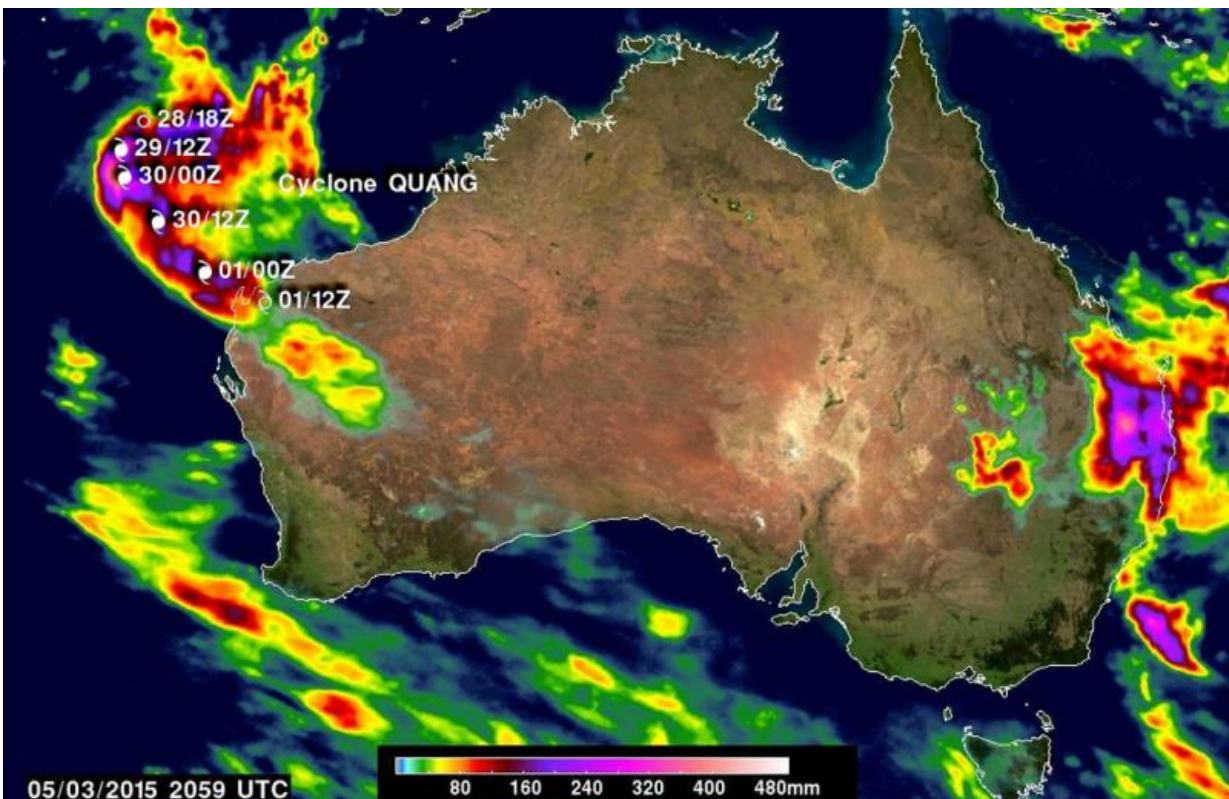


NASA IMERG sees Australia's bicoastal rainfall

May 5 2015, by Harold F. Pierce



The rainfall accumulation analysis above was computed from data generated by the Integrated Multi-satellite Retrievals for GPM (IMERG) during the period from April 28 to May 3, 2015. Credit: SSAI/NASA, Hal Pierce

The rainfall accumulation analysis above was computed from data generated by the Integrated Multi-satellite Retrievals for GPM (IMERG)

during the period from April 28 to May 3, 2015. During this period IMERG algorithms continuously merged and interpolated satellite passive microwave precipitation estimates and microwave-calibrated infrared (IR) satellite estimates over the entire globe.

Rainfall from cyclone Quang fell over the west coast and a non-tropical system pounded the east coast of Australia simultaneously during the past weekend. Cyclone Quang formed in the South Indian Ocean northwest of Australia on April 28, 2015. Quang's peak intensity of 115kts (133 mph) occurred while it was well off western Australia's coast. The heaviest rainfall with cyclone Quang also occurred during this period when the tropical cyclone was far out in the Indian Ocean northwest of Australia's coast. Total rainfall there was measured at over 454 mm (17.9 inches).

Heavy rainfall of over 448 mm (17.7 inches) was also found by this analysis in the Coral Sea off Australia's southeast coast. Rainfall totals of above 356 mm (14.0 inches) were analyzed with the passage of the low pressure center over southeastern Australia. Flooding in this area caused the reported deaths of at least four Australians.

Provided by NASA's Goddard Space Flight Center

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