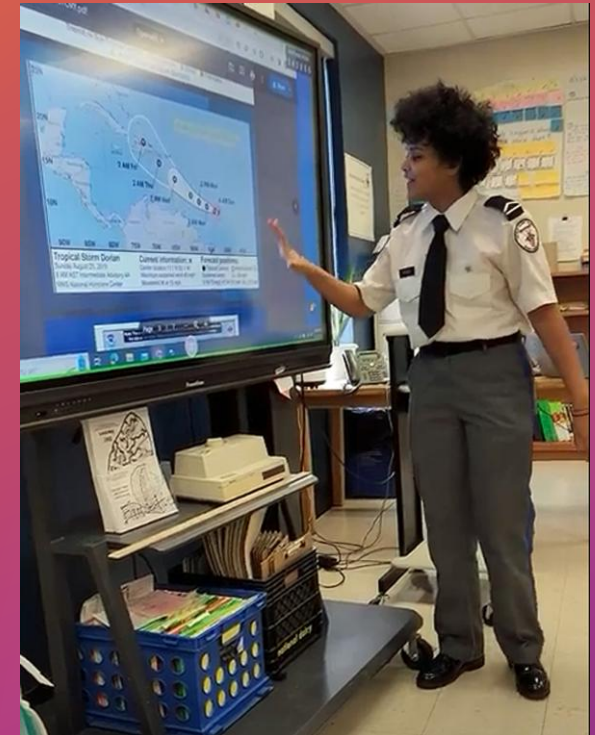


**KTRF
LIVE!**

LET'S TALK
WEATHER!
ACTING-IN-ROLE
AS A TV
METEOROLOGIST!



A satellite image of Hurricane Dorian is shown in the background, with a white outline of the state of Florida overlaid on it. Three yellow dots mark the locations of Jacksonville, Tampa, and Fort Pierce. The text 'TALKING STORY ABOUT Hurricane Dorian' is centered over the image.

