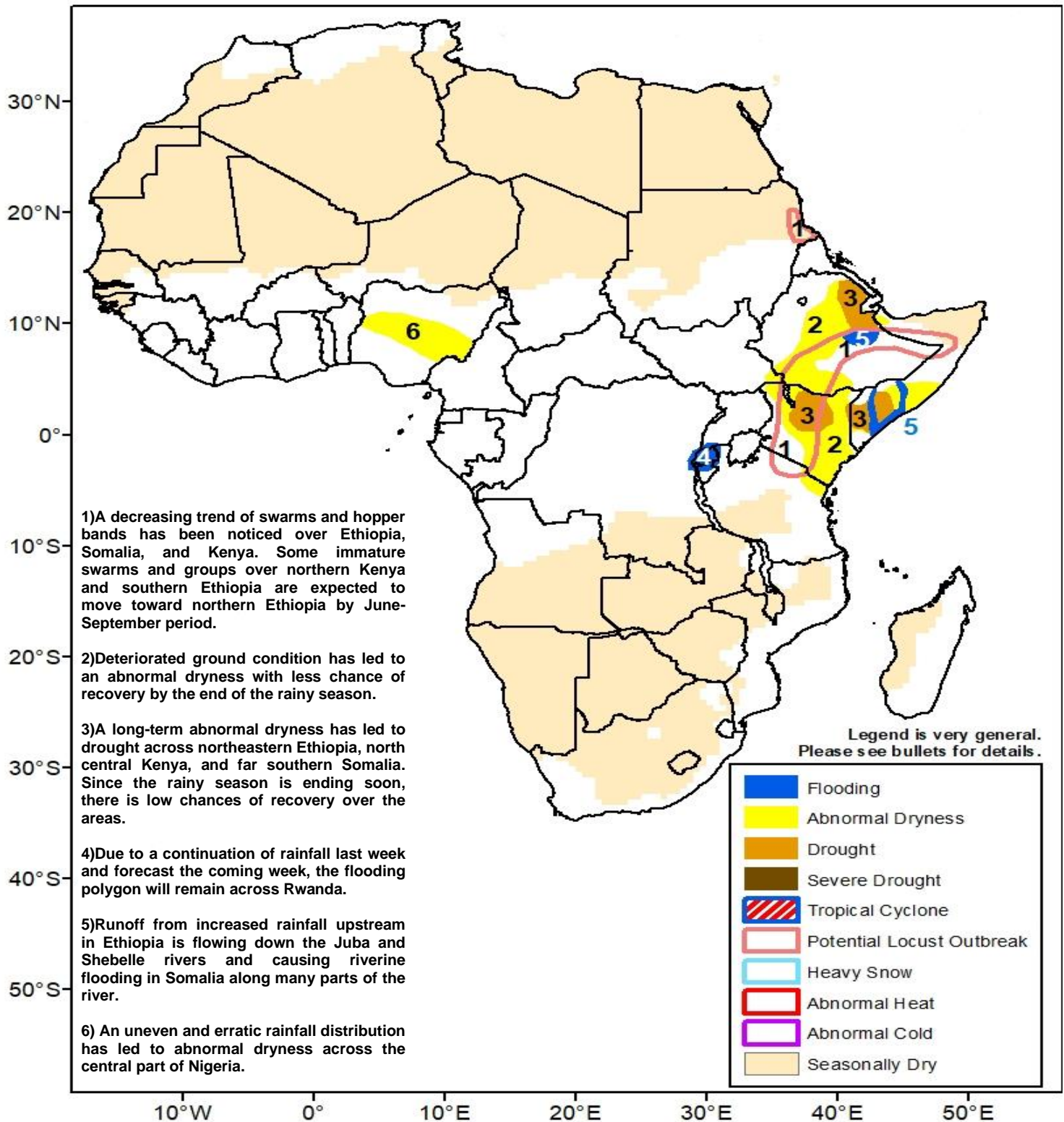




Climate Prediction Center's Africa Hazards Outlook May 13 – 19, 2021

- Riverine overflow has been reported along Juba and Shabelle rivers this past week.



Flash flood has been reported over Mogadishu in Somalia.

Several flash floods reports have been released across eastern Africa: a severe flooding across Butaleja over eastern Uganda, a deadly flood in Mogadishu with riverine overflow in Jowhar in Somalia, and 9 fatalities after heavy rainfall across Dire Dawa in Ethiopia. During the past 7 days, moderate to heavy rainfall was reported across western Ethiopia, western Kenya, eastern South Sudan, and eastern Uganda (**Figure 1**). Recent rainfall has tremendously helped alleviate the abnormal dryness across many areas in north-central and central Ethiopia. In contrast, a long-term abnormal dryness period has led to drought across northeastern Ethiopia, northeastern Kenya, and far southern Somalia (**Figure 2**).

Despite a recent increase amount of rainfall over the northern part of Ethiopia, the NDVI anomaly still shows a deteriorated ground condition with very poor vegetation and extremely low vegetation health index across its northeastern areas. Northeastern Kenya and southern Somalia also showed a critical vegetation health index with negative values of standard precipitation index which confirms drought conditions across the regions.

An above average rainfall is expected across western and southern Ethiopia, Uganda, and northeastern Democratic Republic of Congo. Seasonal rainfall is expected over central Somalia, South Sudan, western Kenya, and eastern Ethiopia. Below average is expected across northern and southern Somalia, northern Ethiopia, Tanzania, and southern Kenya.

