Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
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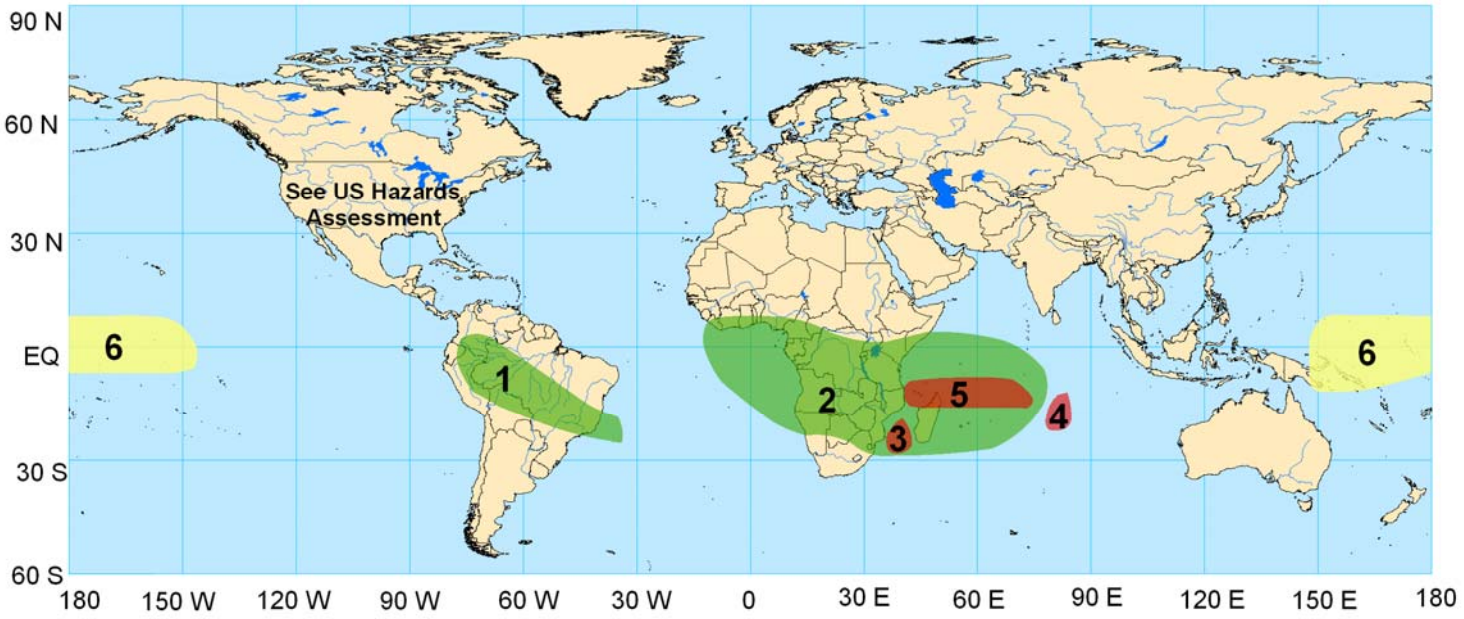
Issued: 3/10

Week 1 Outlook – Valid: March 11 - 17, 2008



1. An increased chance for above-average rainfall for areas of northern South America including parts of Brazil. The enhanced phase of the MJO and interaction with the extratropical circulation are expected to result in wet conditions in this region**. Confidence: Moderate**

2. An increased chance for above-average rainfall across parts of Africa and the western Indian Ocean. The enhanced phase of the MJO is expected to support widespread convection and above-average rainfall in this region. **Confidence: Moderate**

3. Tropical Cyclone Jokwe will track south across the Mozambique Channel and impact these waters with heavy rainfall, strong winds, and high seas.

4. Tropical Cyclone Kamba will track south across the southern Indian Ocean and impact these waters with heavy rainfall, very strong winds, and high seas.

