Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
August 18, 2008
1. **Tropical Storm Fay** will move north and impact Florida and parts of the Southeast US with flooding rains along with very strong winds and wave action.

2. **An increased chance for above-average rainfall for the Southeast US.** Tropical storm Fay and its remnants likely will cause above-average rainfall in this region. **Confidence: High**

3. **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**

4. **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**

5. **An increased chance for above-average rainfall for parts of the western Indian Ocean.** Increasingly favorable low-level winds and areas of above-average SST’s are expected to result in enhanced rainfall. **Confidence: Moderate**

6. **An increased chance for above-average rainfall for parts of the South China Sea, eastern China, the Philippines and the northwest Pacific.** Current and anticipated tropical cyclone activity and favorable low-level winds are expected to enhanced rainfall. **Confidence: Moderate**

7. **An increased chance for tropical cyclogenesis for parts of the South China Sea and far western Pacific.** Continued active convection, a generally favorable atmospheric environment and areas of above-average SST’s support an increased threat for development. **Typhoon Nuri** will impact the waters near the northern Philippines and later Taiwan with heavy rain, damaging winds and high seas. **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 the eastern Pacific Ocean. Current high vertical wind shear is expected to relax during this period and may result in more favorable large-scale conditions for development in this region. **Confidence: Moderate**

2. 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**

3. An increased chance for above-average rainfall for parts of the equatorial Indian Ocean. Increasingly favorable low-level winds and areas of above-average SST’s are expected to result in enhanced rainfall. **Confidence: Moderate**

4. An increased chance for tropical cyclogenesis for parts of the South China Sea and far western Pacific. Continued active convection, a generally favorable atmospheric environment and areas of above-average SST’s support an increased threat for development 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.