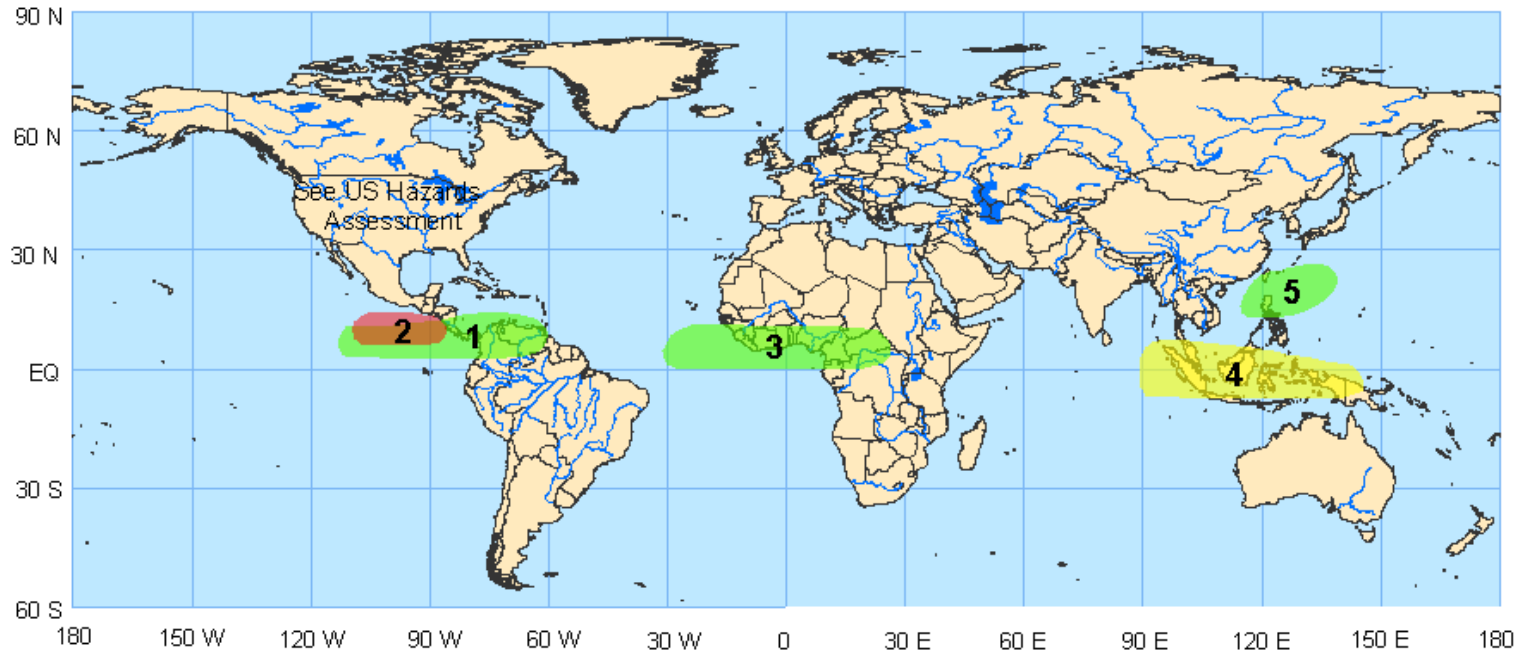


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
May 19, 2008

Issued: 5/19

Week 1 Outlook – Valid: May 20 – 26, 2008



1. An increased chance for above-average rainfall for the eastern Pacific Ocean, parts of Central America and northern South America.

The enhanced phase of the MJO and above-average sea surface temperatures (SST) are expected to contribute to wet conditions. **Confidence: High**

2. Favorable conditions exist for tropical cyclogenesis for the eastern Pacific Ocean. Expected active convection, increasingly more prevalent low-level westerly flow near and along the equator, generally low vertical wind shear and above average SSTs increase the threat for tropical development. **Confidence: Moderate**

3. An increased chance for above-average rainfall for the eastern Atlantic Ocean and parts of equatorial Africa. Wet conditions are expected in this area as a result of the continued evolution of the MJO as well as above average SSTs in the Gulf of Guinea. **Confidence: High**

