

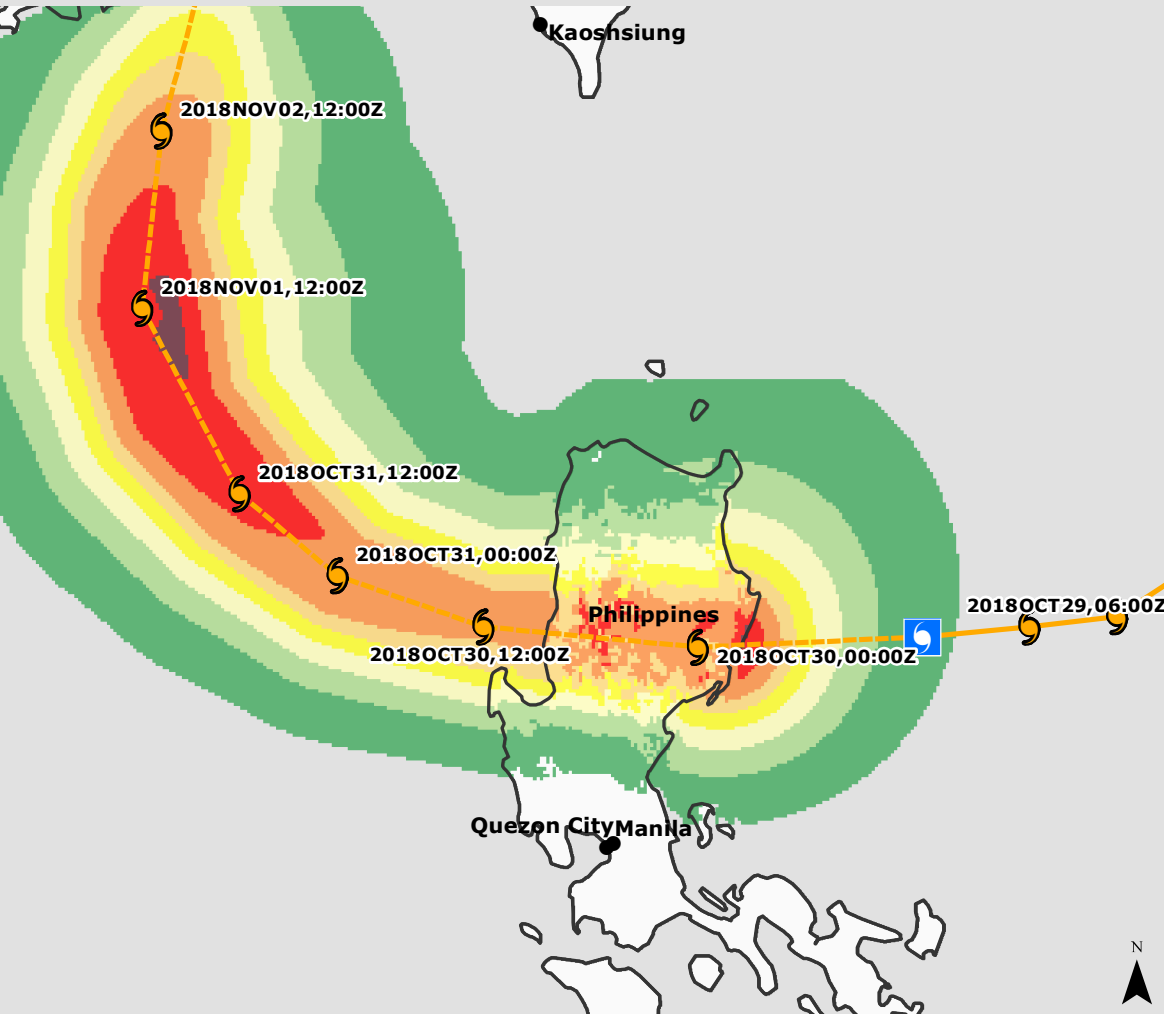
# Typhoon Yutu - Estimated Impacts

Warning 33, 29 October 2018 1500 UTC

PDC-31W-33A

JTWC Summary: TYPHOON 31W (YUTU), LOCATED APPROXIMATELY 224 NM NORTHEAST OF MANILA, PHILIPPINES, HAS TRACKED WESTWARD AT 11 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 291200Z IS 36 FEET. NEXT WARNINGS AT 292100Z, 300300Z, 300900Z AND 301500Z.

