Experimental Global Tropics Hazards/Benefits Assessment

Update prepared by:
Climate Prediction Center / NCEP
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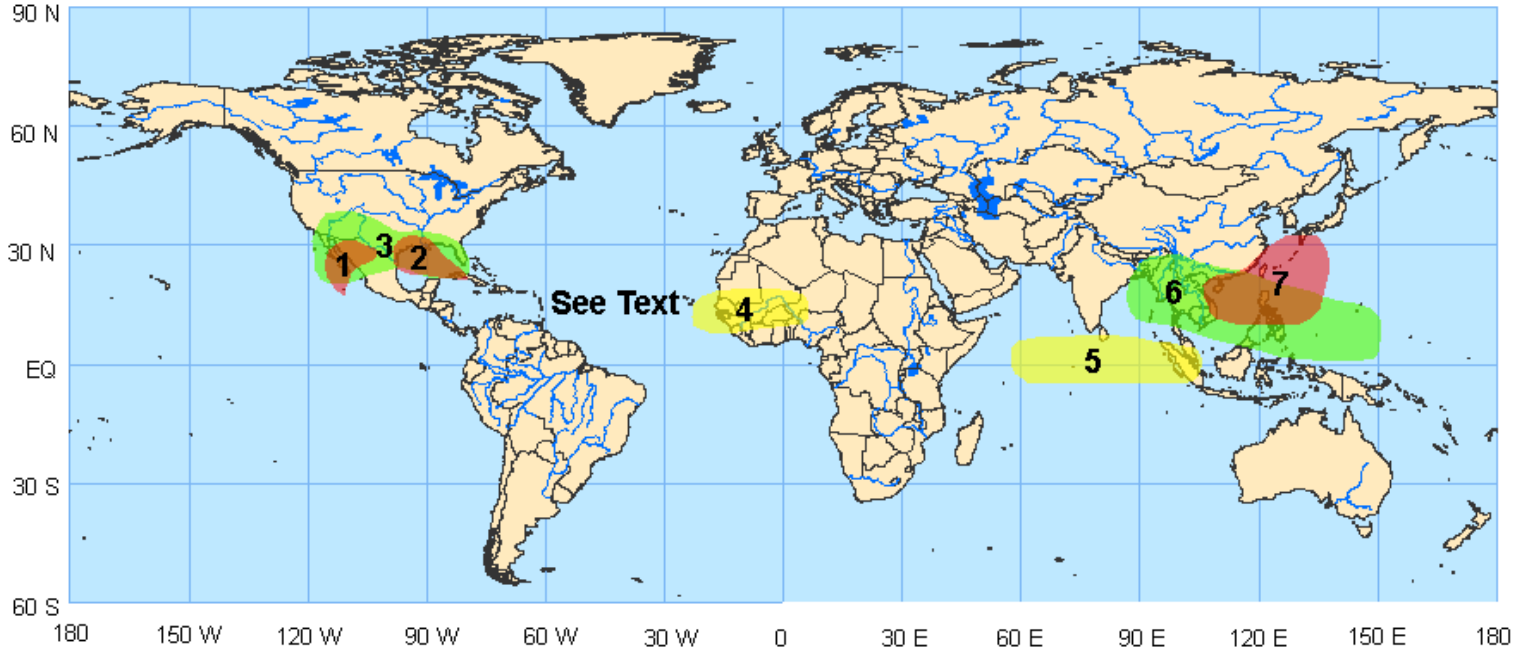
Issued: 9/8

Week 1 Outlook – Valid: Sep 9 - 15, 2008



1. Tropical Storm Lowell will eventually turn to the northeast and impact Baja California and nearby waters with heavy rain, very strong winds and high seas.

2. Hurricane Ike is currently expected to continue moving to the northwest and will impact Cuba, the Gulf of Mexico and later the US Gulf Coast with flooding rains, extreme winds, and dangerous seas. Monitor the latest forecasts from the National Hurricane Center for updates on Ike.

3. An increased chance for above-average rainfall for much of the southern tier of the US, northern Mexico and the western Caribbean. Rainfall associated with Tropical Storm Lowell and a favorable orientation of a mid-latitude trough along the US west coast are expected to result in wet conditions across the southwest US. Rainfall associated with Hurricane Ike increases the chances for above-average rainfall across the US Gulf Coast and Caribbean. **Confidence: High**

4. An increased chance for below-average rainfall over the western Sahel region of Africa. Anomalous high pressure and the suppressed phase of the MJO are expected to result in dry conditions during the period. **Confidence: Moderate**

5. An increased chance for below-average rainfall for the equatorial Indian Ocean. The suppressed phase of the MJO is expected to result in dry conditions in this region during the period. **Confidence: High**

6. An increased chance for above-average rainfall stretching from the Bay of Bengal to the western Pacific. The enhanced phase of the MJO is expected to result in wet conditions in this region during the period. **Confidence: High**

7. An increased chance for tropical cyclogenesis for the South China Sea and the far western Pacific. A favorable phase of the MJO (enhanced convection, favorable low-level winds and anticipated weak vertical shear) increase the threat for tropical development during the period. **Confidence: Moderate** **TD 15W** is expected to strengthen and threaten southern Japan.

