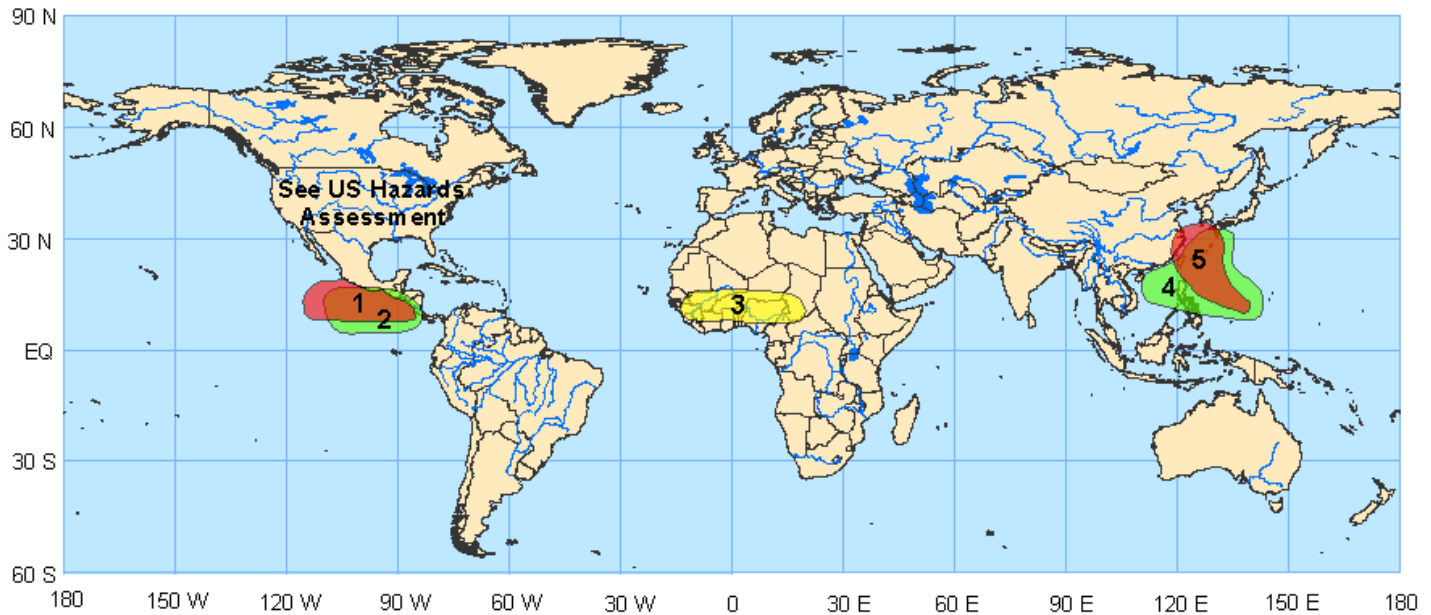


Experimental Global Tropics
Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
July 9, 2007

Week 1 Outlook – Valid: July 10-16, 2007



1. Favorable conditions for tropical cyclone development across sections of the eastern Pacific Ocean.

The continuation of a weak-moderate MJO signal along with above-average SSTs and expected weak vertical wind shear increase the prospects of tropical cyclone development in this area. Also, numerical weather forecast models also indicate the renewal of tropical cyclone activity in this region.

Confidence: High

2. An increased chance for above-average rainfall for sections of the eastern Pacific Ocean and western Central America.

A favorable large-scale environment for convection associated with a weak-moderate MJO signal and above-average SSTs is expected to result in heightened chances for enhanced rainfall.

Confidence: High

3. An increased chance for below-average rainfall for the Sahel region of west-central Africa. The large-scale circulation associated with a weak-moderate MJO signal along with above-average SSTs in the Gulf of Guinea region is expected to increase the likelihood of suppressed rainfall in this region.

