Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
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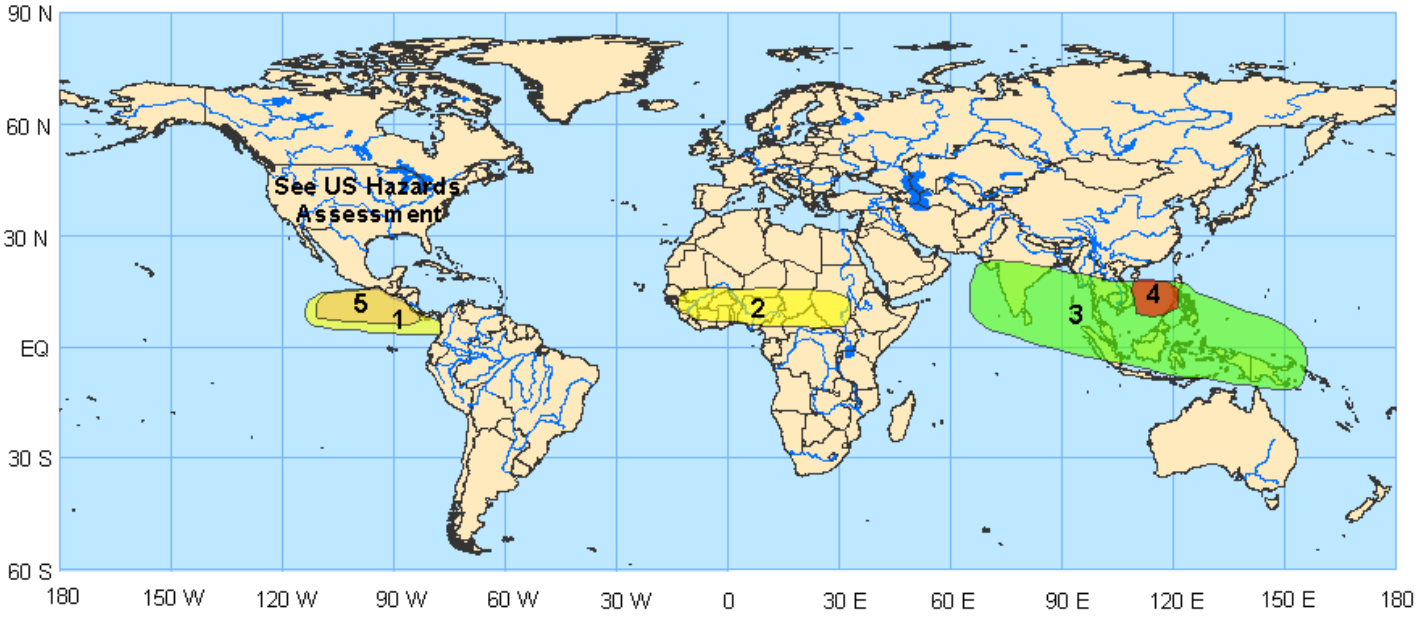
Week 1 Outlook – Valid: June 19-25, 2007



1. <u>An increased chance for below-average rainfall for sections of the eastern Pacific Ocean.</u> The large-scale circulation associated with the continued evolution of the MJO is expected to increase the likelihood of suppressed rainfall in this region.
Confidence: High

2. <u>An increased chance for below-average rainfall for sections of central Africa.</u> A combination of the large-scale circulation associated with the continued evolution of the MJO and the above-normal SSTs over the tropical eastern Atlantic and the Gulf of Guinea are expected to increase the likelihood of suppressed rainfall in this region.
Confidence: High

