

Rainfall Forecast for 15-22 May 2024

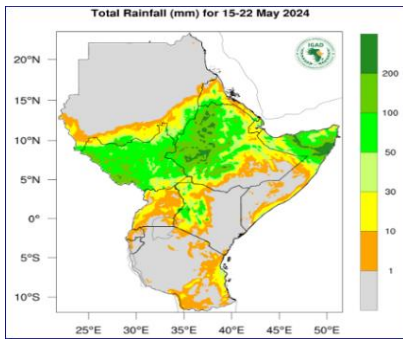


Figure 1 – Total rainfall forecast for 15-22 May 2024 (Source: ICPAC¹)

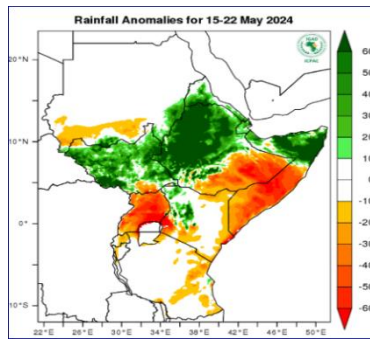


Figure 2 – Rainfall anomalies forecast for 15-22 May 2024 (Source: ICPAC)

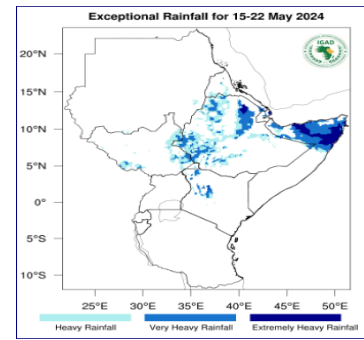


Figure 3 – Exceptional rainfall for 15-22 May 2024 (Source: ICPAC)

Figure 1 indicates that moderate rainfall (less than 50 -200 mm-colored green) is expected over most parts of South Sudan with highest rainfall of 100-200 mm (colored dark green) expected in isolated areas in the western parts of South Sudan while Figure 3 above indicates exceptionally very heavy rainfall (exceeding the top 5% on record) (colored blue) is expected in eastern and south western Ethiopia, and the border areas of South Sudan i.e.. Maiwut and Boma and Lotimor in Kapoeta East and Pibor. This is likely to increase water flow into Pibor River and Daga River in Maiwut. This will likely cause flash floods in Longechuk and eastern part of Nasir County.

In terms of rainfall anomalies (Figure2), more than usual rainfall conditions (colored green) is expected over most parts of South Sudan.

Temperature Forecast for 01-08 May 2024

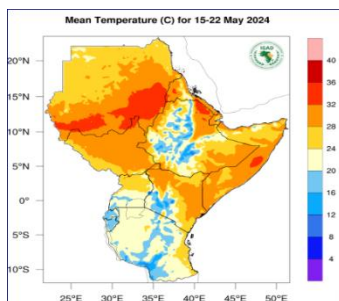


Figure 4– Mean temperature forecast for 15-22 May 24 (Source: ICPAC)

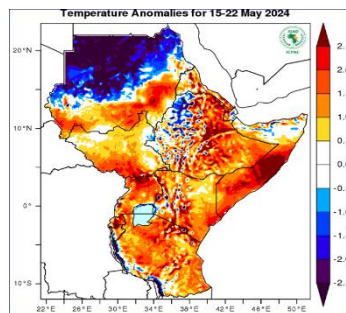


Figure 5 – Temperature Anomalies 15-22 May 24 (Source: ICPAC)

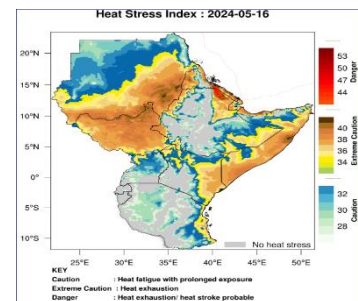


Figure 6– Heat Stress Index: 2024-05-16 15-22 May 24 (Source: ICPAC)

Figure 4 above indicates moderate temperatures (24 - 32 °C-colored orange) expected over most parts of South Sudan. Figure 5 above indicates elevated levels of heat stress are expected in the northern areas of South Sudan specifically, Renk, Fashoda, Maban, Ruweng, Warrap, Northern Bahr-el-Ghazal, and Raga.

According to the temperature anomalies map (Figure 5 above) warmer than usual temperatures (colored orange) are expected in most parts of South Sudan.

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

This weather bulletin is produced by FAO South Sudan's projects' i.e BREFONS, Funded by African Development Bank and ELRP & RALP Funded by World Bank, NORWEGIAN Project Funded by Norwegian Government and Swiss Agency for Development and Cooperation (SDC) Project, funded by Swiss government.

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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