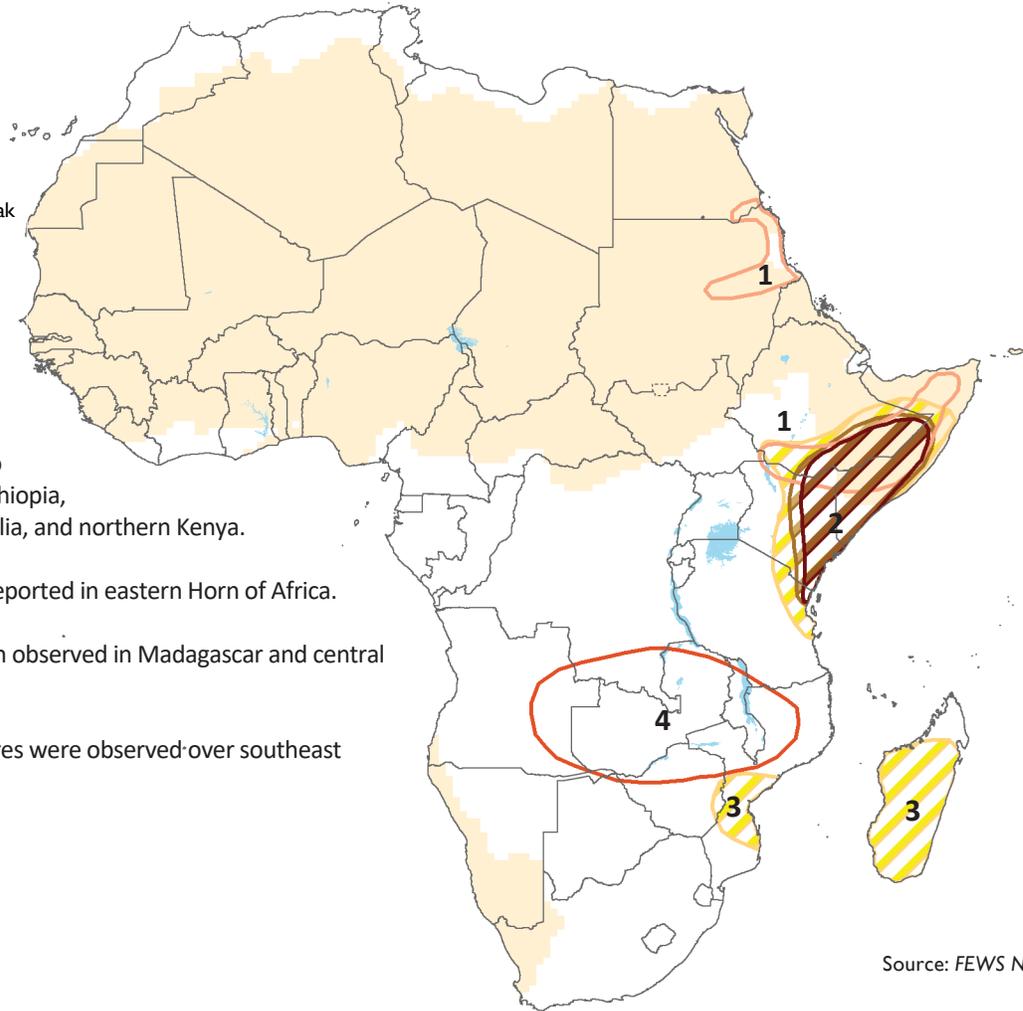


Persistent below-average rainfall has led to severe drought in the Horn of Africa

Africa Weather Hazards

-  Flooding
-  Abnormal Dryness
-  Drought
-  Severe Drought
-  Tropical Cyclone
-  Potential Locust Outbreak
-  Heavy Snow
-  Abnormal Cold
-  Abnormal Heat
-  Seasonally Dry



1. Locust swarms have formed in northeastern Somalia and are forecast to migrate to southeastern Ethiopia, central and southern Somalia, and northern Kenya.
2. Severe drought has been reported in eastern Horn of Africa.
3. Abnormal dryness has been observed in Madagascar and central Mozambique.
4. Above-average temperatures were observed over southeast Africa.