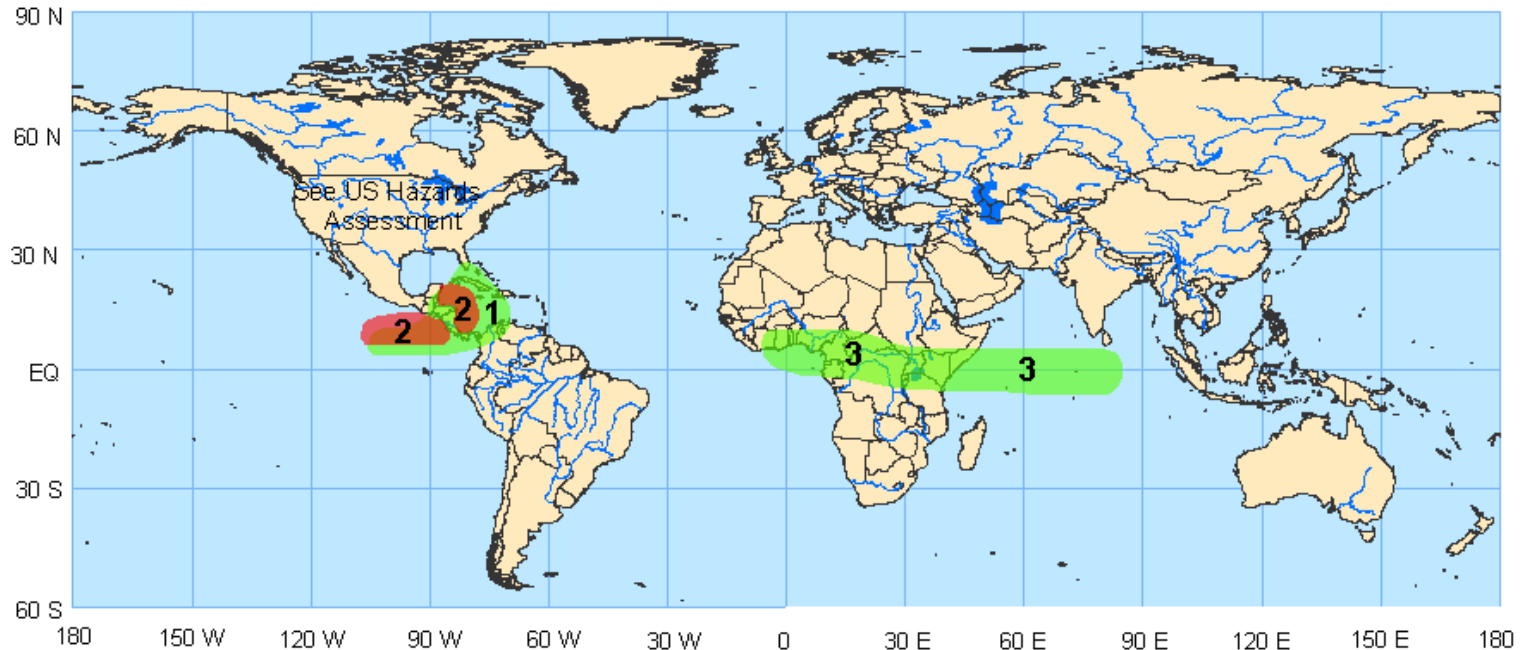
4. An increased chance for below-average rainfall for the eastern Indian Ocean and parts of the Maritime Continent. Dry conditions are expected due to the continued evolution of the MJO and below-average SSTs in some areas. Numerical weather forecast guidance also indicates generally dry conditions during the period. **Confidence: High**

5. An increased chance for above-average rainfall for the northern Philippines and nearby waters of the western Pacific Ocean. Interaction between the extratropical circulation and tropical moisture is expected to result in wet conditions 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.

Issued: 5/19

Week 2 Outlook – Valid: May 27 – June 2, 2008



1. An increased chance for above-average rainfall for the eastern Pacific Ocean, parts of Central America, the Caribbean Sea and Cuba.

Strong low-level convergence and above-average sea surface temperatures (SST) in some areas and potential tropical cyclone activity are expected to contribute to wet conditions. **Confidence: High**

2. Favorable conditions exist for tropical cyclogenesis for the eastern Pacific Ocean and western Caribbean. Expected active convection, increasingly more prevalent low-level westerly flow near and along the equator and above average SSTs increase the threat for tropical development in this region. Numerical models indicate potential development in these areas during the period. **Confidence: Moderate**

3. An increased chance for above-average rainfall for sections of equatorial Africa and the western Indian Ocean. Wet conditions are expected in this area as a result of the continued evolution of the MJO as well as above average SSTs in the Gulf of Guinea. **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.