

# Hurricane Delta - Estimated Impacts

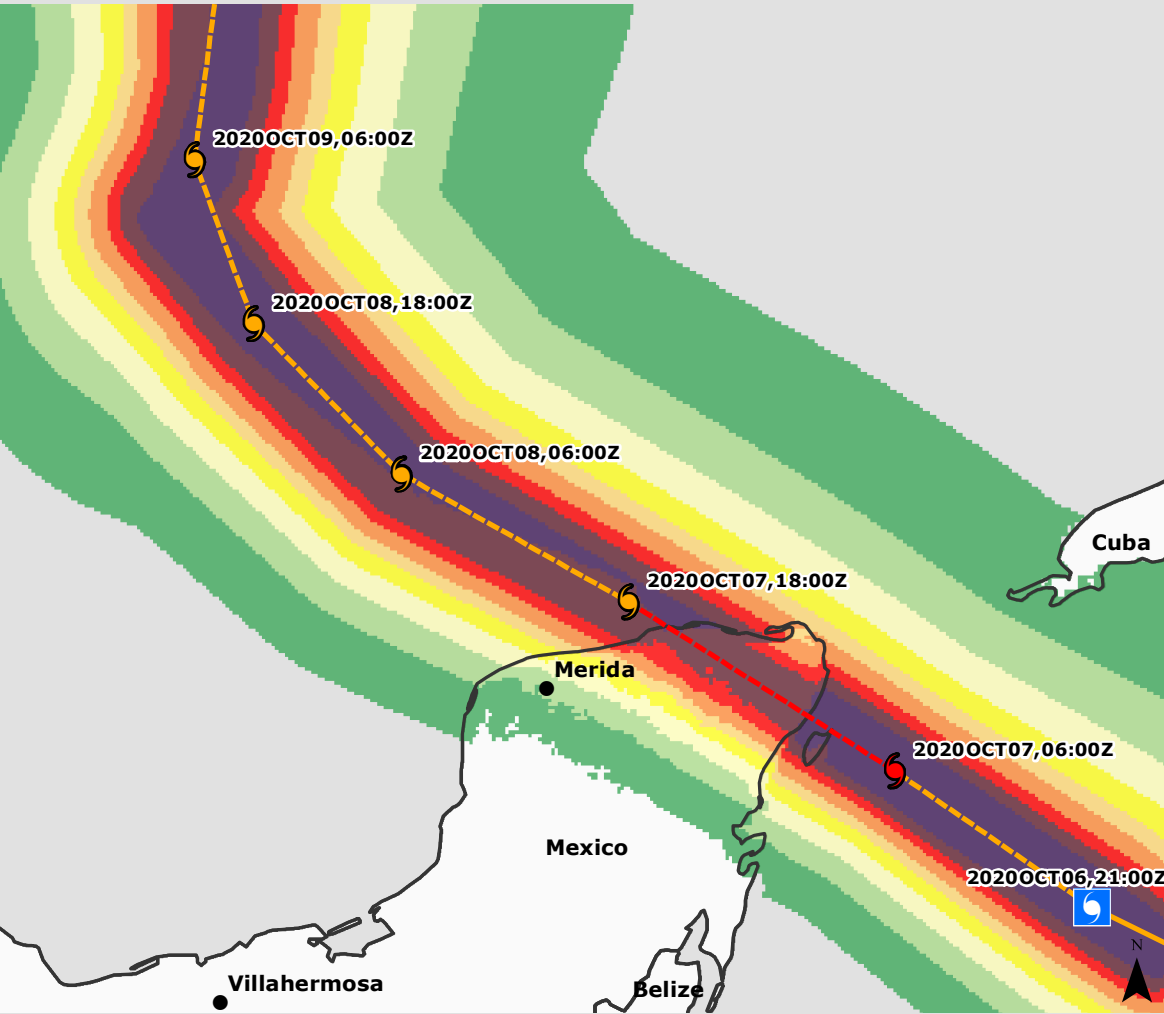
Advisory 9, 06 October 2020 2100 UTC



PDC-26A-9A

NWS Summary: At 500 PM EDT (2100 UTC), the center of Hurricane Delta was located near latitude 18.9 North, longitude 84.1 West. Delta is moving toward the west-northwest near 17 mph (28 km/h). A west-northwestward to northwestward motion is expected over the next couple of days. A slower northwestward to north-northwestward motion is forecast to begin on Thursday, and a northward motion is expected Thursday night and Friday. On the forecast track, the center of Delta will move over the northeastern portion of the Yucatan peninsula late tonight or early Wednesday. Delta is forecast to move over the southern Gulf of Mexico Wednesday afternoon, and be over the southern or central Gulf of Mexico through Thursday, and approach the northern Gulf coast on Friday. Maximum sustained winds have increased to near 145 mph (230 km/h) with higher gusts. Delta