Global Tropics Hazards And Benefits Outlook
October 22, 2013

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Outline

1. Review of Recent Conditions
2. Synopsis of Climate Modes
3. GTH Outlook and Forecast Discussion
4. Connections to U.S. Impacts
Outlook Review

Cool shading
More clouds/rain

Warm shading
Less clouds/rain
### Current Information:
- **Center Location**: 16.5 N 102.0 W
- **Max Sustained Wind**: 115 mph
- **Movement**: Stationary

### Forecast Positions:
- **Tropical Cyclone**
- **Post-Tropical**

### Sustained Winds:
- **D**: < 39 mph
- **S**: 39-73 mph
- **H**: 74-110 mph
- **M**: > 110 mph

### Potential Track Area:
- **Day 1-3**
- **Day 4-5**

### Watches:
- **Hurricane**
- **Trop.Storm**

### Warnings:
- **Hurricane**
- **Trop.Storm**

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*Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.*
Synopsis of Climate Modes

**ENSO:**
• ENSO-neutral is favored through the Northern Hemisphere spring 2014.

**MJO and other subseasonal tropical variability:**
• The MJO weakened during the past week with other modes of tropical intraseasonal variability influencing convection across the global tropics.

• Dynamical model MJO index forecasts generally indicate a continued weak MJO during the next week to ten days.

**Extratropics:**
• Recurvature of west Pacific typhoons maintaining a highly amplified flow across the north Pacific and North America during the next two weeks.
Global Tropics Hazards and Benefits Outlook - Climate Prediction Center


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: 10/22/2013
Forecaster: Pugh

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

Less Coherent During the Past Week
2013 Atlantic
Total Storms: 12
Hurricanes: 2
Major Hurricanes: 0

NOAA
Extratropics
Week 2 – Temperature and Precipitation