#### Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 7/5/2010

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: July 6 – July 12, 2010



## Synopsis:

- 1. An increased chance for above average rainfall for parts of the southern Asia, Bay of Bengal and the western Maritime Continent. A persistent regional scale circulation, including developing La Nina conditions, and above-normal sea surface temperatures favors elevated rainfall in these areas during the period. Confidence: Moderate
- 2. <u>An increased chance for below-average rainfall for the western Pacific and Philippines.</u> Developing La Nina conditions and numerical weather forecast guidance support suppressed rainfall in this region. Confidence: High
- 3. <u>An increased chance for above-average rainfall for parts of Mexico, Central America, the Caribbean and northern South America</u>. Large scale favorable low-level winds, above-normal sea surface temperatures, potential tropical cyclone activity and weather forecast guidance supports wet conditions in these areas. Confidence: High
- **4.** <u>An enhanced chance for tropical cyclogenesis for the western Gulf of Mexico.</u> An easterly wave is forecast to enter this area and conditions are reasonably favorable for tropical development early in the period as sea surface temperatures are above normal and vertical wind shear is expected to remain low. **Confidence: Moderate**

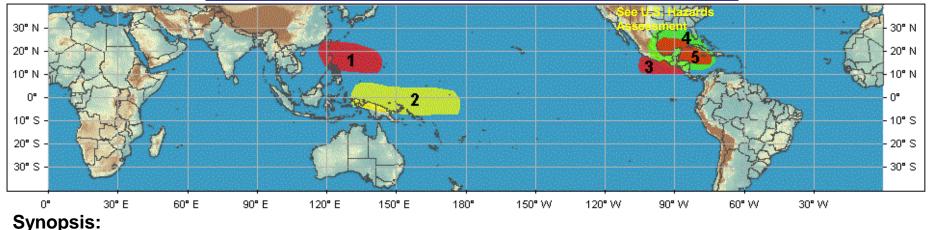
<u>Please note</u>: Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.

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# Week 2 Outlook – Valid: July 13 – July 19, 2010



- 1. <u>An enhanced chance for tropical cyclogenesis for the northwest Pacific.</u> Extended range numerical forecast guidance indicates potential development in this area during the period. Sea surface temperatures are also above average in this area. <u>Confidence: Moderate</u>
- 2. <u>An increased chance for below-average rainfall for the western Pacific.</u> Developing La Nina conditions and numerical weather forecast guidance supports suppressed rainfall in this region. <u>Confidence: High</u>
- 3. <u>An enhanced chance for tropical cyclogenesis for the eastern Pacific.</u> Extended range numerical forecast guidance indicates potential development in this area during the period. <u>Confidence: Moderate</u>
- **4.** <u>An increased chance for above-average rainfall for parts of Mexico, Central America, and the Caribbean</u>. Large scale favorable low-level winds, above-normal sea surface temperatures, potential tropical cyclone activity and weather forecast guidance supports wet conditions in these areas. **Confidence: High**
- **5.** <u>An enhanced chance for tropical cyclogenesis for the northwest Caribbean and southern Gulf of Mexico.</u> Continued tropical easterly waves are forecast to enter these areas around surface high pressure over the Atlantic. Sea surface temperatures and vertical wind shear are expected to remain favorable during the period. **Confidence: Moderate**

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