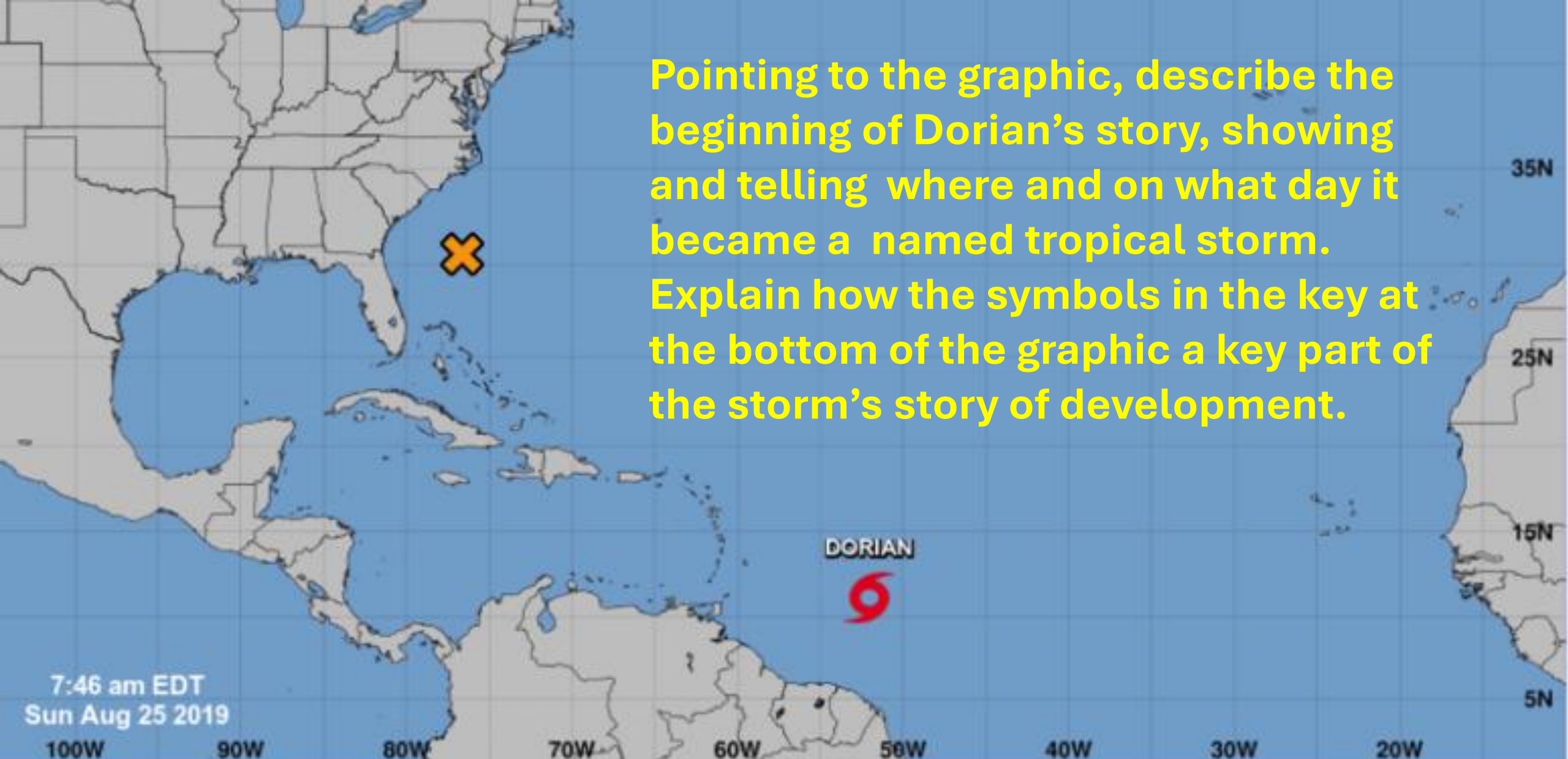
Jacksonville

TALKING STORY ABOUT

Hurricane Dorian

Tampa

Fort Pierce

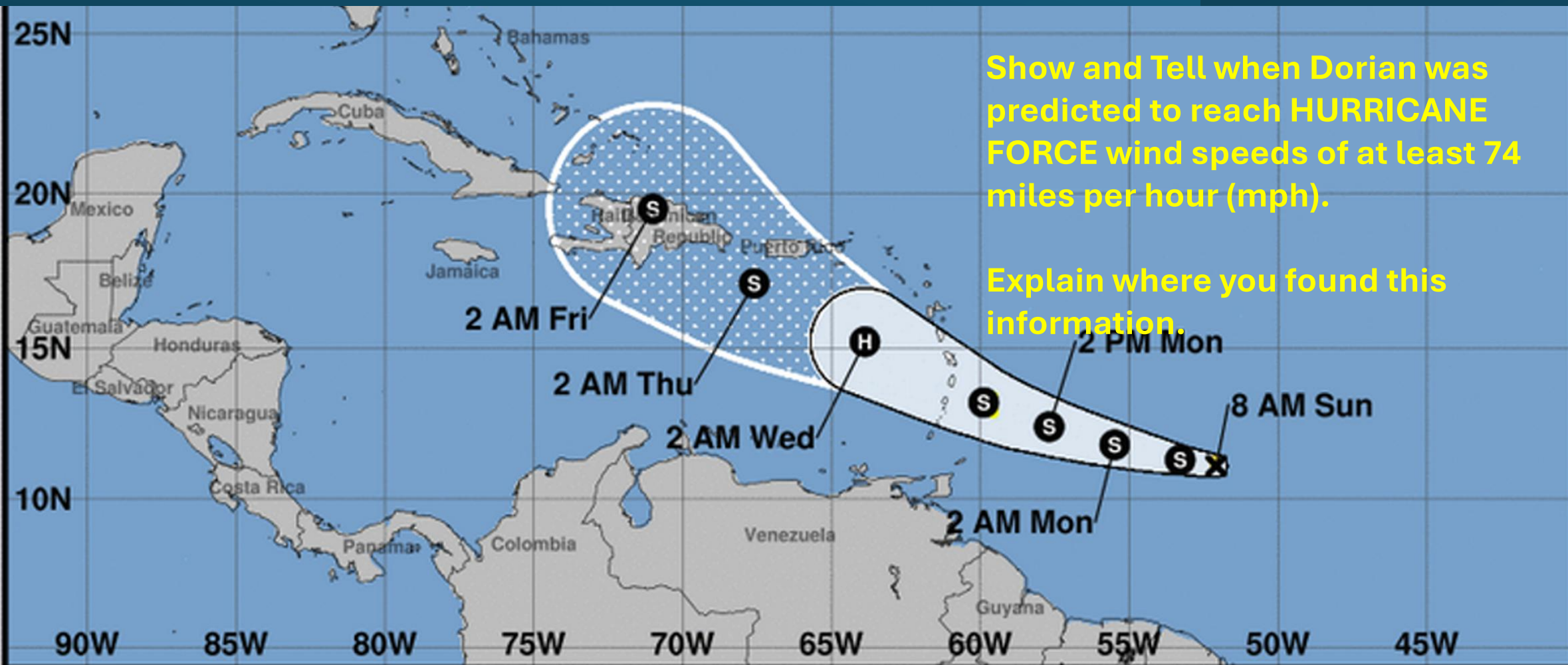


Pointing to the graphic, describe the beginning of Dorian's story, showing and telling where and on what day it became a named tropical storm. Explain how the symbols in the key at the bottom of the graphic a key part of the storm's story of development.

Current Disturbances and Two-Day Cyclone Formation Chance:  < 40%  40-60%  > 60%

Tropical or Sub-Tropical Cyclone:  Depression  Storm  Hurricane

 Post-Tropical Cyclone or Remnants



Show and Tell when Dorian was predicted to reach HURRICANE FORCE wind speeds of at least 74 miles per hour (mph).

Explain where you found this information.

