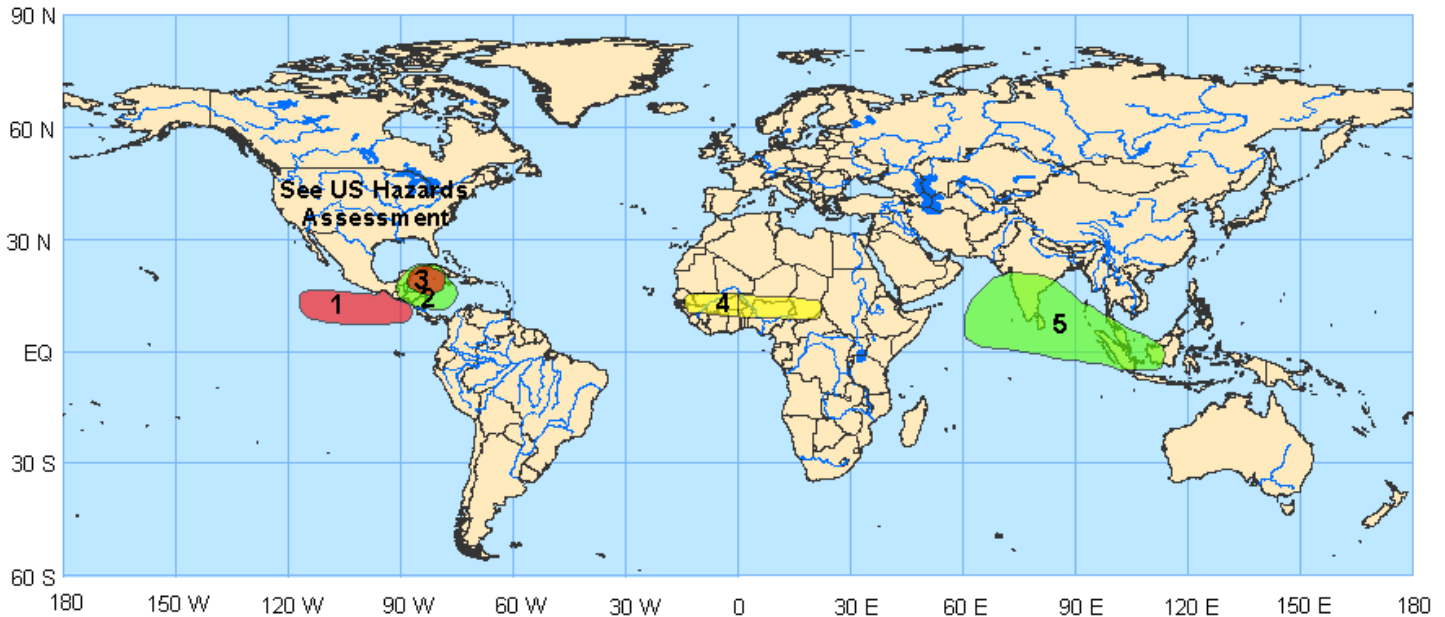


Experimental Global Tropics  
Hazards/Benefits Assessment

Update prepared by:  
Climate Prediction Center / NCEP  
June 11, 2007

## Week 1 Outlook – Valid: June 12-18, 2007



**1. Favorable conditions for tropical cyclogenesis across the eastern Pacific Ocean.** Active convection, above average SSTs, and anticipated weak vertical wind shear make the development of a tropical cyclone possible during the upcoming period. In addition, tropical depression 3E is expected to strengthen to tropical storm status in the western areas of this region.

**Confidence: Moderate**

**2. An increased chance for above-average rainfall for Central America, sections of the Caribbean Sea, and western Cuba.** Anomalous low-level convergence and above average SSTs are expected to enhance rainfall in this region.

**Confidence: High**

**3. Favorable conditions for tropical cyclogenesis across the western Caribbean Sea.** Active convection, above average SSTs, and anticipated weak vertical wind shear make the development of a tropical cyclone possible during the upcoming period. In addition, some weather forecast models indicate the potential development of a tropical system in this area.

