

Hurricane Warner **BRIEFING #1**

5:00 AM EDT Tuesday, May 2nd, 2023

What has changed: First full briefing. Eastern North Carolina is now in the cone of uncertainty. Next Briefing: By May 3rd at 8AM Disclaimer: The information contained within is time-sensitive

National Weather Service

Morehead City, NC



For information on specific hazards in this area, please go to <u>https://www.weather.gov/srh/tropical?office=mhx</u>

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Situation Overview

WARNER



Hurricane Warner has formed just north of the Dominican Republic.

NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone. Warner is expected to quickly move to the north and intensify rapidly.

A variety of impacts to our area are possible including wind, storm surge, heavy rain (flash flooding), and the risk for tornadoes.

Uncertainty remains high in Warner's forecast track and significant changes are possible.



Wind Speed Probabilities

Hurricane Warner

| Advy # 8 Fri May 5 2AM 80mph Çati (1/WNW)3mphy 4 2PM 105mph Cat 2 WNW 14m Advy # 8 Thu May 4 2AM 115mph Cat 3 NNW 14mph Advy # 8 Wed May 3 5PM 105mph Cat 2 963mb NNW 20m | | | | | | | |
|--|--|--|--|--|--|--|--|
| HURRICANE WARNER (al052A7S) - Wednesday, May 3, 2023 5PM EDT Advisory #8 O Center Location: 32.9 N 76.1 W Maximum Sustained Winds: 105 mph (Cat 2) Movement: 20 mph NNW | | | | | | | |
| Potential Track Area: 🔍 1-3 day 🖓 4-5 day 🛛 🖓 Most Likely Arrival of Tropical-Storm-Force Winds | | | | | | | |
| Wind Field: 🦿 along 3-day forecast track | | | | | | | |
| Sustained Wind Speed: tropical storm >= 34kt/39mph strong tropical storm >= 50kt/58mph hurricane >= 64kt/74mph | | | | | | | |
| Tropical Storm Wind Speed Probabilities for the 120 hours (5 days) from 2PM Wed 05/03/2023 to 2PM Mon 05/08/2023 | | | | | | | |
| 5% 10% 20% 30% 40% 50% 60% 70% 80% 90% | | | | | | | |

- The threat for tropical storm force winds is increasing and is now over 5% for most of Eastern North Carolina.
- Probabilities are not very high due to track uncertainty.
- Tropical storm force winds may arrive as early as sometime late Monday night or early Tuesday.



Hurricane Wind Speed Probabilities

Hurricane Warner



- The threat for hurricane force winds is increasing and is now over 5% for most of Eastern North Carolina.
- Probabilities are not very high due to track uncertainty.
- Probability of hurricane force winds may increase as arrival time gets closer.
- Tropical storm force winds are most likely sometime Tuesday or Tuesday night.



Potential Storm Surge Flooding



Note: This graphic shows where storm surge inundation could occur in any one location. It depicts a reasonable worst case scenario.



- Extensive storm surge is expected in our area.
- Reasonable worst case scenario is 5 to 10+ feet Coastal Onslow/Carteret.
- 8 to 13+ feet possible Neuse River (New Bern), Pamlico River, Pungo River and Pamlico Sound.



Next Briefing: May 3rd by 8AM.



For the latest graphics and information go to: <u>www.hurricanes.gov</u> or weather.gov/mhx/tropical

