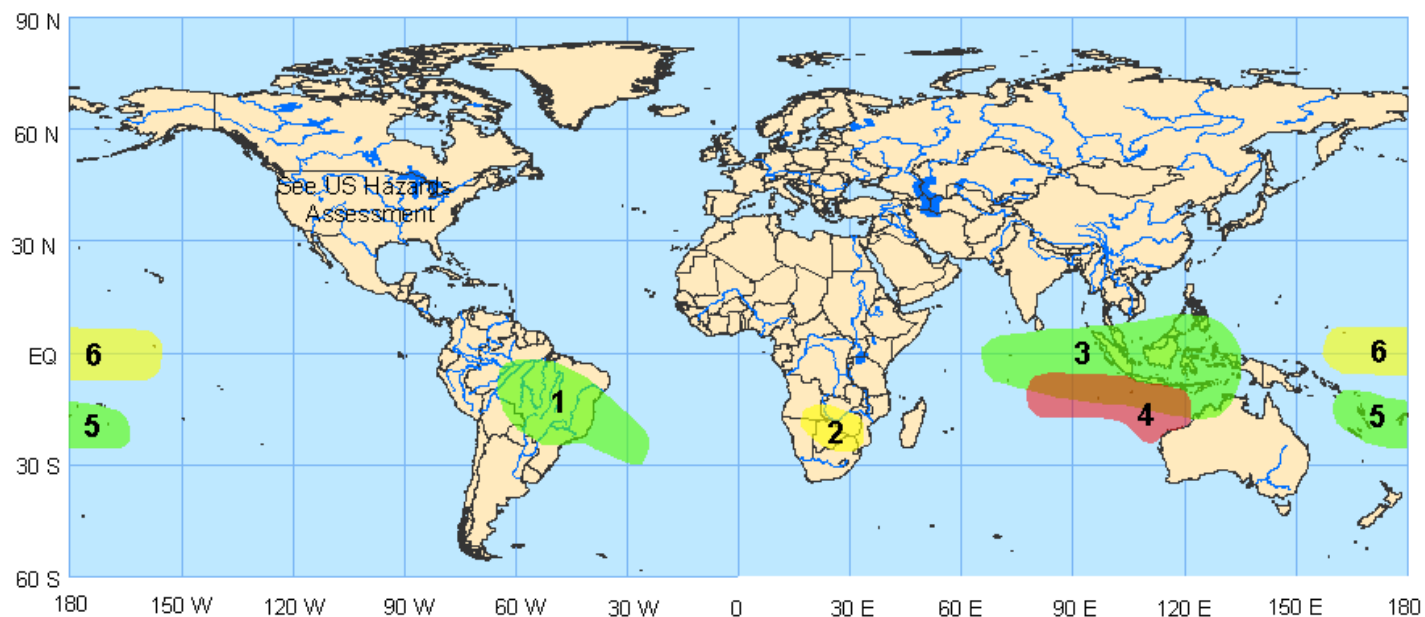


Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
February 25, 2008

Issued: 2/25

Week 1 Outlook – Valid: February 26 – March 3, 2008



1. An increased chance for above-average rainfall for much of Brazil and adjacent waters. Frequent and strong frontal activity is expected to enhance the South Atlantic Convergence Zone (SACZ) and enhance rainfall in this region. **Confidence: High**

2. An increased chance for below-average rainfall for continental South Africa. Persistent high pressure is expected to continue and suppress rainfall across this region. Numerical weather forecast guidance further supports suppressed rainfall in this region. **Confidence: Moderate**

3. An increased chance for above-average rainfall for the eastern Indian Ocean and western Maritime continent. La Nina conditions is expected to result in enhanced rainfall in this region. The area is shifted slightly to the west than that typically observed during La Nina. **Confidence: High**

4. Favorable conditions exist for tropical cyclogenesis across the eastern Indian Ocean. La Nina associated convection increases the chance for low-level westerly flow, upper-level divergence, and other factors favorable for tropical development. **Confidence: Moderate**

