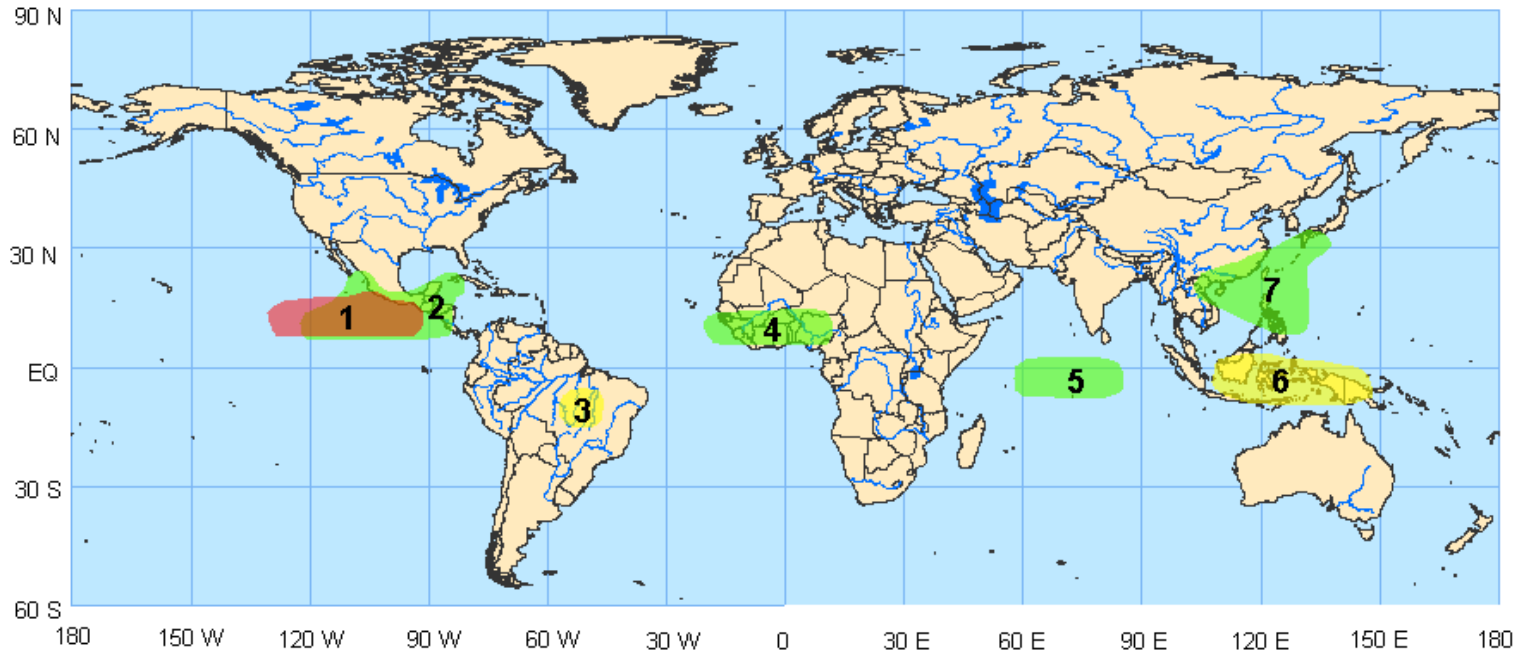


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
September 29, 2008

Issued: 9/29

Week 1 Outlook – Valid: September 30 – October 6, 2008

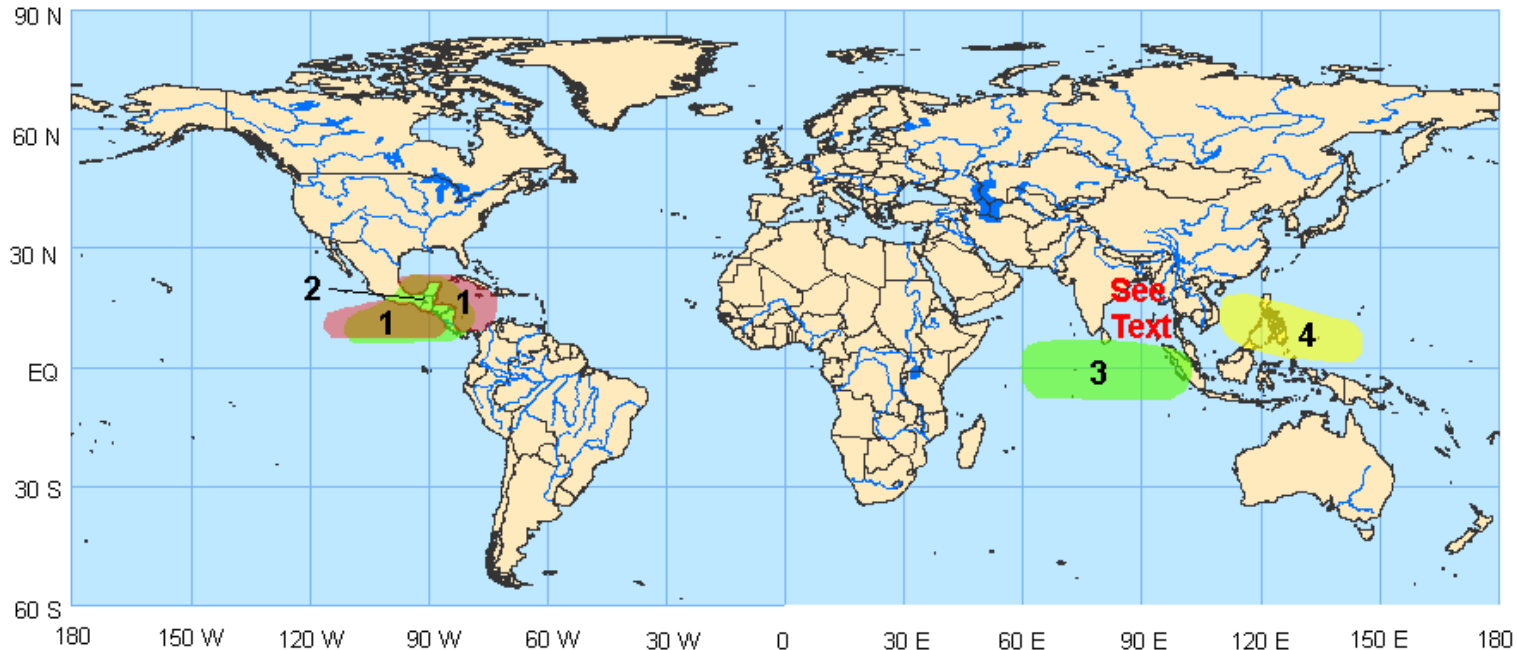


- 1. An increased chance for tropical cyclogenesis for the eastern Pacific.** The favorable phase of the MJO increases the threat for tropical development during the period. **Confidence: High**
- 2. An increased chance for above-average rainfall for parts of the eastern Pacific, Mexico and Central America.** The enhanced phase of the MJO is expected to result in wet conditions during the period. **Confidence: Moderate**
- 3. An increased chance for below-average rainfall for the South American monsoon core region.** The South American monsoon rainfall is lagging behind the long-term average over the monsoon core region and numerical weather forecast guidance favors continued dry conditions during the period in this region. **Confidence: Moderate**
- 4. An increased chance for above-average rainfall for parts of western Africa.** The entering enhanced phase of the MJO and other subseasonal coherent tropical variability is expected to result in wet conditions during the period. **Confidence: Moderate**
- 5. An increased chance for above-average rainfall for the western Indian Ocean.** The entering enhanced phase of the MJO and other subseasonal coherent tropical variability is expected to result in wet conditions during the period. **Confidence: Moderate**
- 6. An increased chance for below-average rainfall for the Maritime continent.** The suppressed phase of the MJO is expected to result in dry conditions during the period. **Confidence: High**
