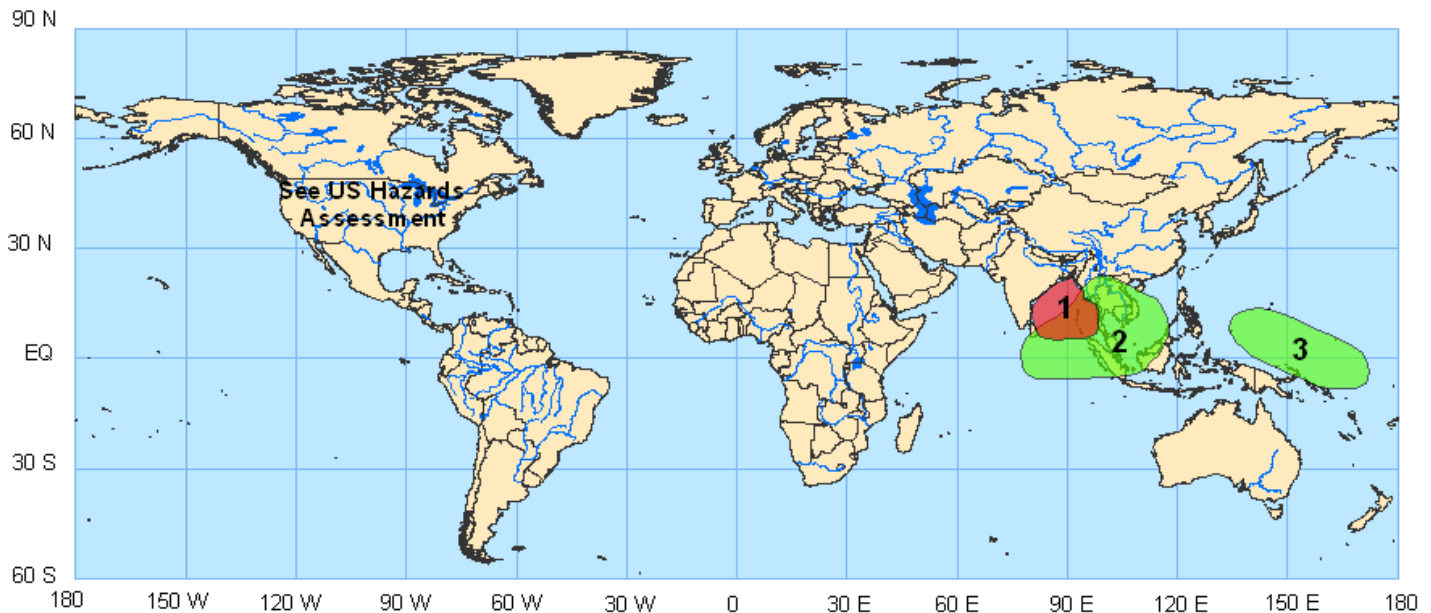


Experimental Global Tropics
Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
May 7, 2007

Week 1 Outlook – Valid: May 7-14, 2007



1. Favorable conditions exist for tropical cyclogenesis across the Bay of Bengal.

Convection is expected to remain quite active in the southern sections of the Bay of Bengal. Low-level westerly flow evident during the past week is expected to continue and this in combination with low-moderate vertical wind shear makes the development of a tropical cyclone possible. Also, SSTs in this region are over 1° C above average and climatology supports a greater likelihood for tropical development in this area during the upcoming period.

Confidence: High

2. An increased chance for above-average rainfall for sections of the Bay of Bengal, the eastern Indian Ocean, the western Maritime continent and southeast Asia.

An early start to the Southeast Asian monsoon along with above average SSTs in nearby areas is expected to enhance rainfall in this region.

Confidence: High

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

Recent trends in satellite imagery, above average SSTs and the development of low-level convergence forecast by some numerical forecast models indicate that rainfall may be enhanced in this region.

