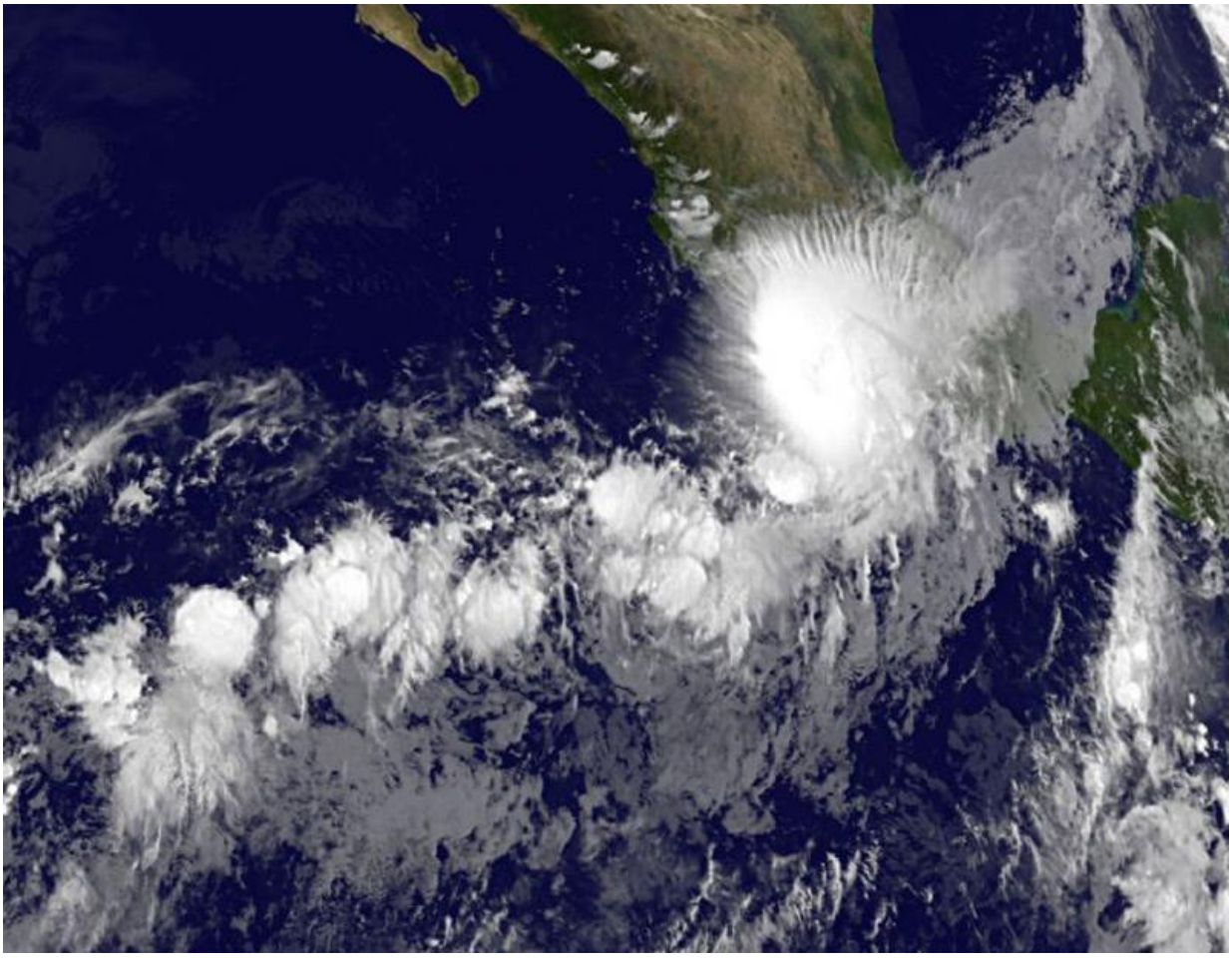
NASA sees Tropical Storm Marty along west coast of Mexico

September 28 2015, by Rob Gutro



NOAA's GOES-West satellite captured this infrared image of Tropical Storm Marty hugging Mexico's west coast on Sept. 28 at 8 a.m. EDT. Credit: NASA/NOAA GOES Project

NASA's RapidScat instrument provided a look at the tropical-storm force winds within Tropical Storm Marty as it continued to hug the coast of western Mexico.

The seventeenth tropical depression of the Eastern Pacific formed around 5 p.m. EDT on September 26 and by 11 p.m. EDT had strengthened into Tropical Storm Marty.

