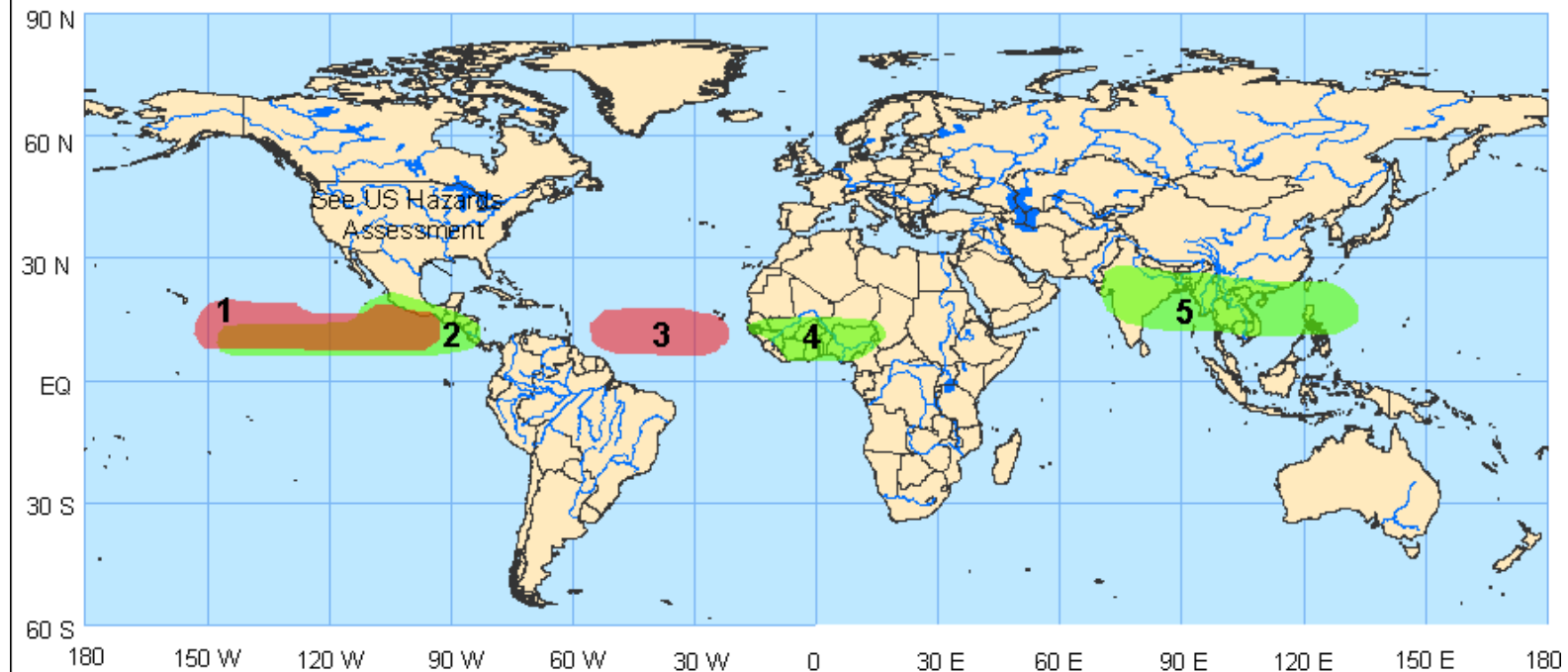


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
August 11, 2008

Issued: 8/11

Week 1 Outlook – Valid: Aug 12 – Aug 18, 2008



1. An increased chance for tropical activities for the eastern Pacific. Continued evolution of tropical storm Hernan, the active Inter-Tropical Convergence Zone (ITCZ), areas of above-average SST's and continued generally weak vertical wind shear continue the threat for development in this region. Numerical forecast guidance also indicates the likelihood for additional development. **Confidence: High**

2. An increased chance for above-average rainfall for the eastern Pacific Ocean and parts of Mexico and Central America. An active Inter-Tropical Convergence Zone (ITCZ), anticipated tropical cyclone activity and favorable low-level winds increase the chances for wet conditions. **Confidence: Moderate**

3. An increased chance for tropical genesis for the Atlantic. Continued evolution of the existing low-pressure systems and above-average SST's favors development of tropical storms in this region. **Confidence: Moderate**

