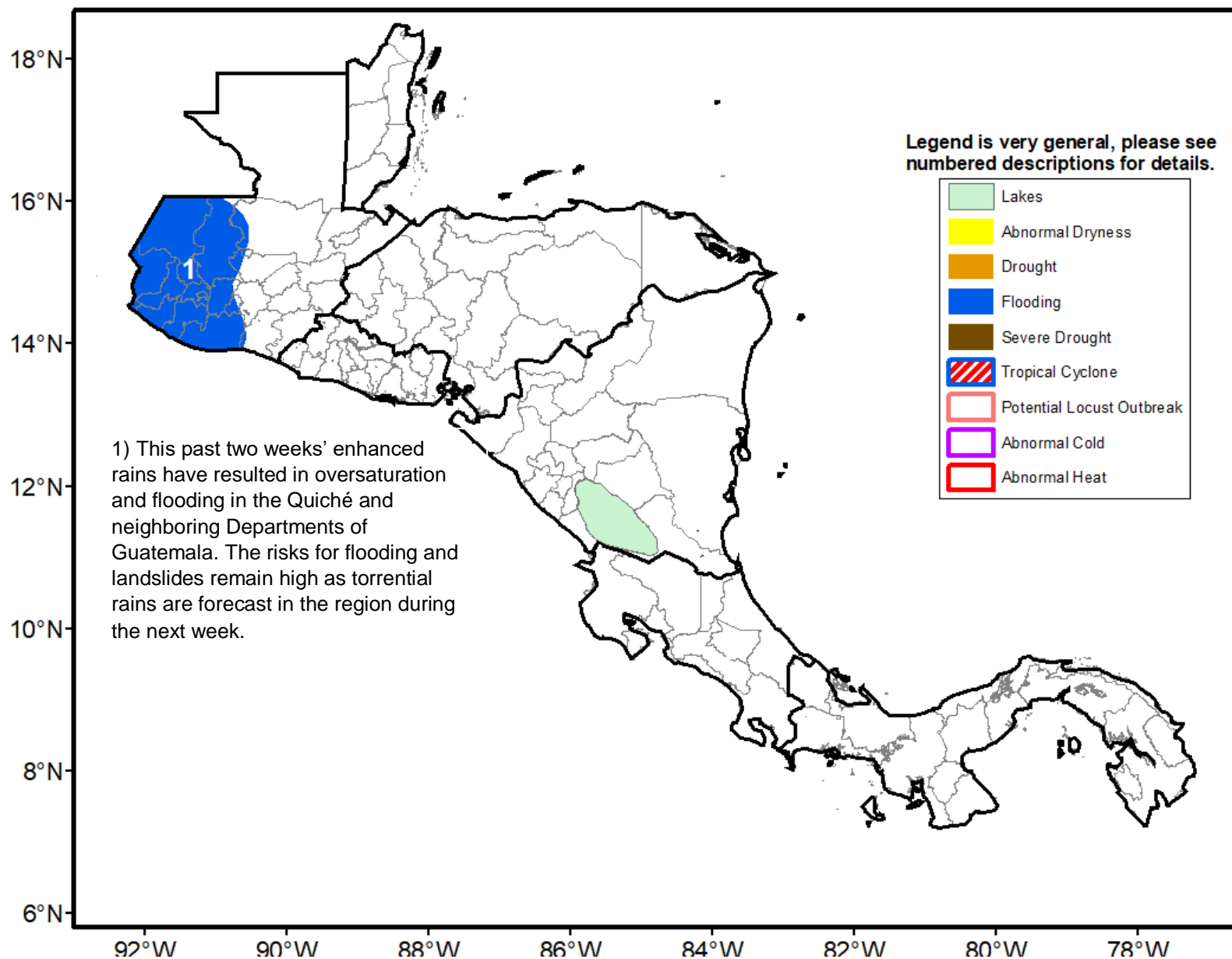




## Climate Prediction Center's Central America Hazards Outlook 6 – 12 May 2021

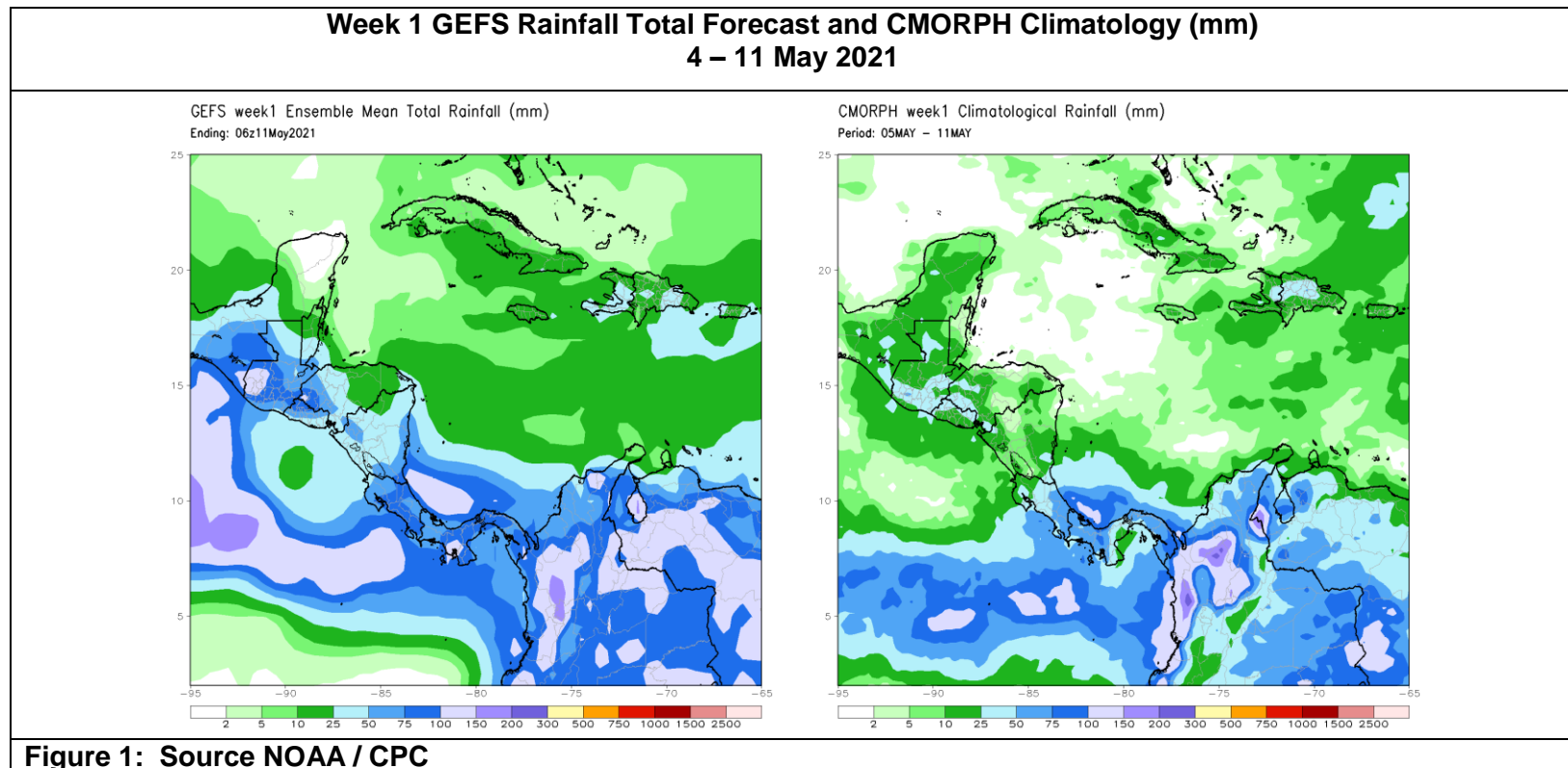
High risks for flooding and landslides exist in western Guatemala due to forecast heavy rains for next week.



## Wet weather patterns expected along the Pacific-facing region of Central America

During late April to early May, scattered light to moderate rains fell over Central America. While moderate to locally heavy rains were received in western and southwestern Guatemala, western and southwestern Costa Rica, and Panama, little to no rainfall was registered across the interior of the region. Compared with the long-term average, this past week's rainfall was mostly near to below-average throughout the region. Over the past thirty days, however, rainfall was above-average across Central America, with the largest (> 100 mm) rainfall surpluses over west-central and southwestern Guatemala, parts of the Gulf of Fonseca, southern Nicaragua, Costa Rica, and Panama. An analysis of recent crop performance models has indicated that favorable vegetation conditions dominated over much of Central America. The continuation of seasonal rainfall is expected to provide beneficial ground conditions for the ongoing *Primera*, May – August, growing season.

For next week, rainfall forecasts suggest heavy and above-average rainfall along the Pacific-facing and southern Caribbean regions of Central America. Therefore, high risks for flooding and landslides are maintained over western Guatemala and the surrounding oversaturated areas. Also, the forecast wet weather patterns could exacerbate lahars and mudflow over many areas, adjacent to the active Pacaya Volcano in southern Guatemala.



**Figure 1: Source NOAA / CPC**