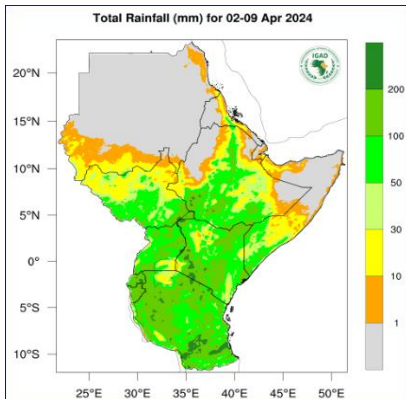
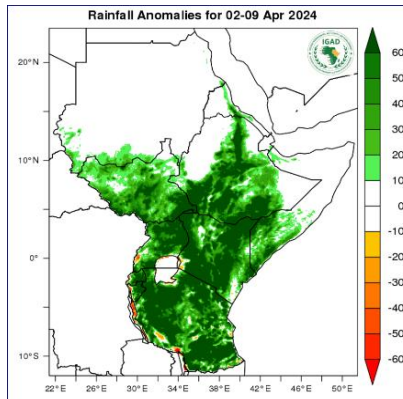


**Rainfall Forecast for 02-09 April 2024**



**Figure 1** – Total rainfall forecast for 02-09 Apr 24 (Source: ICPAC<sup>1</sup>)

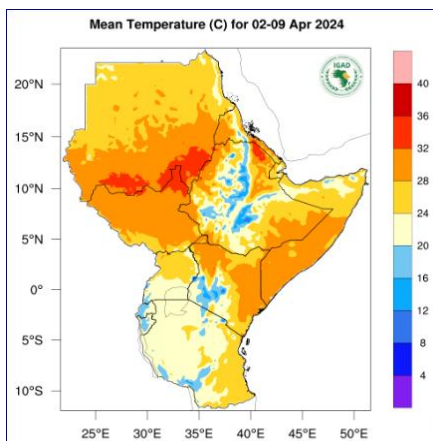


**Figure 2** – Rainfall anomalies forecast for 02-09 Apr 24 (Source: ICPAC)

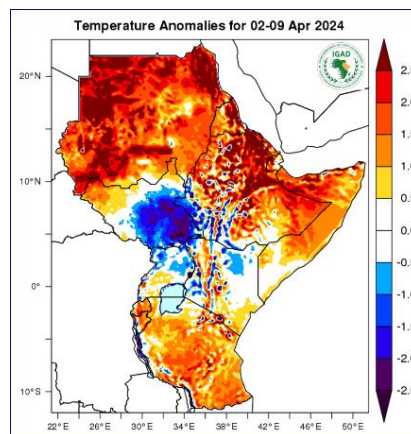
Figure 1 indicates moderate rainfall. 50-200 mm (colored green) is expected over most parts of southern to central parts of the country such as most of greater Equatoria; Lakes, Pibor Administrative Area and western Jonglei, and isolated areas of Unity. While light rainfall (less than 50 mm (colored yellow) is expected in the central and northern parts of South Sudan. Moderate to heavy rainfall is expected in western parts of Kenya and the Lake Victoria area is likely to increase the volume of water in Lake Victoria and the Nile flowing inside South Sudan. This is likely to lead to flash floods in flood-prone riverine areas in South Sudan.

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

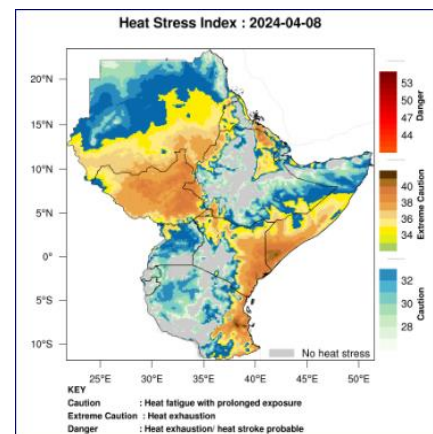
**Temperature Forecast for 02-09 April 2024**



**Figure 3** – Mean temperature forecast for 02-09 Apr 24 (Source: ICPAC)



**Figure 4** – Temperature Anomalies 02-09 Apr 24 (Source: ICPAC)



**Figure 5**– Heat Stress Index: 2024-04-08 02-09 Apr24 (Source: ICPAC)

Figure 3 above indicates high temperatures (above 32 °C-colored red) are expected over isolated areas in center-north and north-eastern South Sudan precisely, in Renk, Maban, Fashoda and Melut in Upper Nile, and northern parts of Warrap, while moderate to high temperatures (20-32 °C-colored orange) are expected over most parts of South Sudan.

Figure 5 above indicates elevated levels of heat stress (colored yellow) are expected in most parts of South Sudan.

According to the temperature anomalies map (Figure 4 above) cooler than usual temperatures (colored blue) are predicted over central to eastern parts of South Sudan while warmer than usual temperatures (colored orange and yellow) are expected in over most parts of South Sudan.

<sup>1</sup> <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](http://www.climis-southsudan.org/agromet/rainfall_data)

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