%5Etweetembed%7Cwterm%5E1042116250611138562&ref_url=http%3A%2F%2Fwww.wbtv.com%2F2018%2F09%2F18%2Funofficial-rain-totals-how-florence-dropped-trillion-gallons-across-nc%2F

River Condition as of September 17 (United States Geological Survey: USGS)

Map of flood and high flow conditions

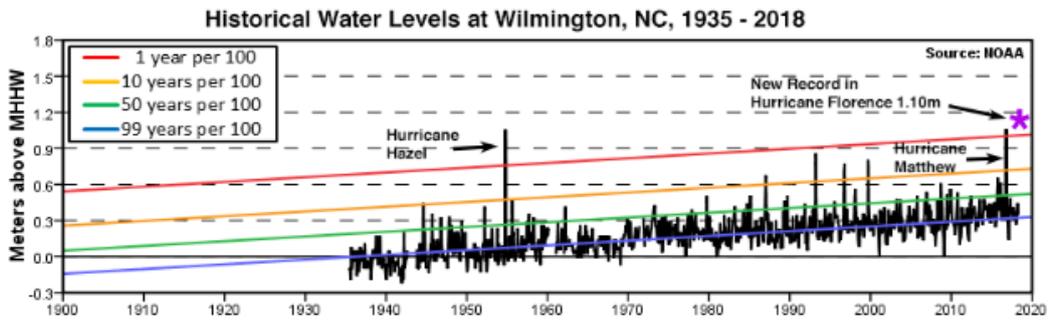


Explanation - Percentile classes						
<95	95-98	>= 99	Above action stage	Above flood stage	Above moderate flood stage	Above major flood stage
			△ Streamgage with flood stage	○ Streamgage without flood stage		

Source: <https://twitter.com/usgs>



Storm Surge in Wilmington, NC marked a 1-in-100-year High Water Level



Source: <https://www.wunderground.com/cat6/Florences-1-100-Year-Storm-Surge-Breaks-All-Time-Records>



Sections of I-95 at Lumber River was under water in Robeson County, North Carolina (North Carolina Department of Transportation)

Source: <https://blog.ucsusa.org/rachel-cleetus/hurricane-florence-one-week-later-heres-what-we-know-and-heres-whats-next>