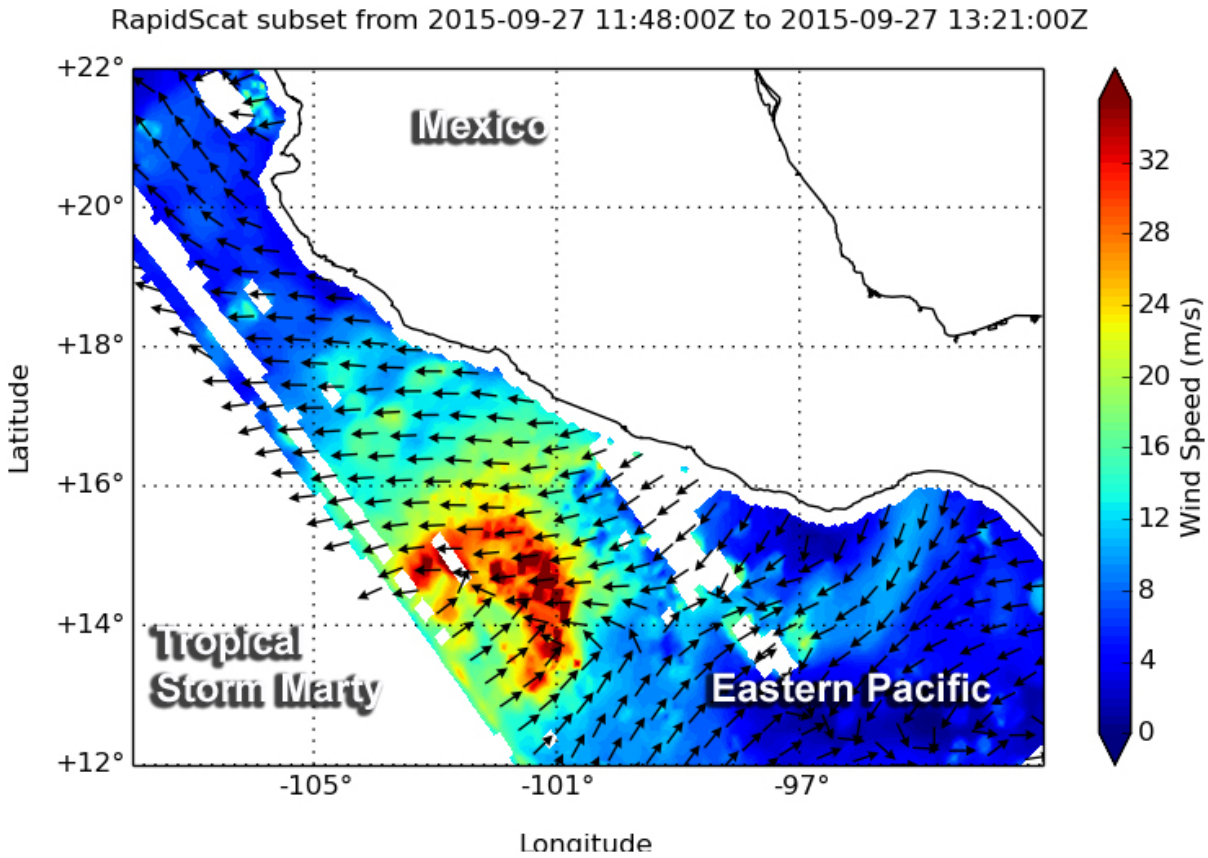
On September 27 at 1300 UTC (9 a.m. EDT) NASA's RapidScat instrument showed that Tropical Storm Marty's strongest sustained winds were north and east of the center near 35 meters per second (78 mph/126 kph) and weaker winds around the rest of the storm. Tropical storm force winds extend outward up to 90 miles (150 km) from the center.

On Monday, September 28, 2015, the National Hurricane Center noted that there is a Tropical Storm Watch is in effect for Acapulco, Mexico to Lazaro Cardenas, Mexico.

NOAA's GOES-West satellite captured an infrared image of Tropical Storm Marty hugging Mexico's west coast on Sept. 28 at 8 a.m. EDT.

At 8 a.m. EDT (1200 UTC) on Monday, September 28, 2015 the center of Tropical Storm Marty was located near latitude 15.9 North, longitude 103.1 West. Marty's center was just about 145 miles (230 km) southwest of Zihuatanejo, Mexico.

Marty was moving toward the north near 2 mph (4 kph), and a slow motion toward the northeast is expected late in the day on Sept. 28 and through Tuesday, Sept. 29. On the forecast track, the center of Marty is expected to near the southwestern coast of Mexico through Tuesday but remain offshore.



NASA's RapidScat instrument showed that Tropical Storm Marty's strongest sustained winds were north and east of the center near 35 meters per second (78 mph/126 kph) and weaker winds around the rest of the storm. Credit: NASA/JPL, Doug Tyler

Maximum sustained winds remain near 70 mph (110 kph) with higher gusts. Little change in strength is expected today, but weakening is forecast to begin by tonight or Tuesday. The estimated minimum central pressure is 990 millibars.

Marty is expected to drop a lot of rain causing concern for flooding and mudslides. The National Hurricane Center forecast noted that Marty is

expected to produce rainfall amounts of 6 to 12 inches over the Mexican state of Guerrero through Thursday, with isolated amounts near 20 inches from the Sierra Madre del Sur Mountains toward the coast. For updated forecasts, visit: http://www.nhc.noaa.gov.

Late on Tuesday, September 29, Marty is forecast to turn to the west-northwest and away from the coast.

Provided by NASA's Goddard Space Flight Center