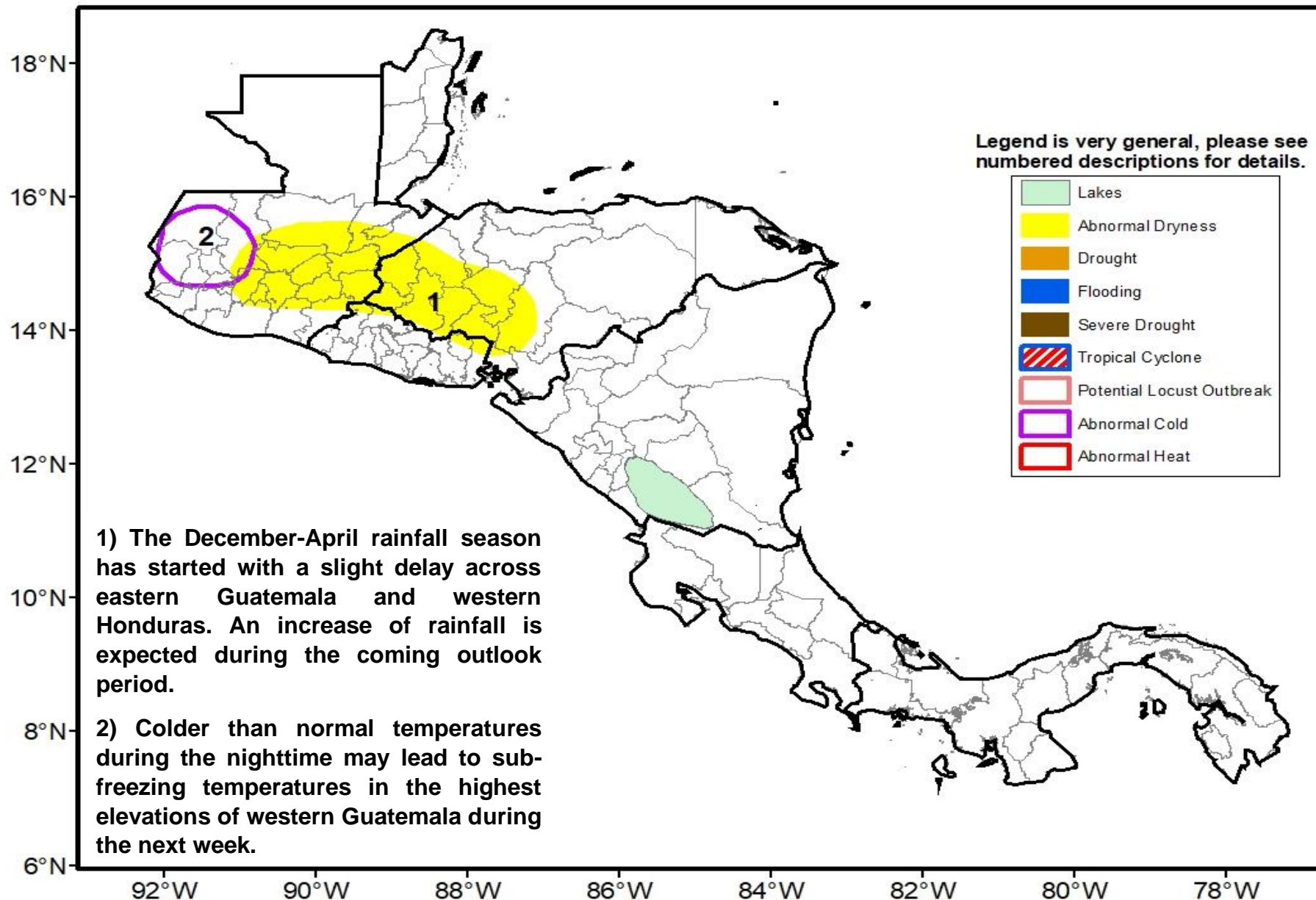




## Climate Prediction Center's Central America Hazards Outlook 30 December 2021 – 05 January 2022

Flash floods were reported over Dolores and Sayaxche municipalities of Peten Department in Guatemala last week.



## Possible freezing temperatures warning will continue across western Guatemala during the coming outlook period.

Last week, freezing temperatures were reported across high elevated areas of Huehuetenango, San Marcos, Quiché, Totonicapán, Sololá, and Quetzaltenango affecting cropping activities over the areas. As forecast, increased amounts of weekly rainfall were received across northern Honduras regions and over some departments of northeastern Nicaragua. Since mid-November, late season *Postrera* and early season *Apante* related moisture deficits (50-200mm) continue to prevail across much of southeastern Guatemala, western Honduras. Much of the short-term abnormal dryness follows a poor rainfall distribution since late November, as several local areas have failed to receive adequate rainfall totals due to dry spells and anomalous low number of rain days. Analysis of remotely sensed vegetation health indices reflects the poor rainfall performance with deteriorated ground conditions concentrated over many parts of central Guatemala, Honduras, Panama, and central Costa Rica, which is likely to adversely affect cropping activities throughout the region.

Warmer temperature, 4-6 degrees Celsius above normal temperature, prevailed across southern and western Guatemala, and El Salvador. While cooler temperature, 2-4 degrees Celsius below temperature, prevailed across southern Nicaragua and far northern Costa Rica.

During the next week, models suggest the continuation of 50-75mm of rainfall across central Nicaragua, Honduras, Belize, Costa Rica. Above 75mm of rainfall could be expected along coastal regions facing Atlantic Ocean while seasonable rainfall is expected across southern Guatemala, El Salvador, southern Honduras, and northwestern Nicaragua. 5-10 degrees Celsius is expected across western and central Guatemala, a portion of southwestern Honduras. 20-25 degrees Celsius is expected across a major part of Nicaragua, northern Honduras, Belize, northern and southern Guatemala. Between 15-20 degrees Celsius is expected across the remaining area of Central America.

