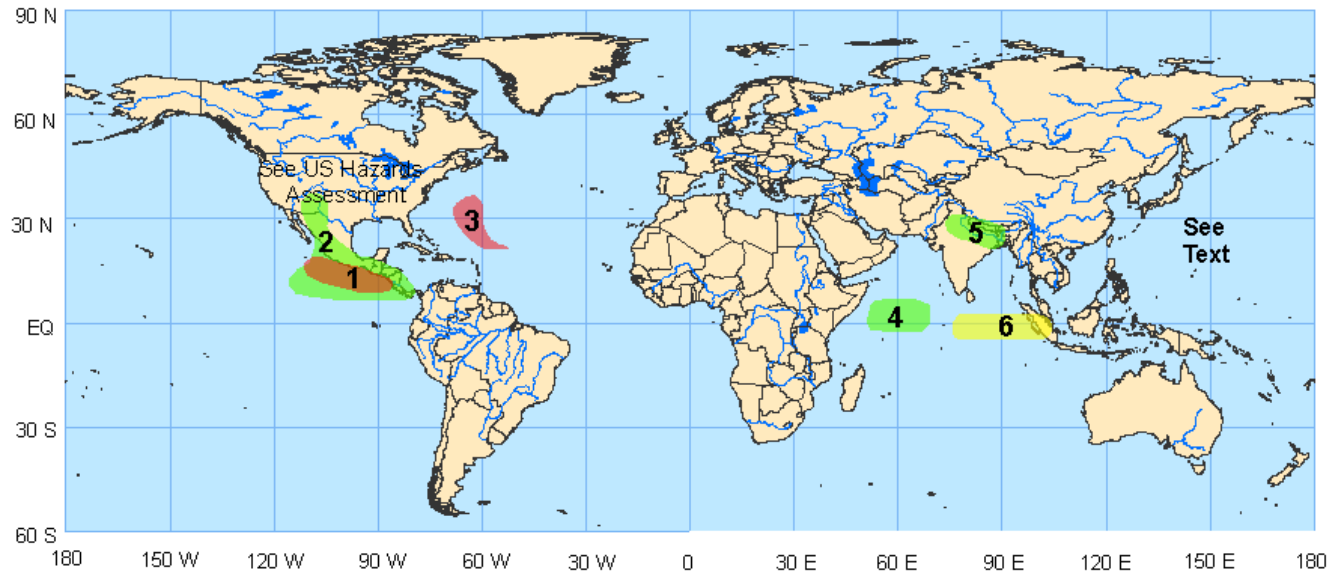


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
July 7, 2008

Issued: 7/7

Week 1 Outlook – Valid: July 8 - 14, 2008



- 1. Favorable conditions exist for tropical cyclogenesis across the far eastern Pacific Ocean.** Continued very active convection, areas of above average SSTs and regions of expected weak to moderate wind shear continue the threat for tropical development during the upcoming period – although the region is expected to be limited to areas just west of Mexico and Central America. **Confidence: High**
- 2. An increased chance for above-average rainfall for the eastern Pacific, Central America, Mexico and southwest US.** A continued very active North American monsoon system, potential tropical cyclone development and anomalous low-level convergence are expected to continue enhance rainfall in this region. **Confidence: High**
- 3. Hurricane Bertha** is expected to slowly curve to the northwest and then north towards Bermuda and impact Atlantic waters with very heavy rain, strong winds and high seas. Some strengthening is forecast during the period.
- 4. An increased chance for above-average rainfall for the western Indian Ocean.** Above-average SSTs and interaction with the extratropics are expected to continue enhanced rainfall in this region. **Confidence: Moderate**
- 5. An increased chance for above-average rainfall for northeastern sections of India and neighboring areas.** A continued enhanced Somali Jet and interaction with the extratropics is expected to result in wet conditions across this region. **Confidence: Moderate**
- 6. An increased chance for below-average rainfall for the eastern Indian Ocean.** Continuation of a persistent regional scale circulation and areas of below average SSTs are expected to result in dry conditions across this area. **Confidence: Moderate**

