

Typhoon Rai - Estimated Impacts

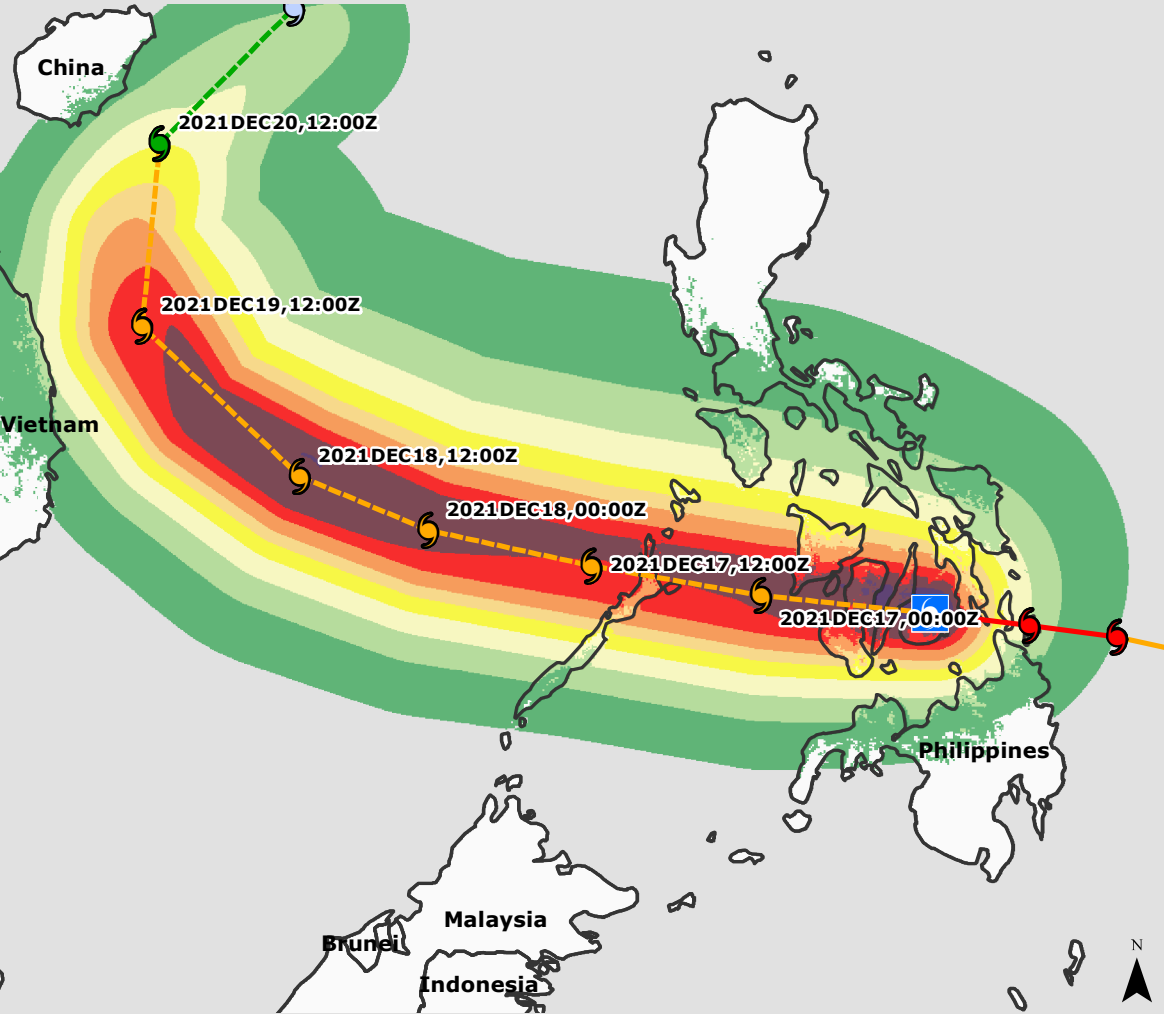
Warning 15, 16 December 2021 1500 UTC



PDC-28W-15A

JTWC Summary: TYPHOON 28W (RAI), LOCATED APPROXIMATELY 332 NM SOUTHEAST OF MANILA, PHILIPPINES, HAS TRACKED WESTWARD AT 17 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 161200Z IS 32 FEET. NEXT WARNINGS AT 162100Z, 170300Z, 170900Z AND 171500Z.