Tropical Storm Dorian

Sunday August 25, 2019

8 AM AST Intermediate Advisory 4A

NWS National Hurricane Center

Current information: x

Center location 11.1 N 52.1 W

Maximum sustained wind 40 mph

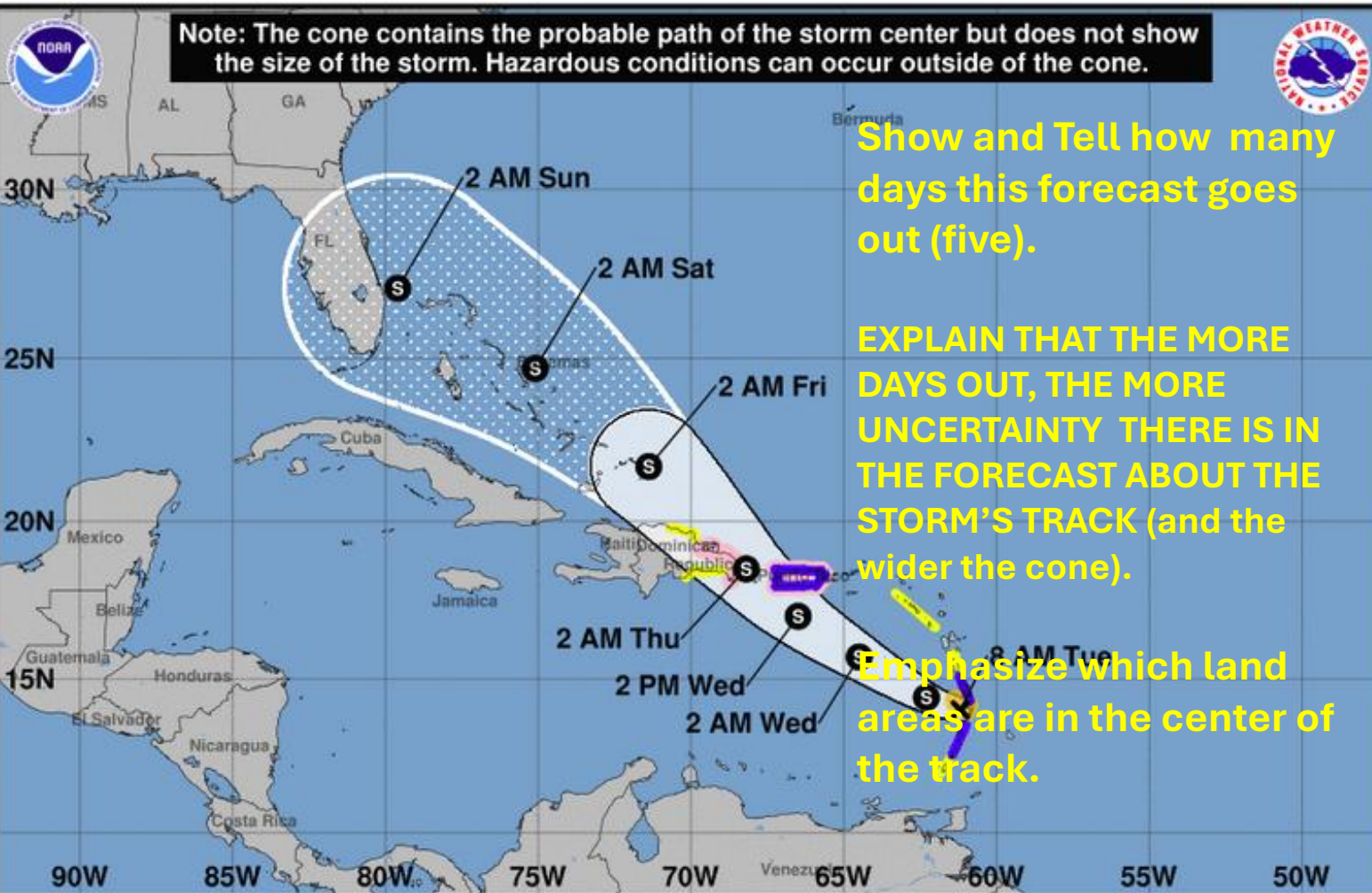
Movement W at 13 mph

Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph



Show and Tell how many days this forecast goes out (five).

EXPLAIN THAT THE MORE DAYS OUT, THE MORE UNCERTAINTY THERE IS IN THE FORECAST ABOUT THE STORM'S TRACK (and the wider the cone).

Emphasize which land areas are in the center of the track.

Tropical Storm Dorian
 Tuesday August 27, 2019
 8 AM AST Intermediate Advisory 12A
 NWS National Hurricane Center

Current information: x
 Center location 14.0 N 61.2 W
 Maximum sustained wind 50 mph
 Movement WNW at 13 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 (purple)

Current wind extent:
 Hurricane (brown) Trop Stm (orange)



Show and Tell the day and time was Dorian expected to become a MAJOR HURRICANE?

Explain how you knew this.

