

Climate Prediction Center's Central America Hazards Outlook For USAID / FEWS-NET 9 – 15 November 2023

Tropical disturbances might bring heavy rainfall across Central America.



- 1) Inconsistent and insufficient rainfall since the beginning of April has led to abnormal dryness and patches of drought across Central America. Moreover, a severe drought polygon is maintained in northern Guatemala due to the continuing rainfall deficits, significant vegetation stress and deficits in soil moisture conditions. The irregular rains since the start of the *Primera* season have mainly affected the crops of subsistence farmers, who might experience yield reductions of 25% to 50% of average. In addition, high temperatures and a lack of rain continuing affecting the agriculture sector. Sowing delays are still reported in Guatemala. The rainfall deficits are also affecting the shipping industry in Panama Canal, where the water level of the Gatun Lake is below average.
- 2) Tropical Storm Pilar and tropical disturbances in the Caribbean Sea brought heavy rainfall across Central America. Storm Pilar mainly affected El Salvador, Honduras and Costa Rica. In El Salvador at least 3 facilities were reported, and hundreds of people were evacuated. Tropical dis Forecast for the next week suggest heavy to moderate rainfall across some countries in Central America, given that rainfall from the past week replenished the water soil, flood risks are high in Guatemala, eastern Honduras, coastal areas along El Salvador, Nicaragua Costa Rica and northern Panama.

Note: The Hazards outlook map is based on current weather/climate information, short and medium-range weather forecasts (up to 1 week), sub-seasonal forecasts up to 4 weeks, and assesses the potential impact of extreme events on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed and predicted to continue during the outlook period. The boundaries of these polygons are only approximate at the spatial scale of the map. This product takes into account long-range seasonal climate forecasts but does not reflect current or projected food security conditions. FEWS NET is a USAID-funded activity whose purpose is to provide objective information about food security conditions. Its views are not necessarily reflective of those of USAID or the U.S. Government. The FEWS NET weather hazards outlook process and products include participation by FEWS NET field and home offices, NOAA-CPC, USGS, USDA, NASA, and a number of other national and regional organizations in the countries concerned.

Questions or comments about the hazards outlooks may be directed to Dr. Wassila Thiaw, Head, International Desks/NOAA, wassila.thiaw@noaa.gov. Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, jverdin@usaid.gov

