

Caribbean islands and Southeast USA

Hurricane IRMA

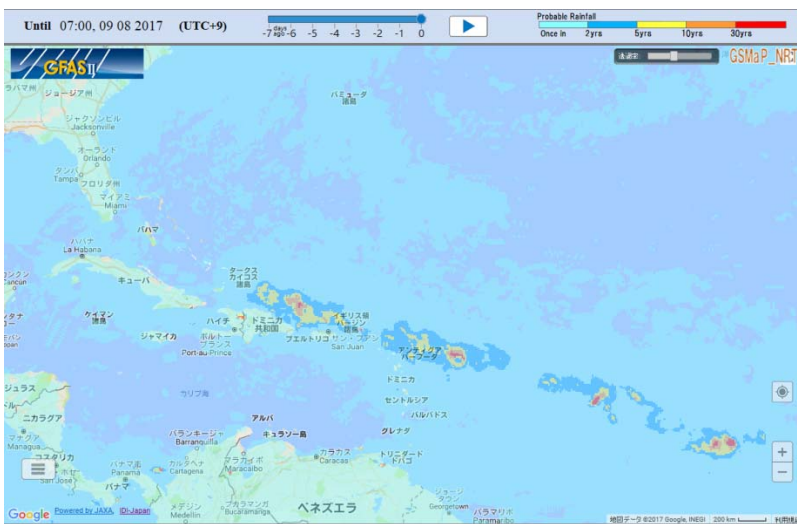
Country and Districts	Caribbean islands and mainland USA	Death	<p>at least 128</p> <p>Caribbean at least 40</p> <p>Florida 80</p> <p>Georgia 4</p> <p>South Carolina 4</p>
	<p>Caribbean islands: Barbuda, Anguilla, Puerto Rico, Saint Martin, Virgin Islands, Cuba, Haiti, etc.</p> <p>Mainland USA: Florida, Georgia, South Carolina, etc.</p>		
Date of Occurrence	September 6, 2017	Missing	no data
Outline	Hurricane Irma caused widespread destruction across the northeast Caribbean islands as the most powerful category 5 storm. Irma then reached South Florida as a category 3 hurricane enforcing massive evacuation of 6.3 million people.		

Precipitation Data from GFASII (Global Flood Alert System Ver.2.1)

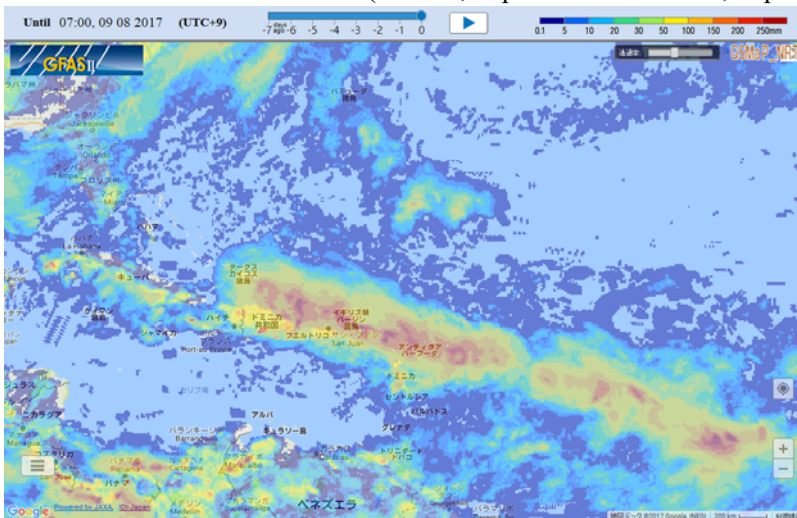
GRASII is operated by Infrastructure Development Insutitute-Japan.