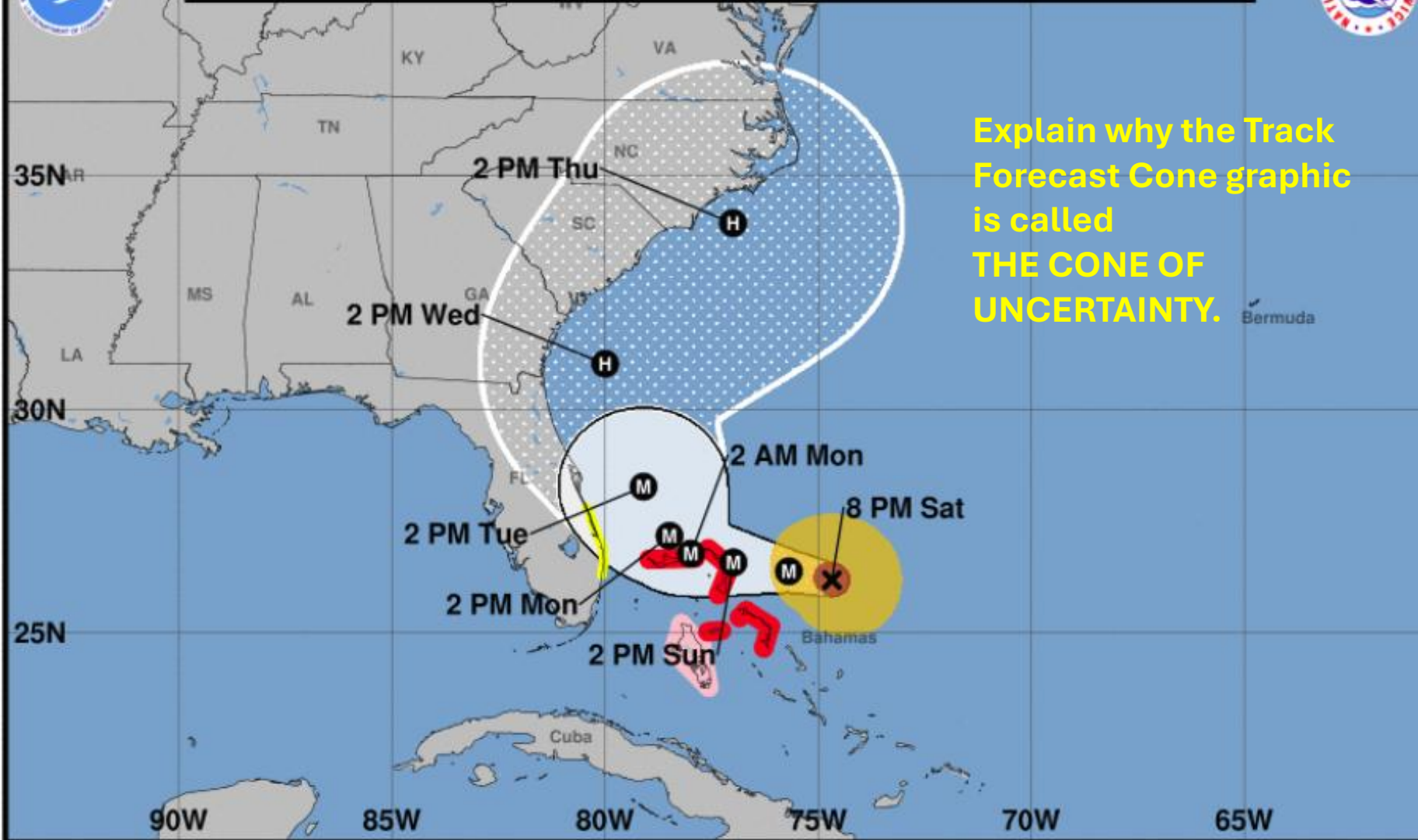
Hurricane Dorian
 Friday August 30, 2019
 8 AM AST Intermediate Advisory 24A
 NWS National Hurricane Center

Current information: x
 Center location 24.2 N 69.4 W
 Maximum sustained wind 110 mph
 Movement NW at 12 mph

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



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.

