

# Typhoon Rai - Estimated Impacts

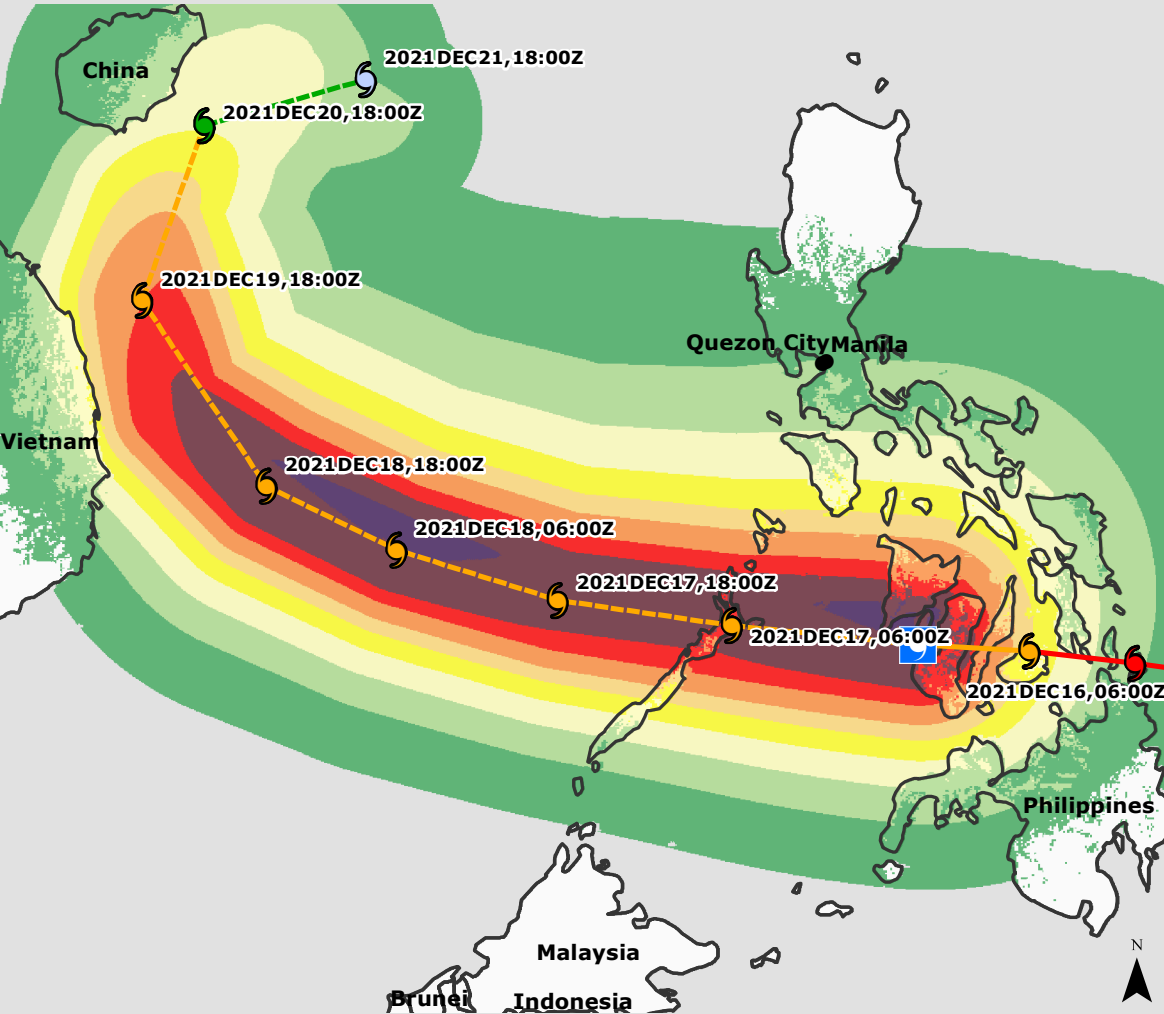
Warning 16, 16 December 2021 2100 UTC



PDC-28W-16A

JTWC Summary: TYPHOON 28W (RAI), LOCATED APPROXIMATELY 278 NM SOUTH- SOUTHEAST OF MANILA, PHILIPPINES, HAS TRACKED WESTWARD AT 18 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 161800Z IS 28 FEET. NEXT WARNINGS AT 170300Z, 170900Z, 171500Z AND 172100Z.

## Estimated Wind Impacts



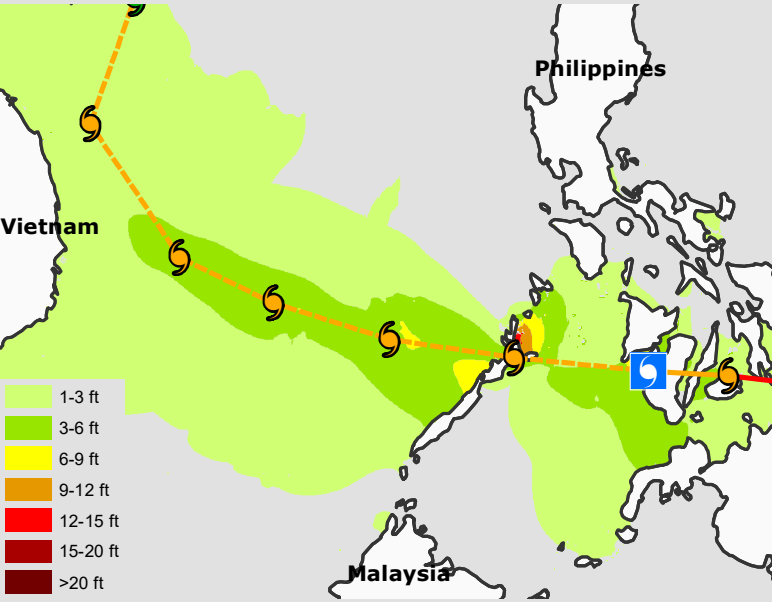
## Tropical Cyclone Positions

- 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



## Estimated Tropical Cyclone Rainfall