See Text Item: The suppressed phase of the MJO is expected to result in a decrease in Atlantic tropical cyclone activity during the 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.

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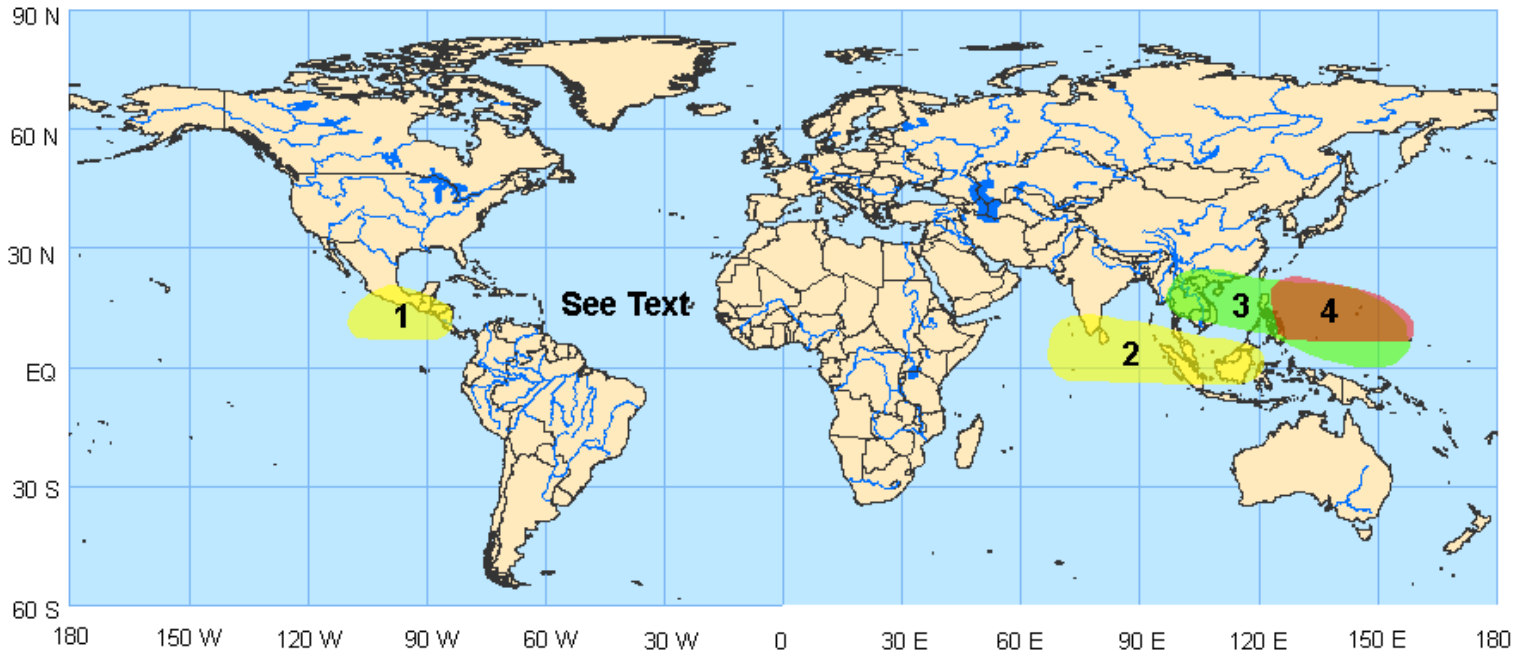
Week 2 Outlook – Valid: Sep 16 – 22, 2008



1. An increased chance for below-average rainfall for the eastern Pacific, southern Mexico and parts of Central America. The suppressed phase of the MJO is expected to result in dry conditions in this region during the period. **Confidence: Moderate**

2. An increased chance for below-average rainfall for the equatorial Indian Ocean and western Indonesia. The suppressed phase of the MJO is expected to result in dry conditions in this region during the period. **Confidence: Moderate**

3. An increased chance for above-average rainfall stretching from Southeast Asia into the western Pacific. The enhanced phase of the MJO is expected to result in wet conditions in this region during the period. **Confidence: Moderate**

4. An increased chance for tropical cyclogenesis for the western Pacific. A favorable phase of the MJO (enhanced convection, favorable low-level wind anomalies and anticipated weak vertical shear) increase the threat for tropical development during the period. **Confidence: Moderate**

See Text Item: The suppressed phase of the MJO is expected to result in a decrease in Atlantic tropical cyclone activity during the 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.