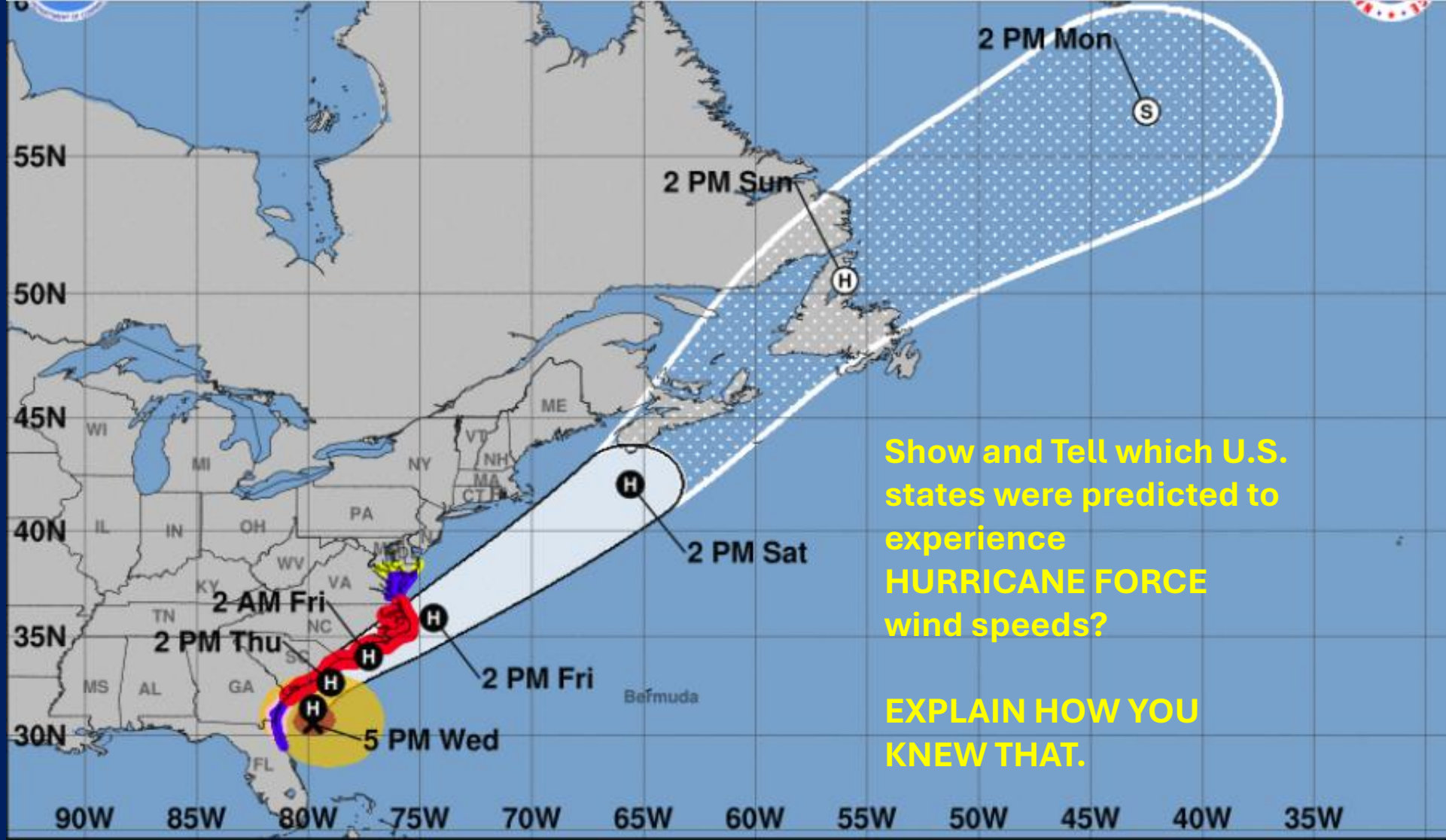


Explain why the Track Forecast Cone graphic is called **THE CONE OF UNCERTAINTY.**

Hurricane Dorian
 Saturday August 31, 2019
 8 PM EDT Intermediate Advisory 30A
 NWS National Hurricane Center

Current information: x
 Center location 26.2 N 74.7 W
 Maximum sustained wind 150 mph
 Movement W at 8 mph

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



Show and Tell which U.S. states were predicted to experience HURRICANE FORCE wind speeds?

EXPLAIN HOW YOU KNEW THAT.

Hurricane Dorian
 Wednesday September 04, 2019
 5 PM EDT Advisory 46
 NWS National Hurricane Center

Current information: x
 Center location 30.6 N 79.8 W
 Maximum sustained wind 110 mph
 Movement NNW at 8 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:



Watches:



Warnings:



Current wind extent:

