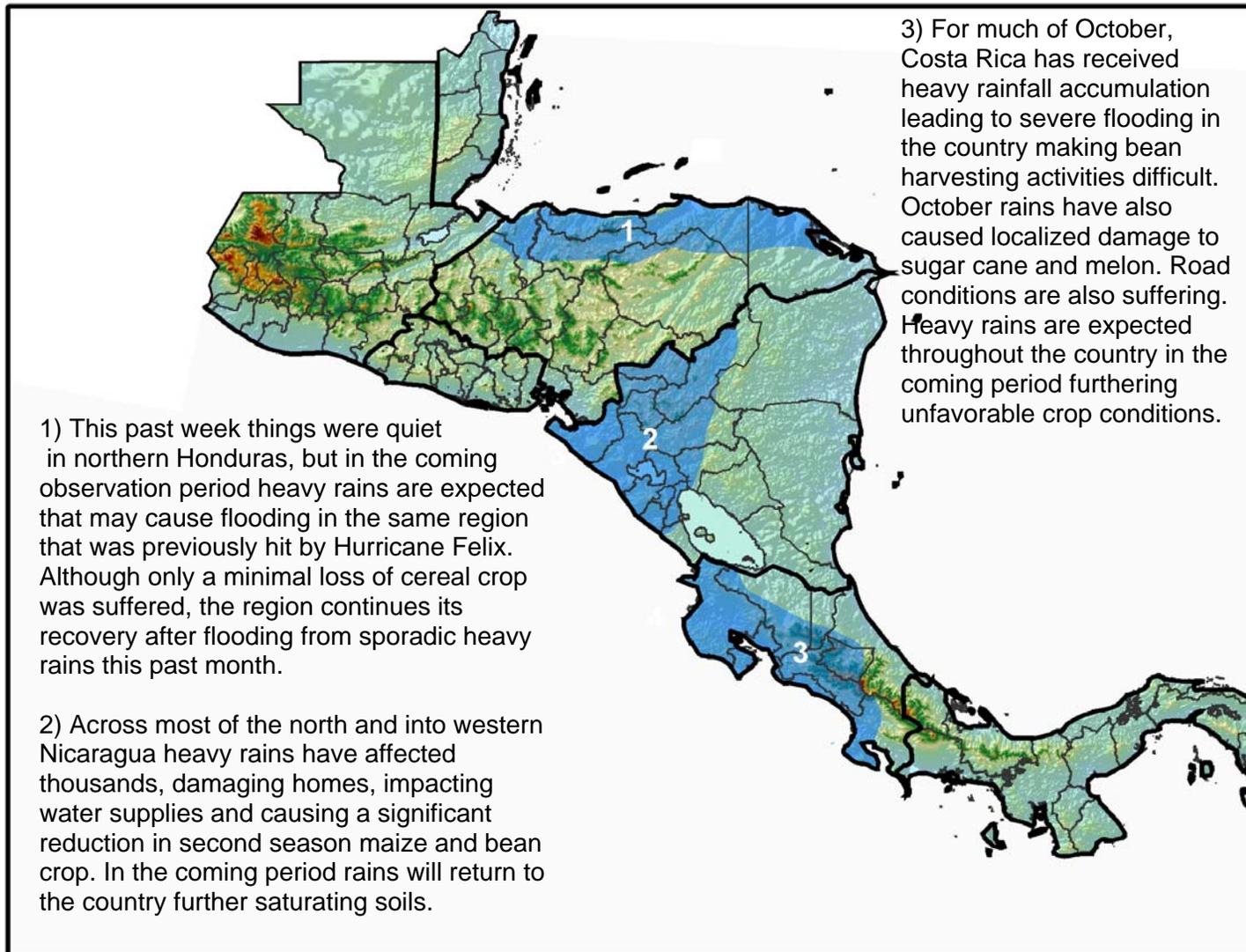


## The MFEWS

# Central America Weather Hazards and Benefits Assessment

For

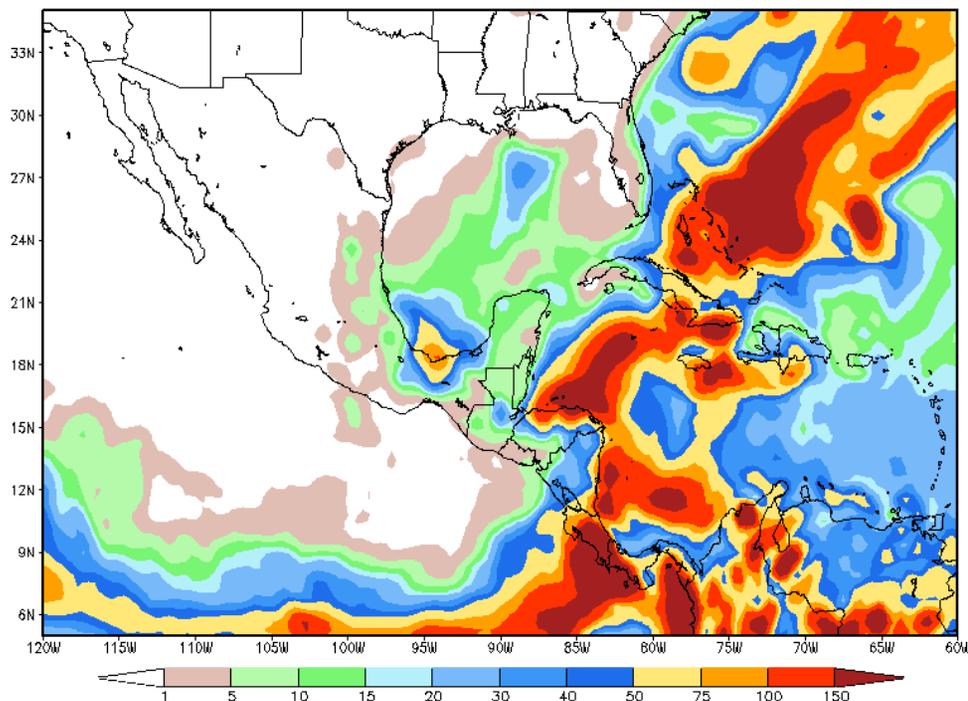
November 1 – November 7, 2007



## Hazards Assessment Text Explanation:

During the last observation period rainfall accumulation totals dropped across the region once again. Throughout most of October the region received well above normal rains having variable impacts on food security. In western Guatemala, eastern El Salvador, and southern Honduras floods and landslides characterized the second dekad of October. However these led to limited damage to food and cash crop. In the Gulf of Fonseca overly saturated soils are a concern because anymore major rain events in the coming weeks will have an impact on crops. This season Nicaragua lost a portion of its annual crops, now having an expected maize harvest 4% below normal and a bean of 14% below. Fortunately, the constant pounding of heavy rains in Costa Rica for much of October has only led to localized damage to sugar cane and melon crops thus far, but that may change as heavy rains are expected to continue there. In the coming observation period northern Honduras, much of Costa Rica and western Panama are expected to receive heavy rains associated with storms. The rest of the region is expected to have moderate rainfall totals.

### Model Forecast October 31 – November 7



Source: NOAA

The above forecast indicates significant accumulation totals in the departments of Cortes, Atlantida, Colon and Gracias a Dios in Honduras. Heavy rains are also expected throughout Costa Rica and western Panama. Elsewhere moderate rainfall is in the forecast.

**Author: Angel M. Bennett**

The evaluation of climatological threats of MFEWS include the participation of the central and local offices of MFEWS, NOAA-CPC, USGS, NASA, INETER of Nicaragua, Meteorological Service of Honduras, IMN of Costa Rica, INSIVUMEH of Guatemala, ETESA of Panama, NMS of Belize and SNET of El Salvador. Any questions or comments on this product can be directed to [Wassila.Thiaw@noaa.gov](mailto:Wassila.Thiaw@noaa.gov)