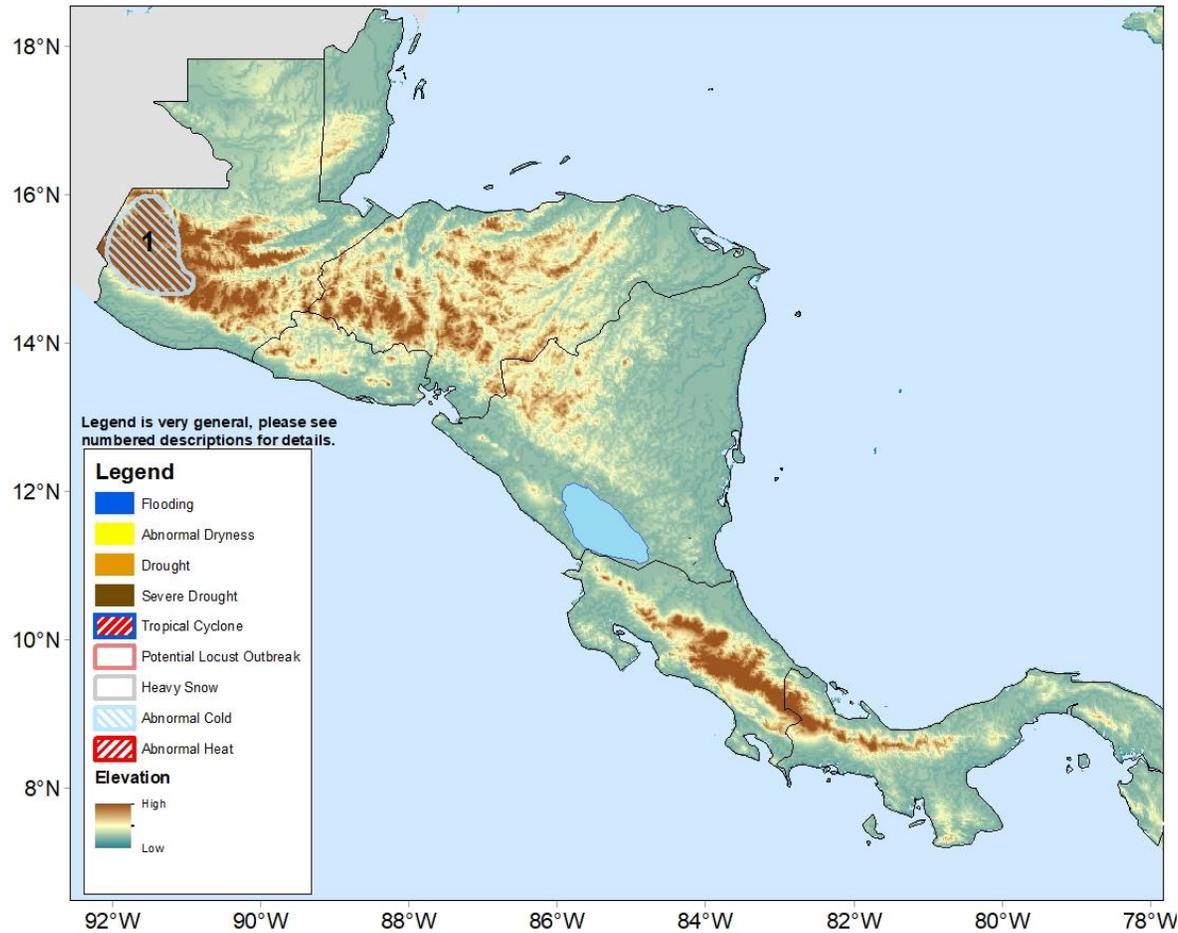




## Climate Prediction Center's Central America Hazards Outlook 13 – 19 January 2022

Some localized heavier rains have been observed in central Guatemala during early January.



1) Possible freezing conditions are expected over the western part of Guatemala during the outlook period.

**Freezing temperatures can be expected to continue across the western part of Guatemala during the outlook period.**

Scattered areas of light rainfall with some locally heavier rainfall in spots were observed around the region. Thunderstorms in central Guatemala dumped as much as 50-100mm of rainfall locally according to satellite estimates. There are many reports of rivers flooding in Izabal, Alta Verapaz, and Petén departments due to recent rains. Lesser rains (<25mm) were received in other areas, including Belize, eastern Honduras, and northeastern Nicaragua. The rest of the region remained mostly dry. The week's pattern yielded small negative anomalies in the southern Caribbean and positive anomalies in central Guatemala. During the past 30 days, regions along the Atlantic side of Central America received significant amount of rainfall, with 50-100mm above average rainfall according to satellite estimates, especially over coastal areas of northern Honduras and eastern Nicaragua. Southern Belize also observed large rainfall totals exceeding 50mm above normal rainfall which alleviated the abnormal dryness across the area. Several areas in Central Honduras, Central Nicaragua, and eastern Costa Rica continue to exhibit moisture deficits during late *Postrera* and *Apante* season. Many areas do show visible improvements in the vegetation health indices. However, the NDVI still indicates some poor ground conditions across southern Honduras and western Nicaragua.

During the outlook period, a typical distribution of rainfall is expected across the region. Central Guatemala, Belize, northern Honduras, and Costa Rica can expect 25-50mm. The pattern favors below average rainfall in eastern Honduras and eastern Nicaragua. Seasonable rainfall is expected across Panama, and coastal Pacific-facing regions.

