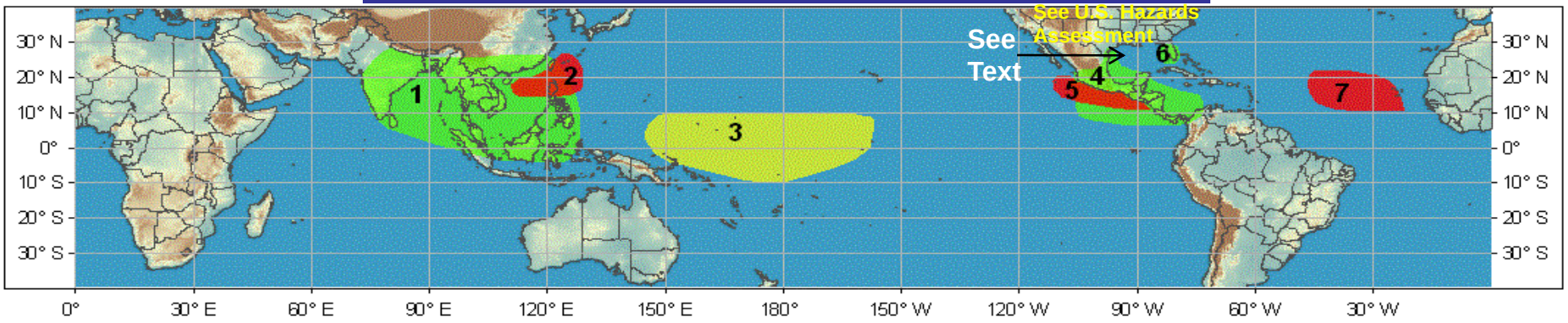
Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 8/23/2010

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: August 24-30, 2010



Synopsis:

1.An increased chance for above-average rainfall for areas from India to the Philippines. Subseasonal coherent tropical variability, La Niña conditions, numerical weather forecast guidance, and above-normal sea surface temperatures (SSTs) favor elevated rainfall. **Confidence: High**

2. An increased chance for tropical cyclogenesis across the South China Sea and parts of the western Pacific. Areas of weak vertical wind shear and above normal SSTs in this region are expected to enhance the threat of tropical cyclone formation . **Confidence: Moderate**

3. An increased chance for below-average rainfall for the west-central Pacific. La Niña conditions and numerical weather forecast guidance support suppressed rainfall in this region. **Confidence: High**

4. An increased chance for above-average rainfall for Mexico, Central America, parts of the eastern Pacific, and south Texas. A combination of subseasonal coherent tropical variability (including easterly waves) , La Niña conditions, and numerical forecast guidance support enhanced rainfall. **Confidence: Moderate**

5. An increased chance for tropical cyclogenesis across the eastern Pacific. Active convection in Mexico and the eastern Pacific elevates the threat of tropical cyclone formation in this region. **Confidence: Moderate**

6. An increased chance for above-average rainfall for the Florida peninsula. A stalled frontal system increases the threat for heavy rainfall in this region. **Confidence: High**

7. An increased chance for tropical cyclogenesis across the east-central Atlantic. Weak vertical wind shear, above-normal SSTs, and easterly waves emerging from western Africa favor an increased threat of tropical cyclone formation. **Confidence: Moderate**

TEXT ITEM: Some forecast guidance suggest development across the northwest Gulf of Mexico but the threat is considered low at the current time.

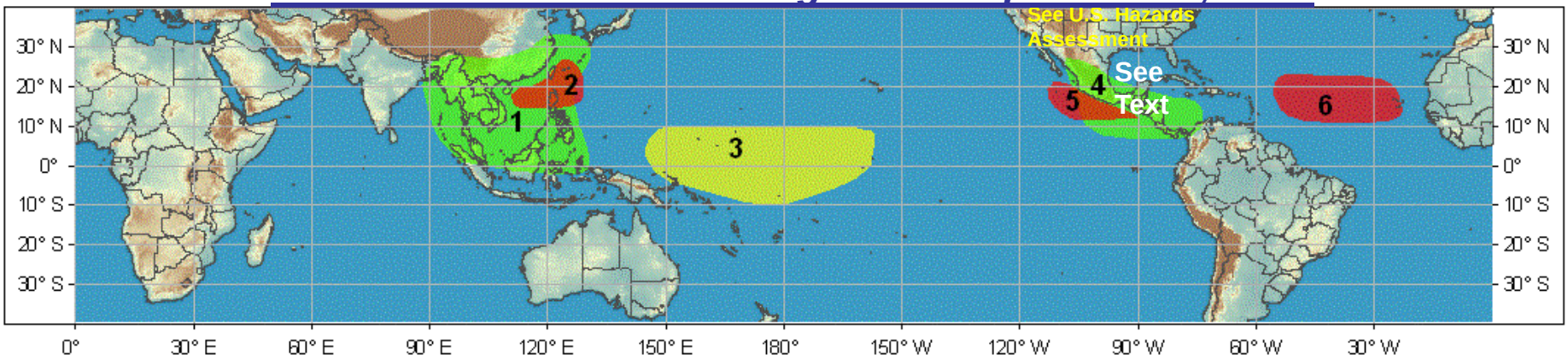
**ACTIVE TROPICAL CYCLONES (Consult National Hurricane Center and the Joint Typhoon Warning Center for updates):
Atlantic : Tropical Storm Danielle, 15.1 N, 39.4 W; Eastern Pacific : Tropical Storm Frank, 14.8 N, 98.7 W; Western Pacific: Tropical Storm Mindulle, 16.5 N, 108.9 E)

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.

Global Tropics Hazards/Benefits Assessment - Climate Prediction Center - Issued: 8/23/2010

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 2 Outlook – Valid: August 31-September 6, 2010



Synopsis:

1. **An increased chance for above-average rainfall for the Maritime Continent, south China, and parts of the west Pacific.** Subseasonal coherent tropical variability, La Niña conditions, numerical weather forecast guidance, and above-normal sea surface temperatures (SSTs) favor elevated rainfall. **Confidence: High**
2. **An increased chance for tropical cyclogenesis across the South China Sea and parts of the western Pacific.** Areas of weak vertical wind shear and above normal SSTs in this region are expected to enhance the threat of tropical cyclone formation . **Confidence: Moderate**
3. **An increased chance for below-average rainfall for the west-central Pacific.** La Niña conditions and numerical weather forecast guidance support suppressed rainfall in this region. **Confidence: High**
4. **An increased chance for above-average rainfall for the Caribbean, Central America, Mexico and parts of the eastern Pacific.** A combination of subseasonal coherent tropical variability, La Niña conditions and numerical weather forecast guidance support enhanced rainfall in this region. **Confidence: Moderate**
5. **An increased chance for tropical cyclogenesis across the eastern Pacific**. Active convection across Mexico and the eastern Pacific elevates the threat of tropical cyclone formation in this region. **Confidence: Moderate**
6. **An increased chance for tropical cyclogenesis across the central Atlantic.** Subseasonal coherent tropical variability including easterly waves and weak vertical wind shear favors an increased threat for tropical development. **Confidence: Moderate**

TEXT ITEM: Some numerical guidance solutions and subseasonal coherent tropical variability favor a slightly increased chance for tropical cyclogenesis across the western Caribbean and southern Gulf of Mexico during the Week-2 period.

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.