

Climate Prediction Center's Hispaniola Hazards Outlook For USAID / FEWS-NET 21 December – 27 December 2023

Some coastal rain is continuing over Hispaniola.



During the last week, some moderate to locally heavy rains occurred in northern, central, and southern Dominican Republic. Western Haiti received moderate rains (25-50 mm) as well. Areas receiving heavier rains registered surpluses for the week. Over the 30-day period, rainfall conditions are above average in northwestern, southwestern, and southeastern Haiti and most of Dominican Republic. However, an analysis of rainfall over the past 90 days indicates that long-term dryness persists throughout Hispaniola, particularly in east-central Haiti and east-central Dominican Republic, where total rainfall deficits reach up to 300 mm. These rainfall deficits have led to large soil moisture deficits, dryness, and degraded vegetation over many local areas. During the outlook period, the GEFS model predicts near to slightly wetter than average conditions for Hispaniola, with rainfall values greater than 25 mm along the northern coast. Lighter amounts between 5 and 10 mm are predicted for southwestern Dominican Republic.

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.

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