

Erratic rainfall distribution over Haiti in April

Key messages

- Above-average rainfall was observed across much of Haiti over the last 30 days.
- In Mid-April, flash floods were reported over Haiti.
- Average rainfall is forecast during May.

FORECASTS SUGGEST INCREASED PRECIPITATION IN MAY

During the month of March, average to below-average rainfall was recorded across most of Haiti. Deficient rainfall was observed during the first 12 days of April, but an abnormally strong increase in rainfall caused flash floods in localized areas, and changed conditions from dry to wet across most of the country (**Figure 1**). However, several consecutive days of below-average precipitation have been observed in the last week.

CMORPH hydro estimator records show that in Les Cayes, rainfall totals on April 13 and 14, exceeded 60 millimeters. Liancourt recorded nearly 60 millimeters of rain on April 16. These areas were among the most affected by significant accumulations of rainfall in a short period. The rest of the island also recorded above-average rainfall, but with values that did not exceed 20 millimeters, which contributed to the normal development of the Printemps season crops. NDVI values indicate average to above-average vegetation conditions, except for some localized areas affected by flash floods.

Forecasts show that May rainfall is likely to be average, favoring the development of crops (**Figure 2**). Rainfall forecasts for the next two weeks indicate an average performance, however, erratic rainfall is likely to persist in the first week of May.

Figure 1. Percent of average rainfall (%), March 26th – April 25th, 2025.

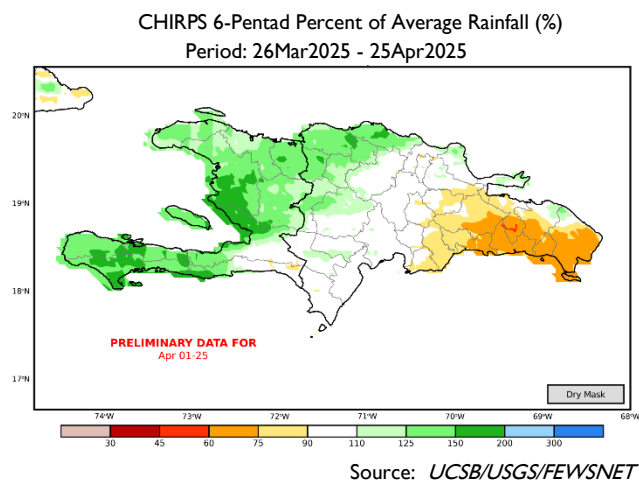


Figure 2. NMME probabilistic forecast for May 2025.

