



HURRICANE IRMA BRIEFING

10:00 AM CDT
Thursday, September 07, 2017

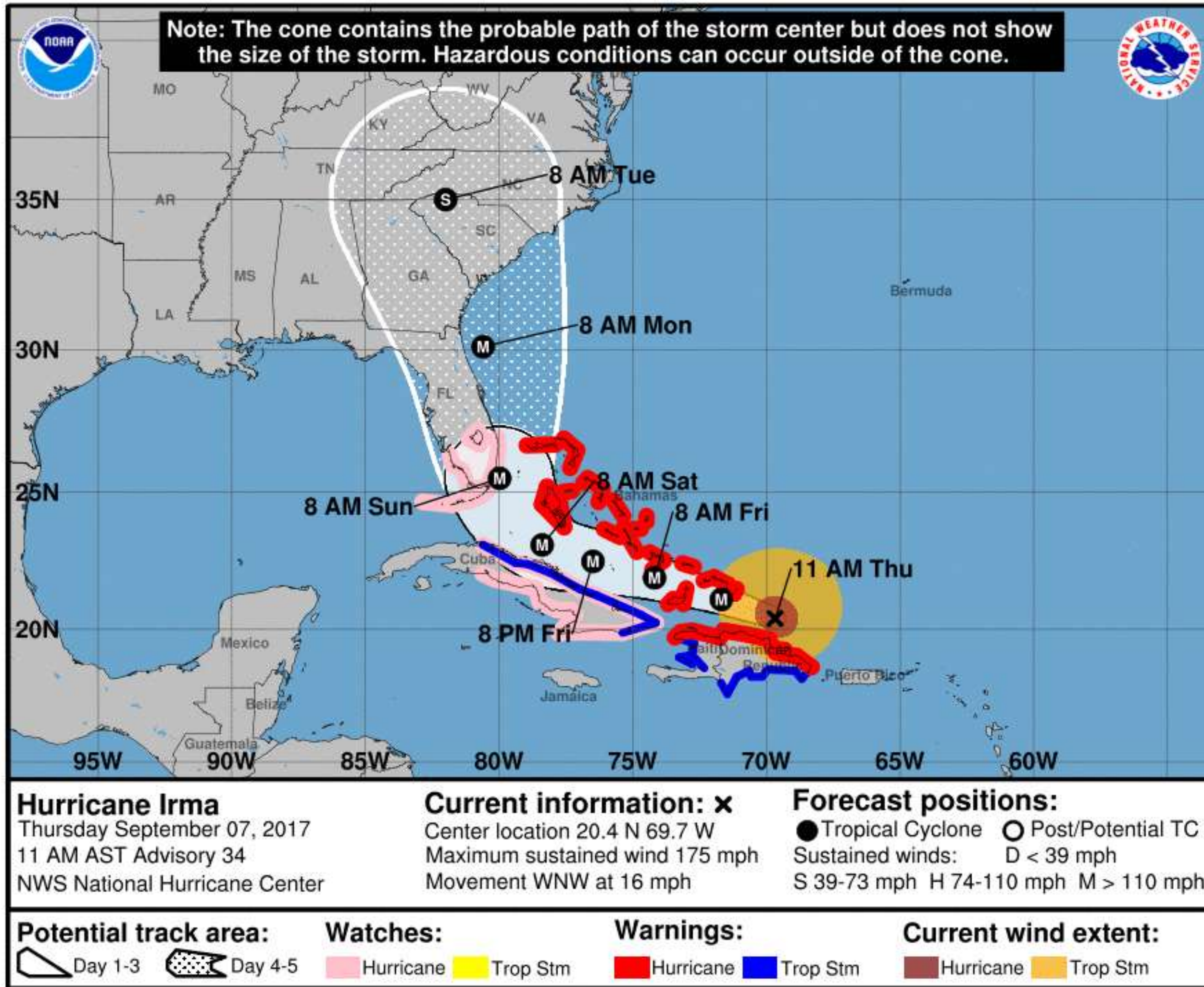
Prepared by:
NWS New Orleans/Baton Rouge