is a category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale. Some additional strengthening is possible before the center reaches the coast Yucatan peninsula Wednesday. Although some weakening is likely when Delta moves over the Yucatan peninsula, re-strengthening is forecast when the hurricane moves over the southern Gulf of Mexico Wednesday night and Thursday. Hurricane-force winds extend outward up to 30 miles (45 km) from the center and tropical-storm-force winds extend outward up to 105 miles (165 km). The estimated minimum central pressure is 956 mb (28.23 inches).

## Estimated Wind Impacts

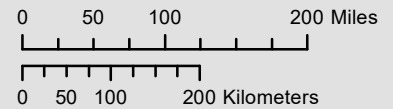


### Tropical Cyclone Positions

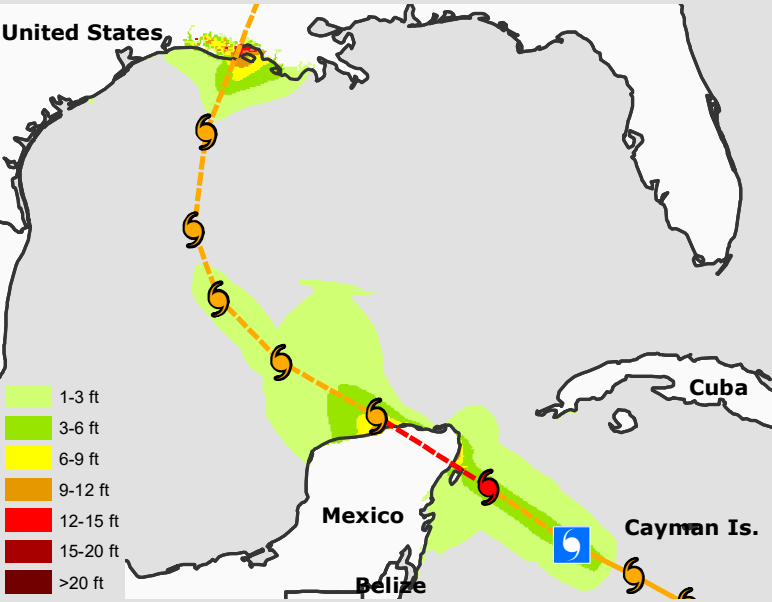
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

### 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

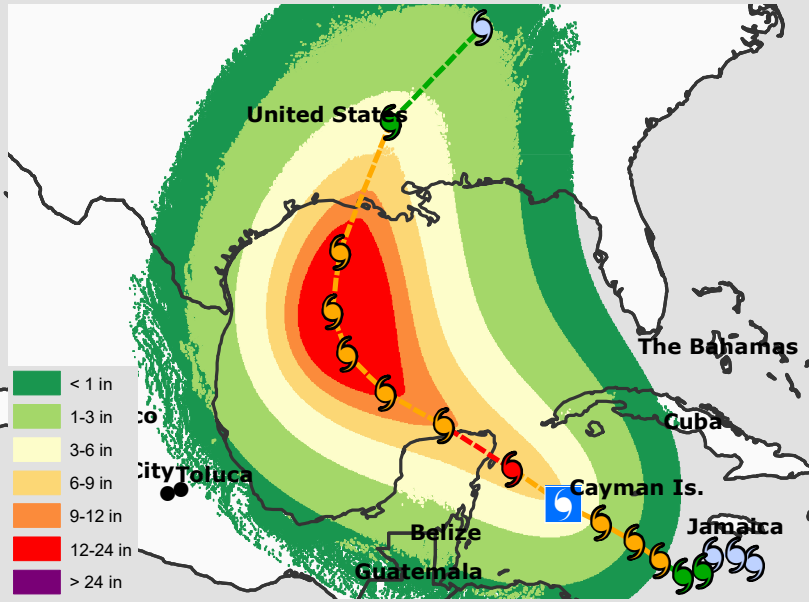


## Estimated Still Water Storm Surge



- 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