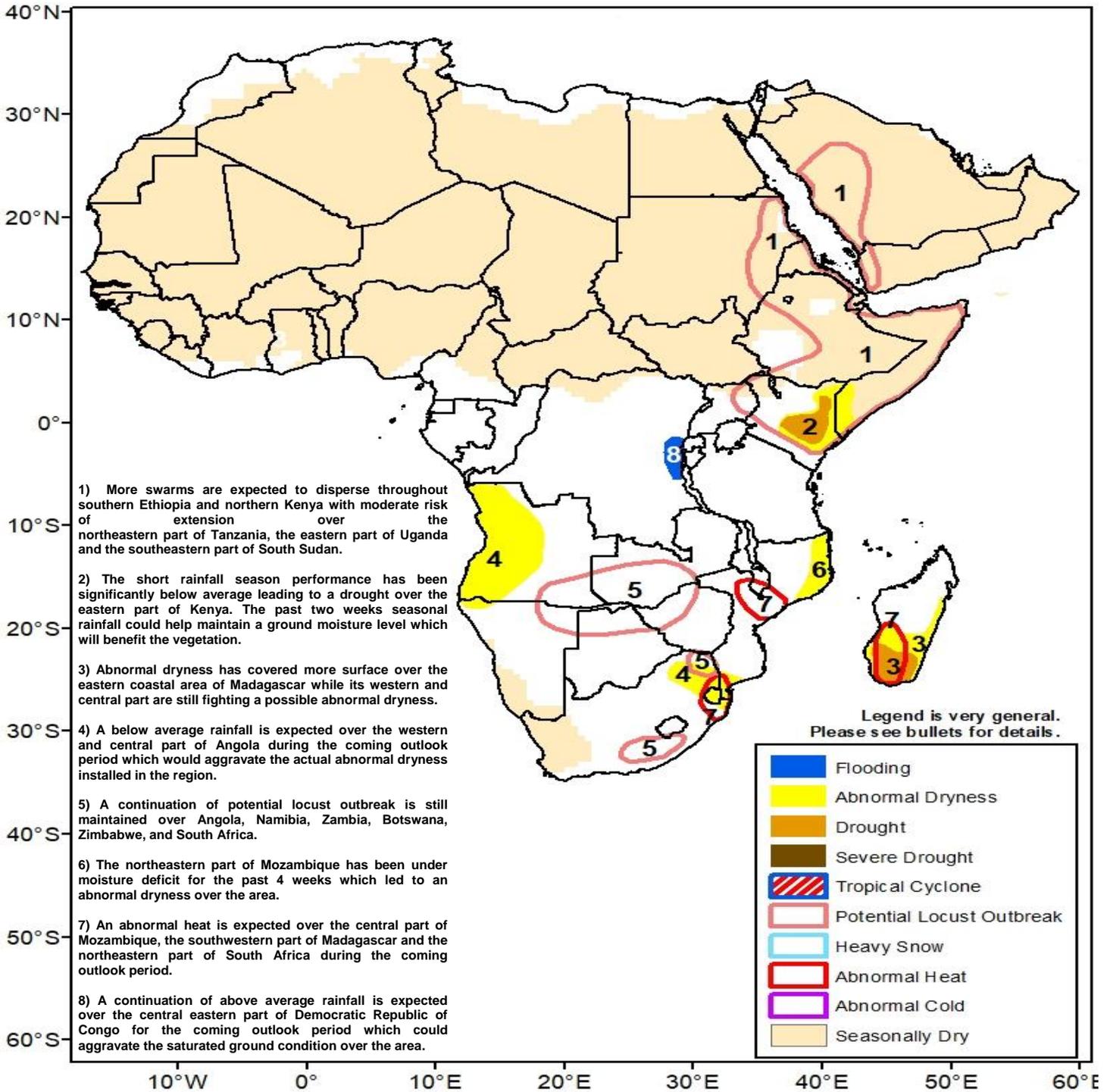




Climate Prediction Center's Africa Hazards Outlook January 14 – 20, 2021

- An abnormal dryness has been observed over the northeastern part of Mozambique.



Breeding activities have been observed over the northern part of Somalia.

During the past week, according to the satellite estimated rainfall, some showers have been recorded over the southern part of Ethiopia while light to moderate rainfall has been recorded over the southern part of Kenya confirming the end of short rains season over East Africa (Figure 1). For the past 30 day performance, a regression of moisture deficit over the southern part of Ethiopia and the far southeastern part of South Sudan has been observed. A short recovery has been observed over the eastern and central part of Kenya while a significant reduction of moisture deficit is observed over its western and southern part.

The NDVI is showing poor vegetation coverage over the southern part of Ethiopia, the eastern part of Kenya and the far southern part of Somalia. A growing vegetation is expected by the end of January due to the recent above-average rainfall received over the region this past two weeks.

During the coming outlook period, a below average rainfall is expected over the southern part of Ethiopia, Uganda, the northern part of Democratic Republic of Congo, and the northern-eastern part of Kenya. An above average rainfall is expected over Tanzania, the central part of eastern Democratic Republic of Congo, Rwanda, and Burundi while a seasonal rainfall is expected over the southern part of Democratic Republic of Congo.

An extension of abnormal dryness has been identified over the eastern coastal area of Madagascar.

