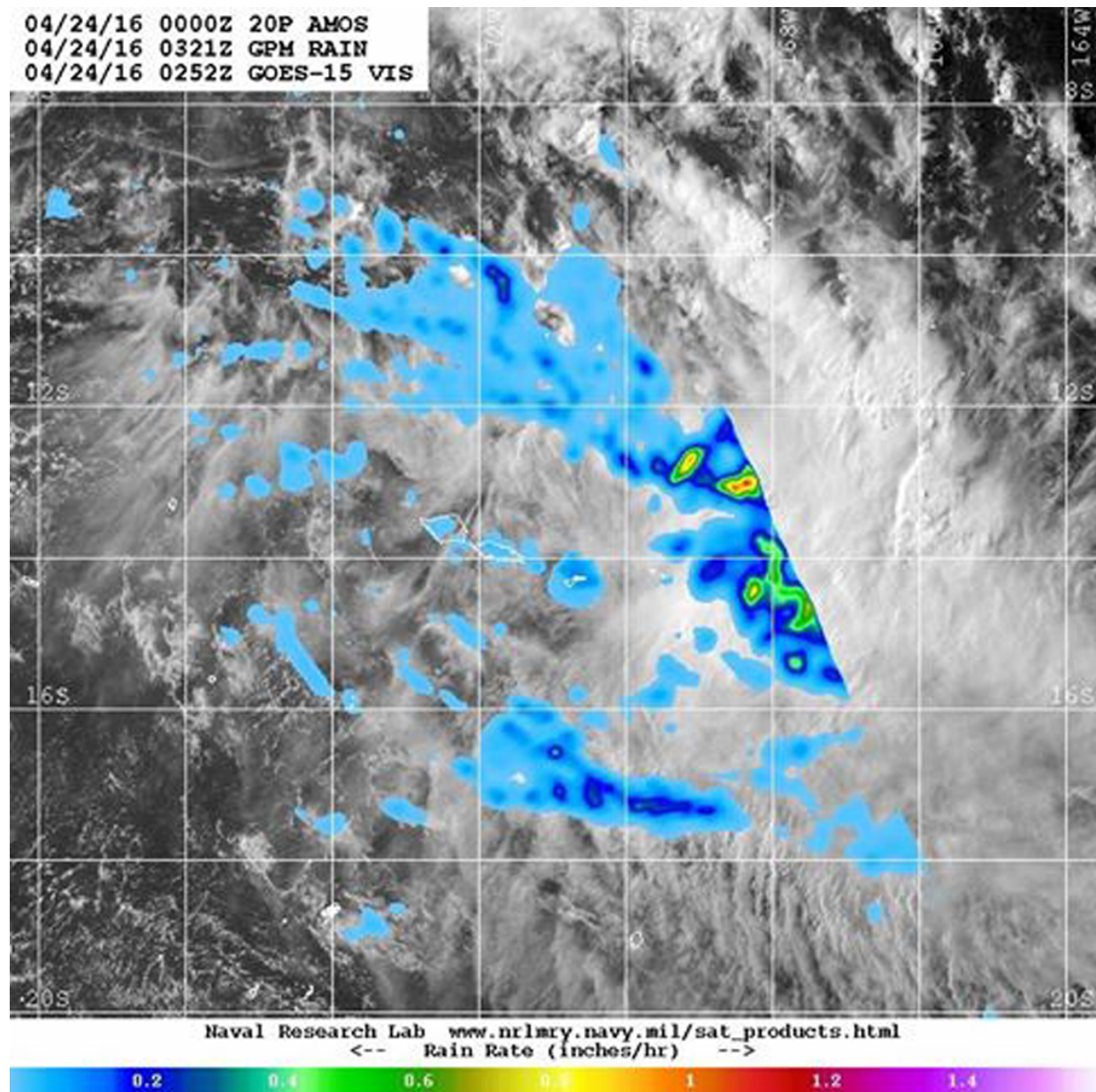


NASA sees wind shear end Tropical Cyclone Amos

April 25 2016



This composite visible image from NOAA's GOES-West and NASA/JAXA's GPM satellite shows wind shear elongated Tropical Cyclone Amos. Credit: NRL/NASA/JAXA/NOAA

On Sunday, April 24, 2016 Tropical Cyclone Amos ran into increasing wind shear that tore the storm apart. A composite satellite image from two satellites showed waning precipitation and lack of thunderstorm development from wind shear.

Visible imagery from NOAA's GOES-West on April 24, 2016 at 0252 UTC (April 23, 2016 at 10:52 p.m. EDT) and [precipitation](#) data from NASA and the Japan Aerospace Exploration Agency's Global Precipitation Measurement (GPM) Mission on April 24, 2016 at 0321 UTC (April. 23, 2016 at 11:21 a.m. EDT) was combined at the U.S. Naval Research Laboratory in Washington, D.C. The imagery showed the storm had elongated because of the [wind shear](#). Heaviest rainfall, at about 1 inch (25 mm) per hour appeared in the northwestern quadrant of the [storm](#) on GPM radar.

By 1500 UTC (11 a.m. EDT) on April 24, 2016 Amos moved past Pago Pago and continued on an easterly track at 7 knots (8 mph/12.9 kph) while weakening. At that time, Amos' [maximum sustained winds](#) were near 40 knots (46 mph/74 kph) and it was weakening quickly.

By the end of the day, Amos had dissipated in the Southern Pacific Ocean.

NASA's Goddard Space Flight Center

Provided by NASA's Goddard Space Flight Center

Citation: NASA sees wind shear end Tropical Cyclone Amos (2016, April 25) retrieved 1 May 2024 from https://phys.org/news/2016-04-nasa-tropical-cyclone-amos_1.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.