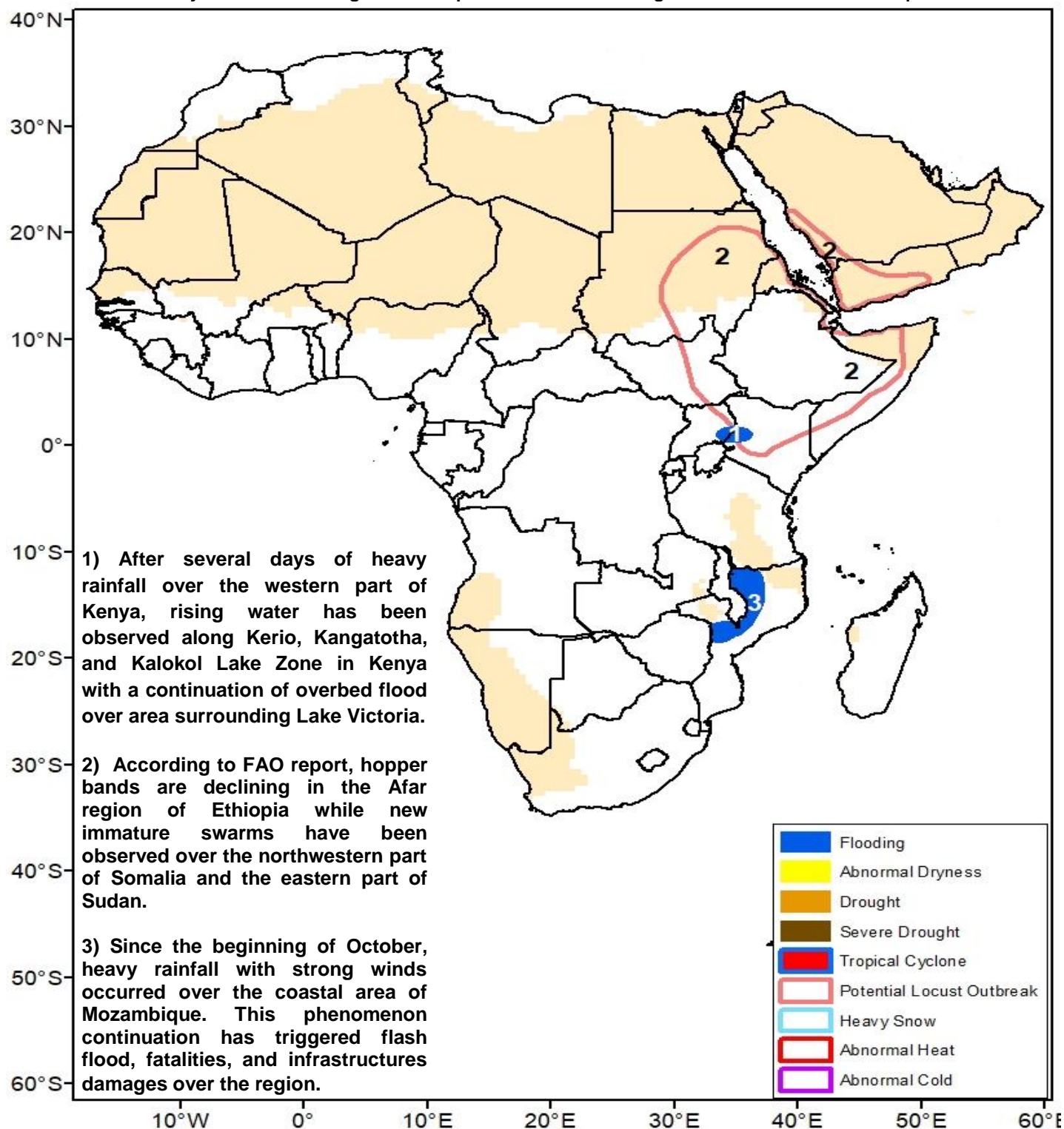




## Climate Prediction Center's Africa Hazards Outlook October 29 – November 04, 2020

- Riverine flood from Lake Turkana and Turkwel River has been reported in Kenya.
- Heavy rainfall and strong winds has provoked several damages and fatalities in Mozambique.



## Riverine flood over the western part of Kenya

During the second dekad of October, the ITF moved significantly southward compared to the previous dekad. Its position is now south of the climatological average along its entire length which mark the end of rainy season over Senegal, Mali, Burkina Faso, Niger, Chad, and the northern part of Nigeria (**Figure 2**). Moderate to heavy rainfall has been recorded overall the Gulf of Guinea countries including Liberia, Sierra Leon, Cote d'Ivoire, Ghana, Togo, Benin, and Guinea (**Figure 1**). Over East Africa, light to moderate rainfall has been recorded over the western and southern part of Ethiopia, the western part of Kenya, Uganda, South Sudan, and Democratic Republic of Congo. A portion of the southern part of Sudan and the western part of Tanzania have received light rainfall.

The positive NDVI correlates with the widespread of positive anomaly over West Africa. Comparing the two last dekad of vegetation NDVI, a continuation of growing vegetation has been observed over the western part of Africa.

