#### Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 1/25/2010

Product issued once per week with no updates. Conditions are subject to change after issuance time and before next outlook.

Product targets broad scale conditions integrated over a 7 day period for US interests only. Please also consult your local responsible forecast agency.

# Week 1 Outlook - Valid: January 26 - February 1, 2010



### **Synopsis**:

- 1. <u>An increased chance for above-average rainfall for parts of southern Africa and Madagascar.</u> Stronger than normal low-level convergence is expected to enhance the likelihood for above-average rainfall in this region. <u>Confidence: Moderate</u>
- 2. <u>An increased chance for tropical cyclogenesis for waters northeast of Madagascar</u>. Statistical and dynamical genesis tools indicate increased chances for tropical cyclogenesis in this region. <u>Confidence: Moderate</u>
- **3.** <u>An increased chance for below-average rainfall for parts of eastern Indian Ocean and western Maritime continent.</u> The suppressed convective phase of the MJO and El Nino favors suppressed rainfall in this region. <u>Confidence: High</u>
- **4.** <u>An increased chance for tropical cyclogenesis for waters northeast of Australia.</u> The forecast phase of the MJO favors tropical development in this area during the period. <u>Confidence: Moderate</u>
- **5.** <u>An increased chance for above-average rainfall for parts of the western Pacific.</u> The MJO and the current El Nino conditions favor enhanced rainfall in this region. <u>Confidence: High</u>
- **6.** <u>An increased chance for below-average rainfall for parts of eastern Brazil.</u> The current El Nino conditions, the suppressed convective phase of the MJO, and numerical forecast guidance supports suppressed rainfall in this region. <u>Confidence: High</u>
- 7. An increased chance for above-average rainfall for parts of southeast Brazil. Persistent frontal activity favors enhanced rainfall in this region.

  Confidence: High

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# Week 2 Outlook - Valid: February 2 - 8, 2010



### **Synopsis:**

- 1. <u>An increased chance for below-average rainfall for portions of southern Africa.</u> El-Niño conditions favor below-average rainfall in this region, and specifically anomalous divergent flow over the southern Mozambique channel is forecast to reinforce the background El-Niño conditions. <u>Confidence: Moderate</u>
- 2. <u>An increased chance for below-average rainfall for parts of eastern Indian Ocean and the Maritime continent.</u> The suppressed convective phase of the MJO favors suppressed rainfall in this region. <u>Confidence: High</u>
- **3.** <u>An increased chance for above-average rainfall for parts of the western Pacific.</u> The MJO and the current El Nino conditions favor suppressed rainfall in this region. <u>Confidence: High</u>
- **4.** <u>An increased chance for below-average rainfall for parts of eastern Brazil.</u> The current El Nino conditions, the exiting suppressed convective phase of the MJO and numerical forecast guidance supports suppressed rainfall in this region. **Confidence: Moderate**
- 5. An increased chance for above-average rainfall for parts of southeast Brazil. Persistent frontal activity favors enhanced rainfall in this region.

**Confidence: Moderate**