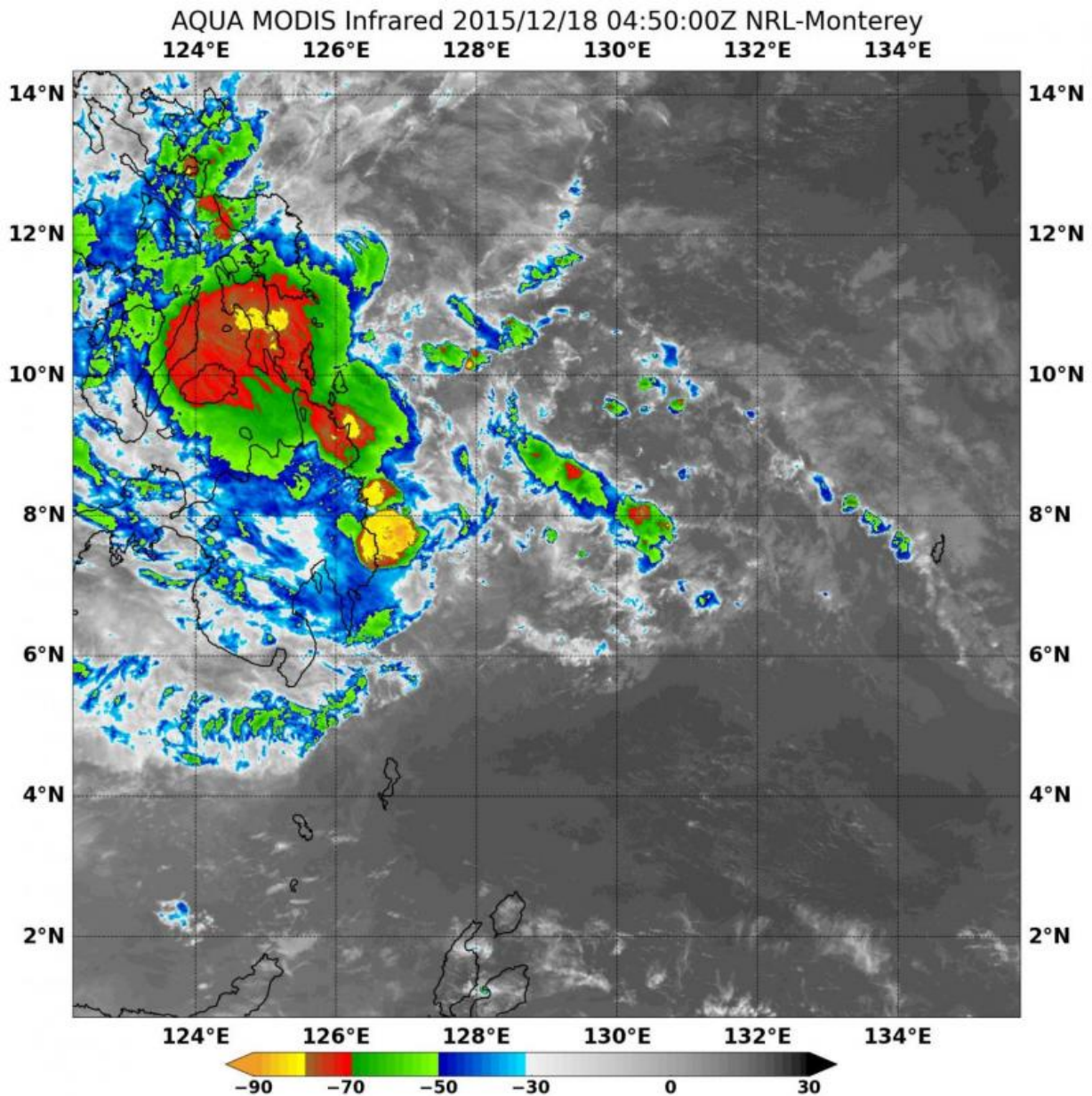


# NASA sees remnants of Tropical Depression 29W over Southern Philippines

December 18 2015, by Rob Gutro



On Dec. 18, NASA's Aqua satellite saw the remnants of 29W over the Mindanao, Philippines with cloud top temperatures near minus 70 degrees Fahrenheit (red) indicating high, powerful storms with the potential to generate heavy rain. Credit: NASA/NRL

Tropical Depression 29W was being battered by vertical wind shear from the day it formed and just two days later it dissipated as it reached the southern Philippines. NASA's Aqua satellite captured temperature data on the storms within the remnant low pressure area after it made landfall.

Tropical Depression 29W, known locally in the Philippines as "Onyok" made landfall over Caraga / Manay, Davao Oriental, according to PAGASA and has weakened into a low pressure area.

On Dec. 18 at 0450 UTC (Dec. 17 at 11:50 p.m. EST), the Moderate Resolution Imaging Spectroradiometer or MODIS instrument aboard NASA's Aqua satellite captured an infrared image of the remnants of Tropical Depression 29W over eastern Mindanao. Mindanao is the second largest and southern-most major island in the Philippines. The MODIS data showed some strong thunderstorms with cloud top temperatures near minus 70 degrees Fahrenheit (minus 56.6 degrees Celsius), indicating high, powerful storms with the potential to generate heavy rain.

At 7:30 a.m. EST (10:30 p.m. local time) the center of the low pressure area formerly known as 29W was in the vicinity of Caraga / Manay, Davao Oriental, according to the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

PAGASA had canceled all Public Storm Warning Signals. However, the remnant low pressure area is expected to bring moderate to occasionally [heavy rains](#) and isolated thunderstorms over the regions of Caraga, Davao, Northern Mindanao and the provinces of Lanao del Sur, Maguindanao and North Cotabato. PAGASA cautioned that the heavy rains may trigger flashfloods and landslides.

PAGASA also said that the Bicol Region, Eastern Visayas and the province of Quezon will experience moderate to heavy rains which may trigger flashfloods and landslides. The remnant low pressure area is forecast to continue tracking in a westerly direction and will move into the South China Sea late on Dec. 19, according to PAGASA. For updates, visit: <https://web.pagasa.dost.gov.ph/>.

Provided by NASA's Goddard Space Flight Center

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