Global Tropics Hazards And Benefits Outlook
October 25, 2016

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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

North Indian:
TS3 “Kyant”
45 kt

East Pacific:
Seymour
110 kt (Cat. 3)

Cool shading
More clouds/rain

Warm shading
Less clouds/rain
Synopsis of Climate Modes

**ENSO:**
- **La Niña Watch**
- La Niña is favored to develop (~70% chance) during the Northern Hemisphere fall, and slightly favored to persist (~55% chance) this winter 2016-17.

**MJO and other subseasonal tropical variability:**
- MJO activity not present, instead low frequency modes appear to be driving the tropical circulation.
- Dynamical model guidance diverges regarding possible emergence of a potentially weak MJO over the next two weeks, but tends to suggest continued weakness of the intraseasonal signal.

**Extratropics: **
- Tropical and subtropical impacts related to the MJO are not anticipated at this time. Influences instead are expected to be driven by the low frequency state and possible tropical cyclone activity.
Global Tropics Hazards and Benefits Outlook - Climate Prediction Center

Week 1 - Valid: Oct 26, 2016 - Nov 01, 2016

Week 2 - Valid: Nov 02, 2016 - Nov 08, 2016

Confidence
High  Moderate

Tropical Cyclone Formation
Development of a tropical cyclone (tropical depression - TD, or greater 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: 10/25/2016
Forecaster: D.Harnos

Product is updated once per week, except from 6/1 - 11/30 for the region from 120E to 0, 0 to 40N. The product targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.
Incoherent pattern, strong anomalies associated with neg. Indian Ocean Dipole event over Maritime Continent.

Continued messy pattern, low-frequency signal and TCs over West Pacific most apparent.

Wave-3 pattern with more coherent spatial anomalies. Still appears largely tied to the low frequency state and TC activity.
Model guidance diverges in regards to MJO treatment. The GEFS briefly amplifies an East Pacific signal in week-2, while the ECMWF and UKMET support a possible weak MJO signal in the West Pacific during week-2.

Model spread is substantial, other guidance supports weakness in the RMM index.
Low frequency activity most apparent. Hints of Rossby wave and MJO activity over next two weeks, although inconsistency among models.
No new tropical cyclones are expected during the next five days.
Connections to U.S. Impacts
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