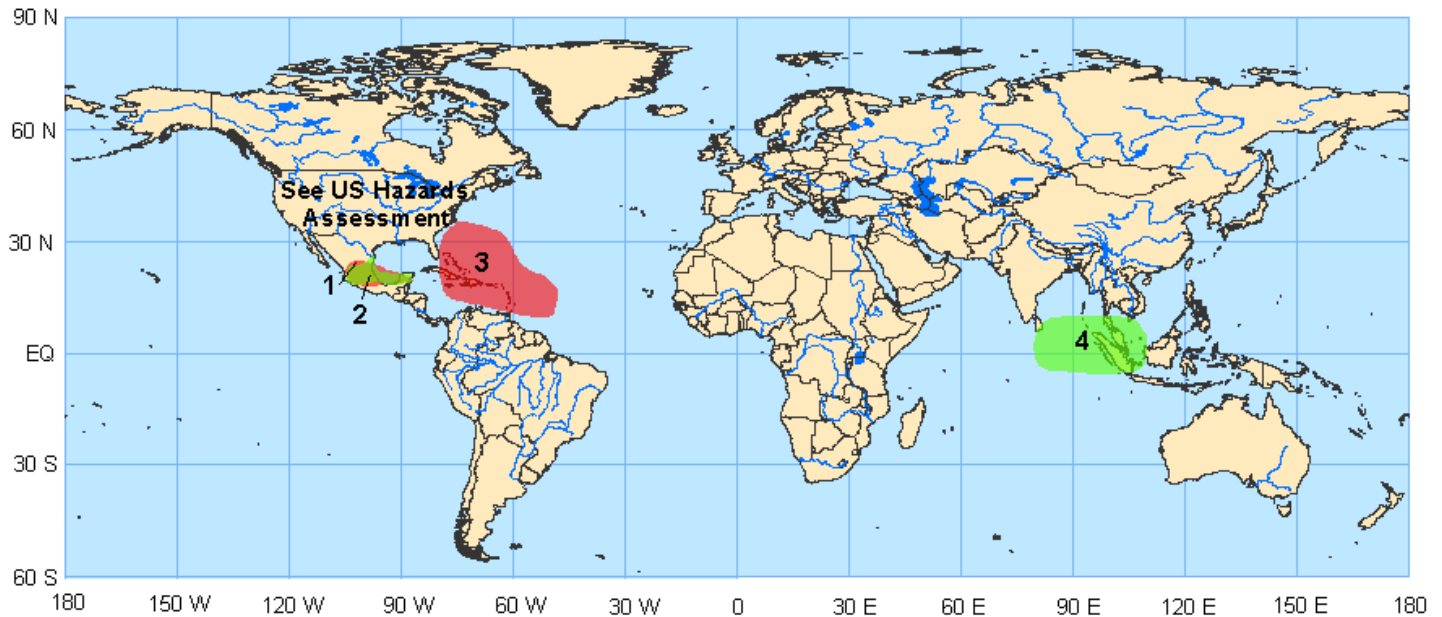


Experimental Global Tropics
Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
August 20, 2007

Week 1 Outlook – Valid: August 21-August 27, 2007



1. Hurricane Dean is expected to first impact the Yucatan Peninsula with extremely strong winds, very heavy rain, and with a substantial storm surge before weakening over land. Dean will then enter the Bay of Campeche and is expected to strengthen before making a second landfall on the central Mexico coast.

Confidence: High

2. An increased chance for above-average rainfall across areas in central Mexico, the Bay of Campeche, and the Yucatan Peninsula. Heavy rainfall associated with the track of Hurricane Dean will result in above average precipitation across much of coastal central Mexico and the Yucatan Peninsula. The remnants of Dean is expected to result in considerable rainfall as tropical moisture interacts with higher terrain in central and western Mexico.

