Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 8/3/2009

Week 1 Outlook – Valid: August 4 – August 10, 2009
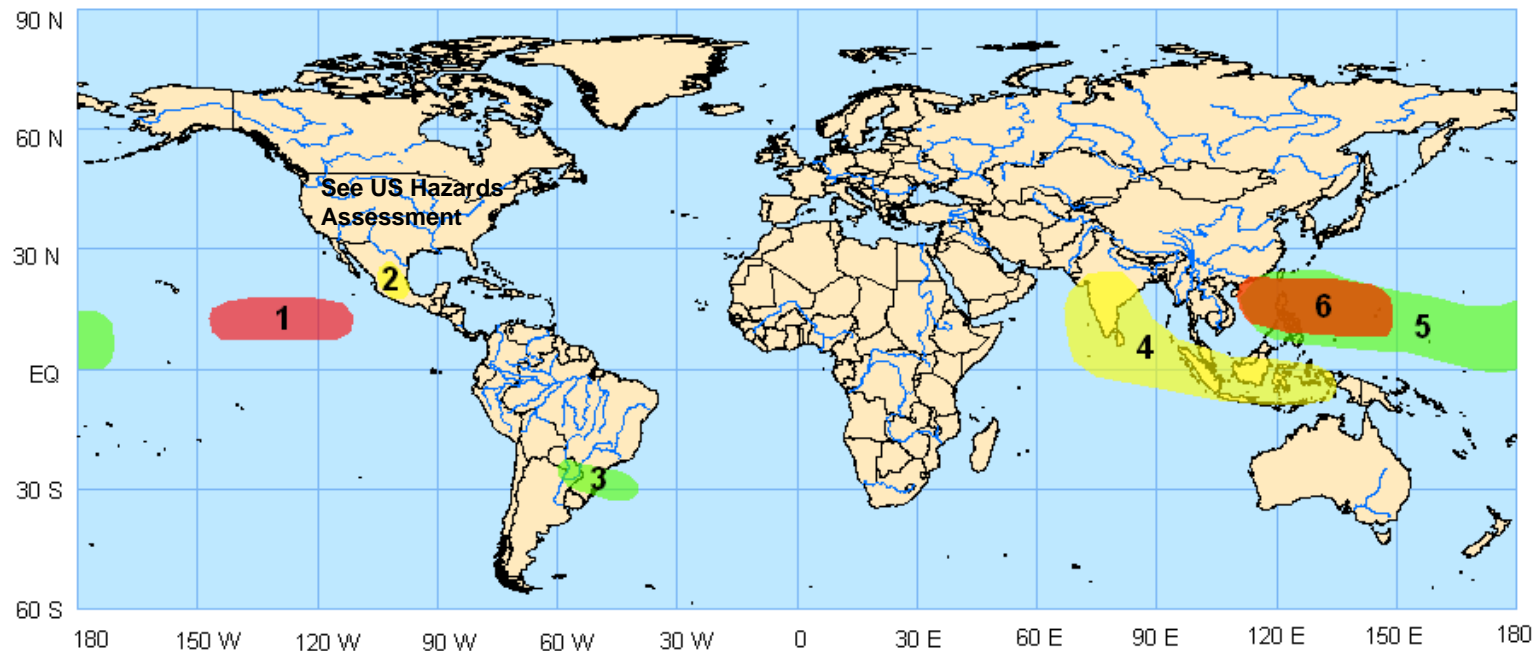
1. **An increased chance for tropical cyclogenesis across the east-central Pacific.** An enhanced ITCZ, above-average SST's, and areas of weak vertical wind shear increases the threat for tropical cyclone development. Both statistical and dynamical forecast guidance support potential development. **Confidence: High**

2. **An increased chance for below-average rainfall for parts of Mexico.** A weaker than normal North American Monsoon System is expected to result in decreased rainfall over this region. **Confidence: Moderate**

3. **An increased chance for above-average rainfall for Southern Brazil.** Synoptic weather disturbances and associated cold fronts during this period are expected to produce beneficial precipitation in this area. This pattern and frequency of occurrence of frontal systems are typical during El-Niño conditions. **Confidence: Moderate**

4. **An increased chance for below-average rainfall from India to Indonesia.** Strong low-level westerly anomalies over the western Pacific and easterly anomalies over the India Ocean favor below-average rainfall across this region. **Confidence: High**

5. **An increased chance for above-average rainfall from the Philippines eastward to the Date Line.** An anomalously strong monsoon trough and conditions consistent with a strengthening El-Niño favor increased rainfall in this region. **Confidence: High**

