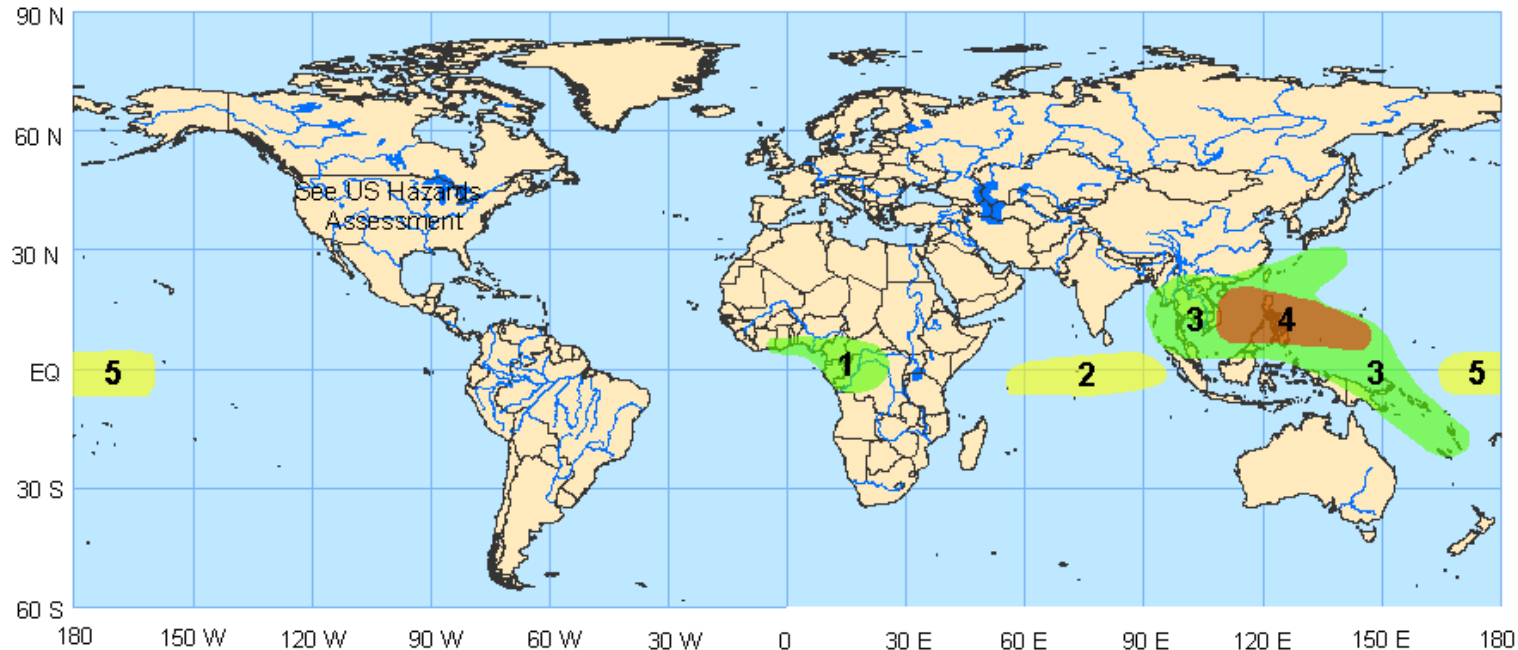
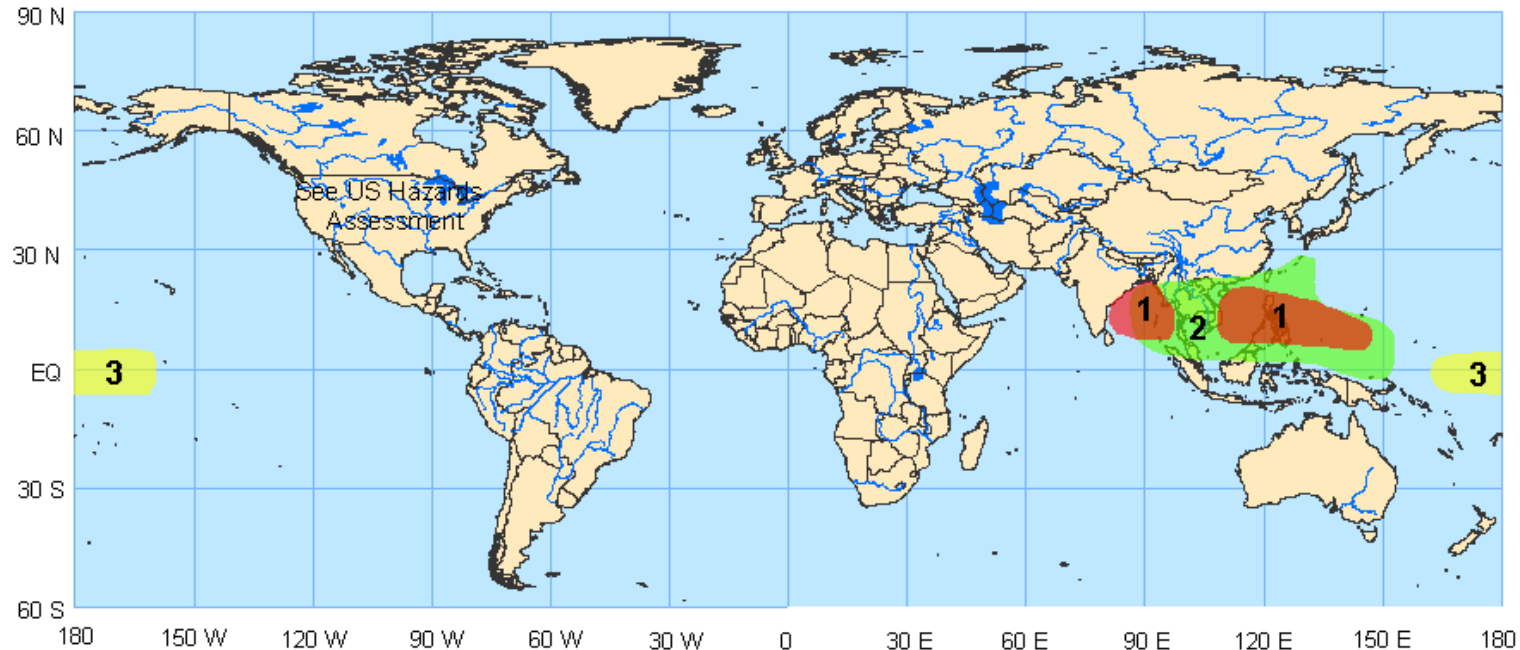


