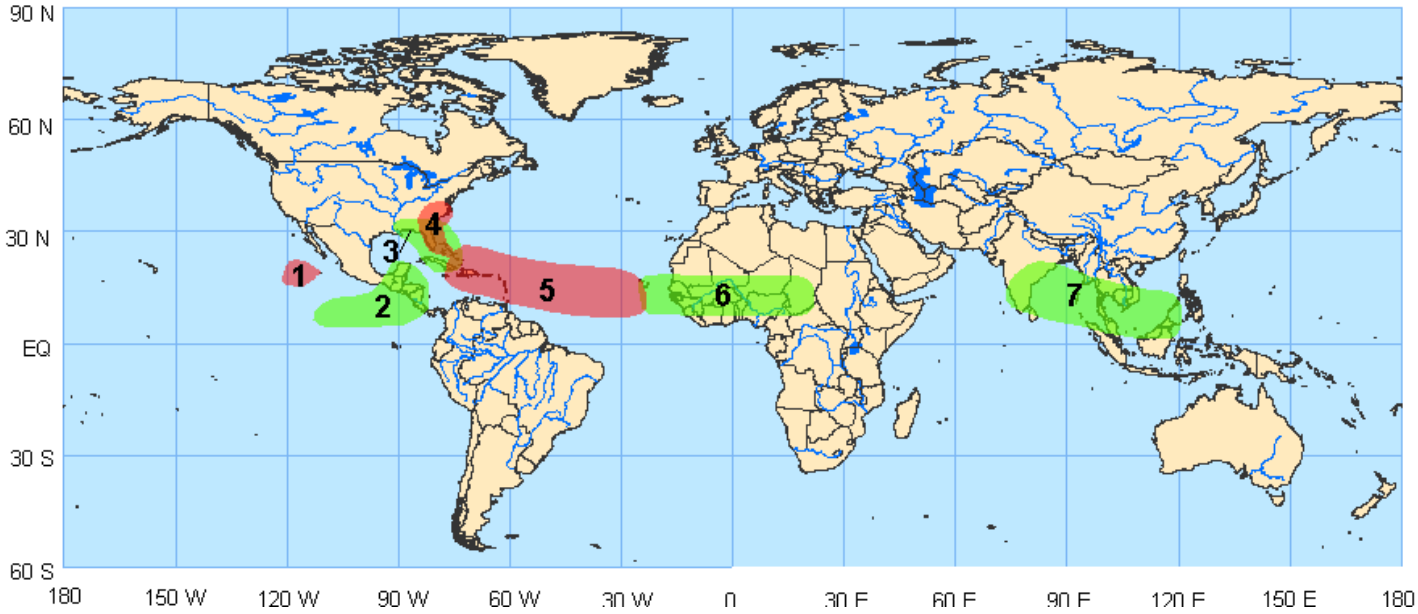
Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
September 2, 2008

Issued: 9/2

Week 1 Outlook – Valid: Sep 2-8, 2008



1.Tropical Storm Karina will impact waters in the eastern Pacific to the southwest of Baja California with areas of heavy rain, very strong winds and high seas.

2. An increased chance for above average rainfall for the eastern Pacific and parts of Central America and Mexico. An active ITCZ, above normal SST's and anomalous low-level convergence favor enhanced rainfall in this region. **Confidence: Moderate**

3. An increased chance for above average rainfall for parts of the Caribbean and the Southeast US. An active period of tropical cyclone activity favors enhanced rainfall in this region during the period. **Confidence: High**

4. Tropical Storm Hanna will move northwest and impact the Southeast US with heavy rain, damaging winds and high seas.

5. An increased chance for tropical cyclogenesis for much of the tropical Atlantic Ocean. Continued robust easterly waves in combination with a generally favorable large-scale environment and above-average SST's support an increased threat for development in this region. **Confidence: High**

6. An increased chance for above-average rainfall over the Sahel region of Africa. Favorable low-level wind anomalies, above-average SST's in the Gulf of Guinea, and an enhanced West African monsoon are expected to increase rainfall over the region. **Confidence: High**

7. An increased chance for above-average rainfall stretching from India to the South China Sea. Associated with the boreal-summer intraseasonal oscillation, enhanced rainfall is expected to shift northeastward into this region during the period. **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.

