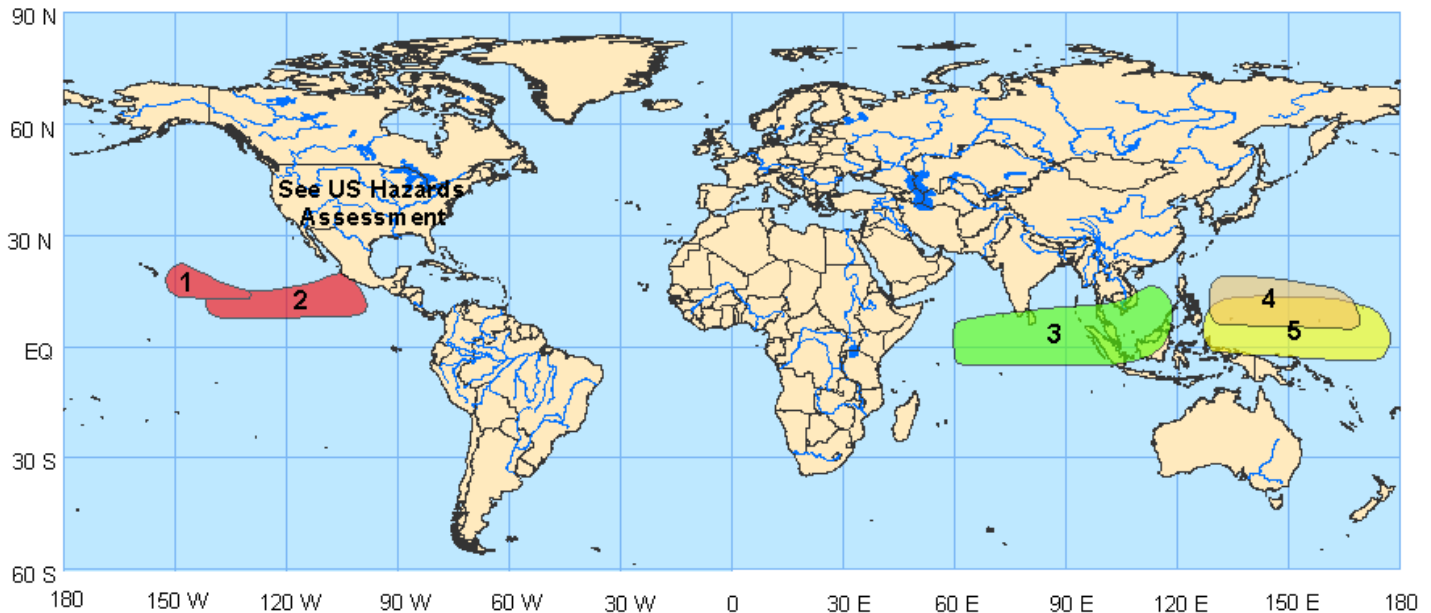


Experimental Global Tropics
Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
July 16, 2007

Week 1 Outlook – Valid: July 17-23, 2007



1. Tropical storm Cosme will impact waters in the east-central Pacific Ocean with areas of heavy rains, strong winds, and high seas. Although cooler waters will limit the strength of Cosme as it nears Hawaii, interests should monitor for heavier than normal surf.

2. Favorable conditions for tropical cyclone development across sections of the east-central Pacific Ocean. Active convection, weaker than average trade winds, 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 potential for tropical cyclone development.

Confidence: Moderate

3. An increased chance for above-average rainfall across the equatorial Indian Ocean, western maritime continent, and South China Sea. The continued evolution of the enhanced phase of the weak MJO signal and above average SSTs is expected to enhance rainfall in this area.

Confidence: Moderate

4. Unfavorable conditions for tropical cyclone development across sections of the western Pacific Ocean. The continuation of the suppressed phase of the weak MJO signal, anticipated stronger than average trade winds, and expected moderate-strong vertical wind shear decrease the prospects of tropical cyclone development in this area.

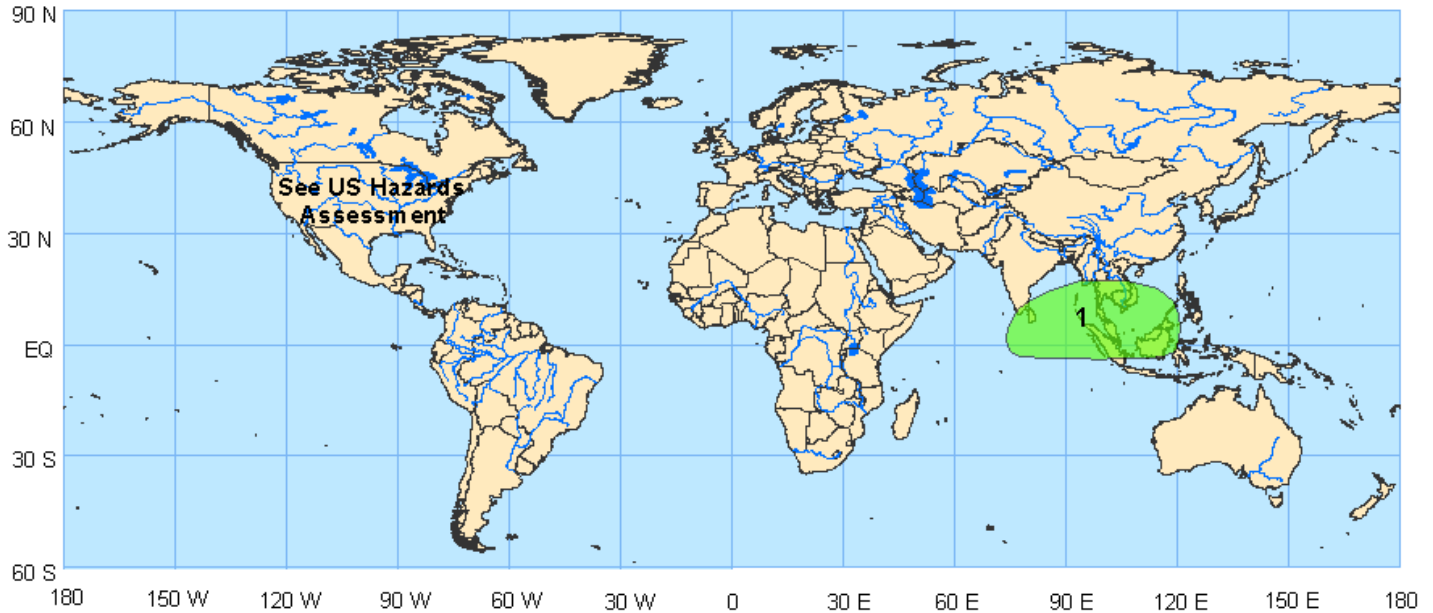
Confidence: High

5. An increased chance for below-average rainfall for the western Pacific Ocean. The continuation of the suppressed phase of the weak MJO signal along with anticipated stronger than average trade winds across the far western Pacific Ocean and eastern maritime continent is expected suppress rainfall in this area.

Confidence: High

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 24-30, 2007



1. An increased chance for above-average rainfall for the eastern equatorial Indian Ocean, Bay of Bengal, and sections of Southeast Asia and the maritime continent. The continued evolution of the enhanced phase of the weak MJO signal and above average SSTs is expected to enhance rainfall in this area.

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.