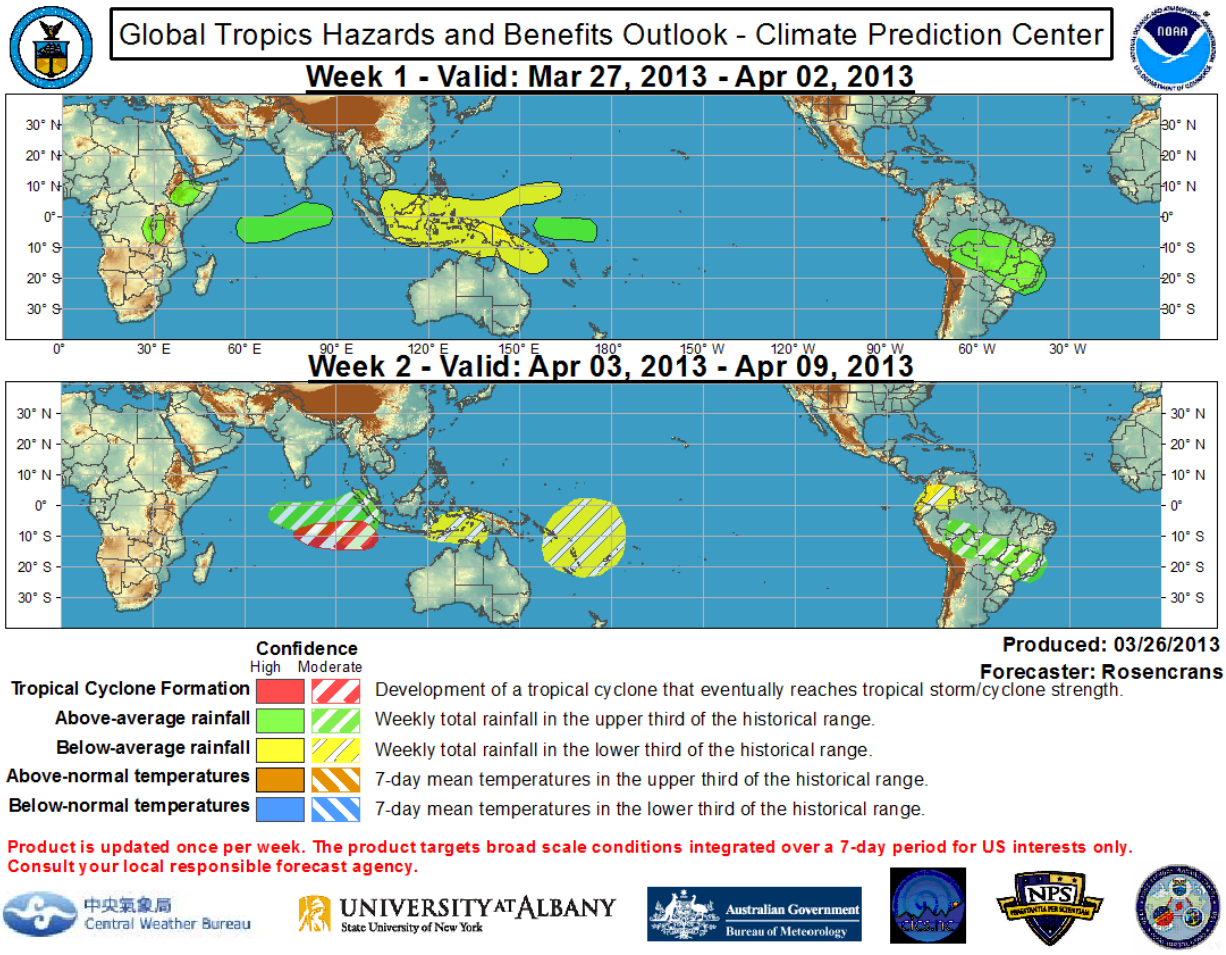

The MJO remained active over the past week with the enhanced convective phase centered over the Americas and Africa, with the subsident phase of the MJO over the Maritime Continent. The signal has weakened considerably in the last couple of days. Above-average precipitation was inferred from satellite measurements over northern South America, Africa, and the Horn of Africa, with drier than average conditions over the Maritime Continent, and portions of the eastern Pacific. Atmospheric Kelvin waves also impacted the precipitation and circulation over South America.

No tropical cyclones developd this past week.

The dynamical models are in good agreement about the forecast state of the MJO during the next two weeks, although most depict a weak signal, which is difficult to predict correctly. The statisical models depict a slightly stronger signal, although those forecasts have trended toward a weaker signal during the past two days. Overall, the forecasts indicate a pattern not dominated by the MJO, but rather with the MJO and a contributing factor, and a noisy pattern overall.

The Week-1 outlook is based primarily on the forecast phase of the MJO and the interaction with Kelvin Waves. Dry conditions are likely over the Maritime Continent and portions of the western Pacific. Above-average rains are likely over eastern Africa, the Indian Ocean, and portions of the South America, as the active phase of the MJO is likely to move to the Indian Ocean during week-1.

By week-2, the active phase of the MJO is likely to be over the eastern Indian Ocean, spurring convection and the increased threat of tropical cyclogenesis over the southeastern Indian Ocean. The progression of the Kelvin Waves from week-1 to week-2 provide additional support for the wet conditions of the Indian Ocean, and localized dry conditions over the Maritime Continent. Some residual wetness is also likely over South America, although the confidence there is only moderate, as the location of the convectively active phase of the MJO would not support that position.