Caribbean Sea

72 Hours Probable Rainfall (7:00am, September 5 - 7:00am, September 8 JST)

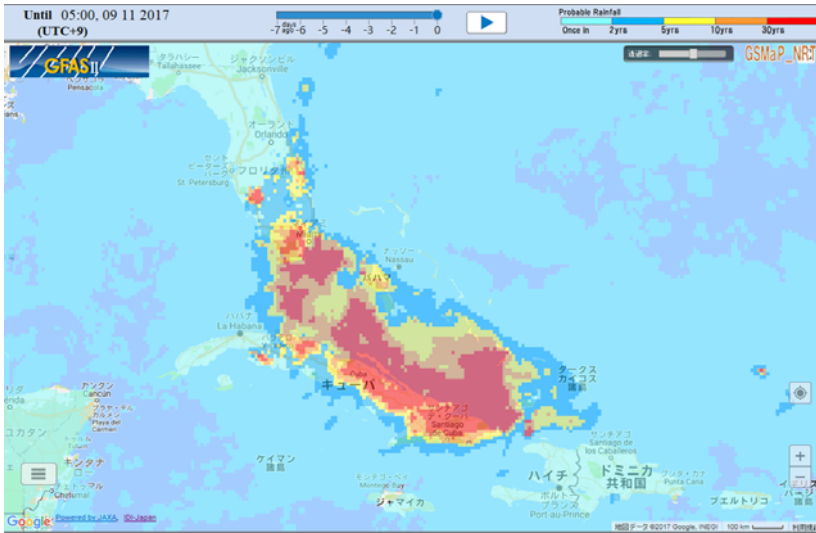


72 Hours Accumulated Rainfall (7:00am, September 5 - 7:00am, September 8 JST)

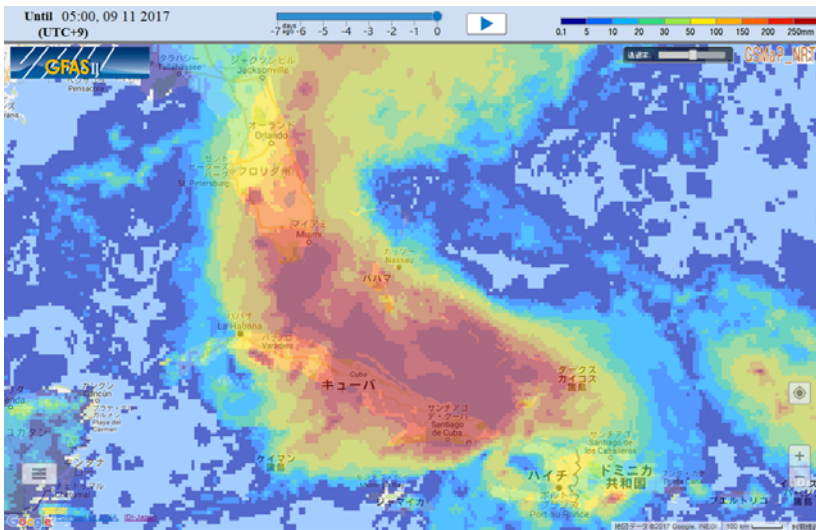


Florida

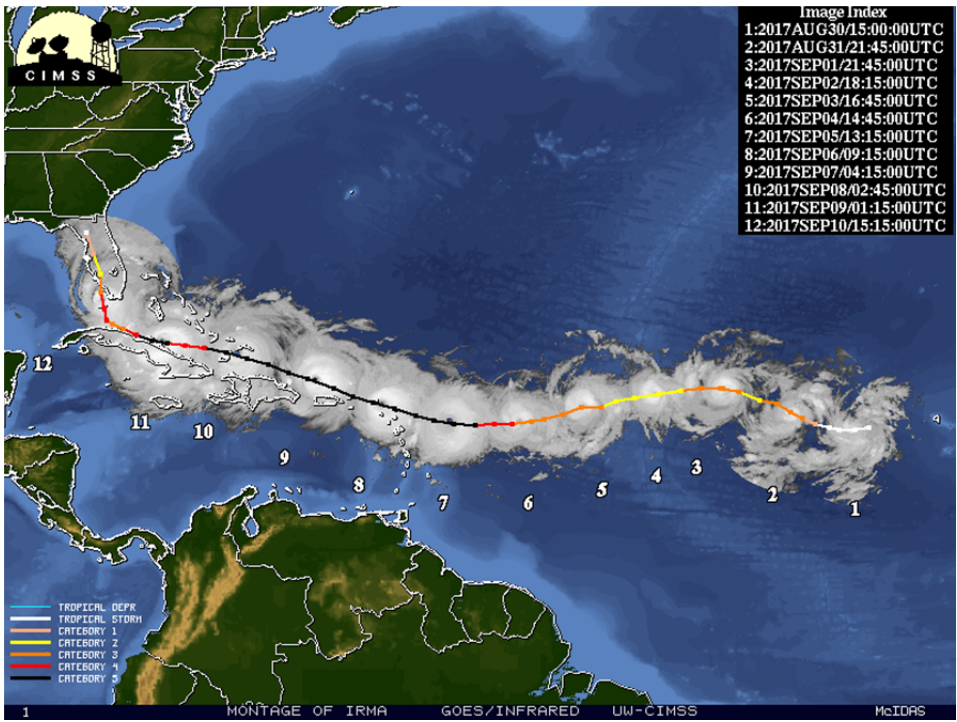
72 Hours Probable Rainfall (5:00am, September 8 - 5:00am, September 11 JST)