Source: FEWS NET/NOAA

Africa Overview

Rainfall is forecast to quickly decrease in the Horn of Africa next week

Last week, below-average rainfall prevailed over much of eastern Africa. Meanwhile, moderate to heavy rainfall was observed over southeastern Kenya and northeastern Tanzania (Figure 1). Below-average rainfall was reported over southwestern Ethiopia, northeastern Kenya, and southern Somalia. Despite the heavier rainfall over eastern Kenya, dry conditions continued over much of the region. Dryness was reported in southern Ethiopia, much of Kenya, and southern Somalia, as a result of little rainfall.

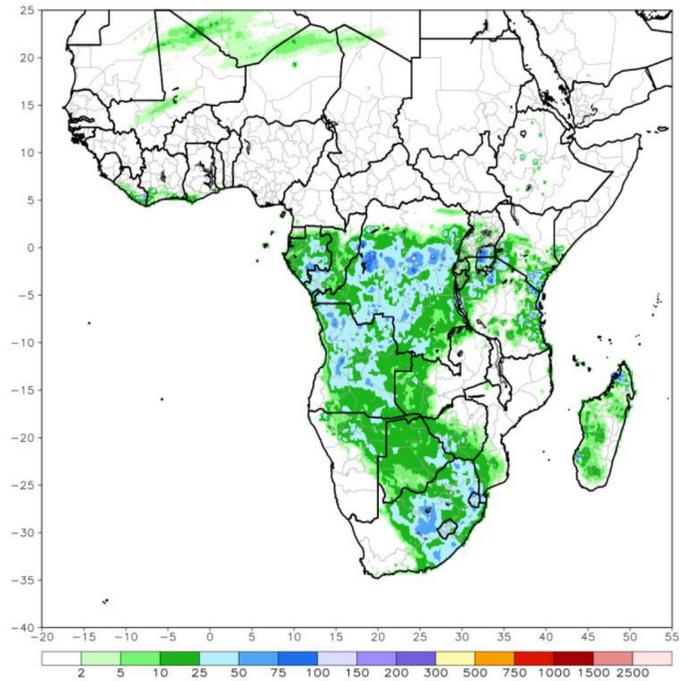
Next week, below-average rainfall is forecast over the Horn of Africa which is expected to maintain drought in the region. Meanwhile, moderate rainfall is forecast to continue over parts of eastern Kenya.

Dryness continues across central and southeast Africa

Over the past 30 days, below-average rainfall was received over southern Africa. Little rainfall was reported over Zambia, northern Zimbabwe, Malawi, Mozambique, and Madagascar causing dryness to persist (Figure 2).

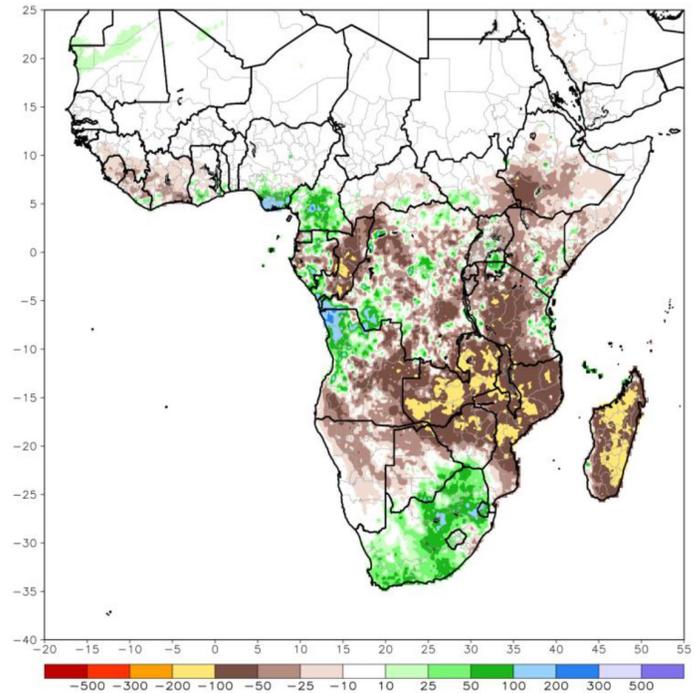
Next week, below-average rainfall is forecast over Zambia, Malawi, northern Zimbabwe, and Mozambique. Light to moderate rainfall is forecast over western Madagascar, while below-average rainfall is forecast for the remaining parts of Madagascar. Dryness is forecast to continue across southeastern Africa. In contrast, heavy rainfall is forecast in western Angola, central and eastern South Africa, Lesotho, and Eswatini, which could lead to flash flooding.

