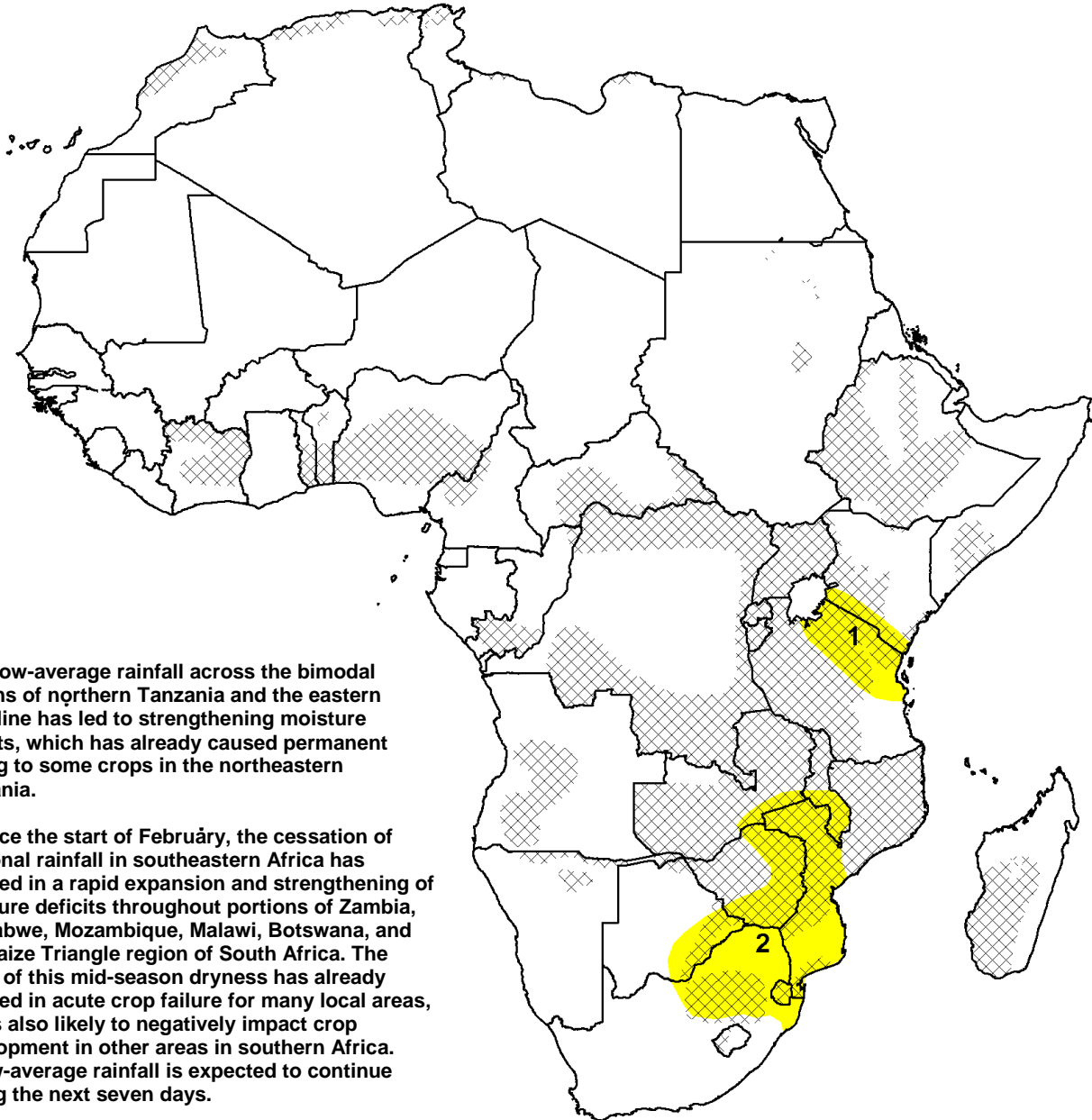
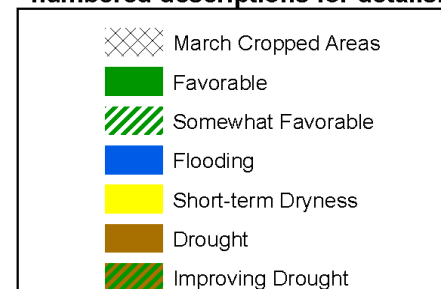


- Rainfall continued to be suppressed over portions of southeastern Africa further exacerbating mid-season dryness while areas in northern Zimbabwe and southern Zambia experienced a return to more moderate rains.



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



Mid-season dryness continues in southeastern Africa.

During the past week, rainfall continued to be suppressed across southeastern Africa. However, moderate to heavy rains (>40 mm) returned to northern Zimbabwe and southern Zambia after being absent for most of February. Over the past seven days, little precipitation was observed over southern Zimbabwe and central/southern Mozambique while light rainfall (<10mm) was mostly observed over South Africa except for localized areas which received moderate rain showers. Further west, ample rain (>50 mm) continued for a fourth week over Angola and northern Namibia while moderate rain (30-50 mm) was observed in Botswana. The highest precipitation totals (>100 mm) during the past week were recorded in southern Angola. Abundant rain (>50 mm) also continued for a fourth week over northern and eastern Madagascar, northern Mozambique, and southern Tanzania while areas further north in Tanzania experienced a return to drier conditions as little to no precipitation was recorded (Figure 1).