Hurricane Irma - Forecast Track



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WEATHER FORECAST OFFICE



Hurricane Irma is still a dangerous category 5 hurricane

Expected to move west-northwest for the next couple days

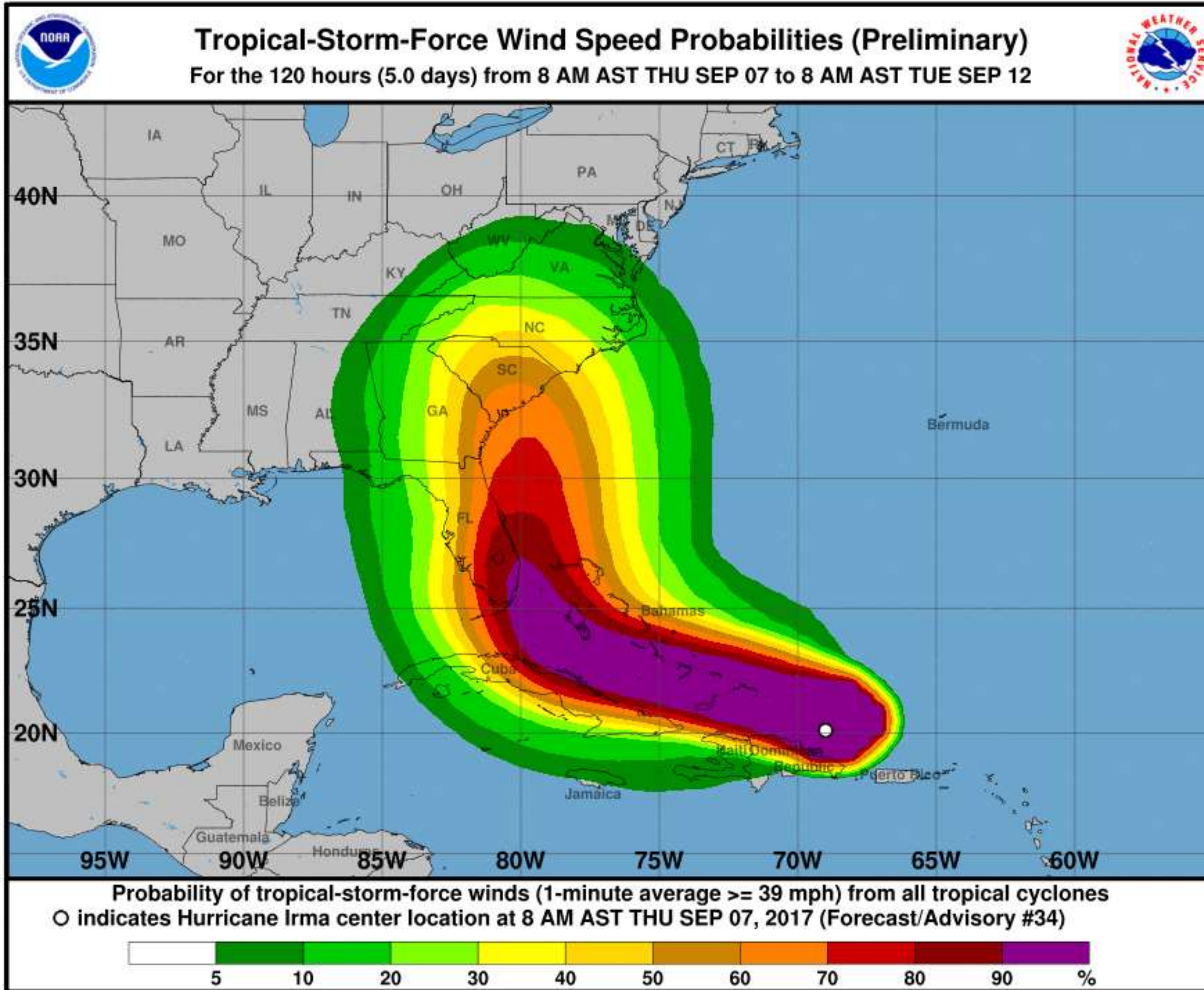
A turn to the northwest and then north-northwest is expected some time late Saturday into Sunday with the official forecast continuing to trend slightly farther eastward today

