

Typhoon Rai - Estimated Impacts

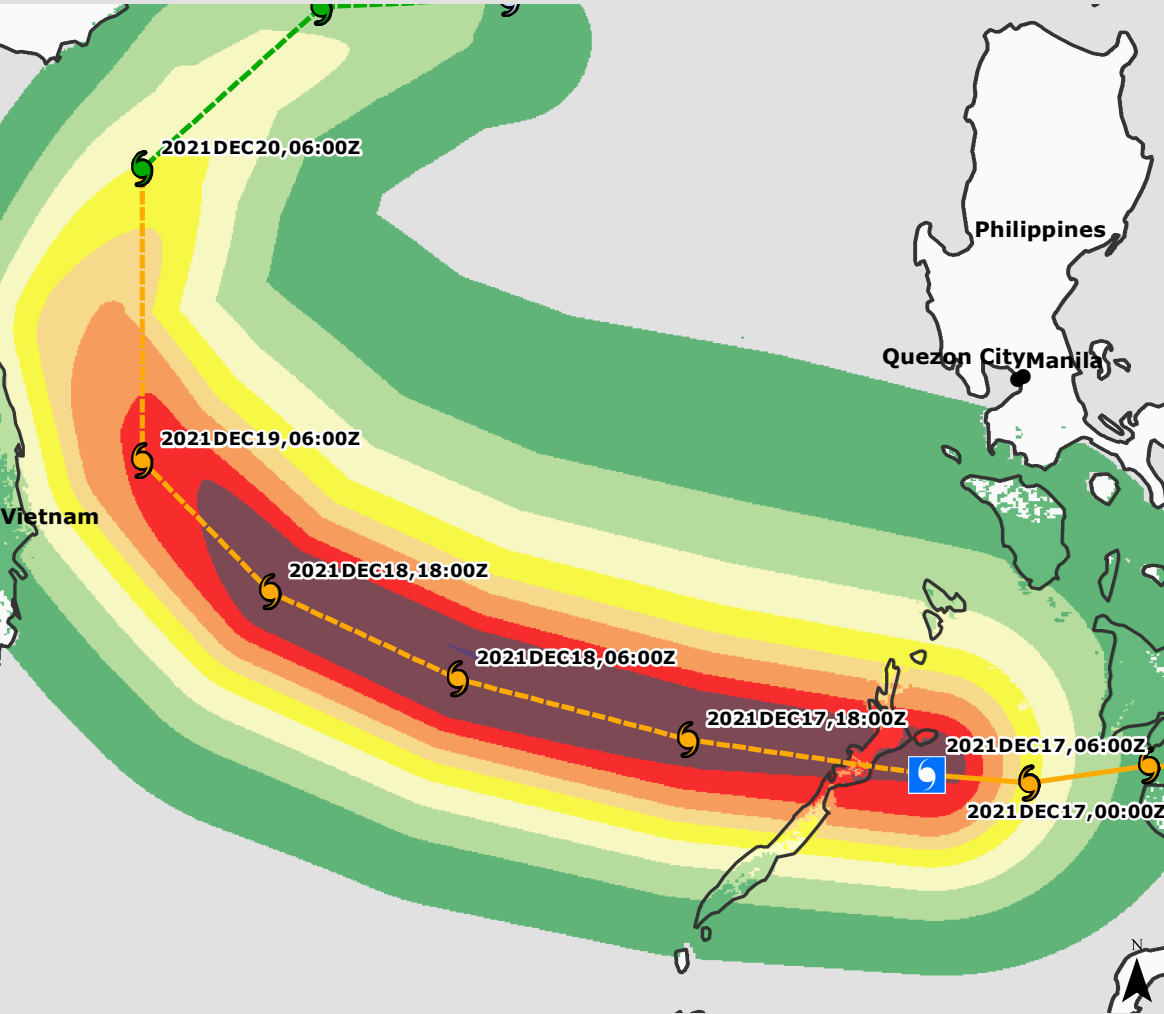
Warning 18, 17 December 2021 0900 UTC

PDC-28W-18A

JTWC Summary: TYPHOON 28W (RAI), LOCATED APPROXIMATELY 278 NM SOUTH- SOUTHWEST OF MANILA, PHILIPPINES, HAS TRACKED WESTWARD AT 12 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 170600Z IS 26 FEET. NEXT WARNINGS AT 171500Z, 172100Z, 180300Z AND 180900Z.



