

NASA's Aqua Satellite sees Tropical Storm Conson now in South China Sea

July 14 2010



NASA's Aqua satellite captured a visible image of Tropical Storm Conson in the South China Sea on July 13 at 1:40 a.m. EDT. Conson is being battered by strong vertical wind shear which is evident here because Conson no longer has the tropical cyclone signature rounded shape. Credit: NASA Goddard/MODIS Rapid Response Team

NASA satellite imagery confirmed that Tropical Storm Conson is departing the Philippines and is almost entirely in the South China Sea.

At 1500 UTC (10 a.m. EDT/10 p.m. local Asia/Manila time) on July 14, Tropical Storm Conson was located about 225 nautical miles west-northwest of Manila, the Philippines. That places Conson's center near 16.3 North and 116.9 East. Conson had [maximum sustained winds](#) near

50 knots (57 mph) and was moving west-northwest near 12 knots (14 mph). Conson is generating maximum wave heights of 15 feet in the South China Sea.

The Moderate Resolution Imaging Spectroradiometer (MODIS) instrument that flies aboard NASA's Aqua [satellite](#) captured a visible image of Tropical Storm Conson in the South China Sea on July 13 at 540 UTC (1:40 a.m. EDT/1:40 p.m. local Asia/Manila time). Conson is being battered by strong vertical wind shear at about 30 knots (34 mph) and the visible imagery shows that Conson no longer has the tropical cyclone signature rounded shape. For a time, Conson's center was fully exposed to winds but it has re-developed. Most of the strongest convection (rapidly rising air that forms thunderstorms) remained south of the partially exposed low-level center.

The Joint Typhoon Warning Center forecasts that Conson "should make landfall near Zhanjiang, China near 16/18z (July 16 at 1800 Zulu Time, or 2 p.m. EDT). Conson is expected to maintain intensity over the next day and then begin weakening before it makes landfall.

Provided by NASA's Goddard Space Flight Center

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