Figure 1: RFE Seven-Day Total Rainfall (mm)
 Period: November 08 - December 14, 2021



Source: NOAA/CPC

Figure 2: RFE 60-Day Total Rainfall (mm)
 Period: November 15 - December 14, 2021



Source: NOAA/CPC

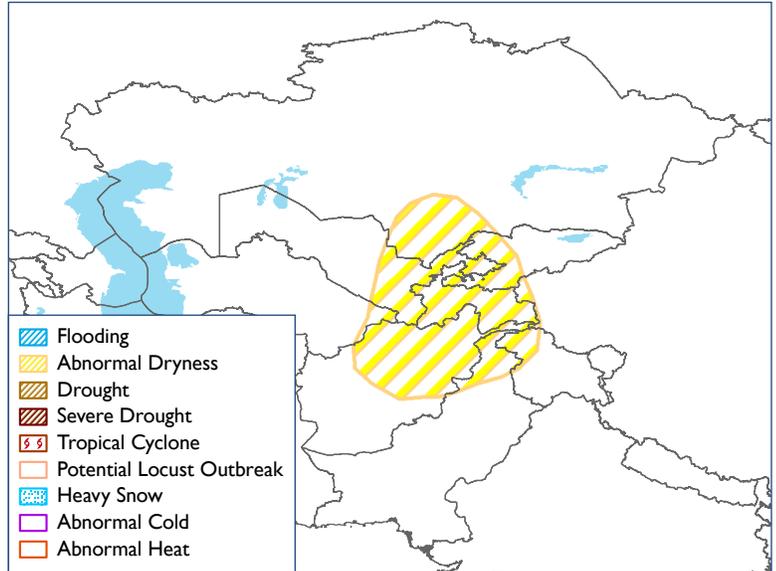
Central Asia Overview

Temperatures

Last week, average minimum temperatures were above normal across western and southern Kazakhstan, western and central Uzbekistan, western Turkmenistan, and southern Kyrgyzstan. Average maximum temperatures were above-normal across western and southern Kazakhstan, Uzbekistan, western and eastern Turkmenistan, southern Kyrgyzstan, western Tajikistan, Afghanistan, and northwestern Pakistan. Average minimum temperatures were observed around -20°C to -5°C across Kyrgyzstan, eastern Tajikistan, northwest, northern, and eastern Kazakhstan, while minimum temperatures were around -10°C to 0°C across central and northeastern Afghanistan and western Uzbekistan. Next week, above-normal temperatures are forecast across Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, western and southern Afghanistan, and western Tajikistan. Below-normal average temperatures are forecast in northeastern Pakistan and eastern Tajikistan. Average temperatures are forecast to reach -10°C to 0°C across northwestern, northern, and eastern Kazakhstan. Average minimum temperatures are forecast to reach -15°C to 0°C across Kyrgyzstan, Tajikistan, northern, western, and eastern Kazakhstan, central and northeast Afghanistan, and northern Pakistan. Minimum temperatures are forecast to average -20°C below normal across eastern Tajikistan.

Precipitation

Last week, light to moderate rainfall was observed across western, southern, and eastern Kazakhstan, central Kazakhstan, and northern Kyrgyzstan. No snowfall was reported in Tajikistan, northeastern and central Afghanistan, western and eastern Kyrgyzstan, and northwestern Pakistan. Next week, light to moderate rainfall is forecast across Tajikistan, northern Afghanistan, western and southern Kyrgyzstan, Uzbekistan, Kazakhstan, and western and eastern Turkmenistan. Meanwhile, heavier rainfall is forecast in northwestern and central Tajikistan.



