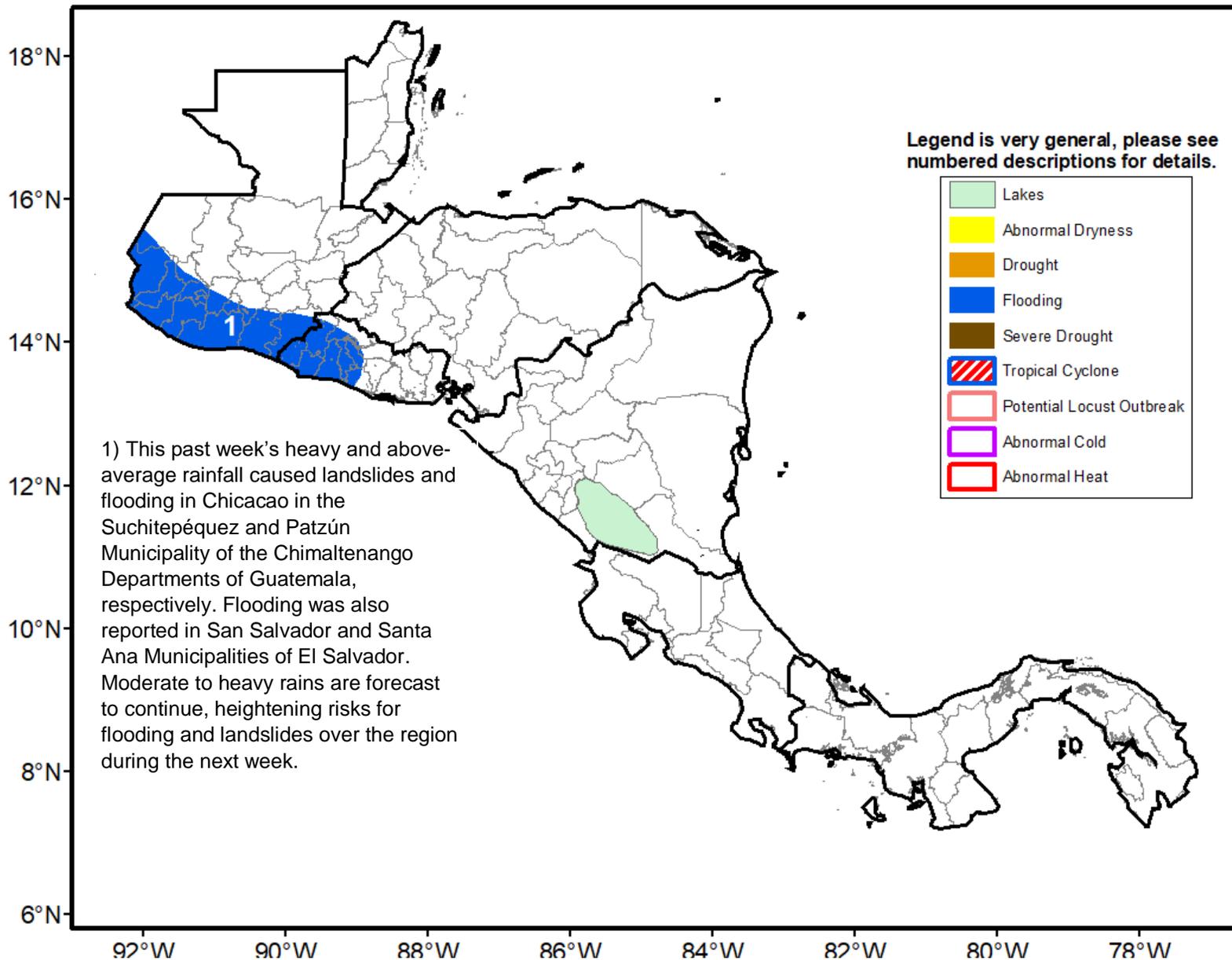




## Climate Prediction Center's Central America Hazards Outlook 13 – 19 May 2021

The forecast continued, heavy rains maintain high risks for landslides in southern Guatemala.



## Near to below-average rainfall expected over Central America during the next week

This past thirty days, rainfall was mostly near to above-average throughout Central America, based on the CMORPH satellite rainfall estimates. Rainfall surpluses in excess of 100 mm were observed over the west-central and southern parts of Guatemala, Gulf of Honduras, Costa Rica, and Panama. The resulting soil oversaturation has already resulted in flooding and landslides over many local areas. In contrast, near to slightly below-average rainfall was registered across northern Guatemala, northern Belize, eastern Honduras, and northeastern Nicaragua. During this past week alone, widespread heavy (> 50 mm) rains fell over the northern transversal strip and southern parts of Guatemala, the southern Caribbean, while little to no rainfall dominated over central Honduras and Nicaragua. Due to the past several weeks 'good rainfall distribution, vegetation conditions remained healthy over much of Central America, based on the most recent Water Requirement Satisfaction Index (WRSI) crop performance model. These favorable conditions are expected to continue, provide ample soil moisture, and further aid the *Primera*, May-August, growing cycle over many local areas over the upcoming weeks.

For next week, in general, near to below-average rainfall is forecast over Central America. However, moderate to locally heavy rains are still expected over Guatemala, much of El Salvador, western Honduras, eastern Nicaragua, Costa Rica, and Panama. In Guatemala, the forecast additional, moderate to heavy rains are likely to exacerbate the ground conditions, potentially leading to new flooding or landslides over previously-flooded and oversaturated areas in the Pacific Region.

