

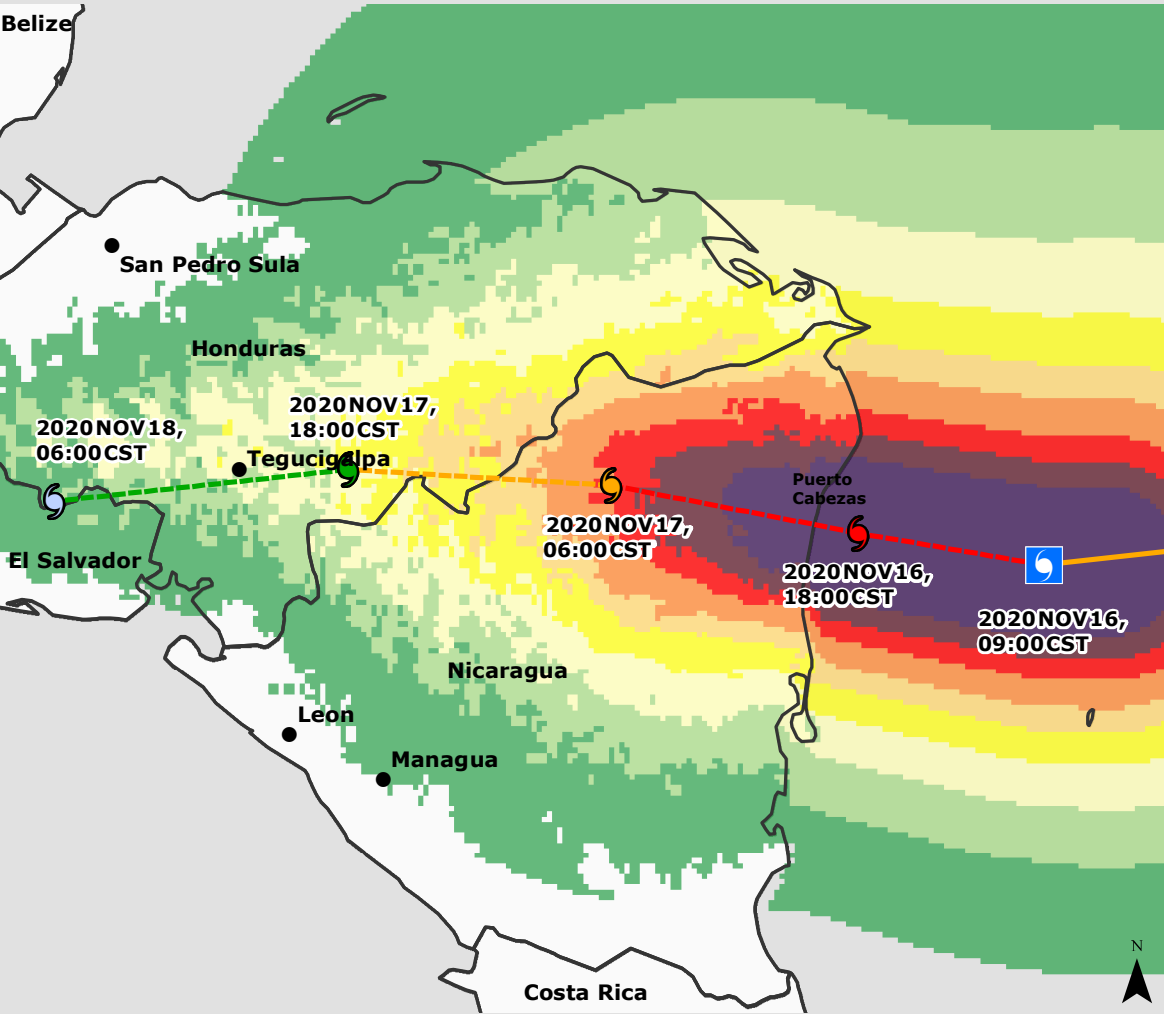
# Hurricane Iota - Estimated Impacts

## Advisory 13, 16 November 2020 0900 CST (1500 UTC)

PDC-31A-13A

NWS Summary: At 1000 AM EST (1500 UTC), the eye of Hurricane Iota was located by an Air Force Reserve Hurricane Hunter aircraft near latitude 13.5 North, longitude 82.0 West. Iota is moving toward the west near 9 mph (15 km/h), and this general motion is forecast through landfall. After landfall, a westward to west-southwestward motion is expected. On the forecast track, the core of Iota will make landfall within the hurricane warning area in northeastern Nicaragua tonight, and will dissipate over central America by Wednesday. Maximum sustained winds are near 160 mph (260 km/h) with higher gusts. Iota is forecast to continue to be a catastrophic category 5 hurricane when it approaches Central America tonight, and rapid weakening is expected after landfall. Hurricane-force winds extend outward up to 35 miles (55 km) from the center and tropical-storm-force winds extend outward up to 150 miles (240 km). The estimated minimum central pressure is 917 mb (27.08 inches) based on Air Force reconnaissance data.

### Estimated Wind Impacts



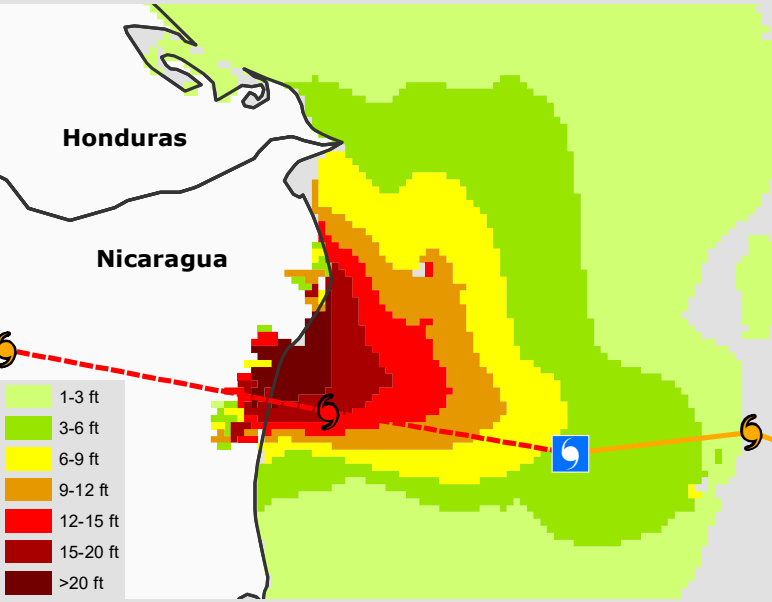
### Tropical Cyclone Positions

- 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