72 Hours Accumulated Rainfall (5:00am, September 8 - 5:00am, September 11 JST)



Irma's path (NWS)

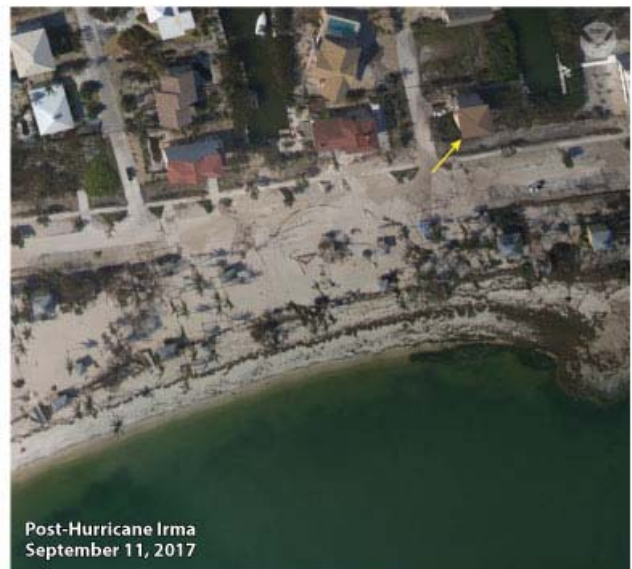


Source: https://www.weather.gov/tae/Irma_technical_summary

Before and After Image of Marathon, Florida (USGS)

