This map illustrates estimated total rainfall accumulation for Benin. This total estimate was derived from the Tropical Rainfall Monitoring Mission (TRMM) precipitation dataset at a spatial resolution of approximately 25km for this region, and covers the dates from 1 - 13 October 2010. It is possible that precipitation levels may have been underestimated for local areas, and is not a substitute for ground station measurements. The mean average rainfall totals by district have also been calculated and displayed in the inset map and associated table. This rainfall estimate is a preliminary result & has not yet been validated in the field.

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Programme (UNOSAT). UNOSAT provides satellite imagery and related geographic information to UN humanitarian and development agencies and their implementing partners.

### Map Legend

- **International Boundary**
- **Province Boundary**
- **Bathymetric Contour Lines**
- **Rainfall Contour (Isohyet) Lines**
- **Capital**

### Map Scale for A3: 1:3,300,000

1 centimeter = 33 kilometers

### Flooded Analysis

- **UNOSAT**
- **Rainfall Data**: TRMM (NASA)
- **Resolution**: 0.25 deg
- **Date Series**: 1 - 13 October 2010
- **Other GIS Data**: GIST, USGS, ESRI, GEBCO
- **Map Production**: UNOSAT (15 October 2010)
- **Projection**: UTM Zone 31 North
- **Datum**: WGS 1984

### Contact Information

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