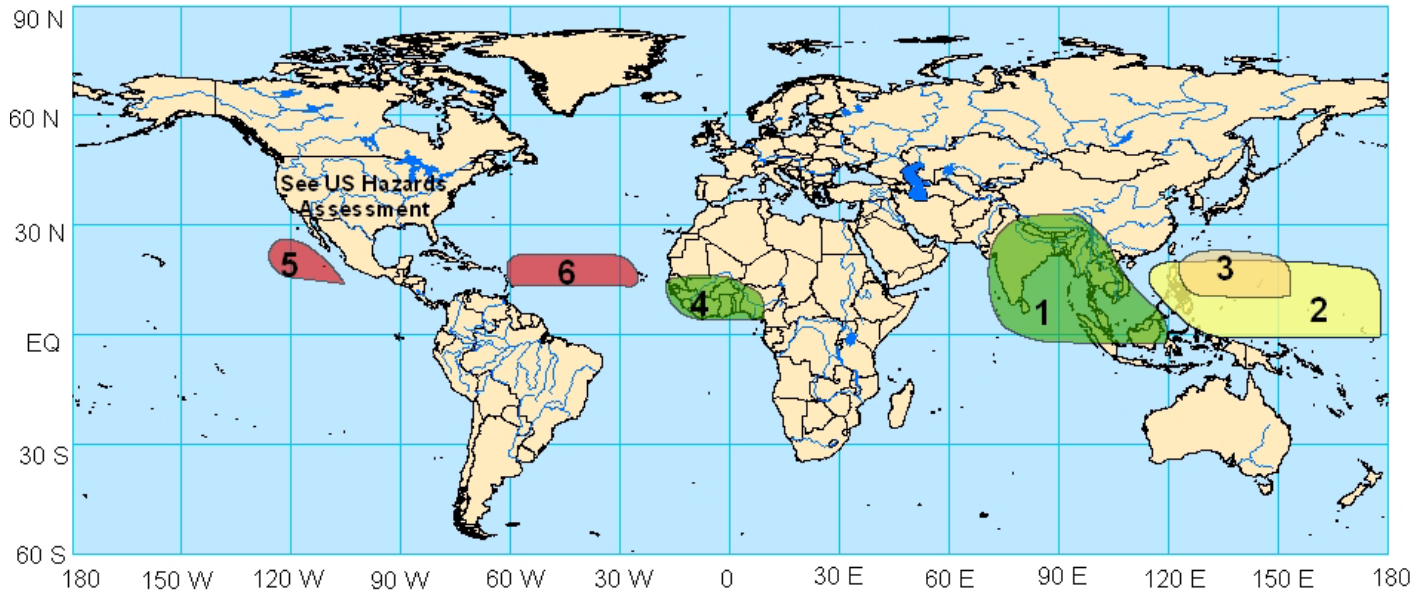


Experimental Global Tropics
Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
July 23, 2007

Week 1 Outlook – Valid: July 24-30, 2007



1. An increased chance for above-average rainfall for the eastern equatorial Indian Ocean, Bay of Bengal, India, Southeast Asia, and southwest China. The enhanced phase of the MJO along with interactions with the extratropical circulation is expected to result in above average rainfall in these areas.

Confidence: High

2. An increased chance for below-average rainfall for the Philippines and western Pacific Ocean. The suppressed phase of the MJO along with expected stronger than average trade winds across the western Pacific is expected to suppress rainfall in this area.

Confidence: High

3. Unfavorable conditions exist for tropical cyclone development across the western Pacific Ocean. The suppressed phase of the MJO and expected stronger than average trade winds along and just north of the equator decrease the prospects of tropical cyclone development in this area.

Confidence: High

4. An increased chance for above-average rainfall for west Africa. The enhanced phase of the MJO along with interactions with the extratropical circulation are expected to result in above average rainfall in this region.

