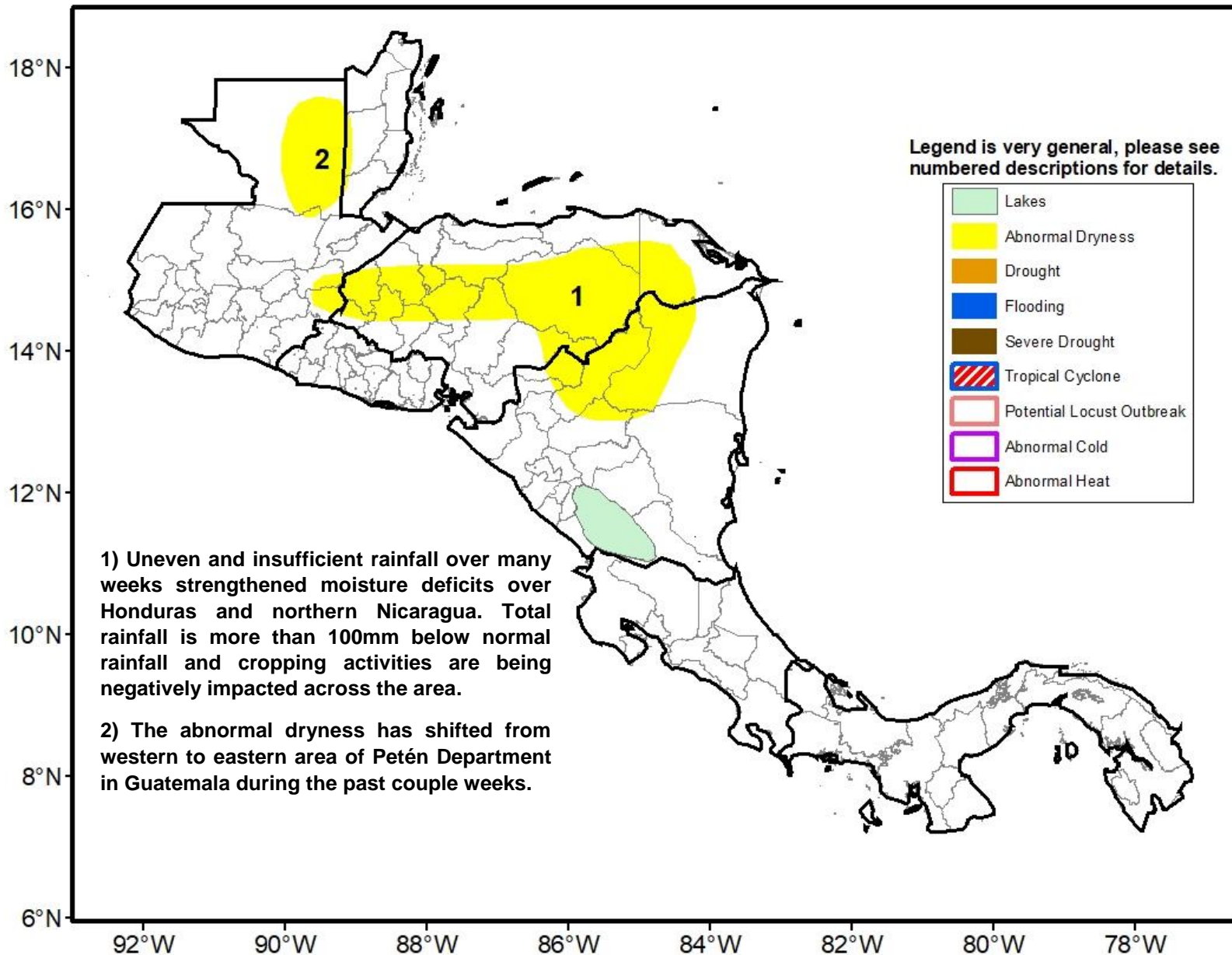




Climate Prediction Center's Central America Hazards Outlook 07 October – 13 October 2021

Another week of very poor rainfall throughout the Central America region.



Rainfall deficits are increasing across Guatemala, Honduras and Northern Nicaragua.

A dry pattern dominated a large portion of the broader Central American region. 7-day rainfall deficits of 25-100mm were observed across Belize, Guatemala, Honduras, northern/eastern Nicaragua, and Costa Rica. Many portions of those regions received light, single-digit rainfall totals, and satellites observed no rainfall at all in areas like central Honduras, Belize, and northern Guatemala. Some heavier rains occurred locally along Pacific-facing regions of southern Guatemala, as well as through portions of Pacific-facing Costa Rica and Panama. The 30-day performance showed significantly suppressed rainfall (25-100mm anomalies) across eastern Guatemala, Honduras, and northeast Nicaragua. The anomalies equate to less than 50 percent and even 25 percent of rainfall in many cases. The 90-day pattern mirrors that of the short-term but with less significant deficits. Inadequate rainfall has led to degrading vegetation conditions in the Petén department of Guatemala, parts of Honduras, and northern Nicaragua.

Models are predicting more widespread rainfall during the outlook period, but total amounts are still expected to be near to or less than average. The heaviest rainfall, possibly exceeding 100mm, is predicted along the east coast of Nicaragua and along the Pacific coasts of Costa Rica and Panama. Abnormal dryness is expected to strengthen in central Honduras. While tropical development may occur in the East Pacific, it is not expected to impact the region during the period.