5. An increased chance for tropical cyclone development in the southwest Indian Ocean. The enhanced phase of the MJO is expected to result in a favorable large scale environment for convection, a greater likelihood for upper-level divergence, low-level westerly flow and other factors favorable for tropical cyclone development. Statistical tropical cyclone forecasts further support development in this region. **Confidence: Moderate**

6. An increased chance for below-average rainfall for the central equatorial Pacific. Conditions consistent with La Nina (suppressed convection) and the suppressed phase of the MJO signal 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.

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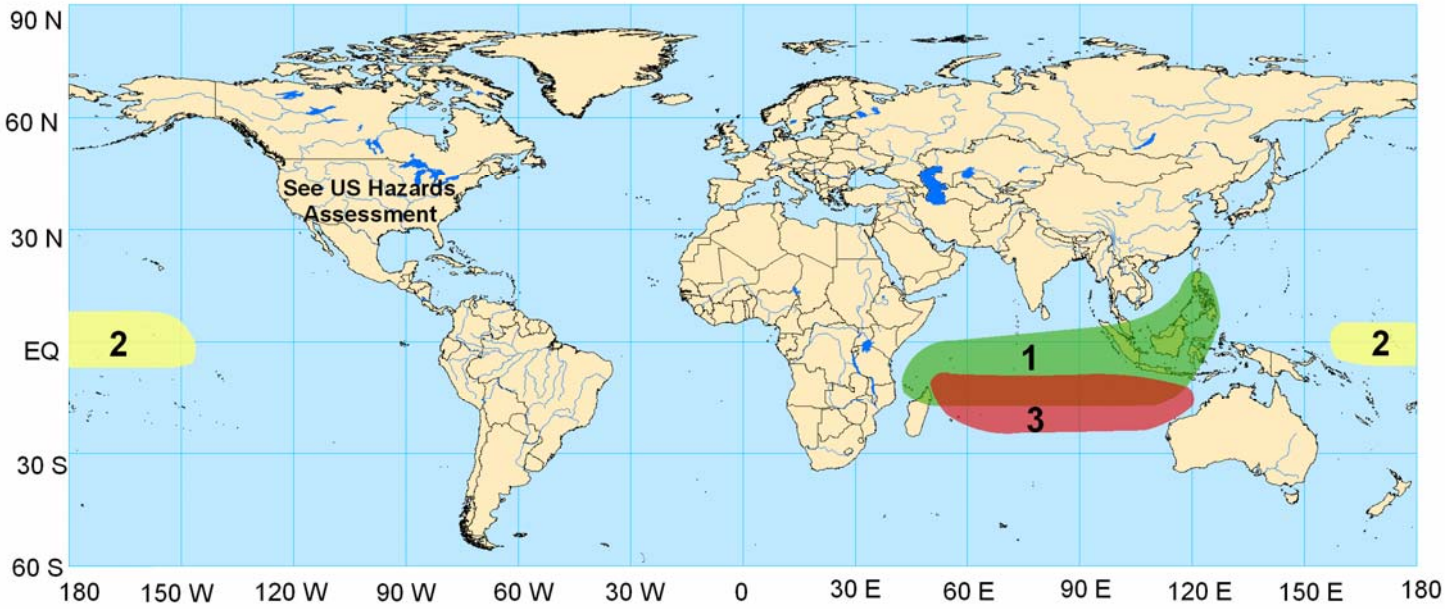
Week 2 Outlook – Valid: March 18 – 25, 2008



1. An increased chance for above-average rainfall across the Indian Ocean, Indonesia, and the Philippines. The enhanced phase of the MJO is expected to result in above-average rainfall in this region. **Confidence: Moderate**

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

3. An increased chance for tropical cyclone development in the southern Indian Ocean. The enhanced phase of the MJO is expected to result in a favorable large scale environment for convection, a greater likelihood for upper-level divergence, low-level westerly flow and other factors favorable for tropical cyclone development. Statistical tropical cyclone forecasts further support development 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.