Confidence: Moderate

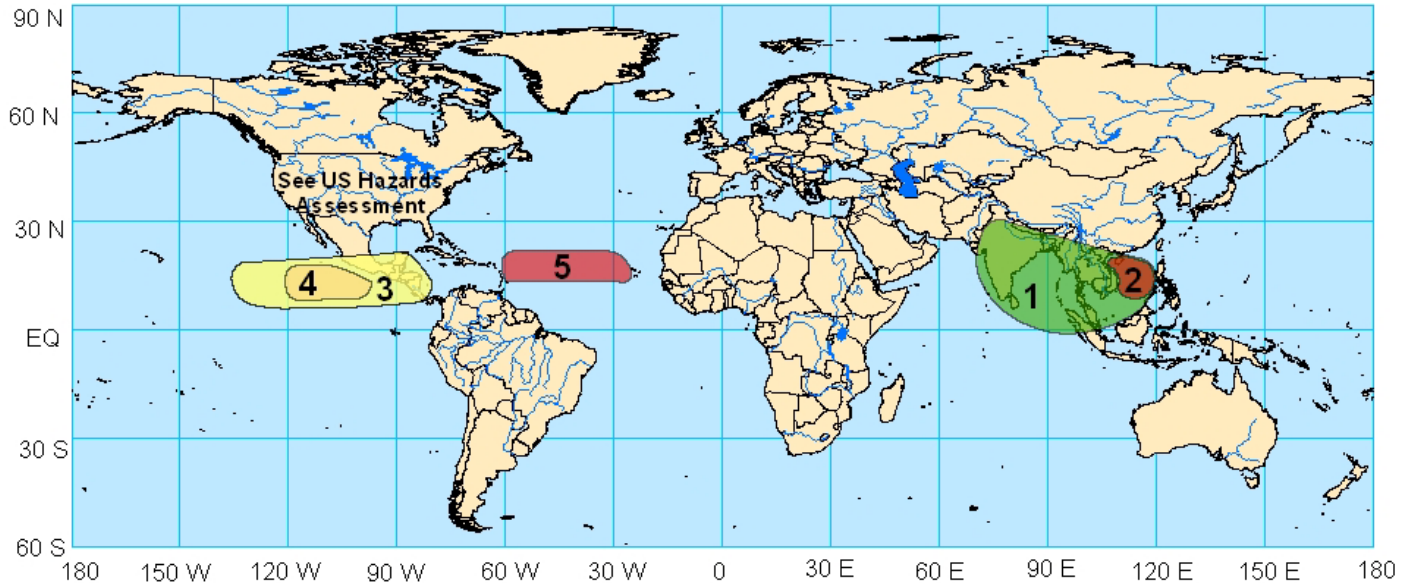
5. Tropical Storm Dalila will track across the east Pacific Ocean and result in areas of strong winds and high seas. Dalila may strengthen in the near term before reaching colder SSTs and weakening later in the period.

6. Conditions are slowly becoming more favorable for tropical cyclone development in the tropical Atlantic. Tropical waves moving off the African coast will have increasing potential for development into tropical cyclones over the central tropical Atlantic. Vertical wind shear is expected to be less than it has been thus far and disturbances more vigorous due to increasing African rainfall. Also, numerical model guidance indicates tropical cyclone development later in the period.

Confidence: Low

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 31-August 6, 2007



1. An increased chance for above-average rainfall for India, the Bay of Bengal, and Southeast Asia. The continuation of the enhanced phase of the MJO is expected to continue wetter-than-average conditions in this region.

Confidence: High

2. Favorable conditions for tropical cyclone development in the South China Sea. Active convection, above average SSTs and expected weak to moderate vertical wind shear will increase the likelihood for tropical cyclone development in this region.

Confidence: Low

3. An increased chance for below-average rainfall across the east Pacific Ocean, southern Mexico, and Central America. The continuation of the suppressed phase of the MJO is expected to result in drier-than-average conditions in this region.

Confidence: Moderate

4. Unfavorable conditions for tropical cyclone development across the east Pacific Ocean. The continuation of the suppressed phase of the MJO is expected to decrease the prospects for tropical cyclone development in this region.

Confidence: Moderate

5. Favorable conditions for tropical cyclone development in the tropical Atlantic. Tropical waves moving off the African coast will have increasing potential for development into tropical cyclones over the central tropical Atlantic. Vertical wind shear is expected to be less than it has been thus far and disturbances more vigorous due to increasing African rainfall.

Confidence: Low

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.