

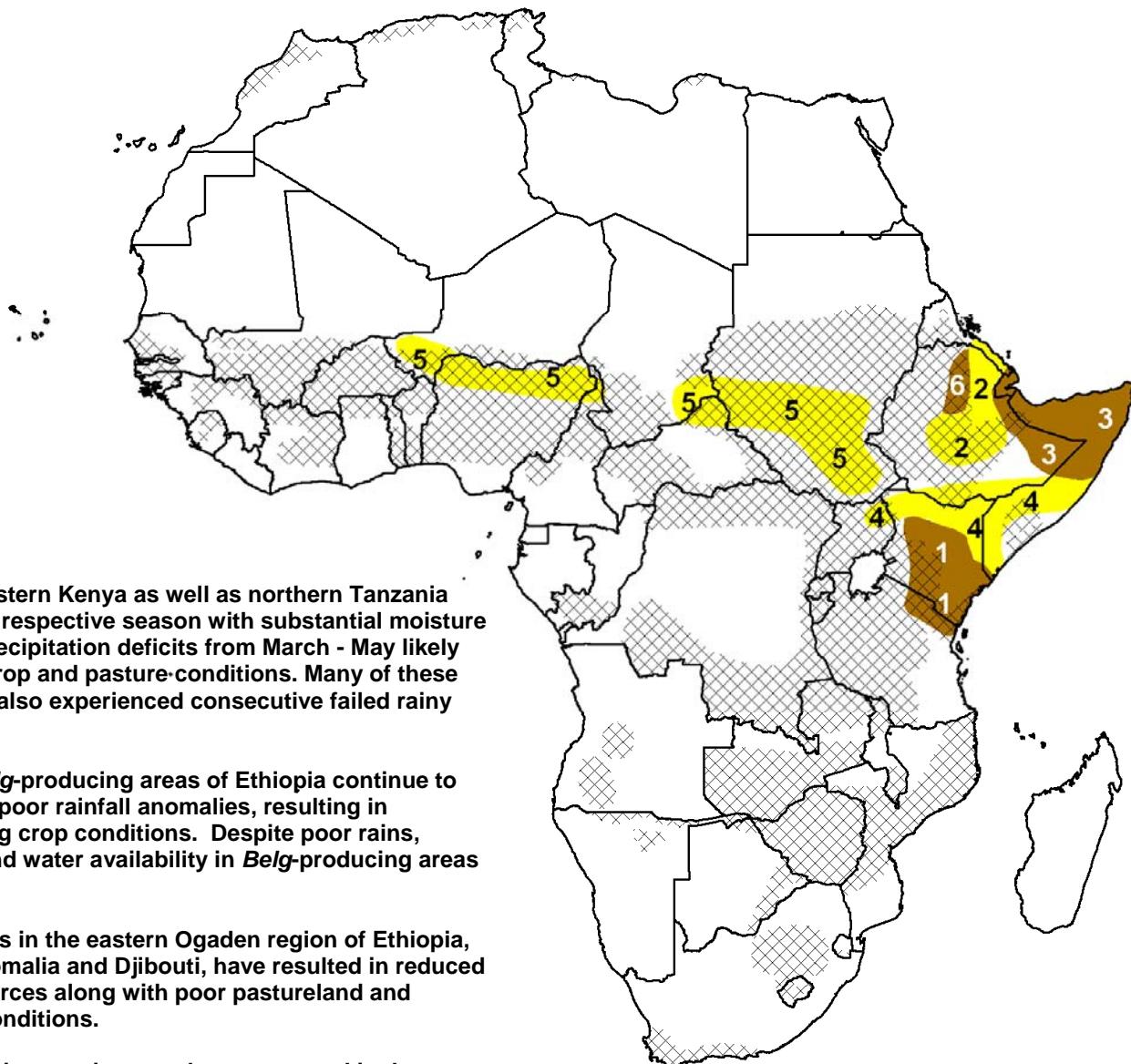


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The USAID FEWS NET Weather Hazards Impacts Assessment for Africa June 18 – 24, 2009

FEWS NET
FAMINE EARLY WARNING SYSTEMS NETWORK

- Meher rains have begun strong across western Ethiopia.
- Early season rainfall deficits have continued to grow in scattered locations from Sudan to Senegal.



1) Southeastern Kenya as well as northern Tanzania ended their respective season with substantial moisture deficits. Precipitation deficits from March - May likely degraded crop and pasture-conditions. Many of these areas have also experienced consecutive failed rainy seasons.

2) Many *Belg*-producing areas of Ethiopia continue to experience poor rainfall anomalies, resulting in deteriorating crop conditions. Despite poor rains, livestock and water availability in *Belg*-producing areas are good.

3) Poor rains in the eastern Ogaden region of Ethiopia, northern Somalia and Djibouti, have resulted in reduced water resources along with poor pastureland and livestock conditions.

4) Precipitation continues to be suppressed in the Mandera Triangle and nearby areas of Kenya, Ethiopia and Somalia as well as northeastern Uganda.

5) More than a month of low rainfall totals is leading to early season dryness concerns in southern Sudan. During the last few weeks similar conditions have spread into the Central African Republic and Chad. The suppression of the Intertropical front has also led to some short-term dryness along the Niger-Nigeria border.

6) Northern *Belg*-producing areas experienced drier conditions than areas further south. Water availability is poor and pastures have been degraded.

Legend is very general, please see numbered descriptions for details.

