### Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 11/01/2010

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: November 2 - 8, 2010



- 1. <u>An increased chance for below-average rainfall for south-central Africa.</u> Westerly low-level wind anomalies and numerical forecast guidance favors suppressed convection in the region during the period. <u>Confidence: Moderate</u>
- 2. <u>An increased chance for tropical cyclogenesis for the Bay of Bengal and South China Sea.</u> Active convection, favorable low-level winds, above-normal SST's, and weak vertical wind shear favor tropical development in this area. Numerical forecast guidance also indicates development during the period. Confidence: High
- SST's, and weak vertical wind shear favor tropical development in this area. Numerical forecast guidance also indicates development during the period. Confidence: High

  3. An increased chance for above-average rainfall for the eastern Indian Ocean, Maritime continent, parts of southern Asia, the Philippines
- <u>and northeast Australia.</u> A combination of La Nina conditions, coherent subseasonal tropical variability, current and potential tropical cyclone activity, above-normal SST's and numerical forecast guidance favors enhanced rainfall in this area. **Confidence: High**
- **4.** <u>An increased chance for below-average rainfall for the west-central Pacific Ocean.</u> La Niña conditions and numerical forecast guidance support suppressed convection in the region. <u>Confidence: High</u>
- **5.** <u>An increased chance for above-average rainfall for the Caribbean and parts of the western Atlantic.</u> Heavy rainfall associated with Tropical Cyclone Tomas is expected to produce areas of heavy rainfall and high winds in this region and potential flooding and landslides over land areas. **Confidence: High**
- **6.** <u>An increased chance for above-average rainfall for parts of northeast Brazil</u>. Associated frontal activity is expected to continue the surge of the South American monsoon during the period. <u>Confidence: Moderate</u>
- 7. <u>An increased chance for below-average rainfall for parts of central South America.</u> Numerical model guidance indicates suppressed convection and rainfall in the region during the period. <u>Confidence: Moderate</u>

#### \*\* ACTIVE TROPICAL CYCLONES:

<u>Caribbean Sea:</u> Tropical Cyclone Tomas (13.6N, 68.7W) → Consult updates from the National Hurricane Center <u>Southern Indian Ocean:</u> Tropical Cyclone Anggrek (10.6S, 97.5E) → Consult updates from the Joint Typhoon Warning Center

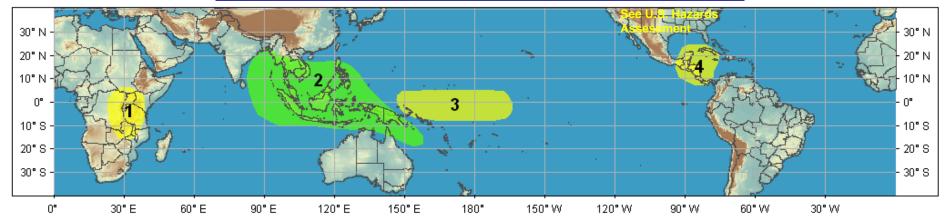
Please note: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.

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# Week 2 Outlook - Valid: November 9 - 15, 2010



- 1. <u>An increased chance for below-average rainfall for south-central Africa.</u> Westerly low-level wind anomalies and numerical weather forecast guidance favors suppressed convection in the region during the period. <u>Confidence: Moderate</u>
- 2. An increased chance for above-average rainfall for the eastern Indian Ocean, Maritime continent, parts of southern Asia, the Philippines and northeast Australia. A combination of La Nina conditions, coherent subseasonal tropical variability, current and potential tropical cyclone development, above-normal SST's and numerical forecast guidance favors enhanced rainfall in this area. Confidence: Moderate
- 3. <u>An increased chance for below-average rainfall for the west-central Pacific Ocean.</u> La Niña conditions and numerical forecast guidance support suppressed convection in the region. <u>Confidence: High</u>
- **4.** <u>An increased chance for below-average rainfall for Central America and much of the Caribbean.</u> Numerical model guidance indicates a strong push of drier northerly flow during the period into the subtropics which favors drier-than-average conditions during the period. <u>Confidence: Moderate</u>

<u>Please note</u>: 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.