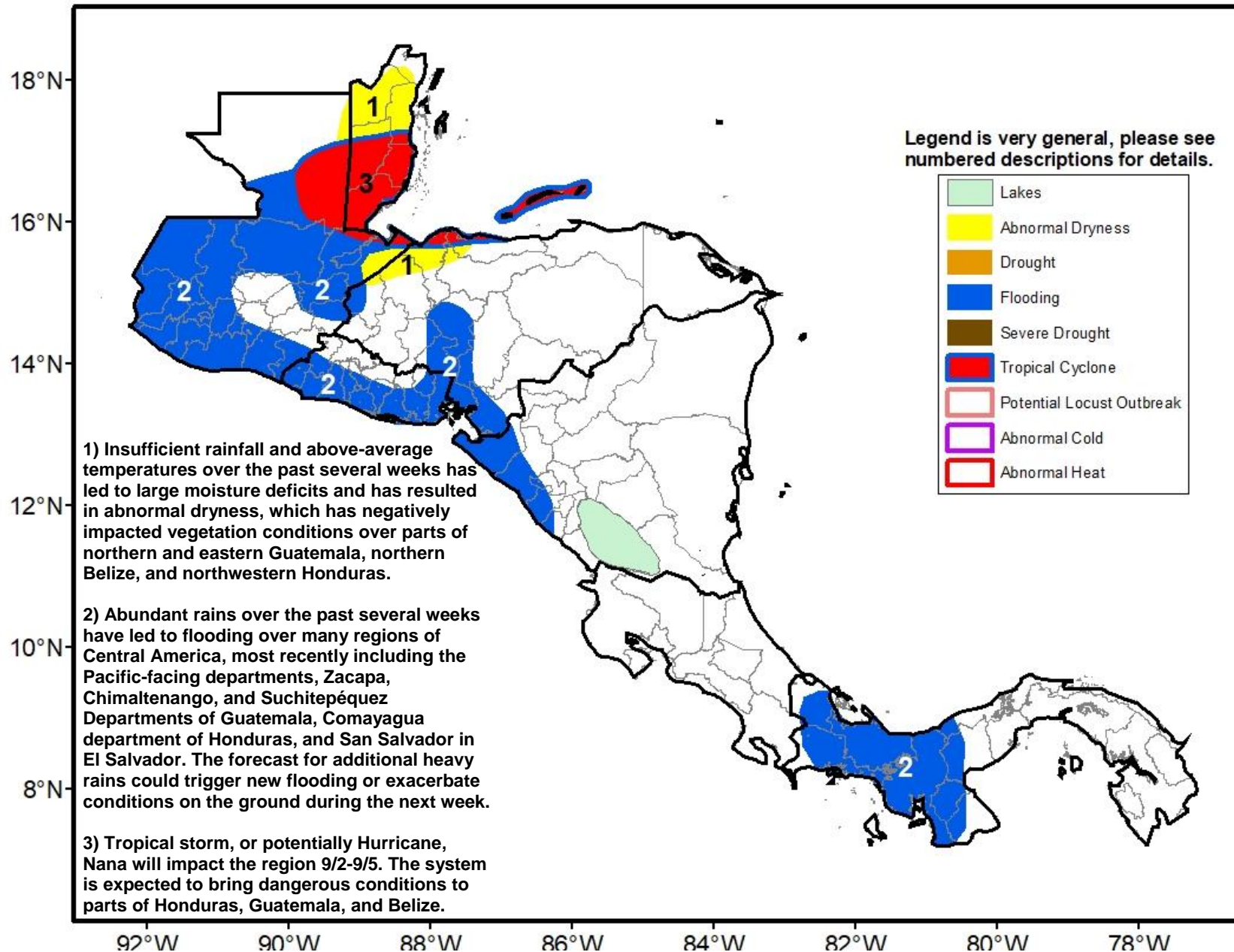




Climate Prediction Center's Central America Hazards Outlook September 3 – September 9, 2020

- Tropical Storm Nana will bring dangerous conditions and especially elevated risks for flooding and landslides



Wetter-than-average conditions likely to continue with additional threat from tropical Storm Nana to exacerbate flooding issues

Last week, heavy rainfall was recorded across many localized portions of Central America. Some of the largest 7-day totals (>100mm) according to satellite rainfall estimates were found in central/eastern Guatemala, western Honduras, El Salvador, and in parts of Panama. Outside of the areas receiving the heaviest rain, weekly performance was near or less than average. An analysis of accumulated rainfall over the past thirty days has indicated that above-average rainfall prevailed across many parts of Central America. Positive rainfall anomalies were observed throughout Central America, particularly the Pacific-facing regions, where surpluses exceeded 100mm. Those areas included southern Guatemala, the Gulf of Fonseca region, and western Nicaragua. In contrast, below-average rainfall, which has already led to abnormal dryness, persisted over Belize, the Gulf of Honduras, parts of eastern Nicaragua; eastern Costa Rica, and western Panama. In Guatemala, flooding and overflowing of rivers were reported this month over municipalities of the Petén, Izabal, Zacapa, Sacatepéquez, Chiquimula, and Chimaltenango Departments. The continuation of favorable rainfall should help cropping activities during the early period of the *Posrtera*, August-November growing season.

During early September, heavy rain is expected to continue for many areas, especially in Guatemala, El Salvador, and Honduras. Tropical storm Nana will bring additional heavy rain (>100mm), as well as gusty winds, and potential storm surge to northern portions of the region early in the period. The forecast persistent rains could exacerbate ground oversaturation and trigger flash flooding and bursting of rivers over many local areas. Potential for flooding exists throughout Guatemala, Belize, El Salvador, the Gulf of Fonseca, and western Nicaragua. Meanwhile, below normal rainfall is expected in eastern Nicaragua.