- 7. An increased chance for above-average rainfall for parts of eastern China, Taiwan and the western Pacific.** Current tropical cyclone activity (Super-Typhoon Jangmi and Tropical Storm Mekkhala) and a residual from the exiting enhanced phase of the MJO are expected to lead to wet conditions in this region. Damaging winds and very high seas are expected in proximity to tropical systems. Please refer to your official forecast agency for details. **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.

Issued: 9/29

Week 2 Outlook – Valid: October 7 - 13, 2008



- 1. An increased chance for tropical cyclogenesis for parts of the eastern Pacific, Gulf of Mexico and Caribbean Sea.** The favorable phase of the MJO increases the threat for tropical development during the period. **Confidence: Moderate**
- 2. An increased chance for above-average rainfall for parts of the eastern Pacific, Mexico, Central America and the Caribbean.** The enhanced phase of the MJO is expected to result in wet conditions during the period. **Confidence: Moderate**
- 3. An increased chance for above-average rainfall for the equatorial Indian Ocean.** The enhanced phase of the MJO is expected to increase rainfall in this region during the period. **Confidence: Moderate**
- 4. An increased chance for below-average rainfall for the Philippines and parts of the western Pacific.** The suppressed phase of the MJO is expected to result in dry conditions during the period. **Confidence: Moderate**

SEE TEXT NOTATION: Conditions are expected to begin to become more favorable for tropical cyclogenesis in the Bay of Bengal. The month of October is a period when the threat of tropical cyclone activity increases climatologically and continued propagation of the MJO and its associated changes to the atmospheric circulation further increase this threat. At the current time, Week 3 appears to be the most likely period for development.

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.