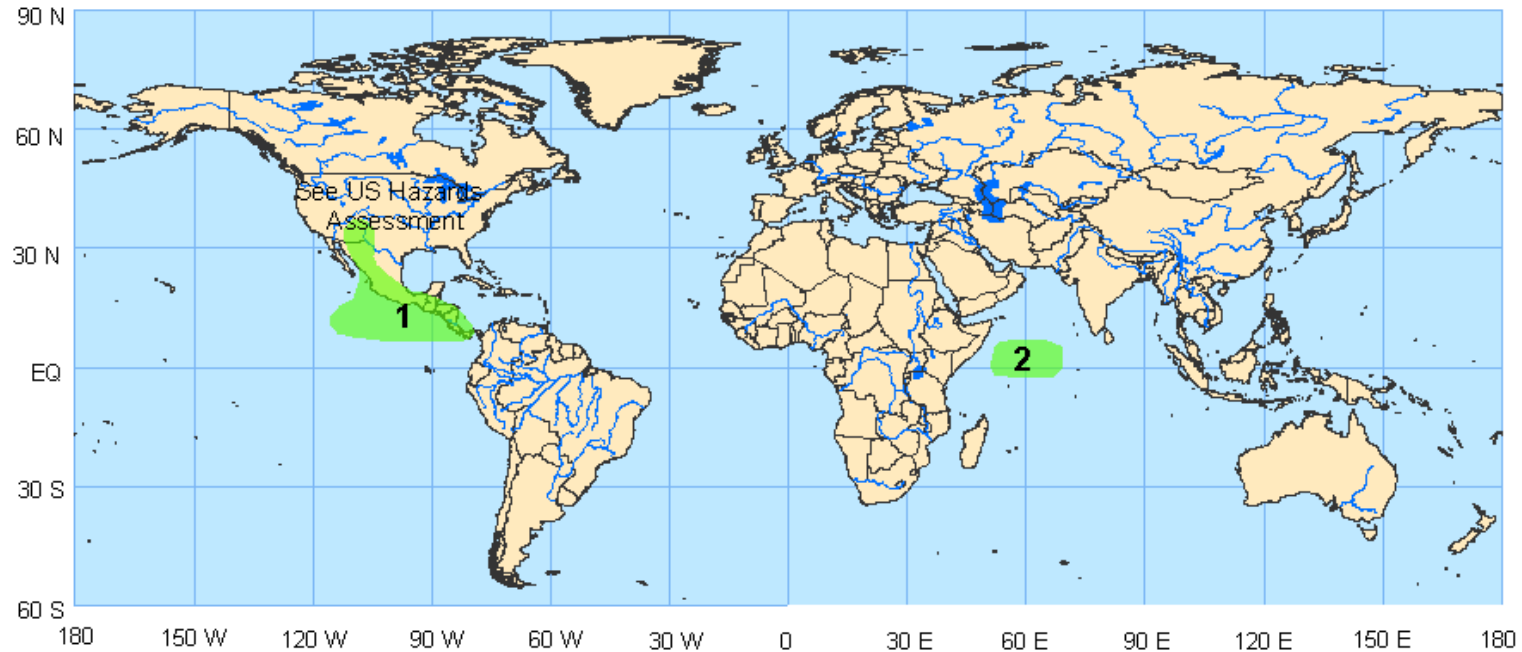
SEE TEXT ITEMS:

Tropical cyclogenesis at higher latitudes in the western Pacific basin is possible due to the continuation of persistent surface low pressure and some numerical guidance indicates this potential. If development occurs it is likely to be a weaker hybrid type system and the risk is currently considered low.

Please note: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.

Issued: 7/7

Week 2 Outlook – Valid: July 15 – 21, 2008



1. An increased chance for above-average rainfall for the eastern Pacific, Central America, Mexico and southwest US. A continued very active North American monsoon system and anomalous low-level convergence are expected to continue enhance rainfall in this region. **Confidence: Moderate**

2. An increased chance for above-average rainfall for the western Indian Ocean. Above-average SSTs and interaction with the extratropics are expected to continue enhanced rainfall in this region. **Confidence: Moderate**

Please note: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.