**Confidence: Low**

**4. An increased chance for below-average rainfall for the Sahel section of Africa.** SSTs have been persistently above average in the Gulf of Guinea for some time. Dry conditions are typically observed across sections of the Sahel when SSTs in this region are above average.

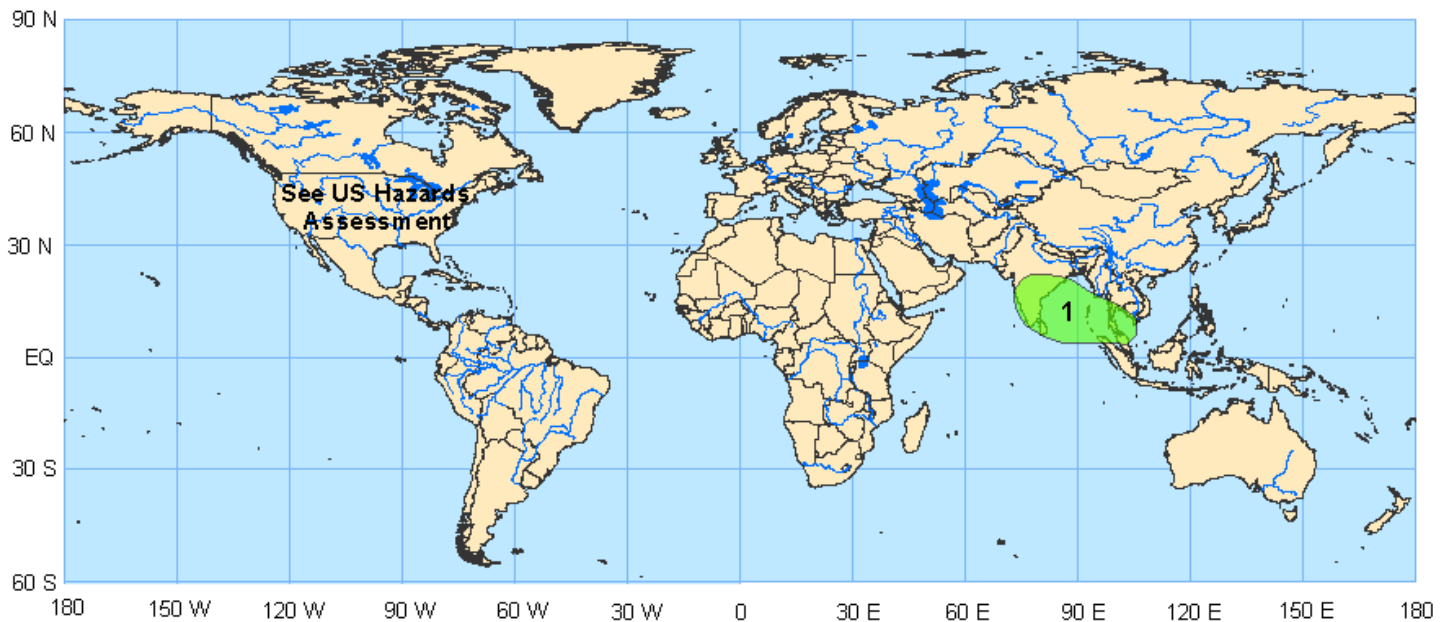
**Confidence: Moderate**

**5. An increased chance of above-average rainfall for sections of the Arabian Sea, the southern half of India, the Bay of Bengal and the western Maritime continent.** A favorable large-scale environment for convection (in part associated with a weak MJO signal), above average SSTs across much of the Arabian Sea and Indian Ocean, and an active Indian monsoon are expected to enhance rainfall in these areas.

**Confidence: High**

**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.

## Week 2 Outlook – Valid: June 19-25, 2007



- 1. An increased chance for above-average rainfall for sections of the southern half of India and the Bay of Bengal.** A favorable large-scale environment for convection (in part associated with a weak MJO signal), above average SSTs across sections of the Bay of Bengal and an active Indian monsoon are expected to enhance rainfall in these areas.  
**Confidence: 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.