Source: FEWS NET/NOAA

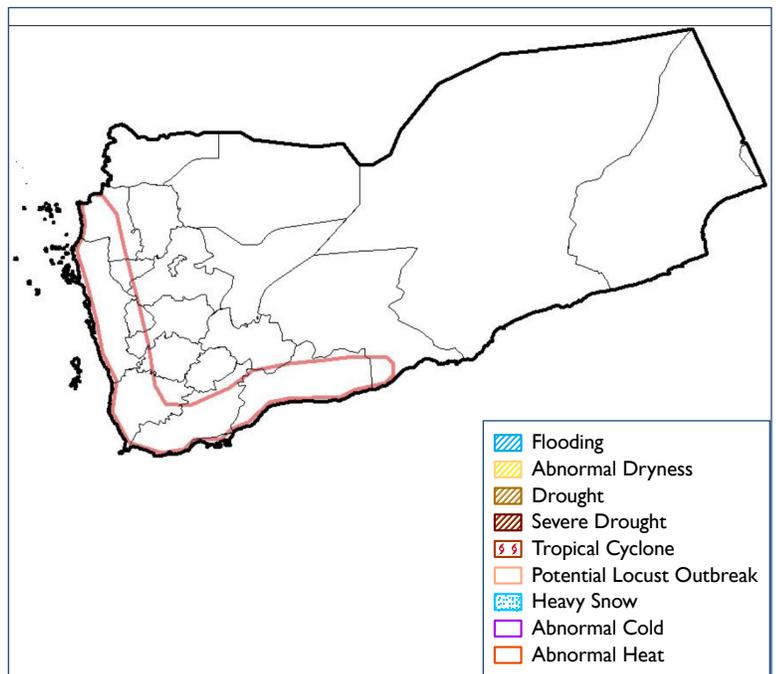
Yemen Overview

Temperatures

Last week, maximum temperatures averaged near to below normal over Yemen. Cold anomalies ranged between -6°C to -2 °C over central and southern parts of the country. Meanwhile, temperatures ranged between 25°C to 30°C over central and southern Yemen. The highest maximum temperatures exceeding 25°C were observed along the west coasts and northern and eastern borders. Next week, average temperatures are forecast to reach 16°C to 20°C in central Yemen, while higher temperatures above 20°C are forecast along the western, southern, and northeastern borders.

Precipitation

Last week, dry conditions were observed in Yemen. Over the past 90 days, above-average rainfall was experienced in southwestern Yemen which led to some relief in dry conditions. Dry conditions were recorded elsewhere. Next week, dry conditions are forecast in Yemen. Locust swarms are present along the southern and western coasts of the country and are forecast to appear along the Red Sea coasts.



Source: FEWS NET/NOAA

Central America and the Caribbean Overview

Dryness is forecast in Guatemala next week

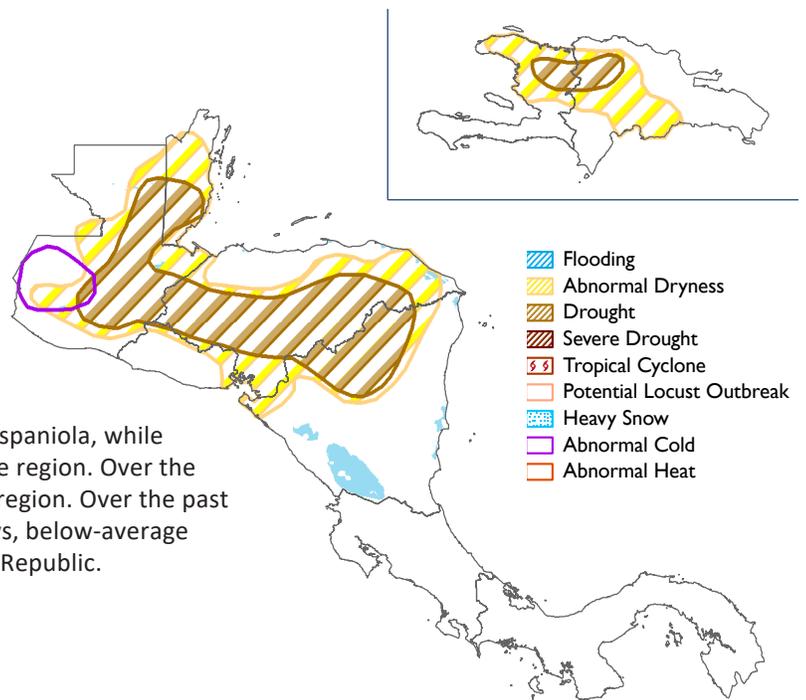
Over the past 30 days, dryness continued to prevail across Central America. Below-average rainfall was observed in eastern Guatemala, southern Belize, southern and central Honduras, and northern Nicaragua, which led to abnormally dry conditions.