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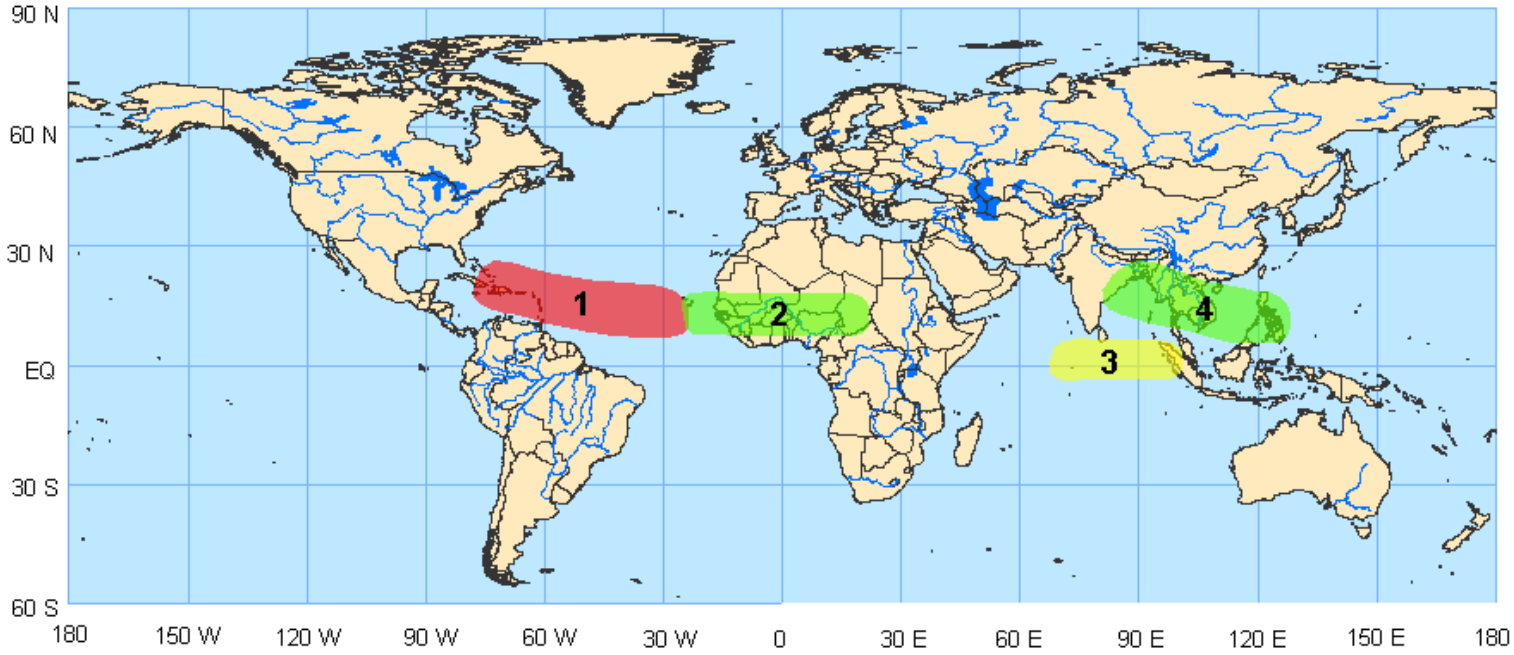
Week 2 Outlook – Valid: Sep 9 – 15, 2008



1. An increased chance for tropical cyclogenesis for much of the tropical Atlantic Ocean. Continued robust easterly waves in combination with a generally favorable large-scale environment and above-average SST's support an increased threat for development in this region. **Confidence: Moderate**

2. An increased chance for above-average rainfall over the Sahel region of Africa. Favorable low-level wind anomalies, above-average SST's in the Gulf of Guinea, and an enhanced West African monsoon are expected to increase rainfall over the region. **Confidence: Moderate**

3. An increased chance for below-average rainfall for the equatorial Indian Ocean. Associated with the boreal-summer intraseasonal oscillation, suppressed rainfall is expected to develop in this region during the period. **Confidence: Moderate**

4. An increased chance for above-average rainfall stretching from India to the Philippines. Associated with the boreal-summer intraseasonal oscillation, enhanced rainfall is expected to shift northeastward into this region during the period. **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.