Estimated Wind Impacts

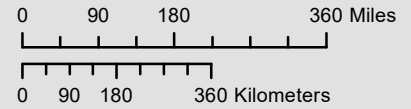


Tropical Cyclone Positions

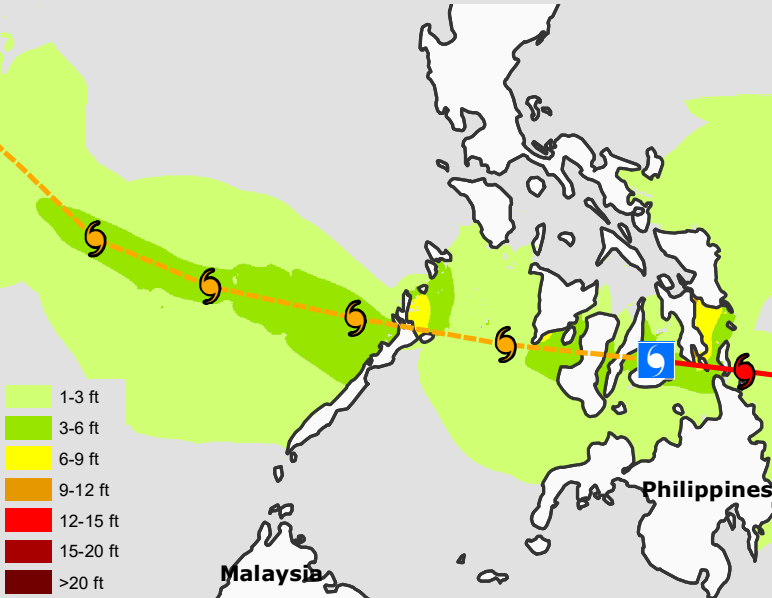
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

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

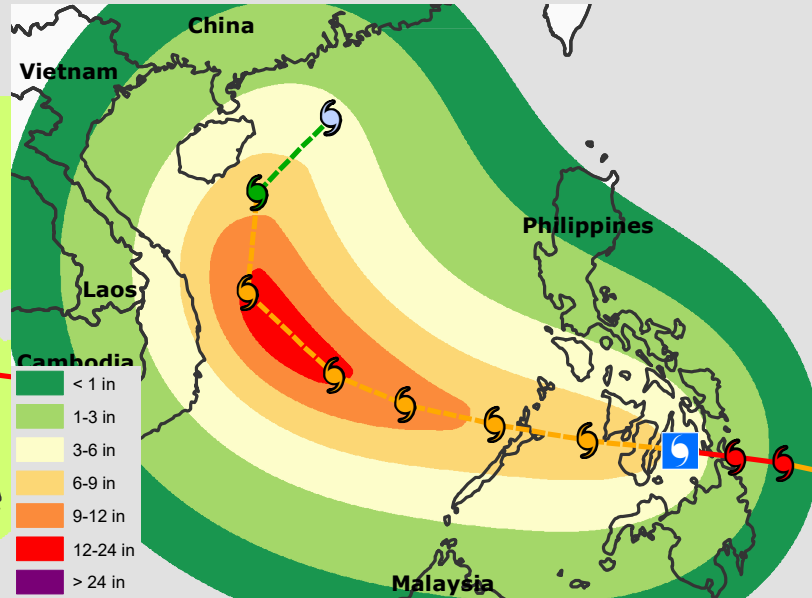


Estimated Still Water Storm Surge



- 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