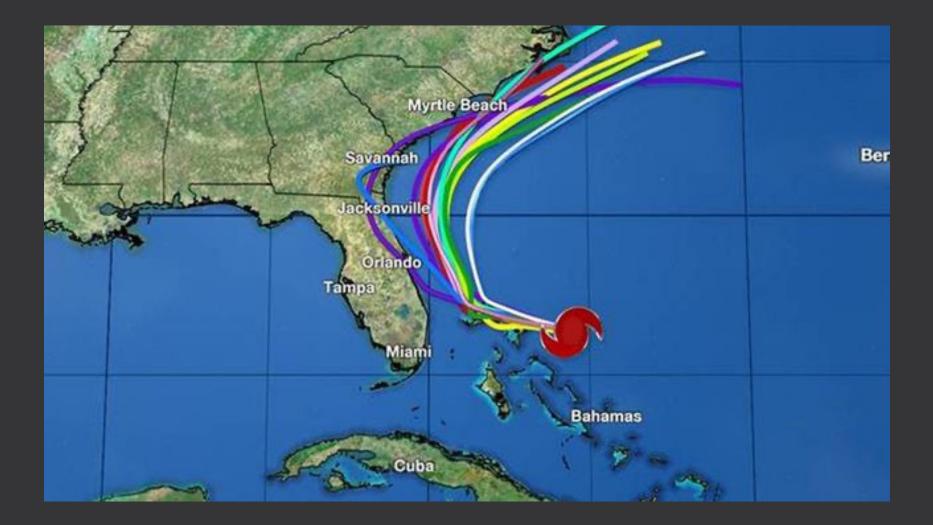
## Tracking Hurricanes: How Meteorologists Use Computers to Save Lives

Ethan Byerly



A commonly used "Spaghetti" model

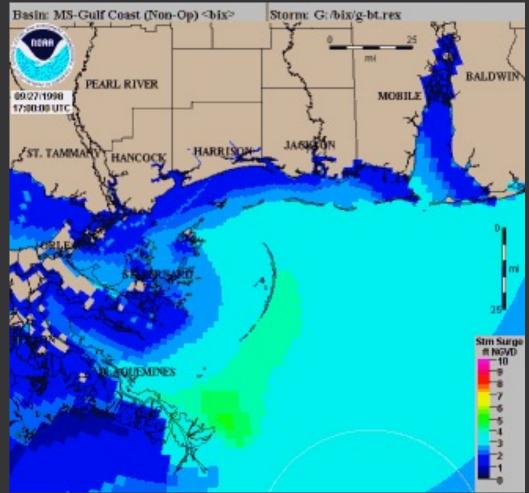


An aerial view of a hurricane

https://www.nhc.noaa.gov/pdf/model\_summary\_200907 24.pdf



## The plane used by the "Hurricane Hunters"



The output of a model for storm surge

https://dtcenter.org/sites/default/files/communitycode/hwrf/docs/scientific\_documents/HWRFv4.0a\_ScientificDoc.pdf

## **Citations:**

*Hurricane Weather Research and forecasting (HWRF) model* ... - *dtcenter.org.* (n.d.). Retrieved May 3, 2022, from <u>https://dtcenter.org/sites/default/files/community-</u>code/hwrf/docs/scientific\_documents/HWRFv4.0a\_ScientificDoc.pdf

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