

## Scenario 1: Hurricane

### SITUATION:

For the last 3 days, the National Weather Service's National Hurricane Center (NHC) has been monitoring Hurricane Luke. NHC posted a hurricane watch at 6:00 p.m. yesterday. At 6:00 a.m. this morning, NHC issued a hurricane warning for a 300-mile stretch of the coast. Luke is considered a very dangerous hurricane, with 140-mph winds, and is forecast to cross the coast at high tide, causing a storm surge of 8 to 12 feet above normal tide levels. Resort areas with large tourist populations are particularly vulnerable. Access roads are narrow and only 3 to 6 feet above mean sea level.

On its present course, the hurricane is expected to make landfall tomorrow at approximately 4:00 a.m. Flooding from rising tides and the onset of high winds could affect roads and bridges by this evening.

Your jurisdiction is within the warning area. Elected officials and agency heads have been notified. News media have also been broadcasting the warning. The local emergency manager met with all appropriate emergency service personnel at 7:30 a.m.

### ASSUMED CONDITIONS:

[NOTE: This activity is designed without a specified size of the impacted community.]

In addition to those decisions made on the scene, this activity assumes that there will also be some decision-making at an EOC. The following events have been identified as critical to this scenario:

- Evacuation of low-lying areas, camping areas, and trailer parks
- School officials advising of early dismissal or cancellation
- Major traffic congestion along main highways and bridges
- Nearest shelters filling rapidly
- Utilities threatened and/or disrupted
- A bridge on one of the evacuation routes under repair and one lane blocked
- Trees downed, power poles snapped, and other debris scattered so that roads are blocked and damaged
- Casualties at a damaged shelter, requiring an EMS and fire response
- Fire, explosion, and hazardous materials incidents in a port and a refinery
- Flooding at municipal water treatment plant causing contamination of water
- Flooding of some of the access roads, and one small bridge washed out
- Several Incident Command Posts having been set up