

# Dawn breaks on Tropical Storm Amanda in Eastern Pacific

May 23 2014

---



NOAA's GOES-West satellite captured this visible image of renamed Tropical Storm Amanda on May 23 at 1500 UTC/11 a.m. EDT. Credit: NASA/NOAA GOES Project

Shortly after dawn broke in the Eastern Pacific Ocean this morning, May 23, Tropical Depression 1E organized and strengthened into the first tropical storm of the season: Amanda

NOAA's GOES-West satellite provided a [visible image](#) of Amanda on May 23 at 1500 UTC (11 a.m. EDT/8 a.m. PDT). The GOES imagery showed strong [thunderstorms](#) in the northern and western quadrants and is indicative of a better structure in the banding of thunderstorms around the low-level center of circulation.

By that time, Amanda's maximum sustained winds had increased to 40 mph (65 kph). Tropical-storm-force winds extend outward up to 35 miles (55 km) from the center. The NHC discussion indicated that forecasters there expect Amanda to reach hurricane strength in about three or so days.

Amanda was centered near 10.9 north latitude and 108.4 west longitude, about 620 miles (1,000 km) south-southwest of Manzanillo, Mexico. Amanda was moving to the west-northwest at 5 mph (7 kph) and had a minimum central pressure of 1005 millibars.

Forecaster Berg at the National Hurricane Center noted that Amanda is expected to remain in weak steering flow (which means there's not a strong weather system to push or guide it), and its motion should remain less than 5 knots during the next 5 days.

Provided by NASA's Goddard Space Flight Center

Citation: Dawn breaks on Tropical Storm Amanda in Eastern Pacific (2014, May 23) retrieved 1 May 2024 from <https://phys.org/news/2014-05-dawn-tropical-storm-amanda-eastern.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.