

Hurricane Willa - Estimated Impacts

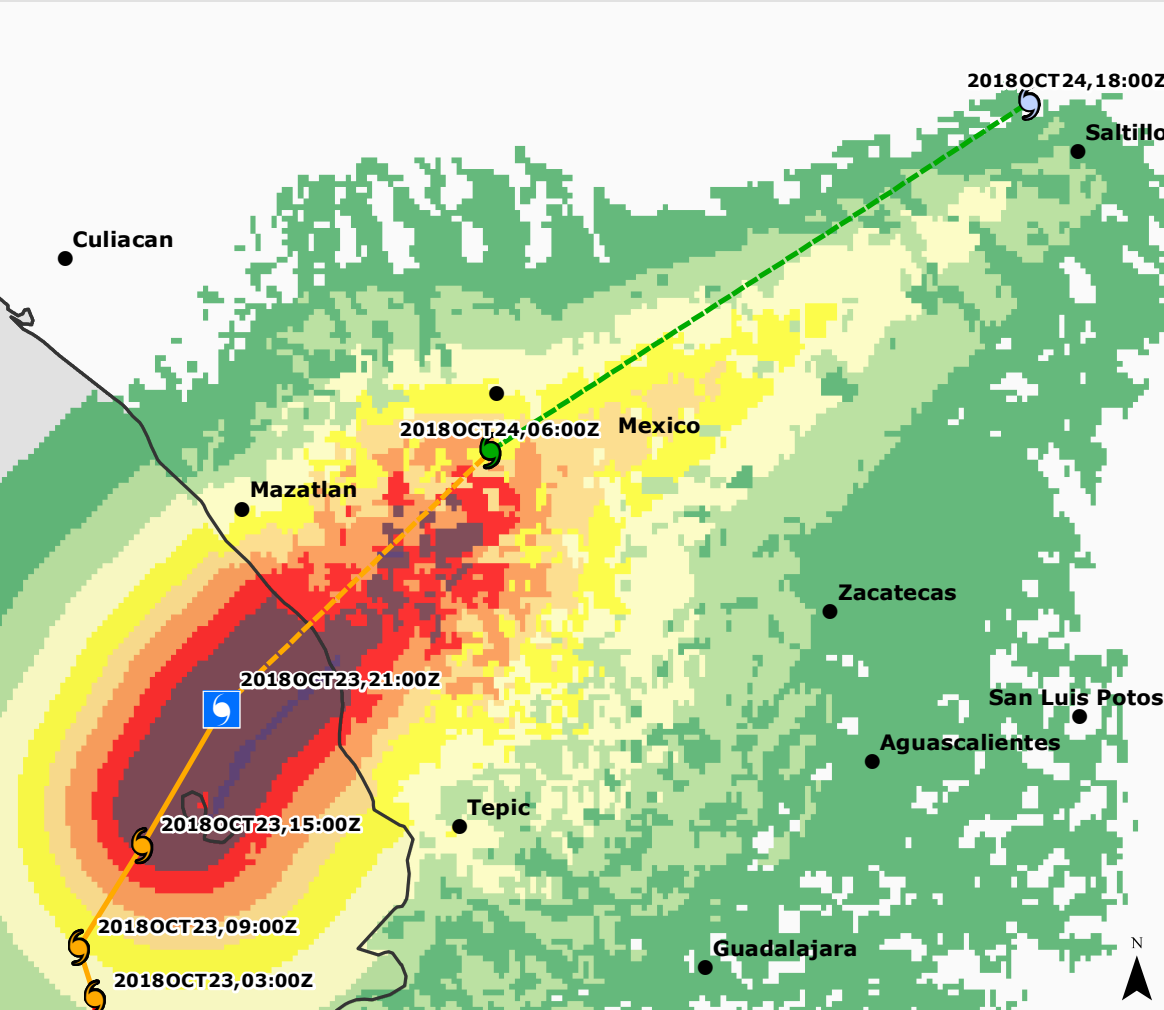
Advisory 15, 23 October 2018 2100 UTC



PDC-24E-15A

NWS Summary: At 300 PM MDT (2100 UTC), the center of Hurricane Willa was located near latitude 22.2 North, longitude 106.4 West. Willa is moving toward the north-northeast near 10 mph (17 km/h). A faster motion toward the northeast is expected tonight. On the forecast track, the center of Willa will approach the coast of west-central Mexico this afternoon, and make landfall within the hurricane warning area along the west-central coast of mainland Mexico early this evening. Maximum sustained winds are near 120 mph (195 km/h) with higher gusts. Willa is a category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale. Little change in strength is expected before Willa reaches the coast of Mexico. Rapid weakening is expected after landfall and Willa is expected to dissipate over northern Mexico on Wednesday. Hurricane-force winds extend outward up to 35 miles (55 km) from the center and tropical-storm-force winds extend outward up to 115 miles (185 km). An automated observing site on Las Islas Marias recently reported a sustained wind of 88 mph (142 km/h) with a gust to 112 mph (180 km/h). The estimated minimum central pressure is 965 mb (28.50 inches).

Estimated Wind Impacts

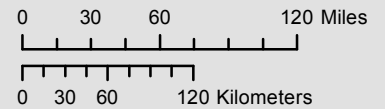


Tropical Cyclone Positions

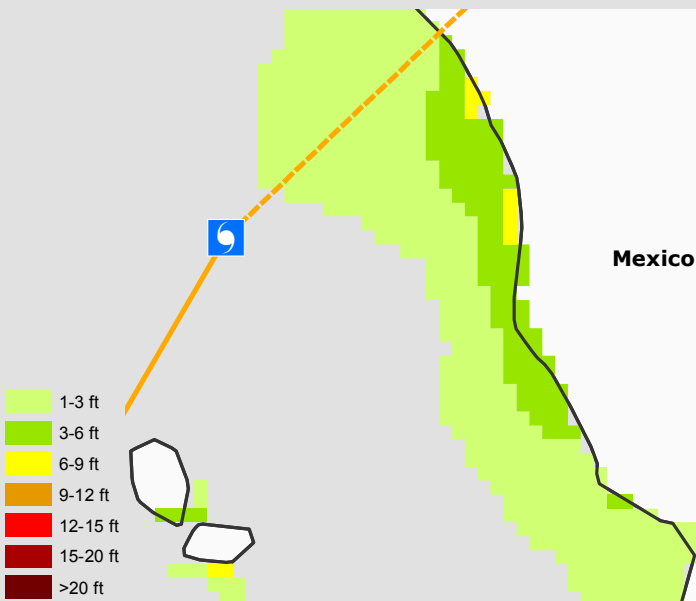
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

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

