Global Tropics Hazards And Benefits Outlook
September 17, 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
Synopsis of Climate Modes

**ENSO:**
- ENSO-neutral conditions are favored to continue through late boreal winter 2013-2014.

**MJO and other subseasonal tropical variability:**
- The MJO has remained active over the past week, propagating from the Indian Ocean to the Maritime Continent.
- Model MJO index forecasts indicate a slowly propagating MJO from Phase 5 to Phase 6 of the Wheeler and Hendon phase diagram.

**Tropics:**
- Elevated odds for TC development in the western North Pacific during the next two weeks, including parts of the South China Sea. Development in this region is supported by the large-scale MJO signal.
- Moderate-to-high chances for TC development in the southern Gulf of Mexico during Week-1.
- The MJO supports suppressed activity across the Atlantic Basin over the next two weeks.
IR Satellite & 200-hpa Velocity Potential Anomalies

Green: Enhanced Divergence    Brown: Enhanced Convergence
CFSv2 Weeks 1 & 2 Precipitation
16 Member Ensemble Mean Forecast from 16Sep2013

Week 1 Anomalies (mm/day) 17Sep2013-23Sep2013

Week 2 Anomalies (mm/day) 24Sep2013-30Sep2013
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%

Go to Eastern Pacific Outlook
Global Tropics Hazards and Benefits Outlook - Climate Prediction Center

Week 1 - Valid: Sep 18, 2013 - Sep 24, 2013

Preliminary

Week 2 - Valid: Sep 25, 2013 - Oct 01, 2013

Preliminary

Produced: 09/17/2013
Forecaster: Baxter

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.

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.