Global Tropics Hazards And Benefits Outlook

May 28, 2013

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Outline

1. Review of Recent Conditions
2. Synopsis of Climate Modes
3. GTH Outlook and Forecast Discussion
Outlook Review

Cool shading
More clouds/rain

Warm shading
Less clouds/rain
**ENSO:**
- ENSO-neutral conditions are favored to continue through late boreal summer 2013.

**MJO and other subseasonal tropical variability:**
- The MJO has remained weak over the past seven to ten days.
- Model MJO index forecasts indicate a weak signal very early during week-1 followed by renewed organization with the enhanced phase centered across Africa. There is a high amount of model spread, however.

**Tropics:**
- Elevated odds for TC development in the Caribbean during weeks 1 and 2. Caribbean looks to remain active during the next two weeks.
Global Tropics Hazards and Benefits Outlook - Climate Prediction Center

Week 1 - Valid: May 29, 2013 - Jun 04, 2013

Week 2 - Valid: Jun 05, 2013 - Jun 11, 2013

Preliminary

Confidence
High
Moderate

Tropical Cyclone Formation
Development of a tropical cyclone that eventually reaches tropical storm/cyclone strength.

Above-average rainfall
Weekly total rainfall in the upper third of the historical range.

Below-average rainfall
Weekly total rainfall in the lower third of the historical range.

Above-normal temperatures
7-day mean temperatures in the upper third of the historical range.

Below-normal temperatures
7-day mean temperatures in the lower third of the historical range.

Produced: 05/28/2013
Forecaster: Baxter

Product is updated once per week. The product targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.
IR Satellite & 200-hpa Velocity Potential Anomalies

Green: Enhanced Divergence   Brown: Enhanced Convergence
MJO Observation/Forecast
CFSv2 Forecast for Weeks 1 and 2

Week 1 Anomalies (mm/day) 28 May 2013 – 3 Jun 2013

Week 2 Anomalies (mm/day) 4 Jun 2013 – 10 Jun 2013
Outlined areas denote current position of systems discussed in the Tropical Weather Outlook. Color indicates probability of tropical cyclone formation within 48 hours.

- **Yellow**: Low <30%
- **Orange**: Medium 30-50%
- **Red**: High >50%
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