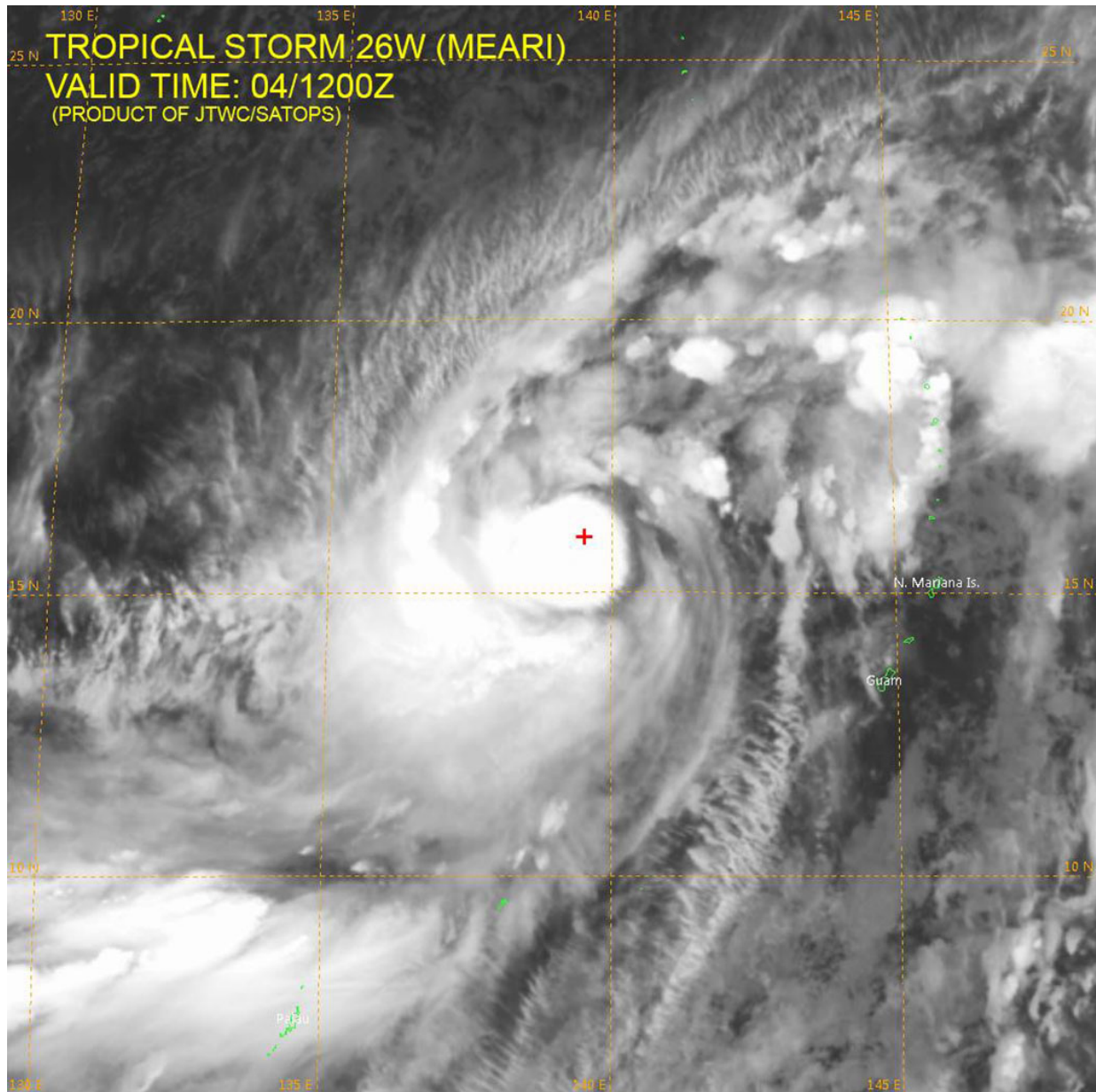


Tropical Storm Meari forecast to intensify

November 4 2016

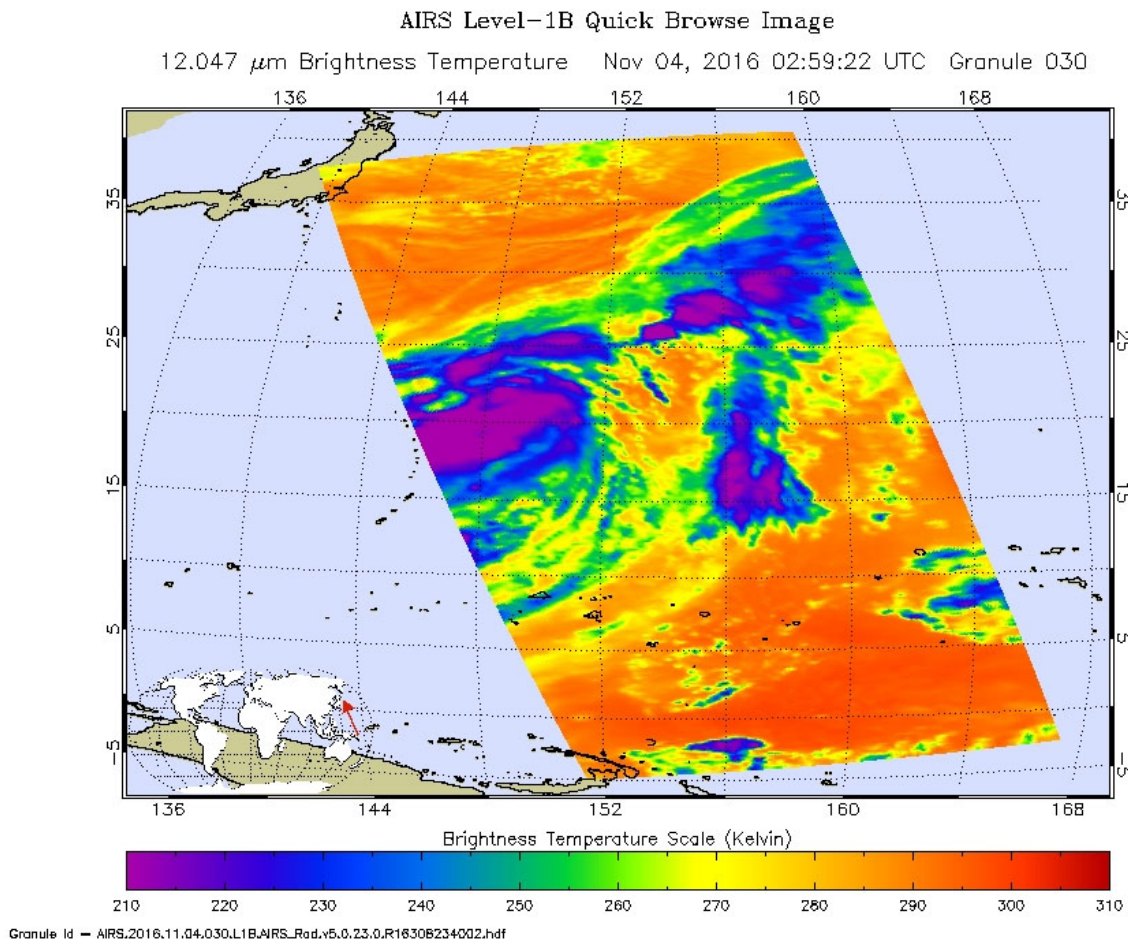


Satellite image of Meari. Credit: JTWC/SATOPS

Tropical Storm Meari is currently located 331 miles north of Ulithi which is an atoll in the Caroline Islands of the western Pacific Ocean. The storm has tracked northeastward at 7 knots per hour over the past six hours.

Satellite imagery is showing an organized low-level circulation with the system wrapping tightly around itself. The tightly curved banding supports the current tracking forecast with high confidence. The current intensity of the winds in the storm is clocking at 45 to 55 knots. There is also a favorable environment within the storm for further development.

Meari is expected to continue tracking northeastward over the next 48 hours. The [vertical wind shear](#) is expected to remain low which will contribute to its steady intensification. The storm is currently forecast to peak in intensity at 85 knots (97 mph). No landmasses are currently being threatened by this storm. After reaching peak intensity Meari will start to weaken and veer northeast.



On November 4, 2016, NASA's Atmospheric Infrared Sounder (AIRS) instrument on NASA's Aqua satellite produced this false-color infrared image of Meari as it headed northeast. The image shows the temperature of Meari's cloud tops or the surface of Earth in cloud-free regions, with the most intense thunderstorms shown in purples and blues. Credit: NASA/JPL-Caltech

Provided by NASA's Goddard Space Flight Center

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