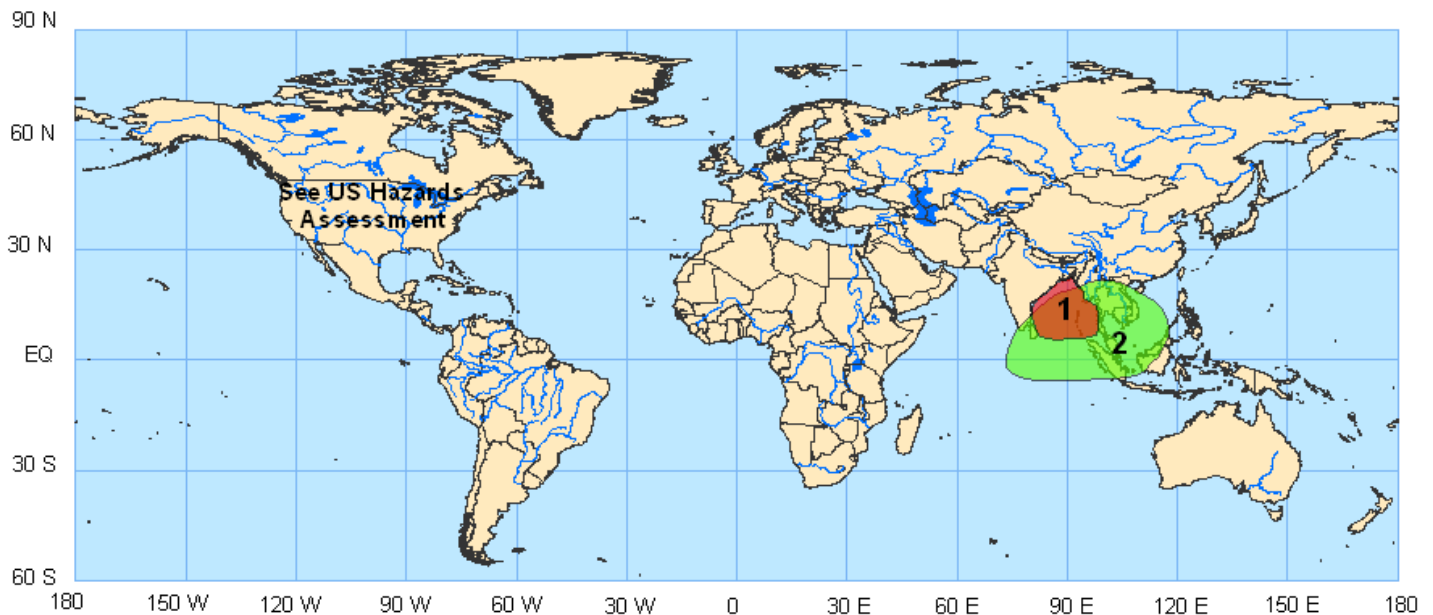
Confidence: Moderate

Other potential threats:

A strong slow-moving storm system off the southeast US coast will impact sections of the Atlantic Ocean and the coastal areas stretching from North Carolina to northern Florida with heavy surf and strong winds early in 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: May 15-21, 2007



1. Favorable conditions exist for tropical cyclogenesis across the Bay of Bengal.

Convection is expected to remain quite active in the southern sections of the Bay of Bengal. Low-level westerly flow evident during the past week is expected to continue and this in combination with low-moderate vertical wind shear makes the development of a tropical cyclone possible. Also, SSTs in this region are over 1° C above average and climatology supports a greater likelihood for tropical development in this area during the upcoming period.

Confidence: High

2. An increased chance for above-average rainfall for sections of the Bay of Bengal, the eastern Indian Ocean, the western Maritime continent and southeast Asia.

An early start to the Southeast Asian monsoon along with above average SSTs in nearby areas is expected to enhance rainfall in this region.

Confidence: High

Other potential threats: NONE

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.