Over the past thirty days, the suppression of rainfall across central and southeastern portions of southern Africa has led to strengthening rainfall deficits in the region. This has been in stark contrast to the large rainfall surpluses in January when abundant rains caused river and flash flooding. The lack of rainfall during the past week has increased deficits to over 100 mm in central and southern Mozambique, northeastern South Africa and southern Zimbabwe. Even across northern Zimbabwe and southern Zambia, which observed a return of heavy rains, rainfall deficits over the past thirty days continue to be greater than 50 mm (Figure 2). The development of mid-season dryness over a large area in southern Africa, as indicated by low values of the Soil Water Index (Figure 3), has caused the wilting of crops in Malawi and southern Zambia and is expected to negatively impact crops during their developmental phase elsewhere should the dryness persist.

Model forecasts indicate another week of light rain across southeastern Africa which would continue to negatively affect crops in the area. Meanwhile, moderate to heavy rainfall is forecast over northern Mozambique, Malawi, Zambia, Angola, Namibia and northern Zimbabwe.

Little rainfall observed across northern Tanzania.

After observing heavy rain two weeks ago, rainfall was limited across dry portions of northern Tanzania (Figure 1). Due to the abundant recent rains, though, rainfall deficits have been reduced or eliminated over localized areas in the region. Dryness still persists in coastal regions, around Lake Victoria and along the border of Tanzania and Kenya as indicated by low values of the Soil Water Index (Figure 3). Beneficial rains are not expected during the next week as models forecast light precipitation across northern Tanzania.

Satellite Estimated Precipitation (mm)  
Valid: February 22<sup>nd</sup> – February 28<sup>th</sup>, 2011

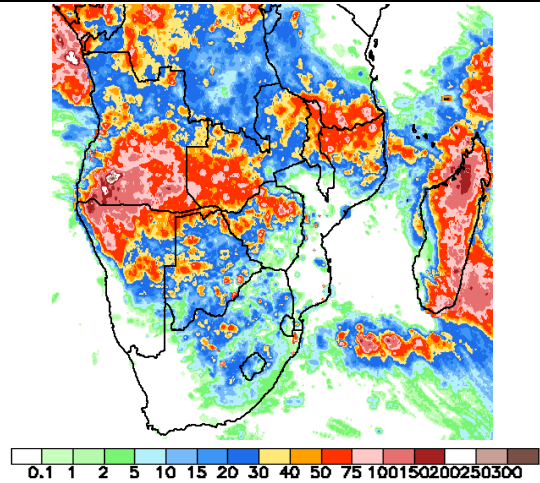


Figure 1: NOAA/CPC

Satellite Estimated Precipitation Anomaly (mm)  
Valid: January 30<sup>th</sup> – February 28<sup>th</sup>, 2011

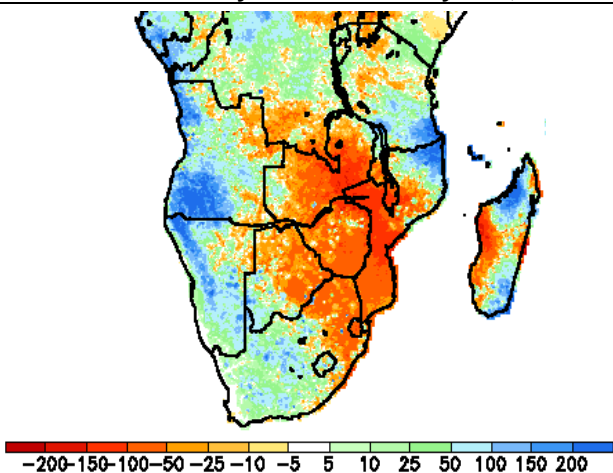


Figure 2: NOAA/CPC

Daily Soil Water Index  
Valid: As of the 3<sup>rd</sup> Dekad of February, 2011

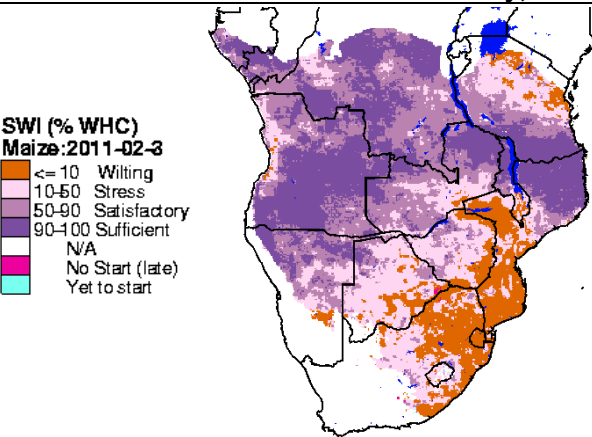


Figure 3: USGS/EROS

**Note: The hazards assessment 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.**

FEWS NET is a USAID-funded activity whose purpose is to provide objective information about food security conditions. Its views are not necessarily reflective of those of USAID or the U.S. Government. The FEWS NET weather hazards assessment process and products include participation by FEWS NET field and home offices, NOAA-CPC, USGS, USDA, NASA, and a number of other national and regional organizations in the countries concerned. Questions or comments about this product may be directed to Wassila.Thiaw@noaa.gov or 1-301-763-8000 x7566. Questions about the USAID FEWSNET activity may be directed to Gary Eilerts, USAID Program Manager for FEWSNET, 1-202-219-0500 or geilerts@usaid.gov.