During the coming outlook period, above average is expected over the eastern part of Ethiopia, Somalia, Uganda, the western part of Tanzania, the eastern part of Democratic Republic of Congo which could potentially trigger a flash flood. A seasonal rainfall is expected in South Sudan, the eastern part of Tanzania.

## Heavy rainfall and strong winds triggered damages and fatalities in Mozambique

The onset of the rainy season has been noticed over Angola. The past 7-day, satellite estimated total rainfall has reported light to moderate rainfall over the northern part of Angola, between 10-75 mm of rainfall (**Figure 2**). Showers has been recorded over EsWatini, Lesotho, the southern part of Madagascar and the eastern part of South Africa. A continuation of heavy rainfall accompanied by strong winds has provoked rising water level, infrastructure damaged and fatalities in Mozambique.

The NDVI is showing less vegetation over the southern part of Africa which will be monitored for the coming season.

For the coming outlook period, light to moderate rainfall is expected over Angola, EsWatini, Lesotho and the eastern part of South Africa. Mozambique will continue to receive rainfall which could exacerbate the actual ground water saturation and install livelihood insecurity over the region. Showers are expected over Namibia, Botswana, Zimbabwe, and Malawi. Madagascar is expected to receive below-average for the coming outlook period. Despite the his risk of rising water level in South Sudan, the most likely area to be under risk of flood must be over the eastern part of Uganda toward the far western part of Kenya.

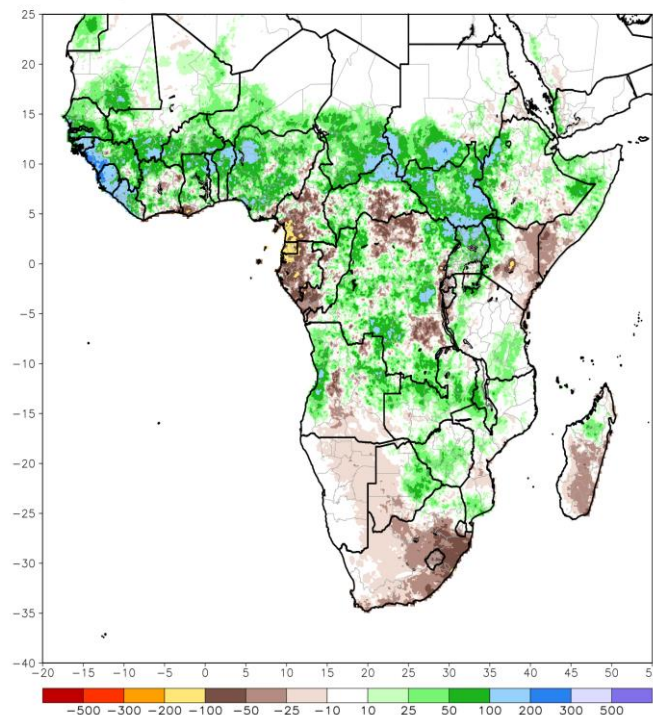
**Note:** The hazards outlook map on page 1 is based on current weather/climate information and short and medium range weather forecasts (up to 1 week). It assesses their potential impact on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed. 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](mailto:Wassila.Thiaw@noaa.gov) or 1-301-683-3424.

### 30-Day Satellite Estimated Total Rainfall Anomaly (mm) Valid: September 28 – October 27, 2020

ARC2 30-Day Total Rainfall Anomaly (mm)

Period: 28Sep2020 – 27Oct2020

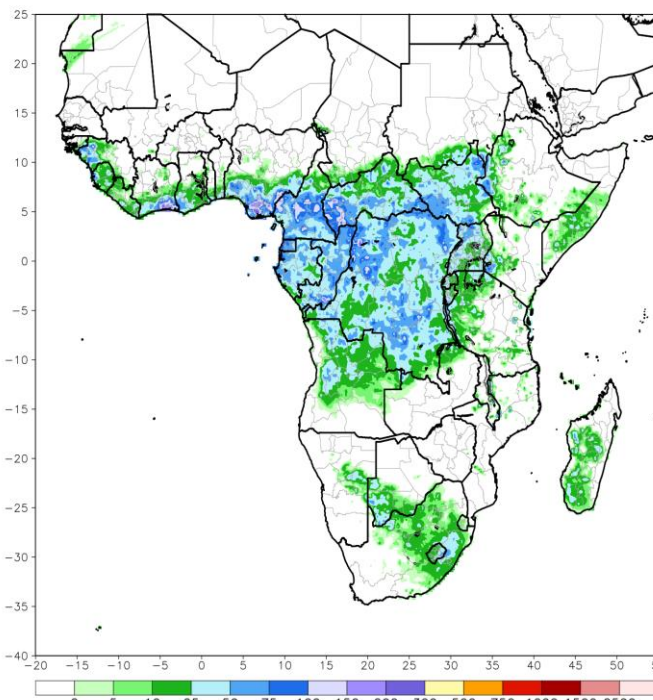


**Figure 1: NOAA/CPC**

### 7-Day Satellite Estimated Total Rainfall (mm) Valid: October 21 – 27, 2020

RFE2 7-Day Total Rainfall (mm)

Period: 21Oct2020 – 27Oct2020



**Figure 2: NOAA/CP**