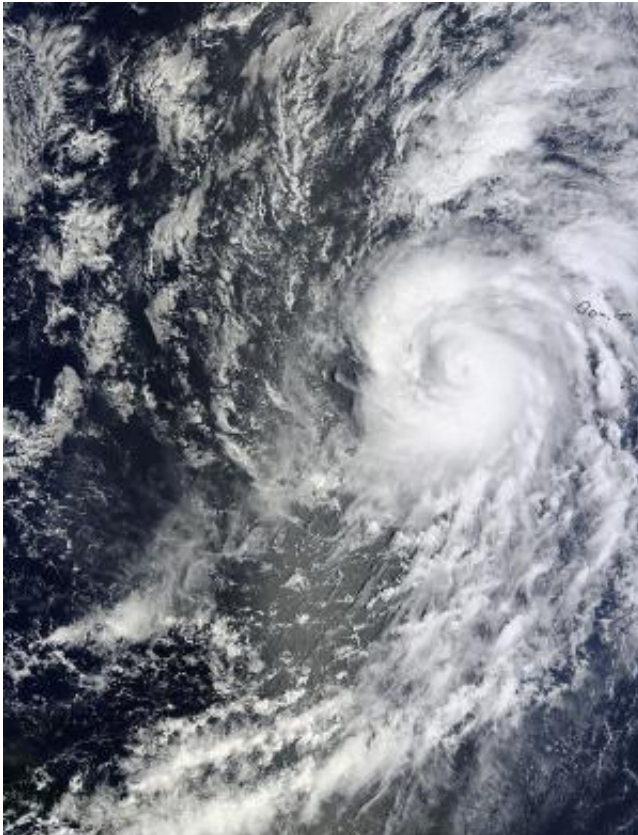


# NASA's Terra satellite spots Hurricane Humberto's cloud-filled eye

September 12 2013

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The MODIS instrument aboard NASA's Terra satellite captured this image of Hurricane Humberto on Sept. 11 at 9 a.m. EDT in the eastern Atlantic, west of the Cape Verde Islands. Credit: NASA Goddard MODIS Rapid Response Team

The MODIS instrument aboard NASA's Terra satellite captured a visible image of Hurricane Humberto that showed its eye was cloud-filled.

Humberto was moving away from the Cape Verde Islands in the Atlantic Ocean.

On Thursday, Sept. 12 at 11 a.m. EDT/1500 UTC, Hurricane Humberto has maximum near 85 mph/140 kph, and the National Hurricane Center (NHC) expects gradual weakening later in the day. The center of Hurricane Humberto was located near latitude 21.8 north and longitude 29.0 west, about 515 miles/830 km northwest of the Cape Verde Islands. Humberto is moving toward the north near 15 mph/24 kph and NHC expects a gradual turn toward the northwest and west-northwest. The estimated minimum central pressure is 982 millibars.

Hurricane force winds extend outward up to 35 miles/55 km from the center and [tropical storm force winds](#) extend outward up to 175 miles/280 km.

Satellite data indicates that there is some wind shear blowing from the south-southwest over Hurricane Humberto. However, Humberto appears fairly well organized in visible and [infrared imagery](#). The Moderate Resolution Imaging Spectroradiometer or MODIS instrument aboard NASA's Terra satellite captured a visible image of Hurricane Humberto on Sept. 11 at 9 a.m. EDT that showed a very small eye and bands of thunderstorms feeding into the storm.

The NHC expects the wind shear to increase from the west-southwest and Humberto will track into cooler waters. Both of those factors are expected to weaken Humberto below hurricane strength in the next couple of days.

Provided by NASA's Goddard Space Flight Center

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