BEFORE

AFTER

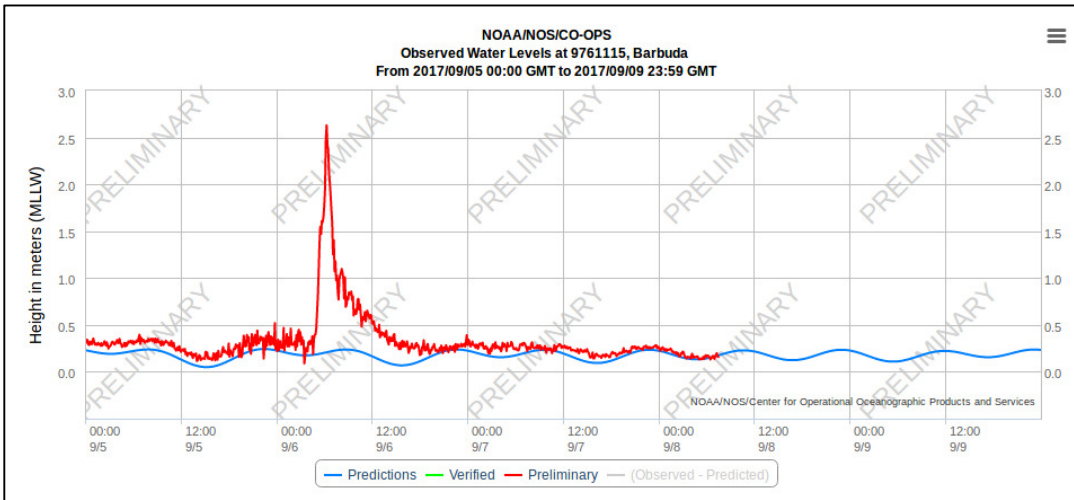


Source: <https://coastal.er.usgs.gov/hurricanes/irma/photo-comparisons/>



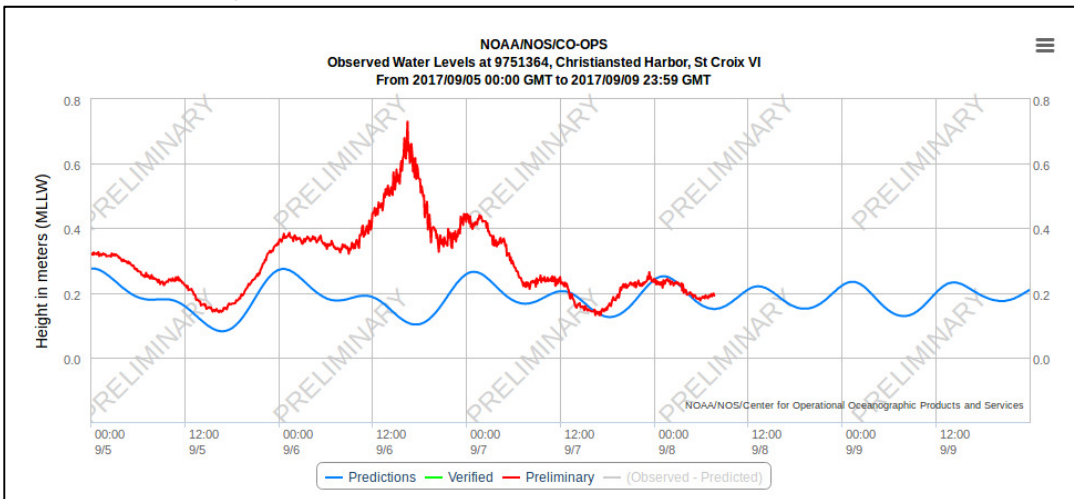
Storm Surge (NOAA)

Barbuda



Source: <http://floodlist.com/america/hurricane-irma-caribbean-florida-september-2017>