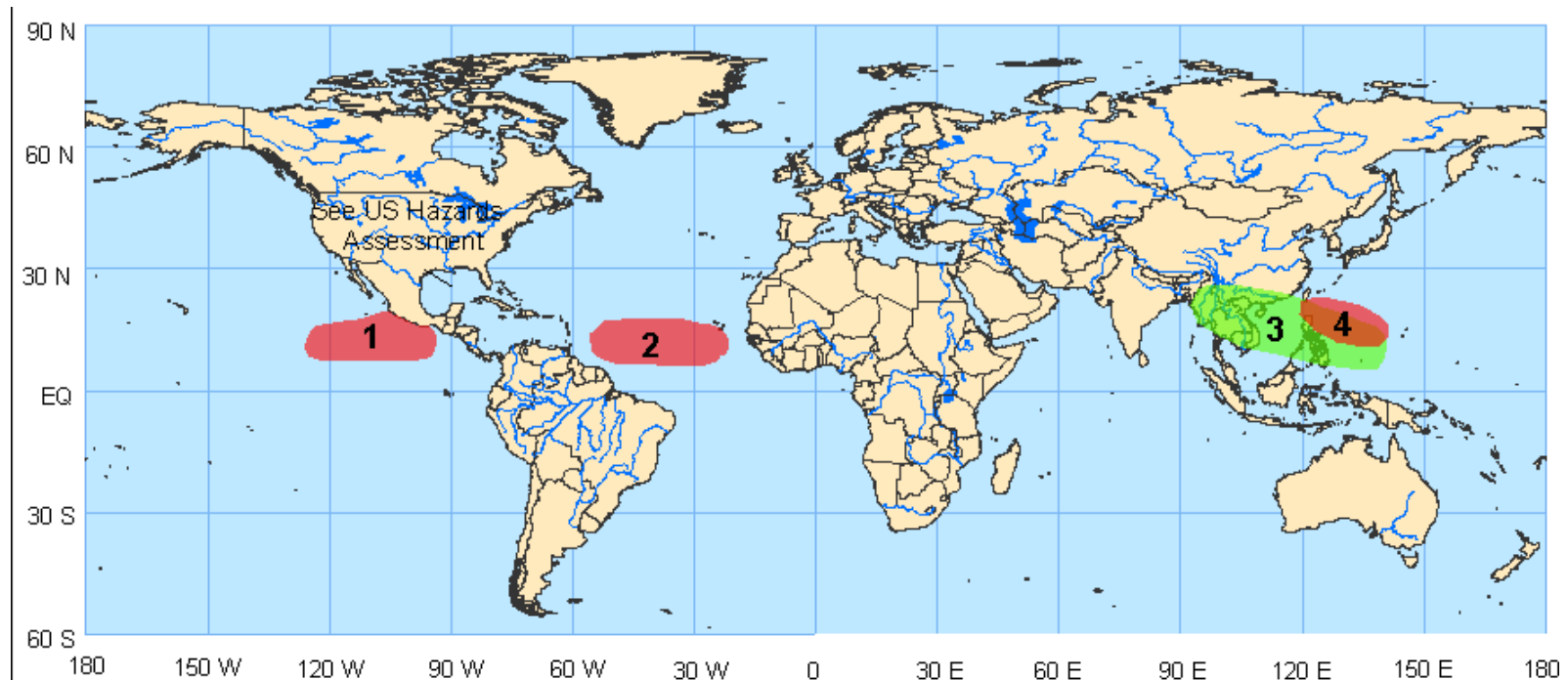
4. An increased chance for above-average rainfall over the Sahel and the Gulf of Guinea region. Favorable low-level westerly wind anomalies over equatorial western Atlantic and a warm Gulf of Guinea associated with an enhanced West African Monsoon are expected to increase precipitation over the region. **Confidence: Moderate**

5. An increased chance for above-average rainfall for parts of India, the Bay of Bengal, and Southeast Asia. Enhanced convection associated with the Asian monsoon is expected to persist and lead to enhanced rainfall across parts of 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.

Issued: 8/11

Week 2 Outlook – Valid: Aug 19 – Aug 25, 2008



- 1. An increased chance for tropical cyclogenesis for the eastern Pacific.** An active Inter-Tropical Convergence Zone (ITCZ), areas of above-average SST's and continued generally weak vertical wind shear continue the threat for development in this region. Numerical forecast guidance also indicates the possibility for additional development. **Confidence: Moderate**
- 2. An increased chance for tropical genesis for the Atlantic.** Continued evolution of the existing low-pressure systems and above-average SST's favors development of tropical storms in this region. **Confidence: Moderate**
- 3. An increased chance for above-average rainfall for parts of East Asia and the northwest Pacific.** Continued evolution of large-scale circulation and local above-average SSTs are expected to enhance rainfall across parts of this region. **Confidence: Moderate**
- 4. An increased chance for tropical genesis across the northwest Pacific.** Low-level cyclonic circulation associated with enhanced convection and local above-average SST's favors development of tropical storms 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.