Next week, average rainfall is forecast across Central America. Above-average rainfall is forecast over the eastern coast of Nicaragua and Honduras.

Dry conditions prevailed in Hispaniola last week

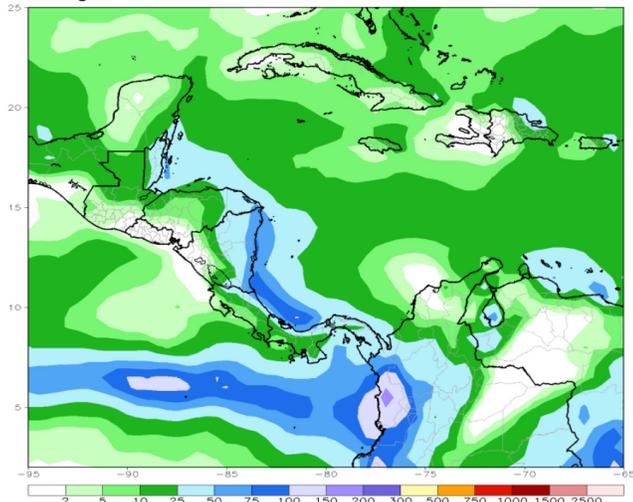
Last week, dry conditions were observed over most of Hispaniola, while light rainfall prevailed across the southeastern part of the region. Over the past seven days, dry conditions were present across the region. Over the past 30 days, light rainfall was observed. Over the past 90 days, below-average rainfall was received in southern and eastern Dominican Republic.

Next week, average rainfall is forecast over Hispaniola.



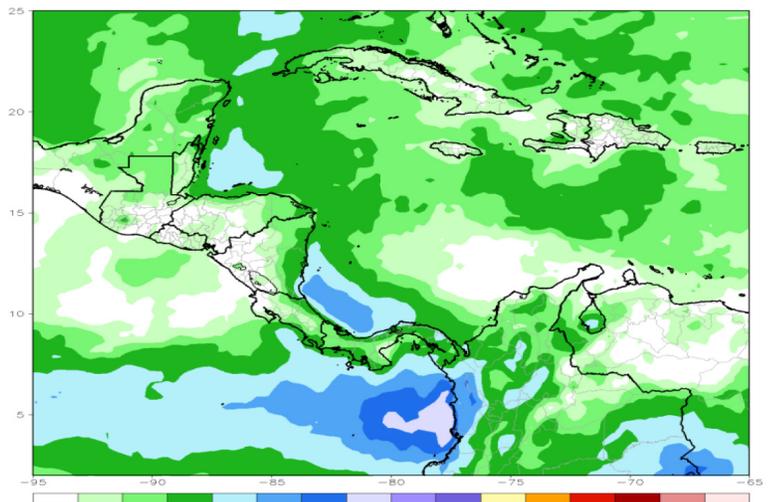
Source: FEWS NET/NOAA

Figure 3: GEFS Ensemble Mean Total Rainfall (mm)
Ending: December 22, 2021



Source: NOAA/CPC

Figure 4: GEFS Rainfall Anomaly (mm)
Valid: December 15 - December 21, 2021



Source: NOAA/CPC

ABOUT WEATHER HAZARDS

Hazard maps are based on current weather/climate information, short and medium range weather forecasts (up to 1 week) and their potential impact on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed. The boundaries of these polygons are only approximate at this continental scale. This product does not reflect long range seasonal climate forecasts or indicate current or projected food security conditions.