Week 1 Outlook - Valid: Jan 11, 2011 - Jan 17, 2011

Synopsis:

1. **An increased chance for below-average rainfall for western Africa.** The suppressed phase of a strengthening MJO and numerical forecast guidance favor below average rainfall in this area during the period. **Confidence: Moderate**

2. **An increased chance for below-average rainfall for the eastern Indian Ocean.** The suppressed phase of a strengthening MJO favors below-average rainfall in this area. **Confidence: High**

3. **An increased chance for tropical cyclogenesis in the waters northwest of Australia.** Pre-existing disturbances in a region with above-normal SSTs favor tropical cyclone development. Numerical weather forecast guidance supports an increased chance for tropical cyclogenesis. **Confidence: Moderate**

4. **An increased chance for above-average rainfall for the eastern Maritime Continent, northern and eastern Australia and parts of the southwest Pacific.** La Nina conditions combined with the enhanced phase of a strengthening MJO signal support above-average rainfall. **Confidence: Moderate**

5. **An increased chance for tropical cyclogenesis along the south Pacific convergence zone (SPCZ).** Enhanced convection in a region with above-normal SSTs and decreasing low-level wind shear favor tropical cyclone development. Numerical weather forecast guidance supports an increased chance for tropical cyclogenesis. **Confidence: Moderate**

6. **An increased chance for below-average rainfall for the western and central Pacific.** La Nina conditions and numerical weather forecast guidance support below-average rainfall. **Confidence: High**

7. **An increased chance for above-average rainfall for Hawaii.** La Nina conditions and a series of frontal systems crossing Hawaii support above-average rainfall. **Confidence: High**

**Please note:** Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.
Synopsis:

1. **An increased chance for below-average rainfall for eastern Africa.** The suppressed phase of the MJO favors below average rainfall during the period. **Confidence: Moderate**

2. **An increased chance for below-average rainfall for the eastern Indian Ocean.** The suppressed phase of the MJO is expected to result in below-average rainfall. **Confidence: Moderate**

3. **An increased chance for below-average rainfall for the western and central Pacific.** La Nina conditions combined and numerical weather forecast guidance support below-average rainfall. **Confidence: High**

4. **An increased chance for above-average rainfall for parts of the south Pacific.** La Nina conditions combined with the enhanced phase of the MJO support above-average rainfall. **Confidence: High**

5. **An increased chance for tropical cyclogenesis along the south Pacific Convergence Zone (SPCZ).** Enhanced convection in a region with above-normal SSTs and decreasing low-level wind shear favor tropical cyclone development. **Confidence: Moderate**

6. **An increased chance for above-average rainfall across parts of northern South America including Brazil.** La Nina conditions combined with the enhanced phase of the MJO favor above-average rainfall in this area. **Confidence: Moderate**

**Please note:** Confidence estimates are subjective in nature and are not based on an objective scheme. The estimates are given to provide additional information to the user.