Small fluctuations in intensity possible

TS Wind Probabilities – 5 Days



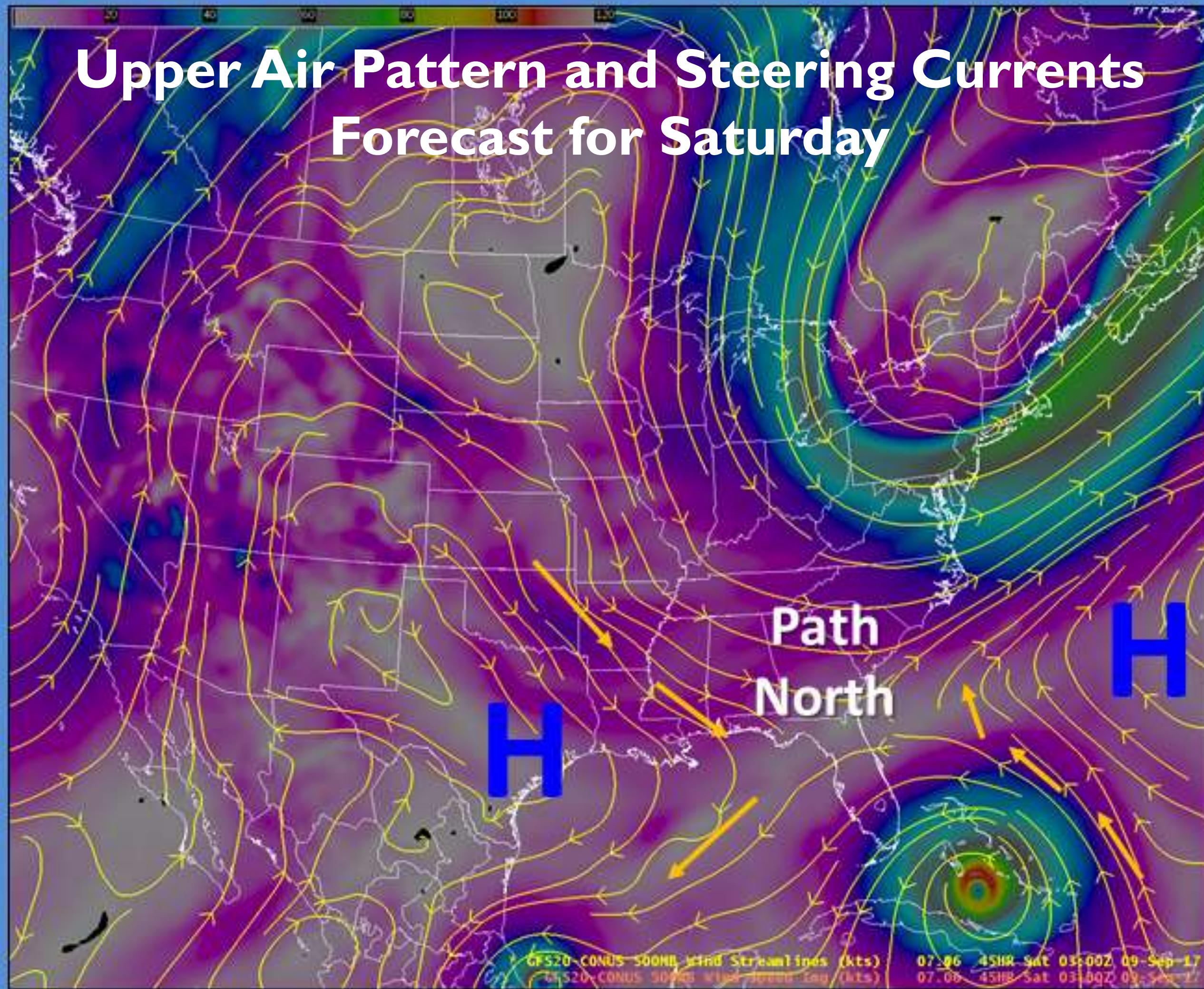
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Uses 1000 different plausible scenarios based on the current forecast, historical error, and model spread.

Currently there is a 0% chance of tropical storm force winds in Southeast Louisiana and Southern Mississippi in the next 5 days.

Upper Air Pattern and Steering Currents Forecast for Saturday



Why is Irma expected to turn?

- Blocking high pressure over Texas and also over the western Atlantic
- Trough of low pressure over the east coast of the United States
- The hurricane will follow the “break” between the highs formed by this trough



- The exact time and location where Irma begins to turn will have a significant effect on exactly where the storm tracks beyond Saturday
- The longer it takes for Irma to begin turning, the farther west the latter part of the track will be. However, all model guidance indicates that Irma will turn as it approaches south Florida, with no impact to southeast Louisiana and southern Mississippi
- The area at highest risk for the US mainland continues to be from south Florida through the Carolinas.
- It's still the peak of hurricane season and now is a good time to review any hurricane plans and ensure supply kits are complete and up to date.

Hurricane Jose



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Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Jose is still a category 1 hurricane.

The storm will continue to move west-northwest for the next couple days before turning more toward the northwest over the weekend

Hurricane Jose
Thursday September 07, 2017
11 AM AST Advisory 9
NWS National Hurricane Center

Current information: x
Center location 14.9 N 50.6 W
Maximum sustained wind 90 mph
Movement WNW at 18 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 (solid line), Day 4-5 (dotted line)
Watches: Hurricane (pink), Trop Stm (yellow)
Warnings: Hurricane (red), Trop Stm (blue)
Current wind extent: Hurricane (brown), Trop Stm (orange)

Hurricane Katia



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Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Hurricane Katia is expected to continue drifting slowly southwestward toward Mexico

Hurricane Katia
Thursday September 07, 2017
10 AM CDT Advisory 8
NWS National Hurricane Center

Current information: x
Center location 21.6 N 94.6 W
Maximum sustained wind 80 mph
Movement: Stationary

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 (solid line) Day 4-5 (dotted line)	Watches: Hurricane (pink) Trop Stm (yellow)	Warnings: Hurricane (red) Trop Stm (blue)	Current wind extent: Hurricane (brown) Trop Stm (orange)
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