	June Cropped Areas
	Favorable
	Somewhat Favorable
	Flooding
	Short-term Dryness
	Drought
	Severe Drought

An area of dryness spanning from Sudan to Niger, some improvement in CAR

A suppressed Intertropical front has prevented moisture from moving northward at its normal rate. This has resulted in early season precipitation deficits in scattered pockets in an area stretching from Niger to Sudan. Guinea-Bissau is also experiencing a slightly delayed start to the season, and Burkina Faso's positive anomalies are slowly slipping.

The largest deficits remain in Sudan, where a large area has received less than half of their average precipitation since May 1st. Northern Nigeria and western Niger both have deficits approaching half of their average precipitation. In northern Nigeria, 100 mm of rainfall is currently needed to eliminate the early season dryness. In Guinea-Bissau, the first rains typically arrive around this time of year; however moisture deficits of more than 25 mm have already been reported. The Guinea-Bissau deficits, in contrast to the others, could be easily made up with a week of heavy rains. (Figures 1 and 2)

During the past two weeks, both the Central African Republic and Chad have received heavy rainfall, which has increased soil moisture and reduced, albeit slightly, precipitation deficits.

Mali, unlike the above mentioned areas, has maintained steady precipitation throughout the early days of the season. Precipitation remains at a surplus in just about all of the country.

Although it remains early in the season, and rains could later offset the poor rains seen thus far in many areas, seasonal forecast models show enhanced risk for below-normal rainfall over much of the Sahel this summer, so the situation needs to be monitored closely.

Western Ethiopia continues good start to the season, slight delay in some nearby locations

Heavy persistent rainfall has been the ongoing theme of the western Ethiopia Meher season. (Figure 3) Rainfall totals remain well above average for this season in many locations, with other areas reducing deficits incurred from the poor Belg season. Note that this will not revive Belg crops, but will improve soil moisture.

There are some locations to the east, however, where deficits continue to rise as the season has been a little slow to start in the east of the Rift Valley.

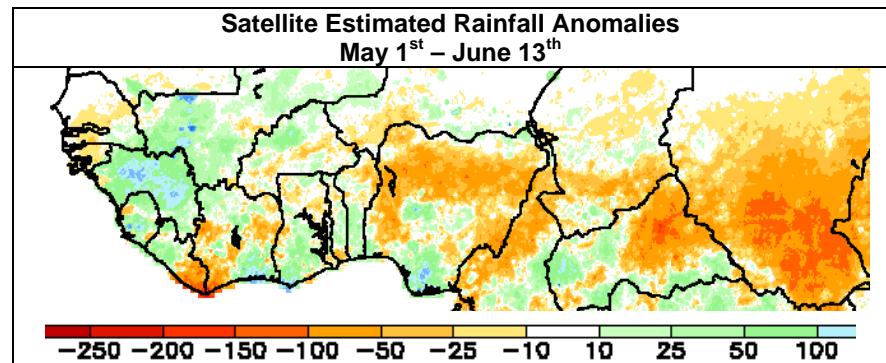


Figure 1: Early season rainfall deficits remain widespread over Nigeria, Cameroon, Chad, Central African Republic and especially Sudan. Smaller pockets of dryness exist in Burkina Faso, Senegal, The Gambia and Guinea-Bissau.

Source: NOAA/CPC

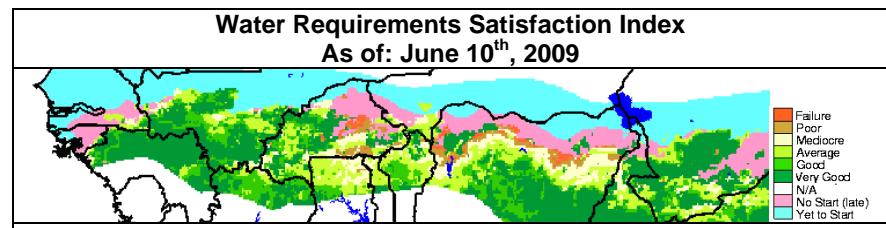


Figure 2: Precipitation deficits are potentially having an impact on crop conditions, based on a delayed start of the rains in Guinea-Bissau, Senegal, Burkina Faso, and Nigeria.

Source: USGS

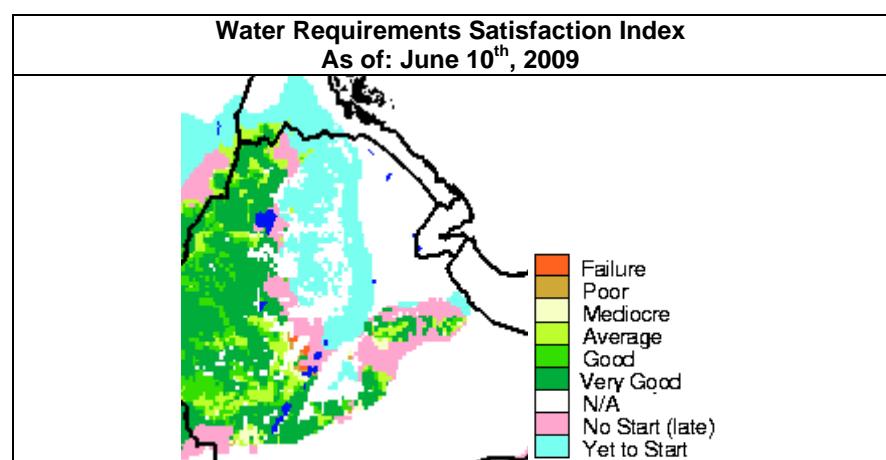


Figure 3: The Meher season is progressing well in western Ethiopia, although a few locations have been slow to start their season.

Source: USGS