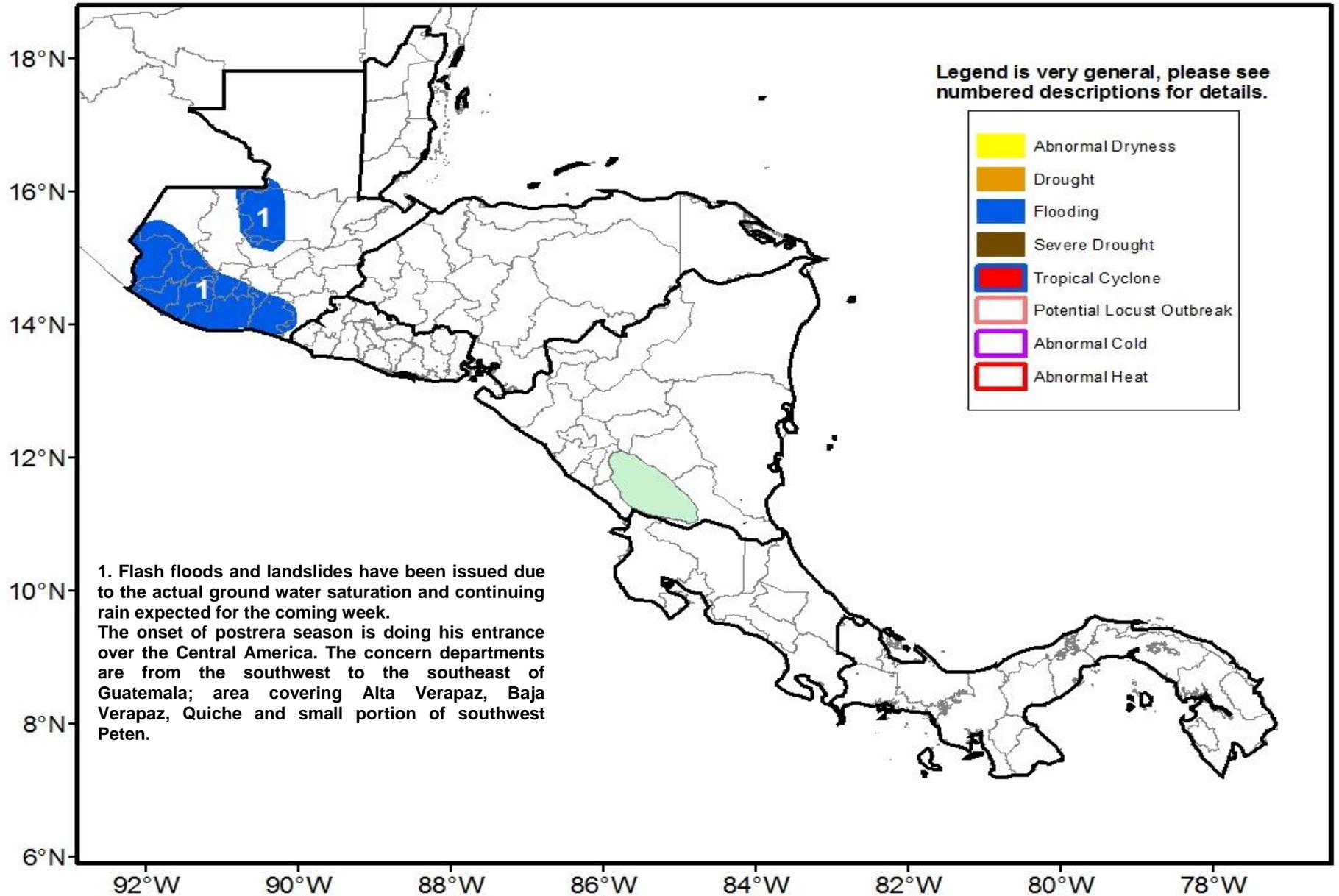




Climate Prediction Center's Central America Hazards Outlook September 26 – October 02, 2019

A tropical storm in formation over eastern Pacific could supply some heavy rain over southwestern Guatemala.



The northern part of Belize forecasts a below average rainfall for the coming week.

A heavy rainfall has been registered over the countries of Golf of Fonseca, sometimes exceeding 300mm in some local area. The CMORPH Standardized Precipitation Index has shown a negative 1.5 value for the past 30 days over Penten department in Guatemala, Belize, major part of Honduras and a small portion of northern Nicaragua. The vegetation health index and NDVI do not show any improvement or degradation of the vegetation since the past 3 decades probably due to the harvest season over Central America. On top of the Atlantic Ocean, the hurricanes Jerry and Karen are heading northeast which would not have any impact over Central America. Over the Eastern Pacific, the hurricanes Mario and Kiko are heading to the northwestern Pacific and would not have any influence over Central America.

The eastern Pacific has shown since yesterday a disturbance with 30% potential of cyclone formation for the next 48 hours close to Central America which could exacerbate an increase of rain over the coastal countries facing the eastern Pacific Ocean. During the coming week, heavy rainfall expected over the southwestern and over Penten department of Guatemala. Belize and southern Honduras forecasts a moderate rain for the coming week. In contrast, Nicaragua predicts a below average rain except a small portion close to the Golf of Fonseca. Costa Rica would receive some heavy rain for the coming week. Due to the saturated ground condition over Guatemala this past couple of weeks and the heavy rain predicted for the coming week, a flooding polygon has been issued to the area in risk of flash flood and landslide.

