

Rainfall Forecast for 16-23 April 2024

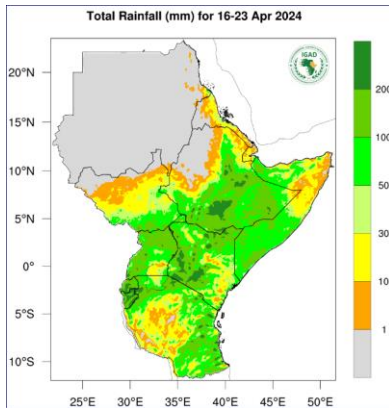


Figure 1 – Total rainfall forecast for 16-23 Apr 24 (Source: ICPAC¹)

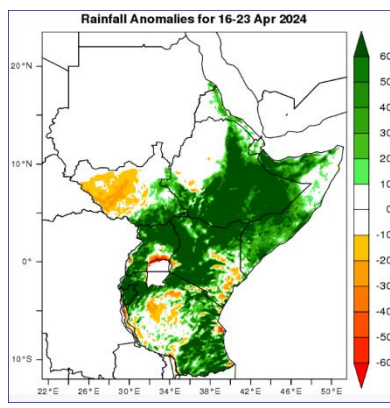


Figure 2 –Rainfall anomalies forecast for 16-23 Apr 24 (Source: ICPAC)

Figure 1 indicates that Light rainfall (less than 50 mm-colored orange) is expected in central to northern parts of South Sudan with moderate amounts (50-100mm-colored greenish) in the southern regions such as in Eastern and Central Equatoria as well as southern parts of Western Equatoria

In terms of rainfall anomalies (Figure2), drier than usual conditions (colored orange) are expected over central to western parts of South Sudan.

Temperature Forecast for 16-23 April 2024

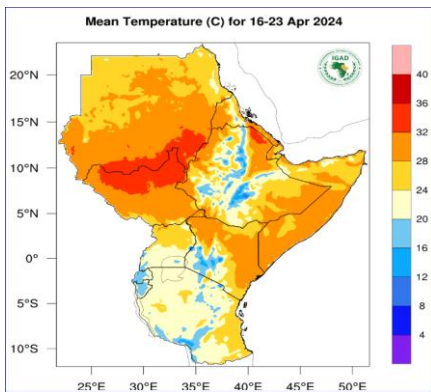


Figure 3 – Mean temperature forecast for - 16-23 Apr 24 (Source: ICPAC)

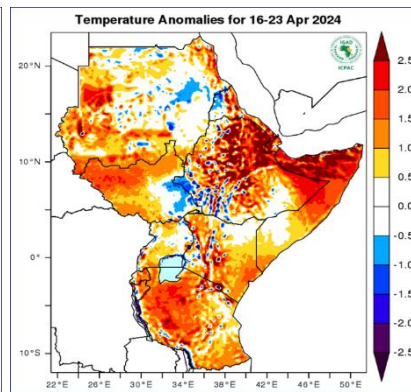


Figure 4 – Temperature Anomalies 16-23 Apr 24 (Source: ICPAC)

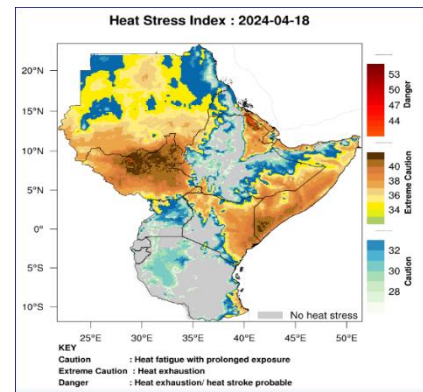


Figure 5– Heat Stress Index: 2024-04-18 16 -23 Apr24 (Source: ICPAC)

Figure 3 above indicates high temperatures (above 32 °C-colored red) are expected over northern regions of South Sudan such as Upper Nile, Unity, northern Jonglei, most of Warrap, and Northern Bahr-el-Ghazal, while Moderate temperatures (20 - 32 °C-colored orange) expected over the rest of the country. Figure 5 above indicates elevated levels of heat stress are expected over northern parts of South Sudan.

According to the temperature anomalies map (Figure 4 above) warmer than usual temperatures (colored orange) are predicted over most parts of South Sudan while cooler than usual temperatures (colored blue) are forecasted over cross-border regions of South Sudan and Ethiopia. The rest of the country (colored cyan) is expected to experience normal temperatures.

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

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