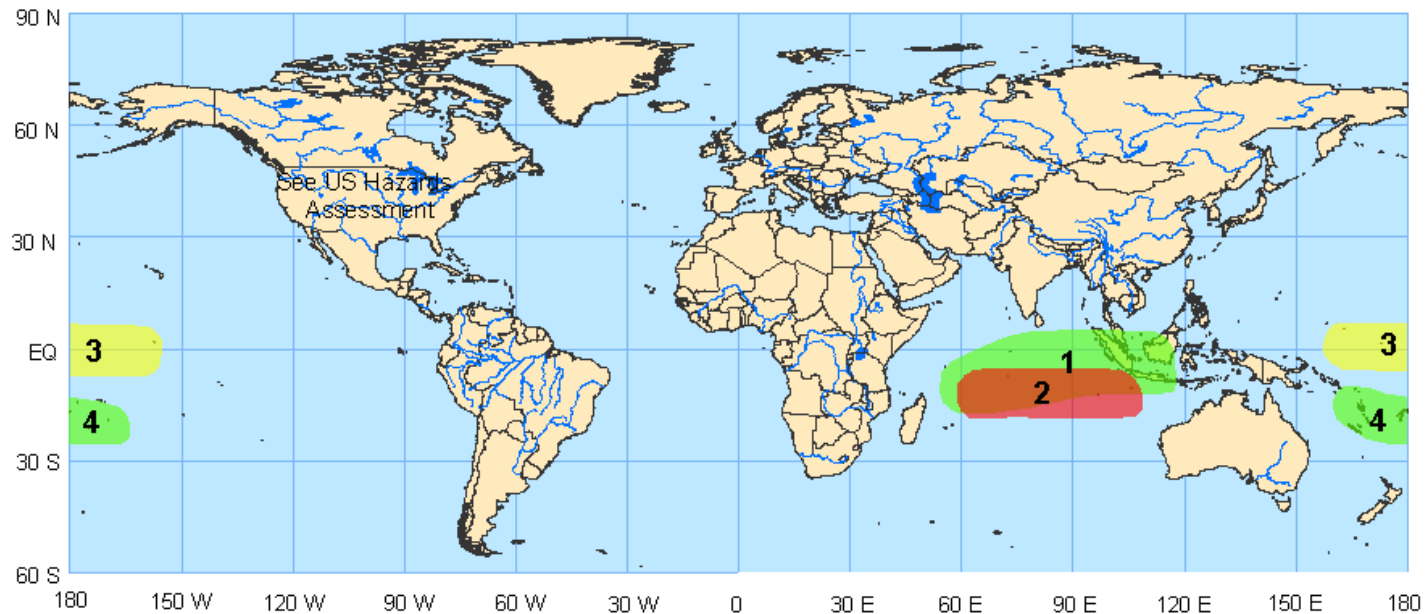
5. An increased chance for above-average rainfall for portions of the South Pacific Convergence Zone (SPCZ). The SPCZ is typically enhanced during La Nina so wet conditions are expected in this region. **Confidence: Moderate**

6. An increased chance for below-average rainfall for the equatorial Pacific Ocean near the Date Line. Conditions consistent with La Nina (suppressed convection) are expected to result in dry conditions in this region. **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 to the user.

Issued: 2/25

Week 2 Outlook – Valid: March 4 – 10, 2008



1. An increased chance for above-average rainfall for the Indian Ocean and western Maritime continent. La Nina conditions and the potential for the enhanced convective phase of the MJO to enter the Indian Ocean is expected to result in enhanced rainfall in this area. **Confidence: Moderate**

2. Favorable conditions exist for tropical cyclogenesis across the Indian Ocean. La Nina conditions and the potential enhanced convective phase of the MJO is expected to convection in this region and increase the chances for low-level westerly flow, upper-level divergence, and other factors favorable for tropical development. **Confidence: Moderate**

3. An increased chance for below-average rainfall for the equatorial Pacific Ocean near the Date Line. Conditions consistent with La Nina (suppressed convection) are expected to result in dry conditions in this region. **Confidence: High**

4. An increased chance for above-average rainfall for portions of the South Pacific Convergence Zone (SPCZ). The SPCZ is typically enhanced during La Nina so wet conditions are expected in this region. **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 to the user.