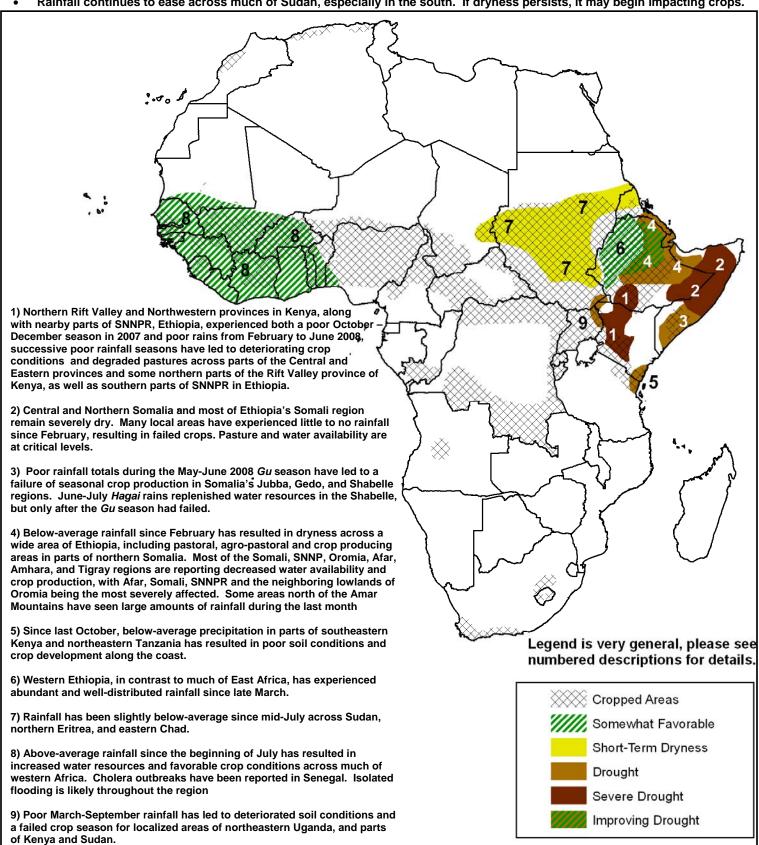


The USAID FEWS NET Weather **Hazards Impacts Assessment for Africa** August 21 - 27, 2008



- Precipitation across much of western Africa has been above average. The exception is Niger where rainfall has been below average during later July and early August.
- Rainfall continues to ease across much of Sudan, especially in the south. If dryness persists, it may begin impacting crops.



Negative rainfall anomalies continue to grow in Sudan, spread into Chad and Eritrea

Over the past month, rainfall has become light across Sudan and in nearby parts of Eritrea and Though some areas continue to see Chad. sufficient rainfall for agriculture, many areas are beginning to show signs of crop stress. In northern Sudan, rainfall totals have been below-normal, with the start of seasonal rains in areas southwest and east of Khartoum at least two dekads late. The Darfur region continues to experience suppressed rainfall, and in southern Sudan, rainfall deficits continue to grow. These conditions are having an adverse effect on crops (Figure 1).

Given that seasonal rainfall is now approaching its northern-most extent, time for improvement in these areas is limited. Within the next couple of weeks, rainfall will begin to slowly withdraw, from north to south, across the region. If rainfall does not improve over the next one to two weeks in the northern-most areas, moisture deficits may not be able to recover.

A 30 day dry spell may have ended in Niger

During late July and early August rainfall totals were poor, but rainfall remained well distributed across Niger. Season long anomalies, since May, are now near average (Figure 2); while just a month ago they were 150 percent of average.

There is still ample opportunity for improvement. August is the wettest month of the year in Niger, and during the last week rainfall totals have improved. If this trend continues, and the rains stay in place through early October, the season will have recovered. However, an early end to the rains will have significant impacts on crops that have experienced a period of suppressed rains.

Precipitation remains plentiful in the western Sahel and the Gulf of Guinea regions

An area spanning from Mauritania and Senegal to Sierra Leone to Togo has experienced abundant and well distributed rainfall. This has benefited crops, pastures and drinking water supplies throughout the region. (Figure 2)

These rains have come at a price: there are reports from Senegal about outbreaks of cholera and flooding has caused problems throughout the region.

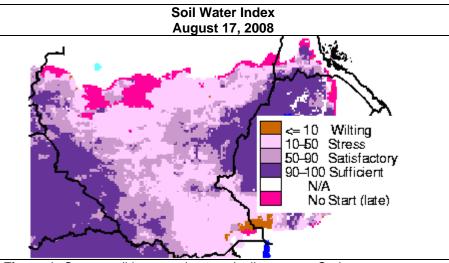


Figure 1: Crop conditions continue to decline across Sudan.

Source: USGS

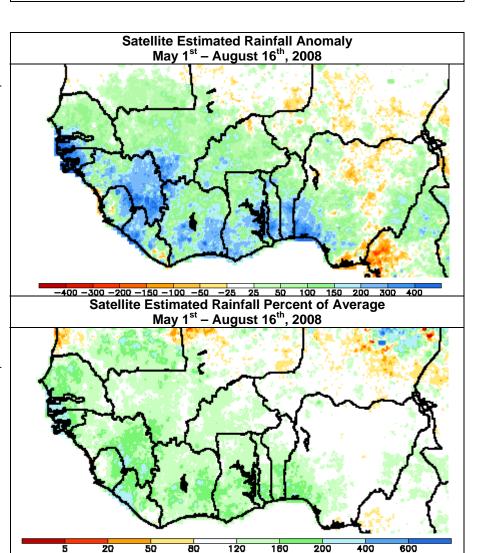


Figure 2: Rainfall has been abundant in western parts of the Gulf of Guinea and Sahel regions. Positive rainfall anomalies have vanished across southern Niger

Source: NOAA/CPC

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