## Estimated Wind Impacts

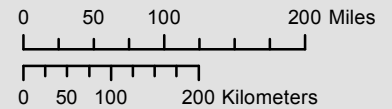


### Tropical Cyclone Positions

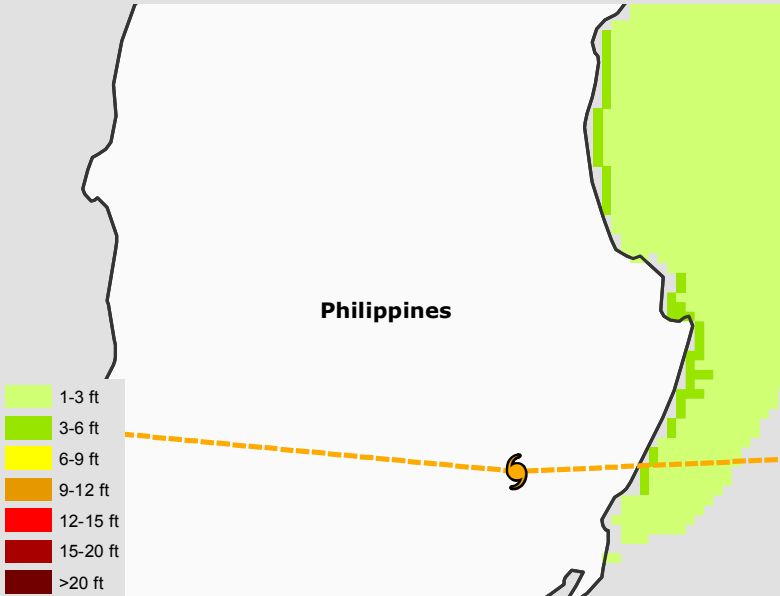
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

### 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

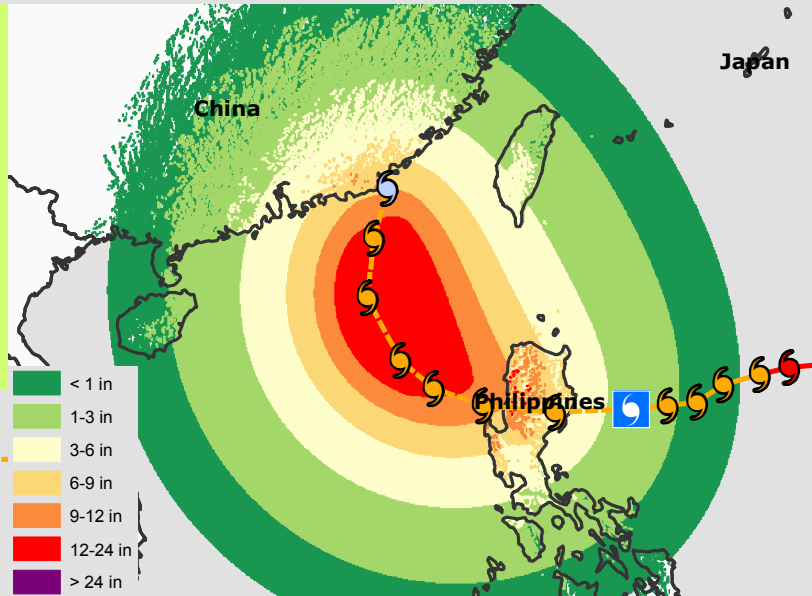


## Estimated Still Water Storm Surge



- 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