

NHC/JTWC Forecaster Identified Issues

2020 HFIP Meeting
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Forecaster Identified Issues

- Increasing accuracy and run-to-run consistency of track and intensity forecasts for developing TCs (particularly when initial intensity is below the tropical storm threshold)
- Improving model initialization and forecasts for non-classical TC genesis cases (particularly for multi-vortex disturbances such as monsoon depressions and Central America Gyres)

Forecaster Identified Issues

- Poor genesis forecasts, especially in the Gulf of Mexico and Caribbean
- Inconsistent depiction of RI in regional hurricane models, which may be due to differences in alternating model cycles when TDR data are available for HWRF
- Need guidance on when HWRF intensity forecasts should be most reliable
- Poor HWRF track forecasts affecting intensity forecasts in the western Atlantic