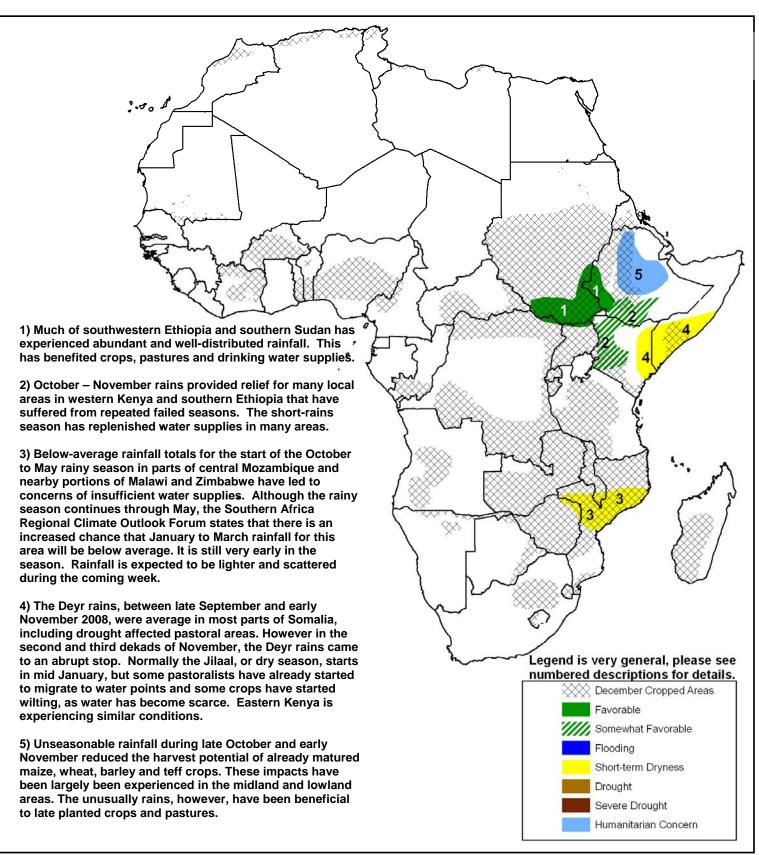


The USAID FEWS NET Weather Hazards Impacts Assessment for Africa December 4 – 10, 2008



- Precipitation has been below-average across central Mozambique and nearby portions of Zimbabwe and Malawi.
- Rainfall has been average to above average across Angola, Zambia, Namibia, Botswana and South Africa.



Precipitation tappers off in southern Somalia, is slow to start in central Mozambique

Rainfall had been heavy early during the short rains in Somalia, but then abruptly cut off. Meanwhile moisture has been slow to move into central Mozambique and nearby parts of Malawi and Zimbabwe.

After a poor long-rains season, in Somalia, the short-rains began slightly early and much heavier than average. The heavy rains caused flooding, mainly along the Jubba and Shebelle rivers. However, in mid-November the rainfall eased considerably, and for the last three weeks there has been only the occasional light rain shower (Figure 1). The rainfall distribution for the season has been guite poor. Additional rainfall is needed in this area, although next week is not likely to be favorable for precipitation.

In central Mozambique and nearby portions of Zimbabwe and Malawi, the wet season has been slow to start (Figure 2). Rainfall since October 1st has been less than half of average, with moisture deficits as high as 150 mm (Figure 3). Although it is still early in the season, an unfavorable outlook from the Southern Africa Regional Outlook Forum is calling for an increased chance of an average to below average season. Rainfall is expected to increase slightly in this area during the next week, but this will not significantly reduce current deficits.

The large scale forcing on both of these regions is a general area of suppressed rainfall currently in place over the Indian Ocean. During the past week this region has been sliding slowly east, and will continue to move in that direction in over the next several days. Although there is no guarantee that this area moving away from Africa will increase precipitation in Mozambique and Somalia, this will remove one of the causes of the below-average precipitation in both regions.

Most of southern Africa experiencing favorable rainfall

Rainfall in much of southern Africa has been near average, and in some place above average, despite early season concerns in some areas. Central Mozambique remains the exception in region with below-average rainfall totals.

Near average areas include the Maize Triangle and Western Cape province in South Africa. Most of Botswana, western Zimbabwe, southern Mozambique and most of Angola are also at about average. Meanwhile, Namibia and Zambia as well as a large area surrounding the Caprivi Strip have significantly above-average precipitation totals for this time of year. Twice the average rainfall has been reported in many locations throughout this area. (Figure 3)

During the last week rainfall has eased significantly, and that is expected to continue into the coming week. This will allow rivers a chance to drain down and should not hamper in season crops.

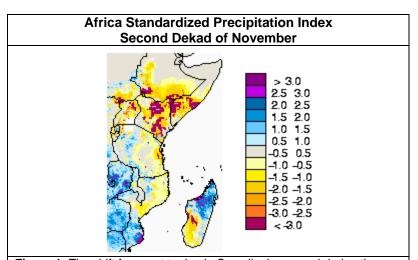


Figure 1: The shift from wet to dry, in Somalia, happened during the second dekad of November. This shift also occurred in Kenya, Tanzania and Mozambique.

Source: FEWS NET/USGS

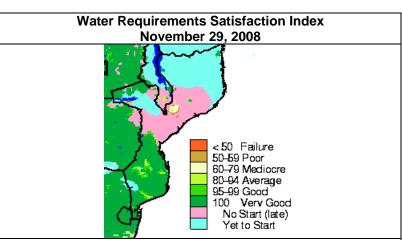


Figure 2: Precipitation has been slow to start in Central Mozambique and nearby portions of Zimbabwe and Malawi.

Source: FEWS NET/USGS

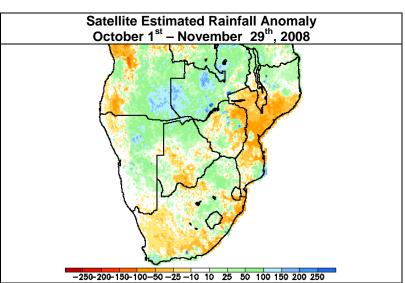


Figure 3: Precipitation has been average to above-average across most of southern Africa. The biggest exception has been sections of Mozambique and nearby portions of Zimbabwe and Malawi.

Source: FEWS NET/NOAA

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