**Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 2/16/2010**

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: February 16 - 22, 2010**

**Synopsis:**
1. An increased chance for below-average rainfall for the Maritime Continent. El-Niño conditions favor below-average rainfall in this region. **Confidence: High**
2. An increased chance for tropical cyclone development in the south-central Pacific. El-Niño conditions favor tropical cyclogenesis in this region. Numerical models also support tropical cyclone development during the period. **Confidence: High**
3. An increased chance for above-average rainfall for parts of the central Pacific. El-Niño conditions favor above-average rainfall in this region. **Confidence: High**
4. An increased chance for below-average rainfall for eastern Brazil. El-Niño conditions and numerical forecast guidance supports suppressed rainfall in this region. **Confidence: High**
5. An increased chance for below-average rainfall for Hawaii. El-Niño conditions and numerical forecast guidance supports suppressed rainfall in this region. **Confidence: High**
6. An increased chance for tropical cyclone development in the Mozambique Channel. Enhanced convection and favorable low-level winds is expected to increase the chances for tropical cyclone development in this region. **Confidence: Low**
7. An increased chance for above-average rainfall for parts of southern Africa. Strong low-level convergence due to anomalous westerly winds from the Atlantic and easterly winds from the Indian Ocean is expected to enhance rainfall in this region. **Confidence: Moderate**

**ACTIVE TROPICAL CYCLONES:**
- **South Pacific Ocean:** Tropical Cyclone Rene (24.7S, 179.6W). Consult updates from the Joint Typhoon Warning Center.
- **South Indian Ocean:** Tropical Cyclone 16S (11.0S, 59.6E). Consult updates from the Joint Typhoon Warning Center.

**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.
**Week 2 Outlook – Valid: February 23 – March 1, 2010**

**Synopsis:**

1. **An increased chance for below-average rainfall for the Maritime Continent.** El-Niño conditions favor below-average rainfall in this region. **Confidence: High**

2. **An increased chance for tropical cyclone development in the south-central Pacific.** El-Niño conditions favor tropical cyclogenesis in this region. Numerical models also support tropical cyclone development during the period. **Confidence: High**

3. **An increased chance for above-average rainfall for parts of the central Pacific.** El-Niño conditions favor above-average rainfall in this region. **Confidence: High**

4. **An increased chance for below-average rainfall for Hawaii.** El-Niño conditions and numerical forecast guidance supports suppressed rainfall in this region. **Confidence: High**

5. **An increased chance for above-average rainfall for parts of central Mexico and the Caribbean.** The interaction between tropical moisture and low-latitude frontal systems is expected to elevate the odds for wet conditions in this region. **Confidence: Moderate**

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