During the past 7 days, heavy rainfall has been observed over the southeastern part of Angola, the northern and southern part of Zambia, Botswana, and Namibia. A flood report has been issued over the southern part of Namibia, the Naute Dam near Keetmanshoop has been rising water levels with a jumped past 117.8% of capacity. Another significant inflow of water in the Neckartal Dam on the Fish River near Berseba has been also reported in Namibia. Light to moderate rainfall has been recorded over South Africa including Lesotho and EsWatini, Mozambique, Zimbabwe, and a major part of Madagascar. Below average rainfall has been recorded over the western part of Angola, the eastern coastal area of Madagascar, the northeast and southeast coastal area of Mozambique and the northern part of South Africa which is a continuation of a same pattern for the past few weeks over those areas. The past 30 days performance is showing a more dramatic build in moisture deficit over the same areas confirming an abnormal dryness establishment.

During the coming outlook period, an above rainfall is expected over the central part of Madagascar, the central part of Mozambique, the northern part of Namibia, the northern part of Botswana, Zimbabwe, Zambia, and the eastern part of Angola. A below average rainfall is expected over the western and central part of Angola, the far northern part of South Africa, while seasonal rainfall is expected over the southern part of Mozambique.

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.

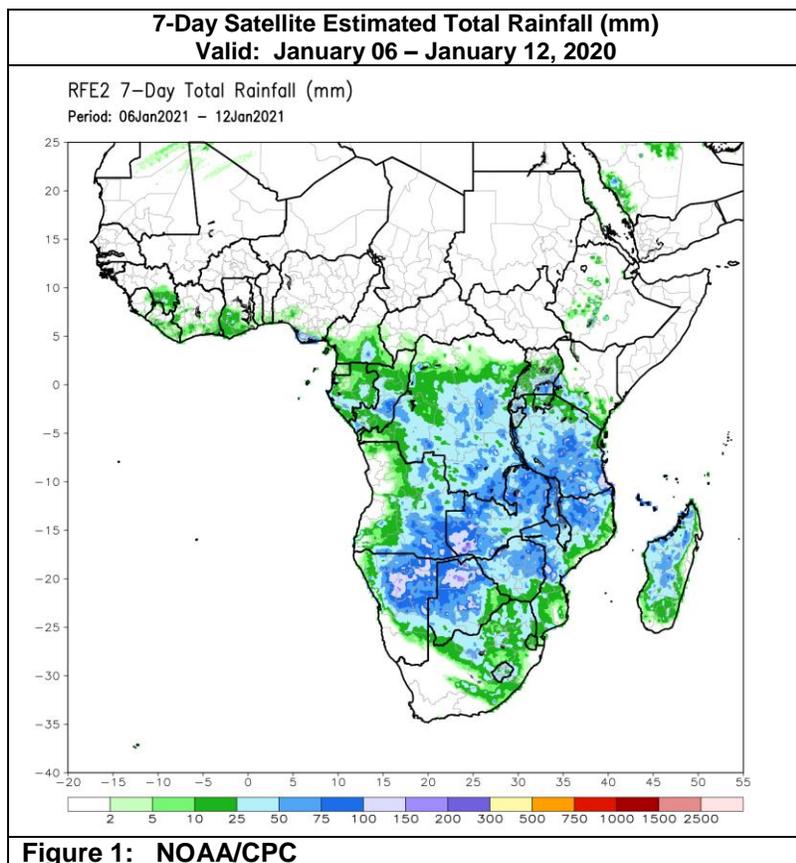


Figure 1: NOAA/CPC

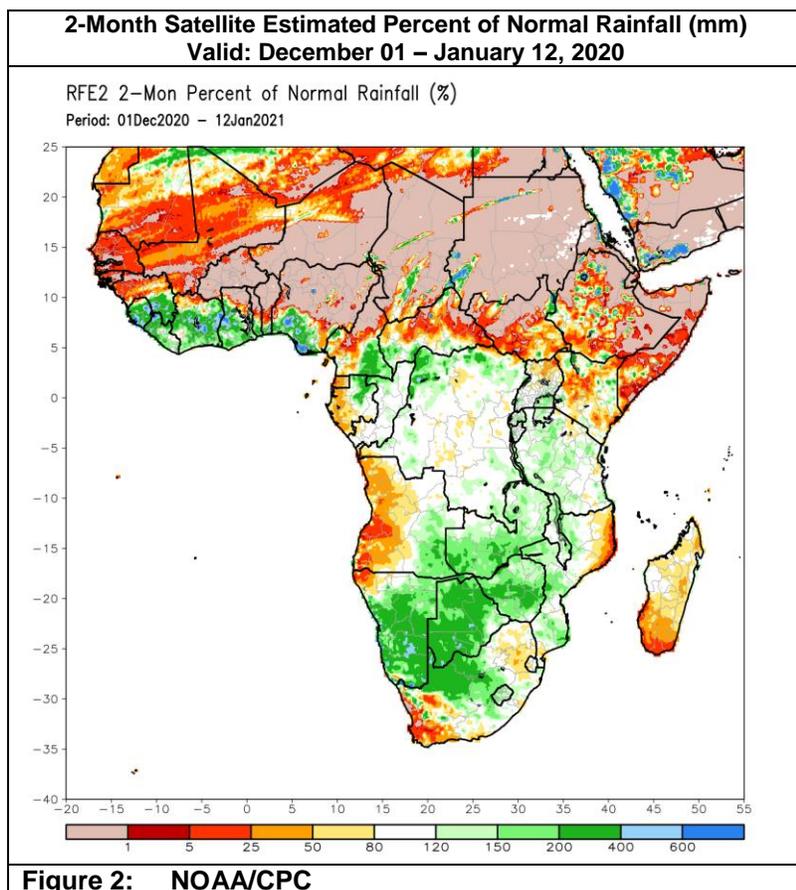


Figure 2: NOAA/CPC