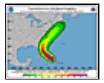
NATIONAL HURRICANE CENTER and CENTRAL PACIFIC HURRICANE CENTER

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HURRICANE ISAIAS

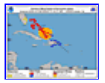

Wind Speed Probabilities


Arrival Time of Winds


Wind History

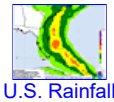

Warnings/Cone Interactive Map


Warnings/Cone Static Images

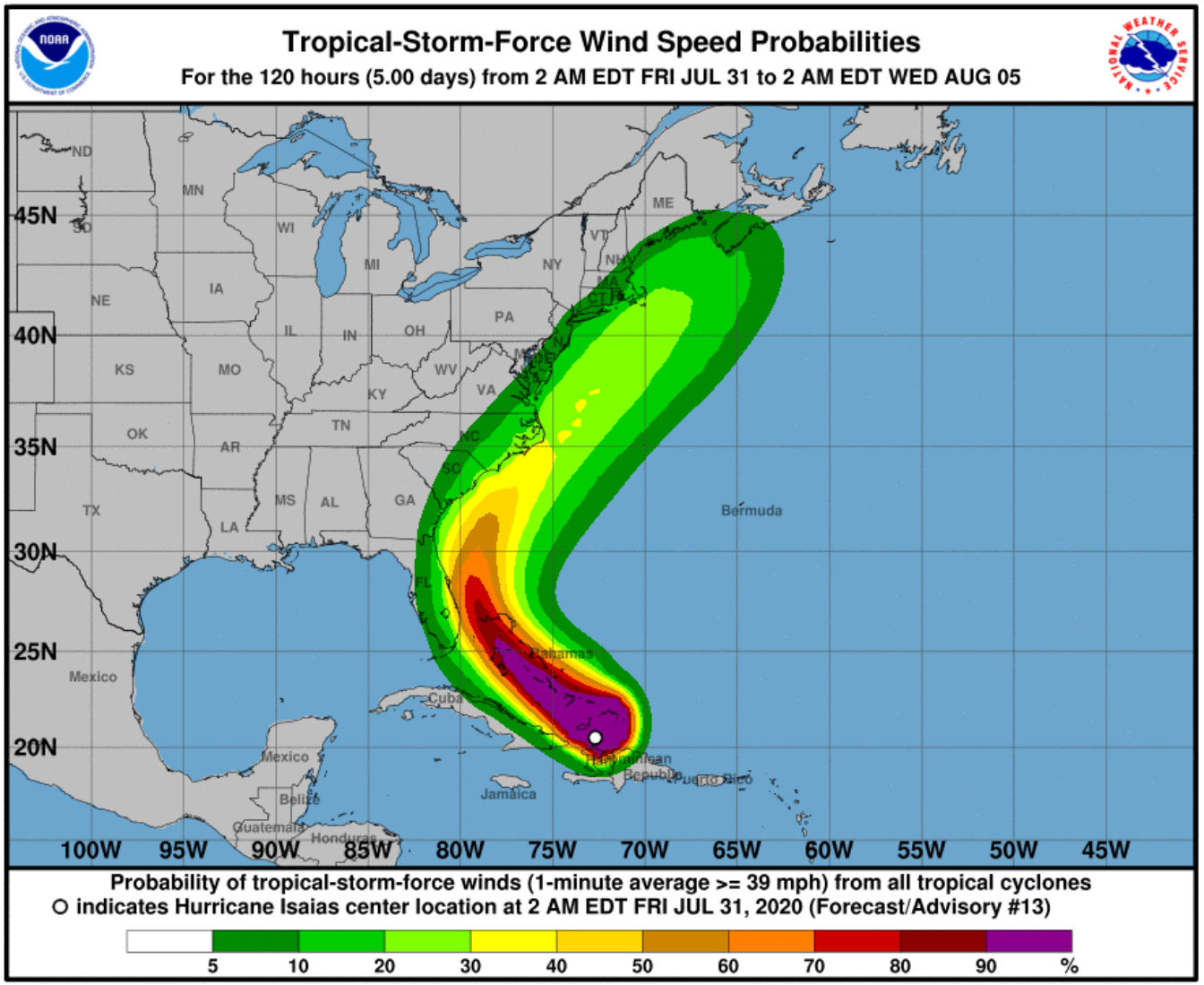

Warnings and Surface Wind


Key Messages


Mensajes Claves


U.S. Rainfall Potential

 **Hurricane Wind Speed Probability** 0 12 24 36 48 60 72 84 96 108 120 hours Loop	 **50-knot Wind Speed Probability** 0 12 24 36 48 60 72 84 96 108 120 hours Loop	 **Tropical Storm Wind Speed Probability** 0 12 24 36 48 60 72 84 96 108 120 hours Loop



Click Here for a Printer Friendly Graphic

Download 120-h GIS data: 5 km .shp 0.5 degree .shp

About this product:

Note: The time of the tropical cyclone's center location at the bottom of the graphic will be 3 hours earlier than the time of the current advisory. The forecast cycle for each advisory begins 3 hours prior to the issuance of the advisory products.

These graphics show probabilities of sustained (1-minute average) surface wind speeds equal to or exceeding 34 kt (39 mph). These wind speed probability graphics are based on the official National Hurricane Center (NHC) track, intensity, and wind radii forecasts, and on NHC forecast error statistics for those forecast variables during recent years. Each graphic provides cumulative probabilities that wind speeds of at least 39 mph will occur during cumulative time periods at each specific point on the map. The cumulative periods begin at the start of the forecast period and extend through the entire 5-day forecast period at cumulative 12-hour intervals (i.e., 0-12 h, 0-24 h, 0-36 h, ... , 0-120 h). An individual graphic is produced for each cumulative interval, and the capability to zoom and animate through the periods is provided. To assess the overall risk of experiencing winds of at least 39 mph at any location, the 120-h graphics are recommended.

