

Rainfall Forecast for 17-24 October 2023

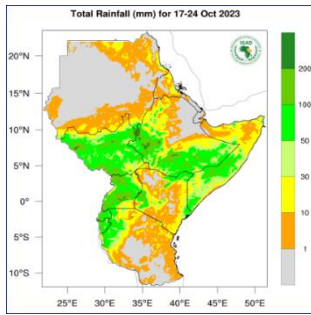


Figure 1 – Total rainfall forecast for 17-24 Oct 2023 (Source: ICPAC/ICPAC¹)

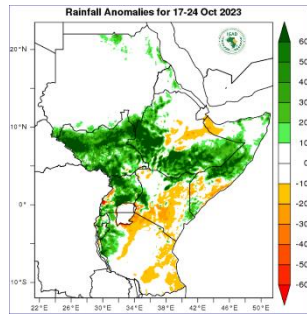


Figure 2 – Rainfall anomalies forecast for 17-24 Oct 2023 (Source: ICPAC)

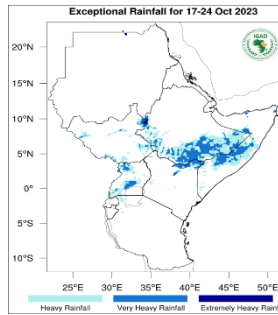


Figure 3 – Exceptional rainfall forecast for 17-24 Oct 2023 (Source: ICPAC)

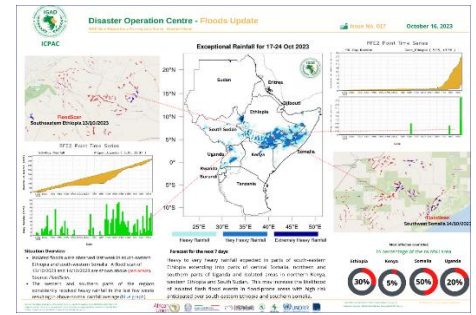


Figure 4 – Flood Update / forecast for 17-24 Oct 2023 (Source: ICPAC)

Figure 1 above indicates moderate rainfall (50-200 mm - colored green) is expected over South Sudan while light rainfall (less than 50mm – colored yellow) is expected in the northern parts of South Sudan bordering Sudan and in isolated areas of Eastern Equatoria such as in Kapoeta Greater Kapoeta, parts of Budi and Ikotos. Figure 3 above shows heavy to very heavy rainfall conditions (colored blue) is expected in isolated areas of South Sudan. Figure 4 above shows heavy to very heavy rainfall expected in northern and southern Uganda which will increase the likelihood of increased water level in the Nile flowing inside South Sudan, hence increasing the likelihood of isolated flash flood events in flood prone areas along the Nile in Jonglei, Upper Nile and Unity.

In terms of rainfall anomalies (Figure 2 above) wetter than usual conditions (colored green) are expected over South Sudan.

Temperature Forecast for 17-24 October 2023

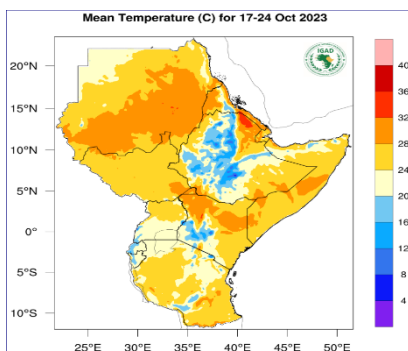


Figure 5 – Mean temperature forecast for - 17-24 Oct 2023 (Source: ICPAC)

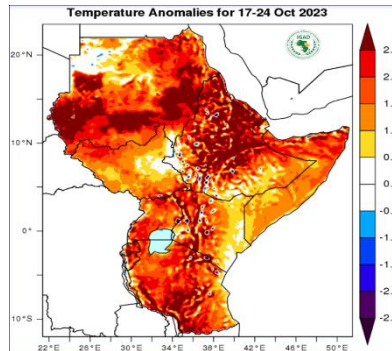


Figure 6 – Temperature Anomalies for 17-24 Oct 2023 (Source: ICPAC)

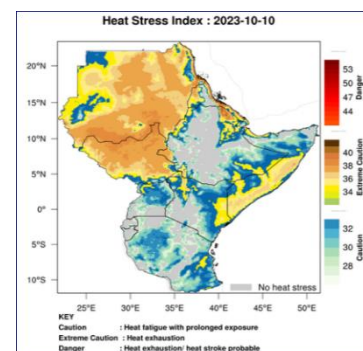


Figure 7 – Heat Stress Index: 2023-10-10 for 17-24 Oct 2023 (Source: ICPAC)

Figure 5 indicates moderate to high temperatures (20 - 32 °C-colored red) are expected over most parts of South Sudan. Figure 7 indicates heat exhaustion is forecast over parts of South Sudan and individuals are encouraged to stay hydrated during this time.

According to the temperature anomalies map (Figure 6) warmer than usual temperatures (colored reddish) are predicted over most parts of South Sudan.

¹ <https://www.icpac.net/weekly-forecast/>

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Visit the CLIMIS Portal: <http://www.climis-southsudan.org>

View Rain Gauge Data on the CLIMIS Portal: http://www.climis-southsudan.org/agromet/rainfall_data

For more details, contact: FAO South Sudan: FAO-South-Sudan@fao.org