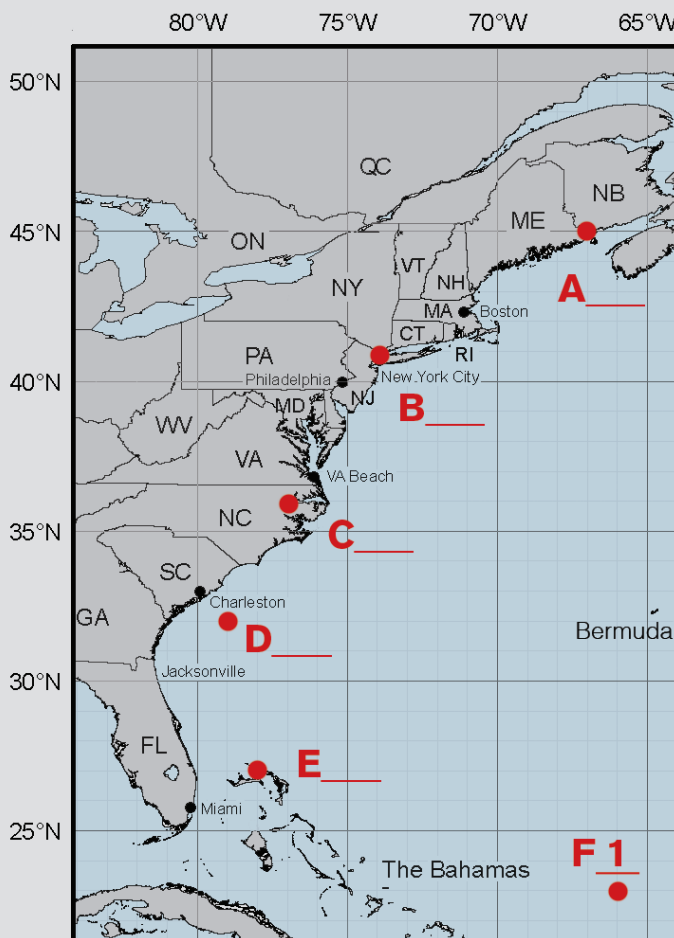


Track the Hurricane

When a hurricane is on its way, weather forecasters use satellites to track it so that they can warn people to move away from dangerous areas. Here's your chance to be a weather forecaster.

Use this grid map to track the locations of a hurricane as it heads toward the east coast of the United States. For each date and time, there are two numbers that describe the hurricane's location – *latitude* and *longitude*. Look at the numbers along the left side of the grid map to find the *latitude* number. Look at the numbers along the top of the grid map to find the *longitude* number. Follow the lines over from the left and down from the top to find where they cross. That is the location of the hurricane for that date and time.

All the locations are already marked on the map. Match each one to its date and time. (The first one is filled in for you.) Then draw a line connecting the dots to show the full path of the hurricane.



ANSWERS: A-6; B-5; C-4; D-3; E-2; F-1

1. September 12 at noon

Latitude 23N, Longitude 66W

The hurricane is heading west toward the Bahamas Islands with winds at 105 miles per hour.

2. September 15 at midnight

Latitude 27N, Longitude 78W

The hurricane is still moving west, toward Florida, with winds now at 115 miles per hour.

3. September 16 at midnight

Latitude 32N, Longitude 79W

The hurricane suddenly turns north with winds at 90 miles per hour.

4. September 16 at noon

Latitude 36N, Longitude 77W

Just 12 hours later, the hurricane hits North Carolina with 74 mile per hour winds.

5. September 17 at midnight

Latitude 41N, Longitude 74W

For 12 hours the hurricane roars up the coast, reaching New York City with winds of 50 miles per hour.

6. September 18 at midnight

Latitude 45N, Longitude 67W

By the next day, the hurricane has crossed New England and reached Canada. It will head back out to sea on September 19.

Be Prepared! Plan ahead to evacuate when a hurricane heads your way. Be sure the grownups in your home listen to the news to find out what to do for hurricane watches and warnings. Make sure your Pillowcase Kit is ready to go. Remind grownups to get plenty of gas for the car and cash from an ATM. Have more than one route to get to safety in case floods block your way. When you go back home after the hurricane, be careful not to hurt yourself on broken glass or other sharp things, and don't walk in puddles – they could be dangerous. Help toss out any food that might have spoiled in the fridge or freezer – when in doubt, toss it out!

To Learn More about hurricanes, visit www.education.noaa.gov/Weather_and_Atmosphere/Hurricanes.html, and www.ready.gov/kids/know-the-facts/hurricanes, and play the hurricane episode of Monster Guard, a free app available at redcross.org/monsterguard. You can also ask an adult to download the free Red Cross Hurricane App at redcross.org/mobile-apps/hurricane-app. To learn more about all kinds of emergencies, visit redcross.org/pillowcase.