

Hurricane Willa - Estimated Impacts

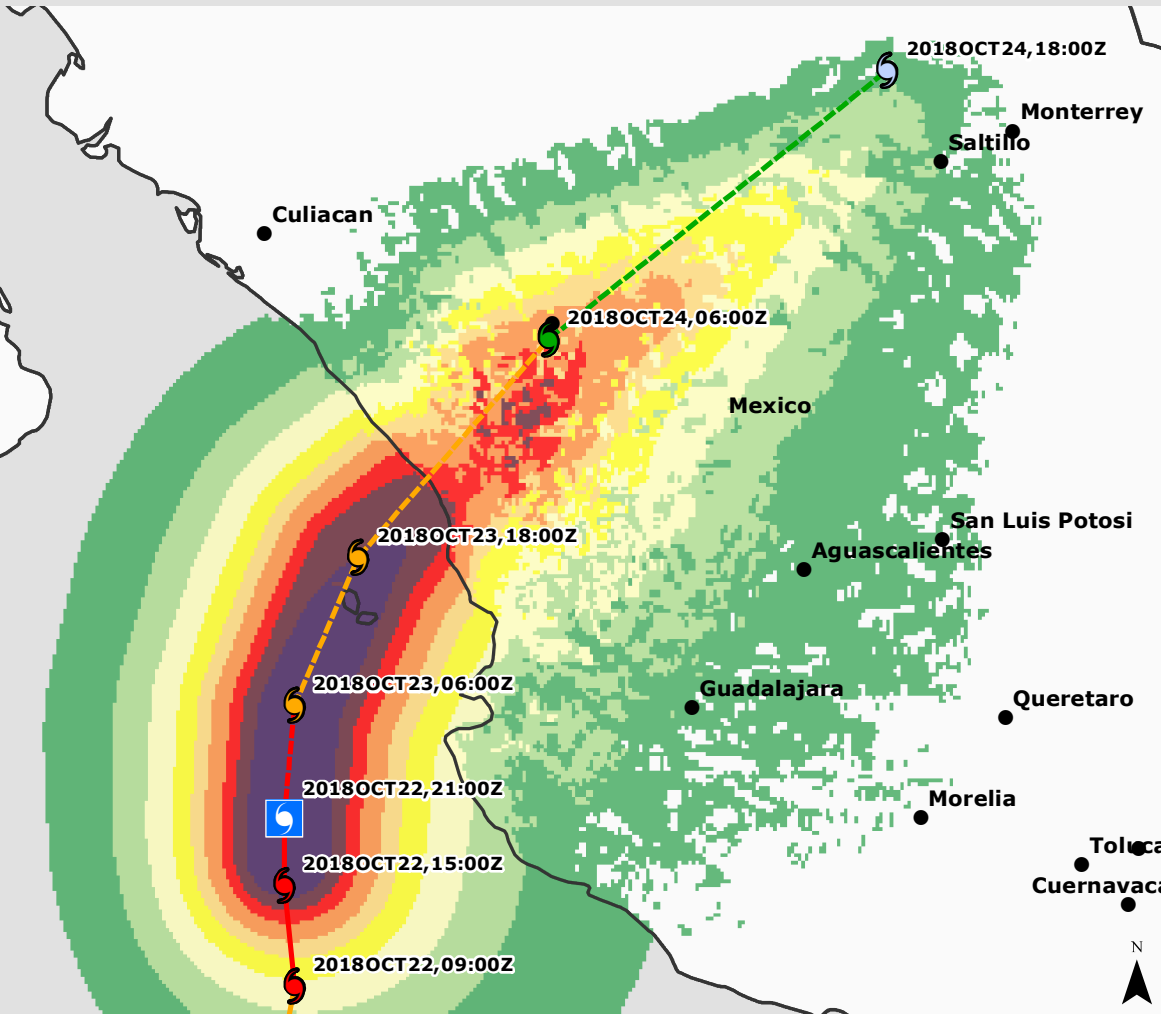
Advisory 11, 22 October 2018 2100 UTC



PDC-24E-11A

NWS Summary: At 300 PM MDT (2100 UTC), the center of Hurricane Willa was located near latitude 19.7 North, longitude 107.2 West. Willa is moving toward the north near 8 mph (13 km/h), and this general motion should continue tonight. Willa is forecast to accelerate toward the north-northeast and move over or very near the Islas Marias early Tuesday and make landfall along the west-central coast of mainland Mexico in the hurricane warning area Tuesday afternoon or evening. Maximum sustained winds are near 155 mph (250 km/h) with higher gusts. Willa is a category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale. Gradual weakening is forecast during the next day or so, but Willa is expected to be a dangerous major hurricane when it reaches the coast of Mexico. Rapid weakening is expected after landfall Tuesday night and Wednesday. Hurricane-force winds extend outward up to 35 miles (55 km) from the center and tropical-storm-force winds extend outward up to 125 miles (205 km). The estimated minimum central pressure is 929 mb (27.44 inches).

Estimated Wind Impacts

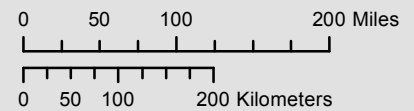


Tropical Cyclone Positions

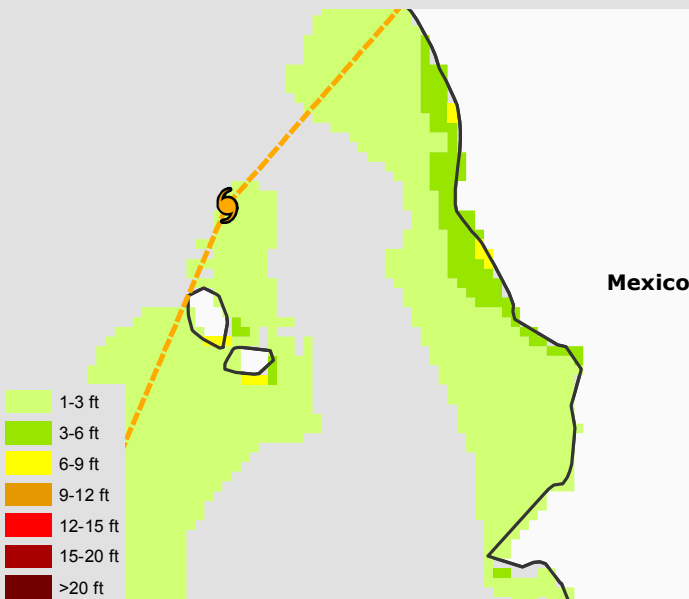
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

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