St. Croix in U.S. Virgin Island

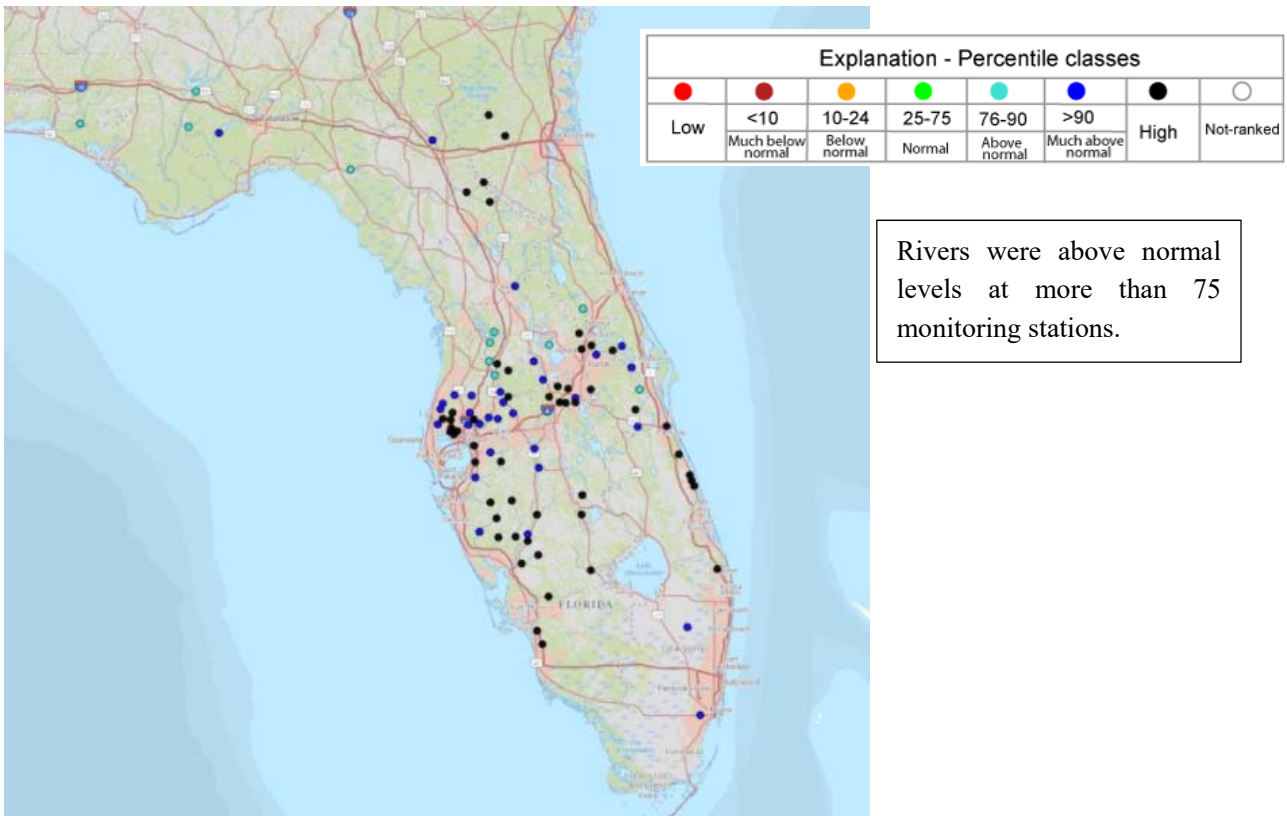


Source: <http://floodlist.com/america/hurricane-irma-caribbean-florida-september-2017>



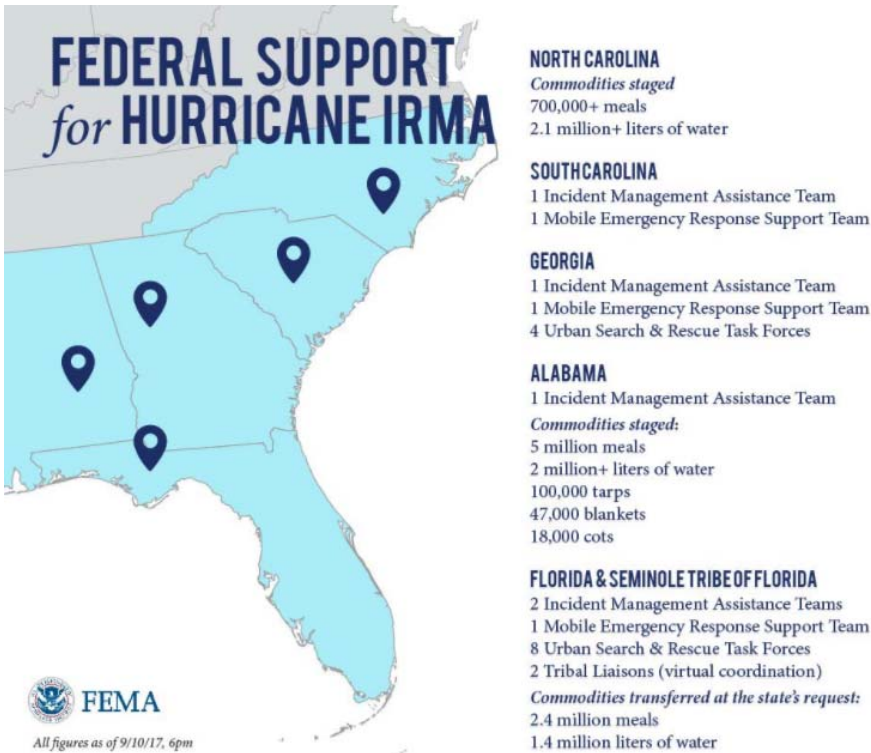
River Levels in Florida

River status on September 11 (USGS)



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

FEMA's Activity as of September 11 (FEMA)



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