6. **An increased chance for tropical cyclogenesis across the western North Pacific and northern South China Sea.** A period of low-level convergence, areas of reduced vertical wind-shear, and above-average SST's increases the chances for tropical cyclone development. **Confidence: Moderate**
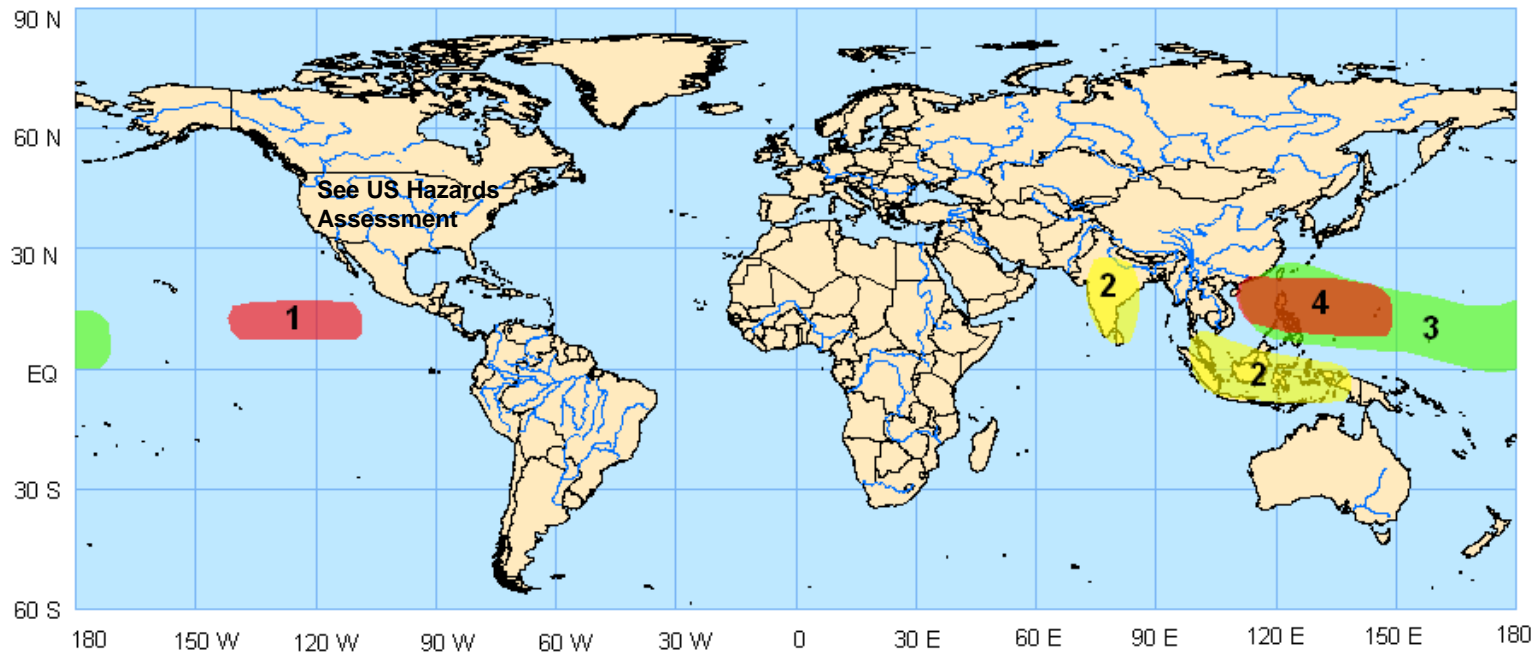
Please note: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.

Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 8/3/2009

Week 2 Outlook – Valid: August 11 – August 17, 2009

1. An increased chance for tropical cyclogenesis across the east-central Pacific. An enhanced ITCZ, above-average SST's, and areas of weak vertical wind shear increases the threat for tropical cyclone development. Both statistical and dynamical forecast guidance support potential development. **Confidence: Moderate**

2. An increased chance for below-average rainfall for parts of India and the Maritime continent. Strong low-level westerly anomalies over the western Pacific and easterly anomalies over the India Ocean favor below-average rainfall across these regions. **Confidence: Moderate**

3. An increased chance for above-average rainfall from the Philippines eastward to the Date Line. An anomalously strong monsoon trough and conditions consistent with a strengthening El-Niño favor increased rainfall in this region. **Confidence: High**

4. An increased chance for tropical cyclogenesis across the western North Pacific and northern South China Sea. A period of low-level convergence, areas of reduced vertical wind-shear, and above-average SST's increases the chances for tropical cyclone development. **Confidence: Moderate**