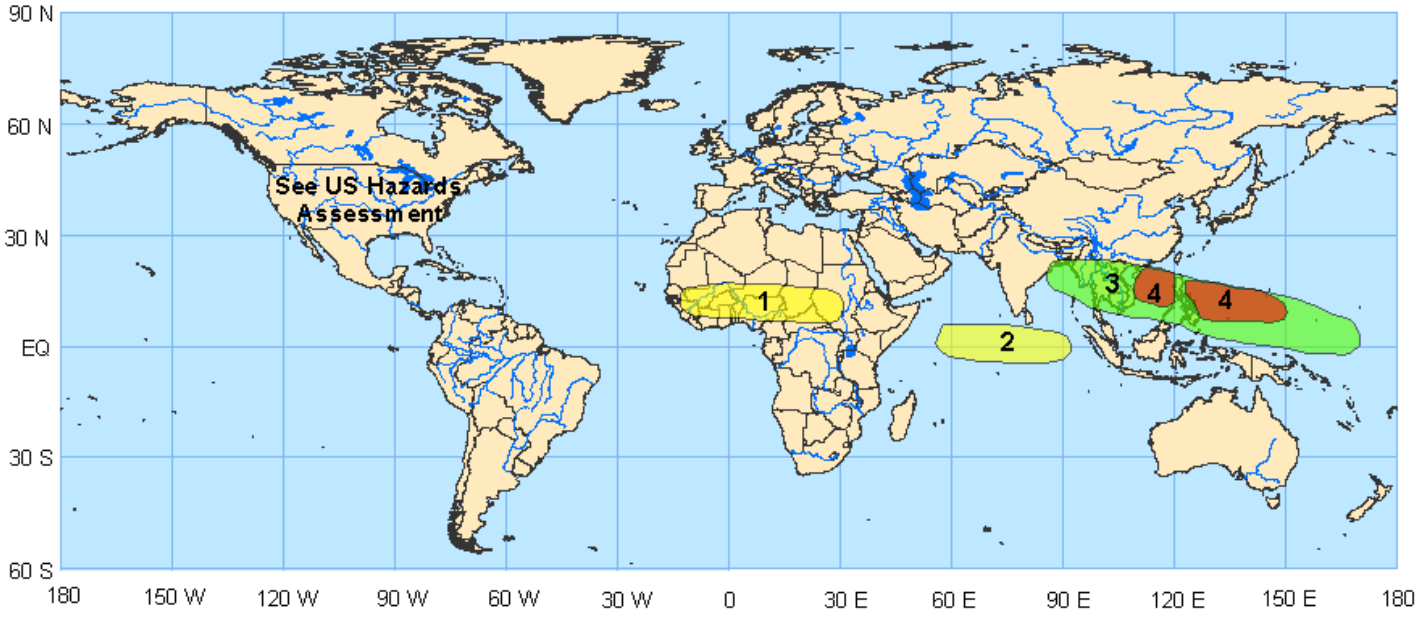
3. <u>An increased chance for above-average rainfall stretching from the eastern Arabian Sea, across Southeast Asia and much of the Maritime Continent into the far western Pacific Ocean.</u> A combination of the favorable large-scale circulation associated with the continued evolution of the MJO, a very active Indian monsoon and above average SSTs in some of these areas is expected to produce heightened chances for enhanced rainfall.
Confidence: High

4. <u>Conditions are favorable for tropical storm development across sections of the South China Sea.</u> Active convection, anticipated low-level westerly flow, the prospects of weak-moderate vertical wind shear, and warm sea surface temperatures in this area favor tropical storm development in this region. The greatest likelihood for development is late during week 1.
Confidence: Low

5. <u>Conditions are unfavorable for tropical storm development across sections of the eastern Pacific Ocean.</u> Stronger than average trade winds and a large scale environment associated with the continued evolution of the MJO is expected to favor the absence of tropical storm development in this region.
Confidence: High

<u>Please note</u>: 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: June 26-July 2, 2007



1. <u>An increased chance for below-average rainfall for sections of central Africa.</u> A combination of the large-scale circulation associated with the continued evolution of the MJO and the above-normal SSTs over the tropical eastern Atlantic and the Gulf of Guinea are expected to increase the likelihood of suppressed rainfall in this region.
Confidence: Moderate

2. <u>An increased chance for below-average rainfall for the equatorial Indian Ocean.</u> A combination of the large-scale circulation associated with the continued evolution of the MJO are expected to increase the likelihood of suppressed rainfall in this region.
Confidence: Moderate

3. <u>An increased chance for above-average rainfall stretching from the Bay of Bengal, across Southeast Asia and into the western Pacific Ocean.</u> A combination of the favorable large-scale circulation associated with the continued evolution of the MJO and above average SSTs in some of these areas is expected to produce heightened chances for enhanced rainfall.
Confidence: Moderate

4. <u>Conditions are favorable for tropical storm development across sections of the South China Sea and western Pacific Ocean.</u> Active convection, anticipated low-level westerly flow, the prospects of weak-moderate vertical wind shear, and warm sea surface temperatures in this area favor tropical storm development in this region. The greatest likelihood for development in the western Pacific Ocean is late during week 2.
Confidence: Moderate

<u>Please note</u>: 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.