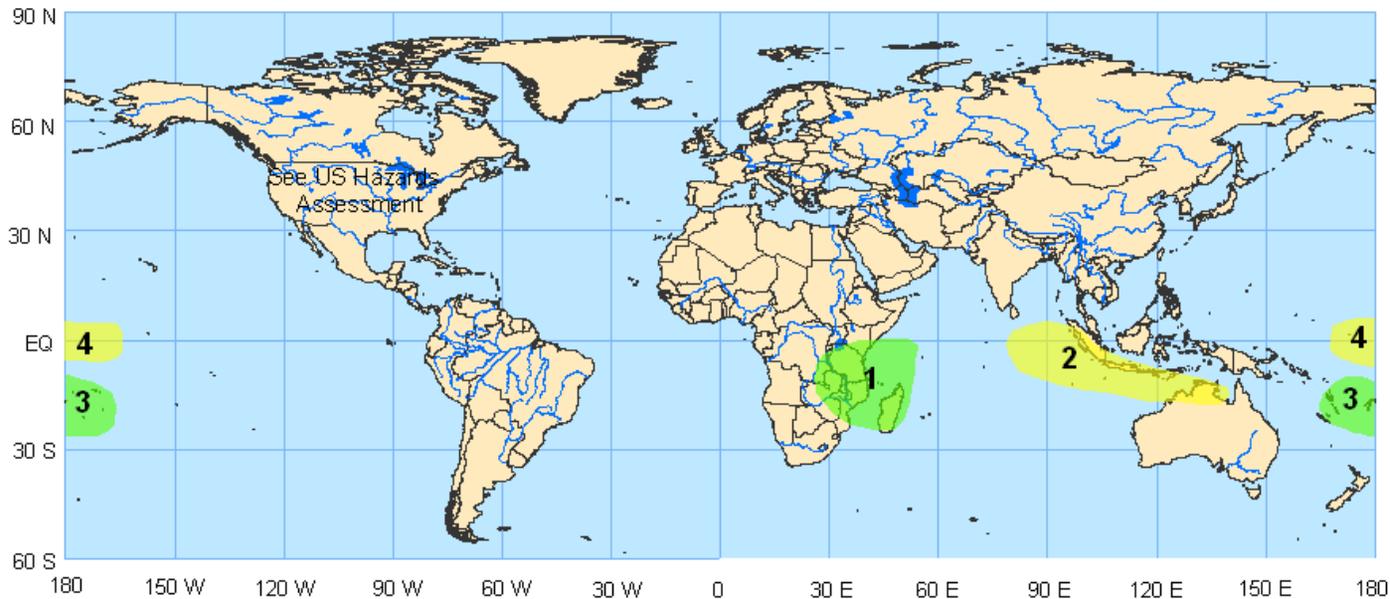


Experimental Global Tropics  
Hazards/Benefits Assessment

Update prepared by:  
Climate Prediction Center / NCEP  
January 14, 2008

Issued: 1/14

## Week 1 Outlook – Valid: January 15 – 21, 2008

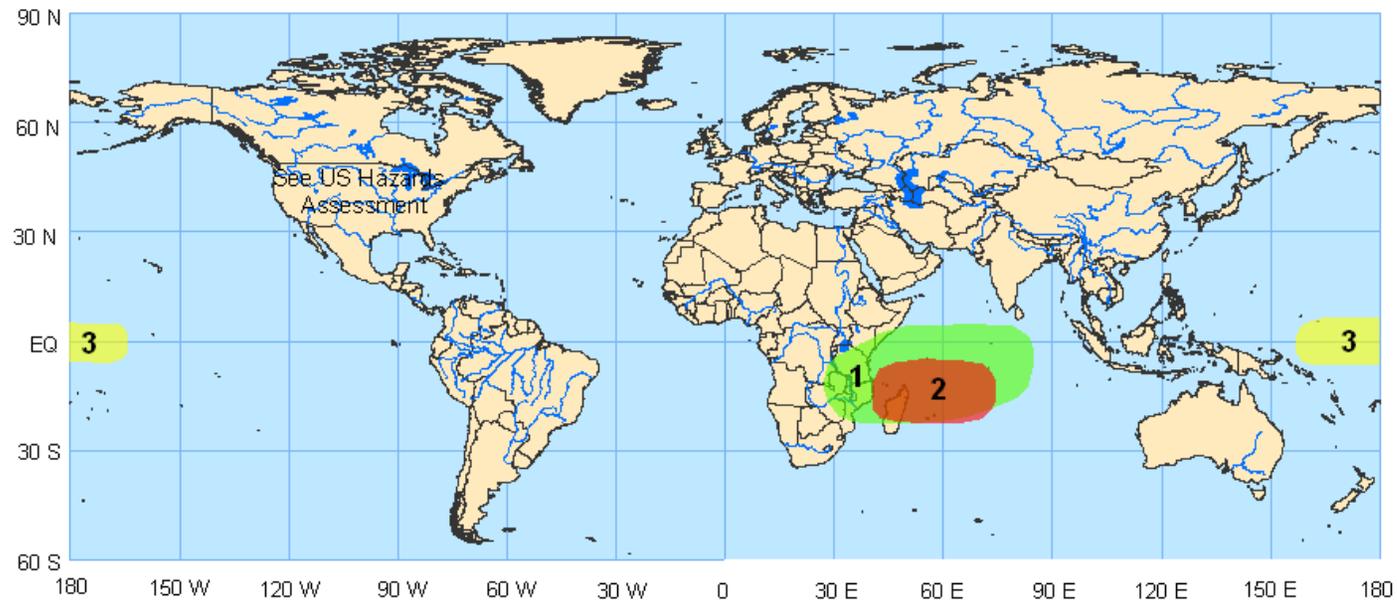


- 1. An increased chance for above-average rainfall for Madagascar and adjacent southeastern regions of Africa.** The enhanced phase of the MJO is expected to continue to support a favorable large-scale environment for convection and rainfall. Above average sea surface temperatures in some areas will also contribute to enhanced rainfall. **Confidence: High**
- 2. An increased chance for below-average rainfall for the eastern Indian Ocean, Indonesia, and parts of northern Australia.** The suppressed phase of the MJO is expected to result in dry conditions across these areas and numerical weather forecast guidance also supports suppressed convection in this region. **Confidence: High**
- 3. An increased chance for above-average rainfall near the Date Line (south of the equator) in the central Pacific.** La Nina and the exiting enhanced phase of the MJO is expected to continue to support a favorable large-scale environment for convection and rainfall. Above average sea surface temperatures in some areas will also contribute to enhanced rainfall. **Confidence: Moderate**
- 4. 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 continue dry conditions across sections of the western Pacific Ocean. **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.

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## Week 2 Outlook – Valid: January 22 – 28, 2008



**1. An increased chance for above-average rainfall for sections of southeast Africa and the western and central Indian Ocean.** The enhanced phase of the MJO is expected to result in a favorable large-scale environment for convection and result in wet conditions for this region during the period. La Nina conditions will also contribute to enhanced rainfall across southeast Africa. **Confidence: Moderate**

**2. Favorable conditions exist for tropical cyclogenesis north and east of Madagascar.** The enhanced phase of the MJO is expected to result in active convection in the region and a greater likelihood of anomalous low-level westerly flow and upper-level divergence producing an elevated risk for tropical development especially late during the period. Also, SSTs remain above average across much of this region and objective genesis tools support an enhanced risk in this area. **Confidence: Moderate**

**3. An increased chance for below-average rainfall for the equatorial western Pacific Ocean near the Date Line.** The suppressed phase of the MJO and conditions associated with La Nina are expected to contribute to large-scale subsidence and dry conditions in this region during the period. **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.