Experimental Global Tropics Hazards/Benefits Assessment

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