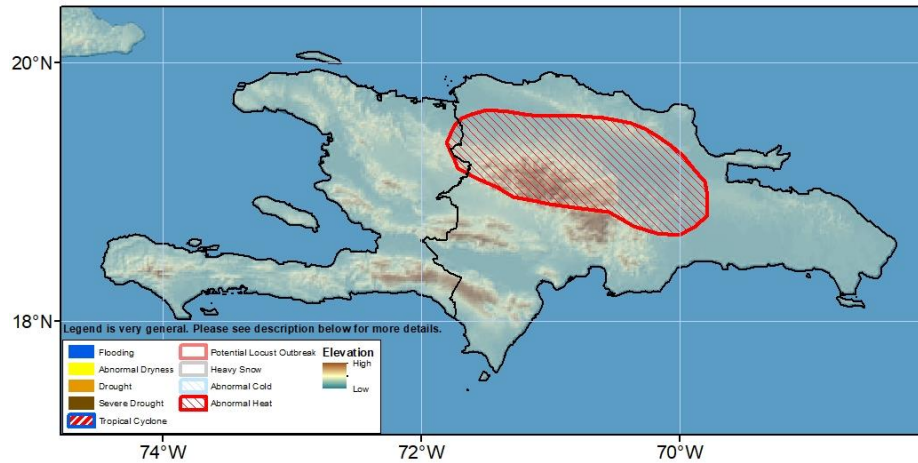


## Climate Prediction Center's Hispaniola Hazards Outlook For USAID / FEWS-NET 15 – 21 August 2024

**Abnormal heat likely over central Dominican Republic.**



During the last 7 days, light to moderate rainfall was observed in southern Haiti and eastern Dominican Republic. According to the CPC Unified Gauge measurement, weekly rainfall values ranged from 5 mm to 25 across the island. These rainfall amounts are near-average for the week. In the last 30 days, 25-100 mm above-average rainfall was observed across the island, which amounts to more than 200% of the long-term average in many places. Furthermore, on the 90-day term, most of the Dominican Republic recorded cumulative rainfall surpluses between 200-400 per cent of the average according to the CPC Unified Gauge measurement. Satellite analysis shows healthy vegetation conditions with positive NDVI anomalies across much of the island with the exception of the central portions of the Dominican Republic.

Next week, the forecast suggests light to moderate rainfall in western Dominican Republic and eastern Haiti, where weekly rainfall totals of 25-50 mm are predicted. Positive rainfall anomalies are expected across western Dominican Republic. The effect of Tropical Storm ERNESTO on the island will be minimal. Maximum temperatures are expected to be 2-4°C above-average in central Dominican Republic. Probabilities are high (> 80%) for maximum temperature/heat index to exceed the 90<sup>th</sup> percentile for at least 3 consecutive days across much of northern 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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