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
May 5, 2008



- 1. An increased chance of above-average rainfall for the Gulf of Guinea and equatorial interior regions of Africa.** Strong anomalous low-level convergence and locally warm SSTs are expected to result in wet conditions in this region during the period. **Confidence: High**
- 2. An increased chance for below-average rainfall for sections of the equatorial Indian Ocean.** Regional scale subsidence and below-average SSTs are expected to result in drier than average conditions during the period. **Confidence: Moderate**
- 3. An increased chance for above-average rainfall stretching from the Bay of Bengal across southeast Asia into the western Pacific.** Wet conditions are expected in this area due to a combination of the continuation of La Nina conditions, interaction between tropical moisture and the extratropical circulation and anticipated tropical cyclone activity. Numerical weather forecast guidance continues to indicate very wet conditions in this region during the period. **Confidence: High**
- 4. Favorable conditions exist for tropical cyclogenesis for the South China Sea and the western Pacific east of the Philippines.** Active convection, increasing low-level westerly flow near the equator and generally low vertical wind shear make cyclogenesis more likely during the period. **Confidence: High**
- 5. An increased chance for below-average rainfall over the central equatorial Pacific.** Dry conditions are expected to persist due to continuing La Nina conditions. **Confidence: High**



1. Favorable conditions exist for tropical cyclogenesis for the Bay of Bengal, South China Sea and the western Pacific east of the Philippines. Active convection, increasing low-level westerly flow near the equator and areas of generally low vertical wind shear make cyclogenesis more likely during the period across these areas. **Confidence: Moderate**

2. An increased chance for above-average rainfall stretching from the Bay of Bengal across southeast Asia into the western Pacific including the Philippine Islands. Wet conditions are expected in this area due to a combination of the continuation of La Nina conditions, interaction between tropical moisture and the extratropical circulation and potential tropical cyclone activity. Numerical weather forecast guidance continues to indicate very wet conditions in this region during the period. **Confidence: Moderate**

3. An increased chance for below-average rainfall over the central equatorial Pacific. Dry conditions are expected to persist due to continuing La Nina conditions. **Confidence: High**