Estimated Wind Impacts

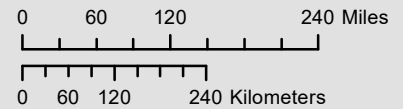


Tropical Cyclone Positions

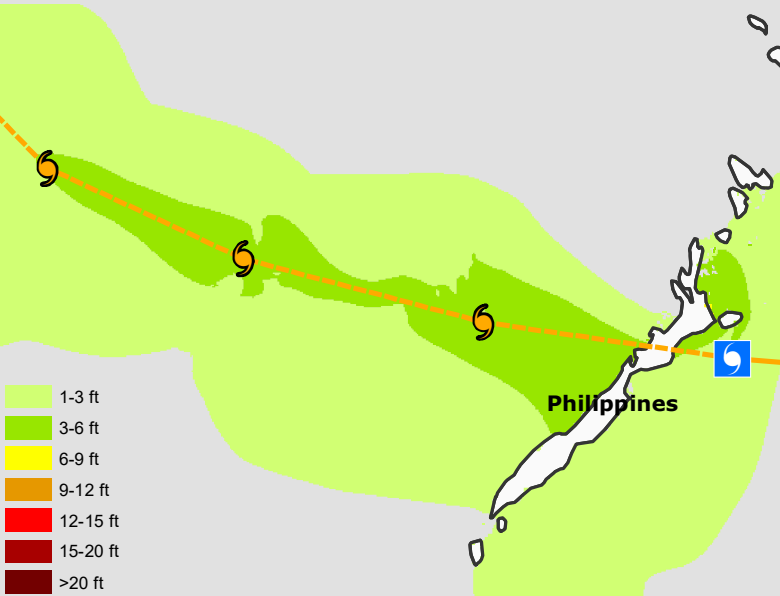
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

Est Wind Impacts (TAOS)

- Small Trees Sway
- Large Trees Sway
- Branches Breaking
- Trees Down; some power loss
- Minor Damage; power out
- Moderate Damage 5% of value
- Widespread Damage
- Severe Damage
- Catastrophic Damage

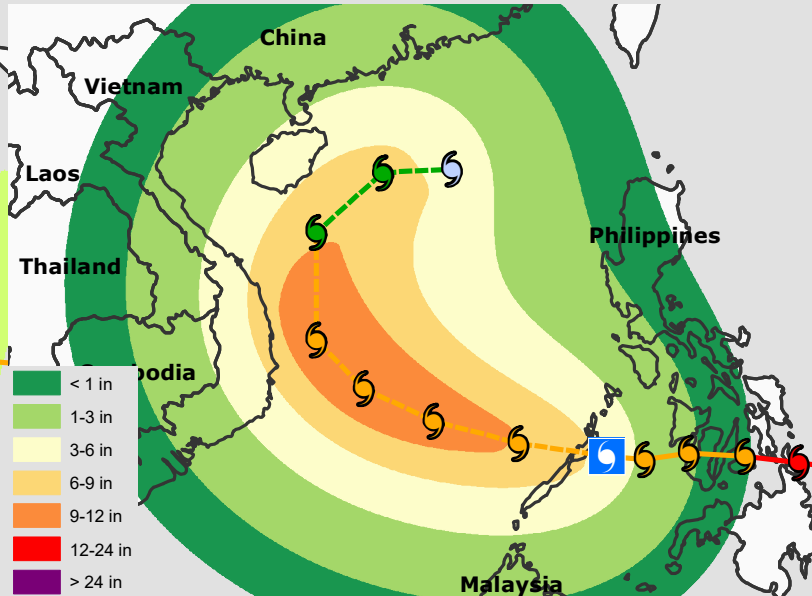


Estimated Still Water Storm Surge



- 1-3 ft
- 3-6 ft
- 6-9 ft
- 9-12 ft
- 12-15 ft
- 15-20 ft
- >20 ft

Estimated Tropical Cyclone Rainfall



- < 1 in
- 1-3 in
- 3-6 in
- 6-9 in
- 9-12 in
- 12-24 in
- > 24 in