These probabilities will be updated by the NHC with each advisory package for all active tropical cyclones in the Atlantic and eastern North Pacific basins. While separate graphics are focused on each individual tropical cyclone, probabilities resulting from more than one active tropical cyclone may be seen on each graphic.

It is important for users to realize that wind speed probabilities that might seem relatively small at their location might still be quite significant, since they indicate that there is a chance that a damaging or even extreme event could occur that warrants preparations to protect lives and property.

Additionally, these probability products are available on the National Weather Service's National Digital Forecast Database (NDFD) graphical tropical webpage.

Quick Links and Additional Resources

TROPICAL CYCLONE FORECASTS
Tropical Cyclone Advisories
Tropical Weather Outlook
Audio/Podcasts
About Advisories

MARINE FORECASTS
Offshore Waters Forecasts
Gridded Forecasts
Graphicast
About Marine

SOCIAL MEDIA
NHC on Facebook
Twitter
YouTube
NHC Blog: "Inside the Eye"

HURRICANE PREPAREDNESS
Preparedness Guide
Hurricane Hazards
Watches and Warnings
Marine Safety
Ready.gov Hurricanes | en Español
Weather-Ready Nation
Emergency Management Offices

RESEARCH AND DEVELOPMENT
NOAA Hurricane Research Division
Joint Hurricane Testbed
Hurricane Forecast Improvement Program

OTHER RESOURCES
Q & A with NHC
NHC/AOML Library Branch
NOAA: Hurricane FAQs
National Hurricane Operations Plan
WX4NHC Amateur Radio

NWS FORECAST OFFICES
Weather Prediction Center
Storm Prediction Center
Ocean Prediction Center
Local Forecast Offices

WORLDWIDE TROPICAL CYCLONE CENTERS
Canadian Hurricane Centre
Joint Typhoon Warning Center
Other Tropical Cyclone Centers
WMO Severe Weather Info Centre

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Hurricane Center
11691 SW 17th Street
Miami, FL, 33165
nhcwebmaster@noaa.gov

Central Pacific Hurricane Center
2525 Correa Rd
Suite 250
Honolulu, HI 96822
W-HFO.webmaster@noaa.gov

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