Confidence: High

3. The potential for tropical cyclone development across the western Atlantic Ocean and sections of the Caribbean Sea. Current tropical easterly waves are expected to continue their westward movement into an area of low-moderate vertical wind shear and above average SSTs in the western Atlantic Ocean increasing the prospects for cyclogenesis in this region. In addition, weakening and/or decaying frontal systems off the US southeast coast further increase these chances.

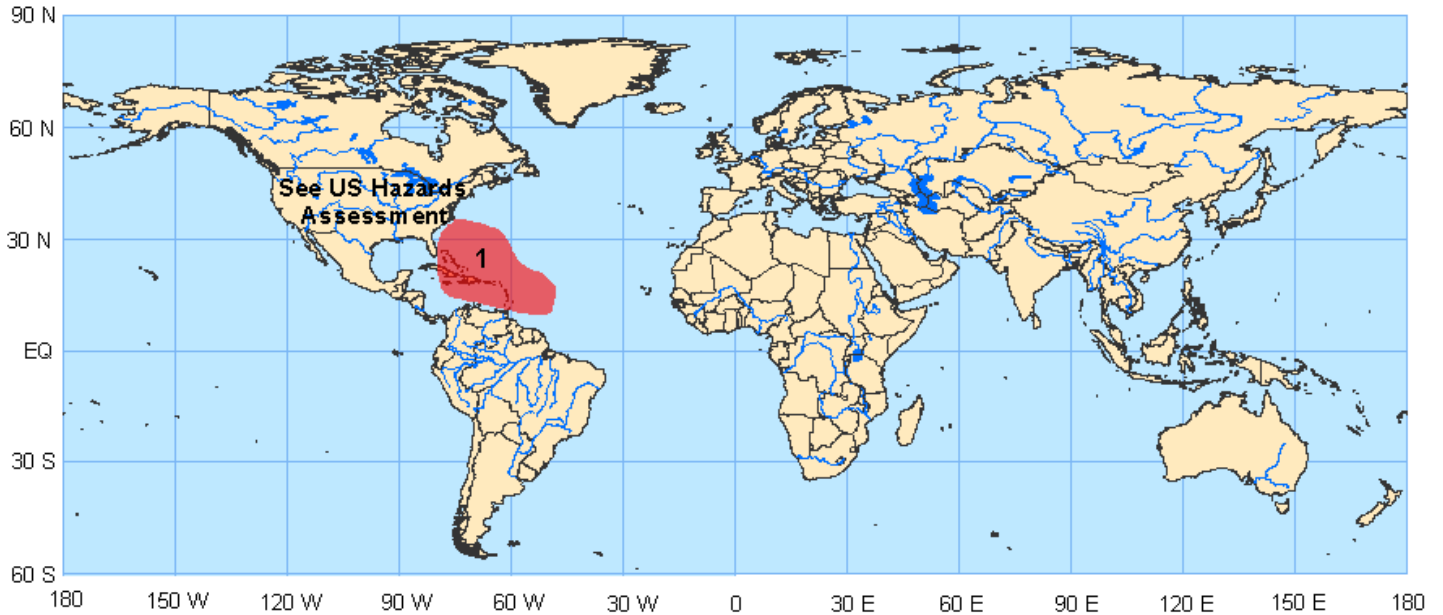
Confidence: Moderate

4. An increased chance for above-average rainfall across the eastern equatorial Indian Ocean and the western Maritime Continent. Large-scale ascending motion consistent with La Niña conditions and enhanced SSTs are expected to increase the likelihood of above-average rainfall in this region as the pattern of tropical convection in the eastern hemisphere has become more stationary in nature.

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.

Week 2 Outlook – Valid: August 28- September 3, 2007



1. The potential for tropical cyclone development across the western Atlantic Ocean and sections of the Caribbean Sea. Climatological tropical easterly waves are expected to continue and with areas of low-moderate vertical wind shear and above average SSTs in the western Atlantic Ocean the prospects for tropical cyclogenesis in this region are increased. In addition, weakening and/or decaying frontal systems off the US southeast coast, common during this time of year, further increase these chances.

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.