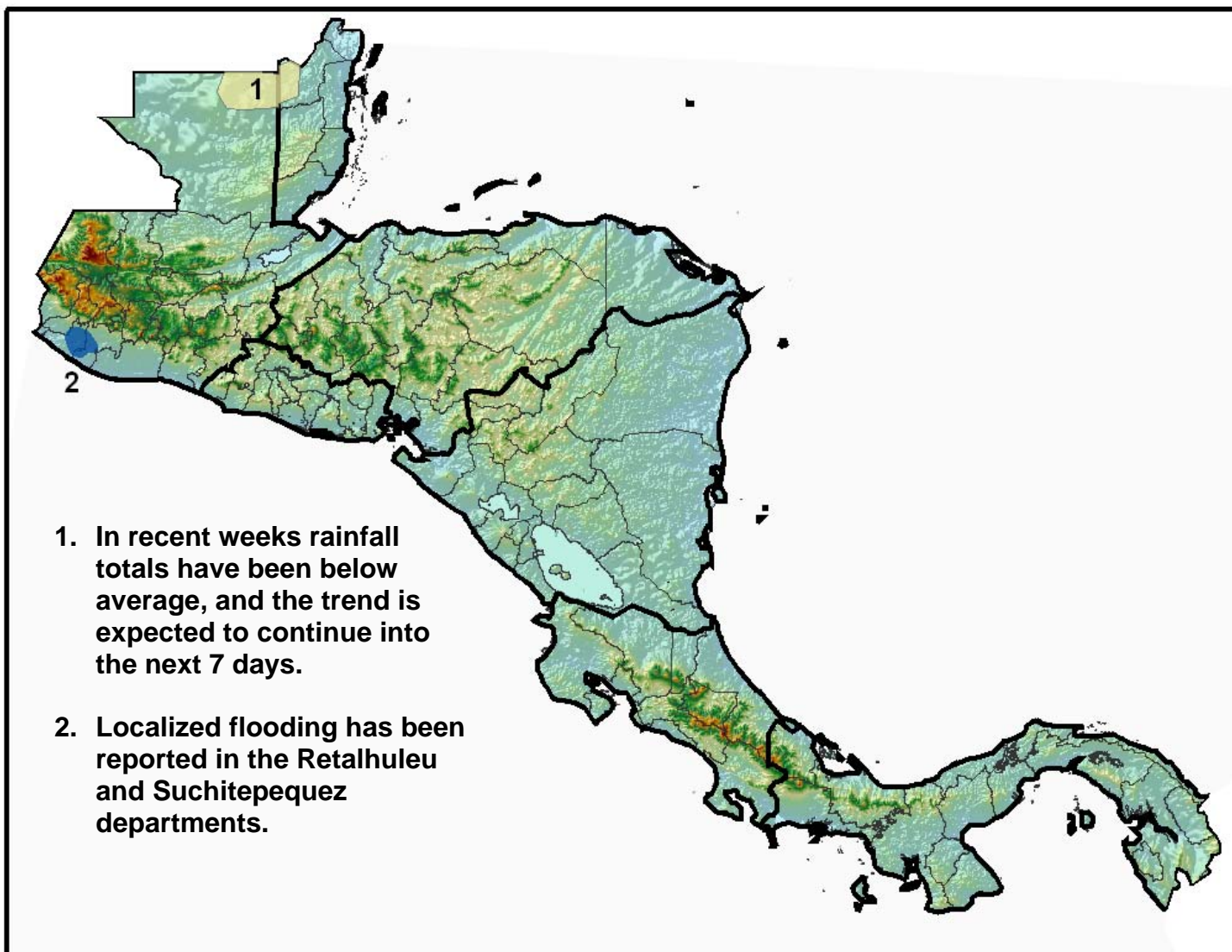


The MFEWS

Central America Weather Hazards and Benefits Assessment

For
June 11 – 17, 2009



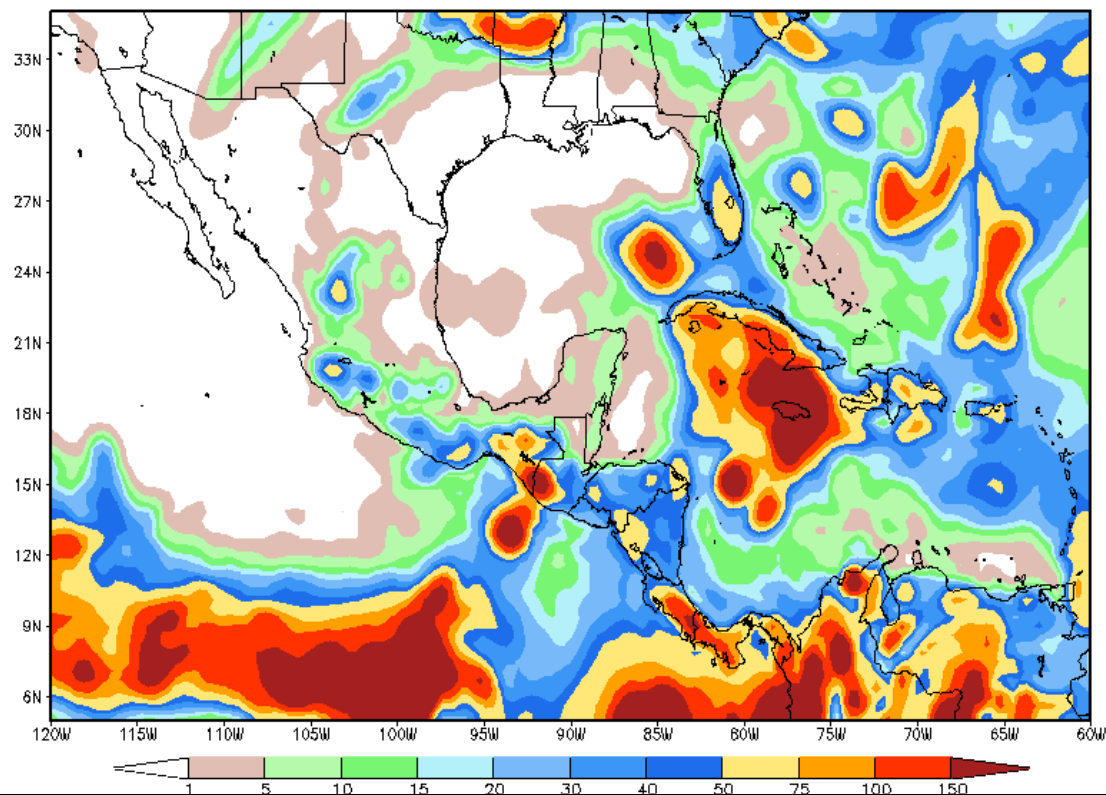
Hazards Assessment Text Explanation:

During the last observation period moderate rains characterized the Central America region. In Guatemala, rainfall totals ranged from 10 – 75 mm. In southern Peten, rainfall totals were in excess of 100 mm. The Peten department has been receiving below-normal rains in recent weeks. This trend may continue into June. Localized flooding has been reported in parts of southern Guatemala, and in the Solola' department, measures are being taken to prevent landslides in hilly areas. El Salvador, Honduras, and Nicaragua all received totals ranging from trace amounts to more than 50 mm in localized areas.

Negative rainfall anomalies observed thus far in the *Primera* season are starting to improve in Nicaragua due to the recent tropical activity that brought showers and thunderstorms to the southwestern Caribbean Sea associated with a surface trough. Upper level winds prevented further development. Due to the heavy rains associated with a westward propagating tropical wave, parts of Honduras and Nicaragua are expected to have moderate rainfall totals during the June 11th – 17th observation period. Totals may surpass 50 mm in Honduras and Nicaragua. Elsewhere in the region moderate rains are expected with southwestern Guatemala receiving heavy rainfall totals possibly in excess of 100 mm.

GFS Model Forecast Valid: June 10th – 17th, 2009

NOAA GFS 37.5 km Week 1 Total Precipitation (mm)
Issued at Jun 10 2009 00Z for the period ending at Jun 17 2009 00Z



Source: NOAA / FEWSNET

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