

## STORM PULSE TRACKER [Hurricane/Tropical Weather]

<http://www.stormpulse.com/fullscreen/current>

### INSTRUCTIONS ON INTERACTIVE STORM MAP

[Reprint from <http://www.chron.com/weather/stormpulse-ike.html>]

#### HOW TO USE THE MAP

The interactive tracking map starts on a storm's **current center location** and **forecasted positions** based on the latest advisory from the National Hurricane Center.

The **box at the bottom of the map** shows information for a selected point along the storm's path. This starts on the current center location for the storm, as well as maximum sustained wind speed, pressure, and movement. The advisory number is shown to the right of the name of the storm. Abbreviations to the left of the storm name indicate the type — "T.D." (Tropical Depression), "T.S." (Tropical Storm), and "Hurr." (Hurricane).

**Zoom in or out** with the plus (+) and minus (-) controls in the top-left corner.

To **pan**, click and drag the map or click the arrows along the edges of the map.

#### MAP TOOLS

A **legend** in the top-right corner shows the color key for different categories of tropical cyclones. The colors go from white for a TD (Tropical Depression) to red for an H5 (Major Hurricane, Category 5). A **scale** beneath the legend correlates distance in miles with distance on your computer screen.

A list of display options in the top-right-hand corner allows you to selectively add layers to the map. **Historical Track** will show the storm's entire path. When available, **Clouds** will load the latest available global cloud layer.

Clicking **More** will bring up **Wind Fields, Ocean Buoys, Map Grid** and **Map Labels**.

- **Wind Fields** will hide or show the reach of the storm's winds, displayed as circles around the selected point. These circles represent Tropical Depression force (white), Storm force (yellow), and Hurricane force (orange) winds.
- The **Ocean Buoys** option will request and load the latest observations sourced from the National Data Buoy Center. This may take a moment depending on your internet connection speed. Ocean buoys appear as blue boxes that can be clicked for more details. Land-based weather stations appear as red boxes that can also be clicked for the latest observations from that location.
- The **Map Grid** option will hide and show latitude and longitude lines, including the equator and tropics.
- The **Map Labels** option will hide and show labels for cities, countries, continents, oceans, and seas.