Confidence: Moderate

4. An increased chance for above-average rainfall for sections of the far western Pacific Ocean.

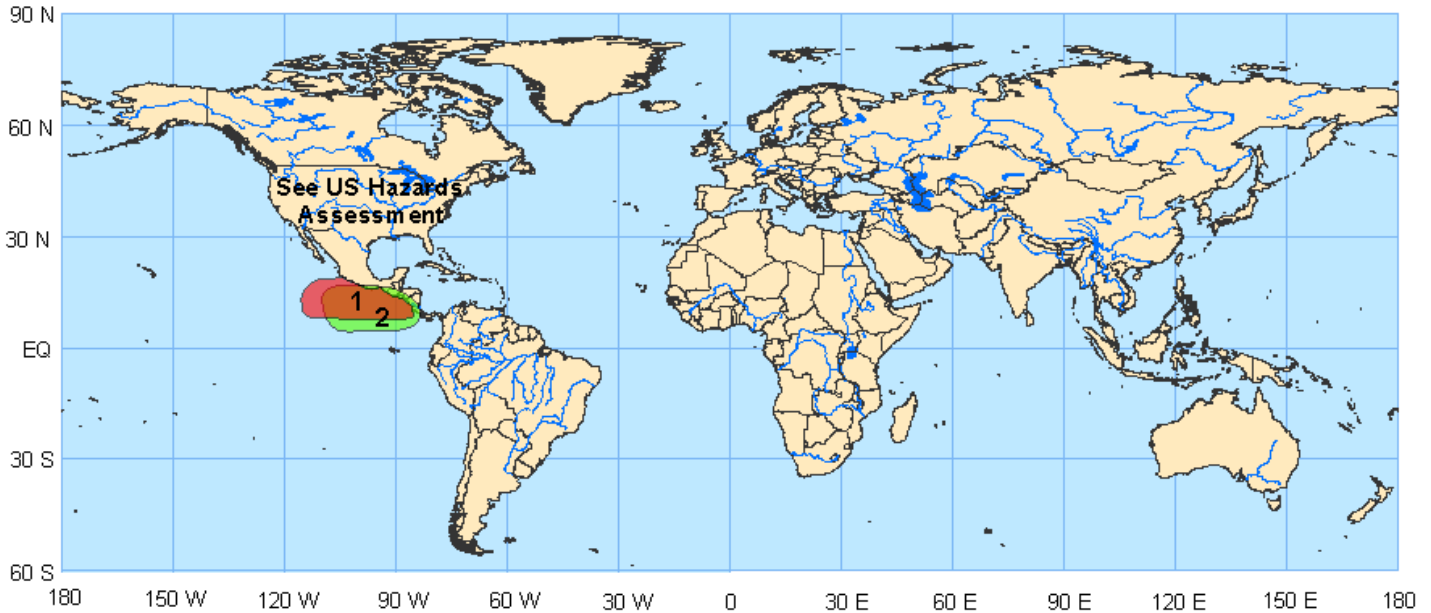
Enhanced rainfall is expected in this region mainly as a result of the evolution of tropical cyclone Man-Yi. The slow eastward movement of the enhanced phase of the MJO may also contribute to above-average rainfall early in the period.

Confidence: Moderate

5. Tropical storm Man-Yi is expected to strengthen to typhoon status and will impact the waters of the far western Pacific Ocean east of the Philippines and China with very strong winds, heavy rain and high seas during the period.

Please note: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information for the user.

Week 2 Outlook – Valid: July 17-23, 2007



1. Favorable conditions for tropical cyclone development across sections of the eastern Pacific Ocean.

The continuation of a weak-moderate MJO signal along with above-average SSTs and expected weak vertical wind shear increase the prospects of tropical cyclone development in this area. Also, numerical weather forecast models also indicate the renewal of tropical cyclone activity in this region.

Confidence: High

2. An increased chance for above-average rainfall for sections of the eastern Pacific Ocean and western Central America.

A favorable large-scale environment for convection associated with a weak-moderate MJO signal and above-average SSTs is expected to result in heightened chances for enhanced rainfall.

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 for the user.