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Tropical Weather Outlook  
NWS National Hurricane Center Miami FL  
800 AM EDT Wed Jun 1 2022

For the North Atlantic...Caribbean Sea and the Gulf of Mexico:

Near the Yucatan Peninsula and Southeastern Gulf of Mexico:  
A large area of disorganized showers and thunderstorms located over the northwestern Caribbean Sea and Yucatan Peninsula is associated with a broad area of low pressure. Environmental conditions appear conducive for gradual development, and this system is likely to become a tropical depression while it moves northeastward over the northwestern Caribbean Sea and southeastern Gulf of Mexico during the next couple of days. Regardless of development, locally heavy rainfall is likely across portions of southeastern Mexico, the Yucatan Peninsula, and Belize during the next day or so, spreading across western Cuba, South Florida, and the Florida Keys on Friday and Saturday. Interests in the Yucatan Peninsula, western Cuba, the Florida Keys, and the Florida Peninsula should monitor the progress of this system.

- \* Formation chance through 48 hours...high...70 percent.
- \* Formation chance through 5 days...high...80 percent.

Southwestern Atlantic northeast of the Bahamas:  
A weak surface trough located around 200 miles northeast of the central Bahamas is producing disorganized shower activity as it interacts with an upper-level trough. Surface pressures are currently high across the area, and significant development of this system appears unlikely as it moves generally east-northeastward over the next several days away from the southeastern United States.

- \* Formation chance through 48 hours...low...10 percent.
- \* Formation chance through 5 days...low...10 percent.

Today marks the first day of the Atlantic hurricane season, which will run until November 30. Long-term averages for the number of named storms, hurricanes, and major hurricanes are 14, 7, and 3, respectively.

The list of names for 2022 is as follows:

Name	Pronunciation	Name	Pronunciation
Alex	AL-leks	Lisa	LEE-suh
Bonnie	BAH-nee	Martin	MAR-tin
Colin	KAH-lihn	Nicole	nih-KOHL
Danielle	dan-YELL	Owen	OH-uhn

Earl	URR-ull	Paula	PAHL-luh
Fiona	fee-OH-nuh	Richard	RIH-churd
Gaston	ga-STAWN	Shary	SHAHR-ee
Hermine	her-MEEN	Tobias	toh-BEE-uss
Ian	EE-an	Virginie	vir-JIN-ee
Julia	JOO-lee-uh	Walter	WALL-tur
Karl	KAR-ull		

This product, the Tropical Weather Outlook, briefly describes significant areas of disturbed weather and their potential for tropical cyclone formation during the next five days. The issuance times of this product are 2 AM, 8 AM, 2 PM, and 8 PM EDT. After the change to standard time in November, the issuance times are 1 AM, 7 AM, 1 PM, and 7 PM EST.

A Special Tropical Weather Outlook will be issued to provide updates, as necessary, in between the regularly scheduled issuances of the Tropical Weather Outlook. Special Tropical Weather Outlooks will be issued under the same WMO and AWIPS headers as the regular Tropical Weather Outlooks.

A standard package of products, consisting of the tropical cyclone public advisory, the forecast/advisory, the cyclone discussion, and a wind speed probability product, is issued every six hours for all ongoing tropical cyclones. In addition, a special advisory package may be issued at any time to advise of significant unexpected changes or to modify watches or warnings.

The Tropical Cyclone Update is a brief statement to inform of significant changes in a tropical cyclone or to post or cancel watches or warnings. It is used in lieu of or to precede the issuance of a special advisory package. Tropical Cyclone Updates, which can be issued at any time, can be found under WMO header WTNT61-65 KNHC, and under AWIPS header MIATCUAT1-5.

All National Hurricane Center text and graphical products are available on the web at [www.hurricanes.gov](http://www.hurricanes.gov). More information on NHC text products can be found at [www.hurricanes.gov/aboutnhcprod.shtml](http://www.hurricanes.gov/aboutnhcprod.shtml), while more information about NHC graphical products can be found at [www.hurricanes.gov/aboutnhcgraphics.shtml](http://www.hurricanes.gov/aboutnhcgraphics.shtml).

You can also interact with NHC on Facebook at <https://www.facebook.com/NWSNHC>. Notifications are available via Twitter when select National Hurricane Center products are issued. Information about our Atlantic Twitter feed (@NHC\_Atlantic) is available at [www.hurricanes.gov/twitter.php](http://www.hurricanes.gov/twitter.php).

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Forecaster Brown/Bucci