An abnormal dryness has been issued over central Nigeria.

During the past 7 days, light rainfall, between 5-10mm, has been reported across eastern Guinea, Liberia, Cote d'Ivoire, and Burkina Faso which represents 10-25mm below average rainfall. Between 25-50mm has been registered over Togo, Ghana and Benin which is near to above average rainfall at this time of the year in the region (**Figure 1**).

The vegetation health index showed poor vegetation condition over the central and eastern part of Nigeria due to erratic rainfall distribution this past several weeks leading to an abnormal dryness across the area. A similar vegetation condition is observed across northern Cote d'Ivoire, northern Ghana, northern Togo, and northern Benin, corresponding to the previous season results.

During the coming outlook period, a seasonal rainfall is expected across Guinea, Liberia, and Sierra Leone. Below average is expected across Cote d'Ivoire, Togo, Ghana, Benin, and western Nigeria which could increase the moisture deficit building over the area since mid-April. Above average is expected over central and southern Cameroon which could help alleviate the strong moisture deficit across its coastal area.

Note: The hazards outlook map on page 1 is based on current weather/climate information and short and medium range weather forecasts (up to 1 week). It assesses 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.

Questions or comments about this product may be directed to Wassila.Thiaw@noaa.gov or 1-301-683-3424.

7-Day Satellite Estimated Total Rainfall (mm) Valid: May 05 – 11, 2021

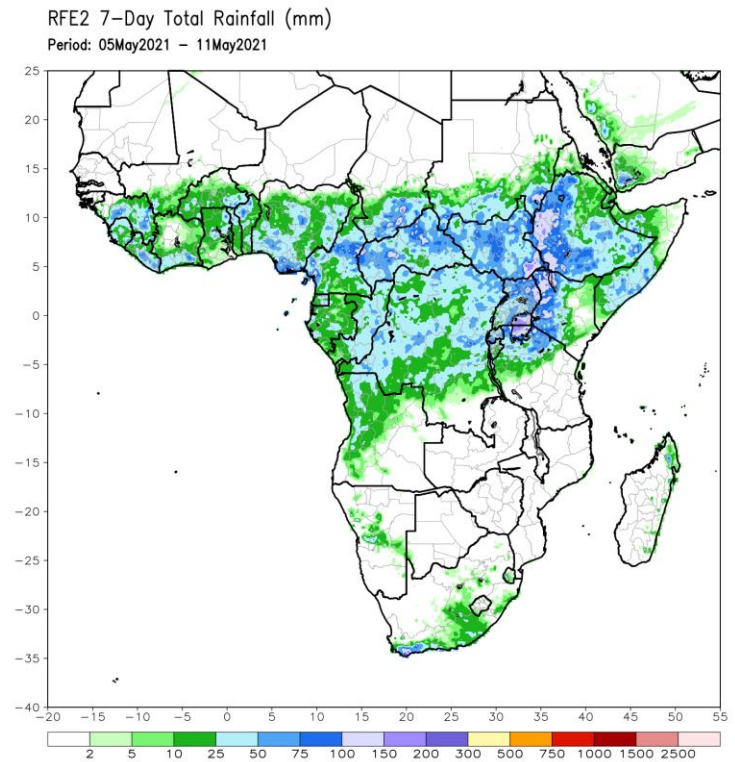


Figure 1: NOAA/CPC

3-Month Satellite Estimated Rainfall Anomaly (mm) Valid: March 01 – May 11, 2021

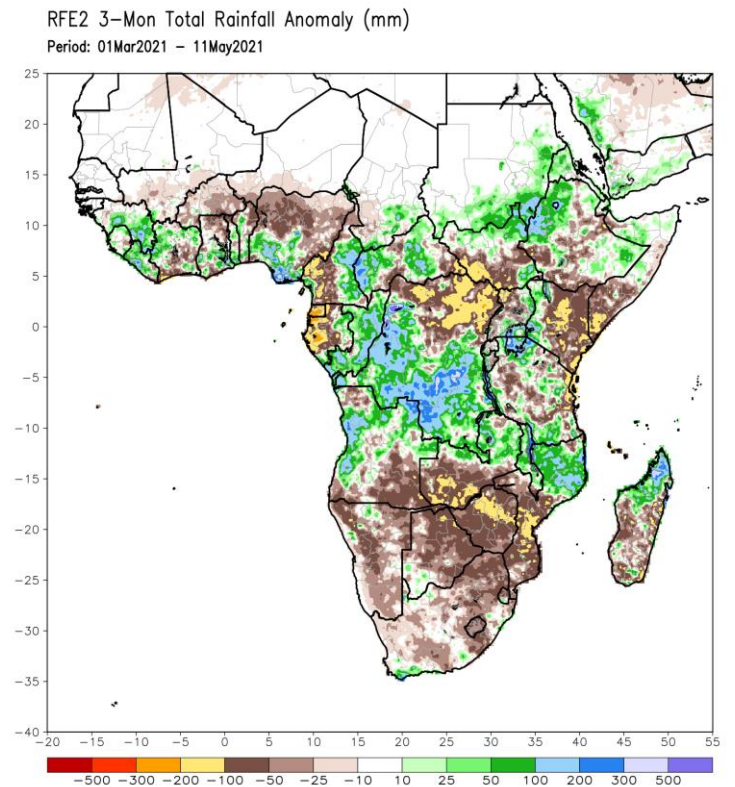


Figure 2: NOAA/CPC