

Rainfall Forecast for 25 Sept-02 Oct 2024

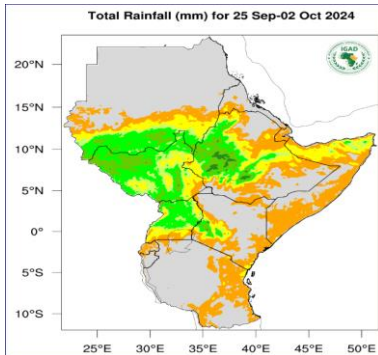


Figure 1: Total rainfall forecast for 25 Sept-02 Oct 2024 (Source: ICPAC).

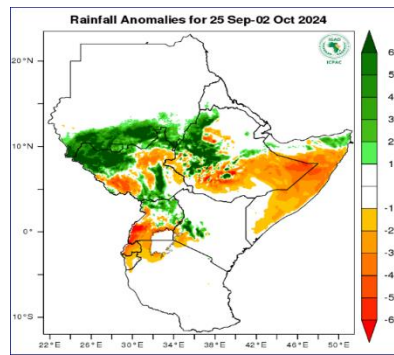


Figure 2: Rainfall anomalies forecast for 25 Sept-02 Oct 2024 (Source: ICPAC).

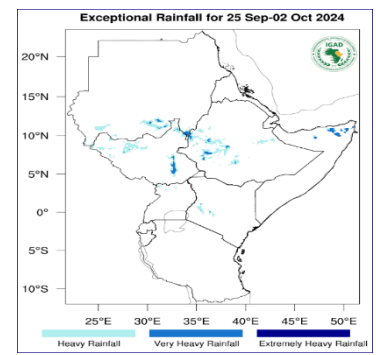


Figure 3: Exceptional rainfall for 25 Sept 02 Oct 2024 (Source: ICPAC).

Figure 1 above indicates that **moderate rainfall** (50-200 mm, colored green) is expected over most parts of South Sudan, while **light rainfall** (less than 50 mm, colored yellow and orange) is expected in the eastern parts of the country, including most of Eastern Equatoria, most of the Pibor Administrative Area, the western and northern parts of Jonglei, the northern parts of Central Equatoria, Nzara, and Nagero in Western Equatoria State. Figure 3 shows **rainfall amounts exceeding the top 10 percent on record** (colored blue) are expected in a few areas in eastern South Sudan, such as central parts of Bor South in Jonglei and Maiwut in Upper Nile.

In terms of rainfall anomalies (Figure 2), **more than usual rainfall** (colored dark green) is expected over parts of northwestern South Sudan, such as Raga and much of Northern Bahr-el-Ghazal, while **less than usual rainfall** (colored orange) is expected over much of South Sudan.

Temperature Forecast for 25 Sept -02 Oct 2024

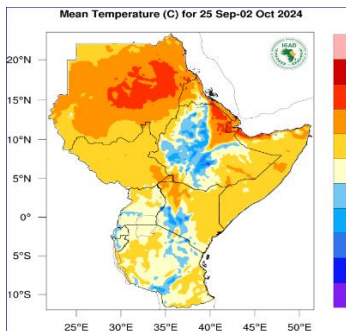


Figure 4: Mean temperature forecast For 25 Sept-02 Oct 2024 (Source: ICPAC).

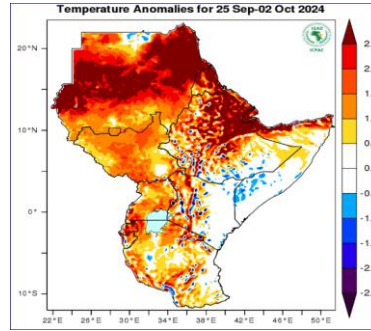


Figure 5: Temperature Anomalies for 25 Sept-02 Oct 2024 (Source: ICPAC).

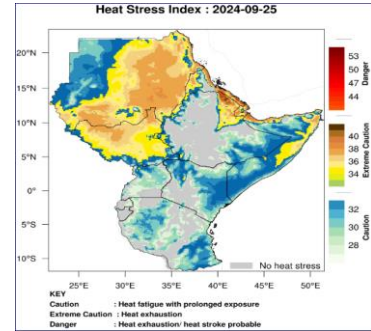


Figure 6: Heat Stress Index: 2024-09-25 25 Sept-02 Oct 2024 (Source: ICPAC).

Figure 4 above indicates **moderate temperatures** of 24 °C – 32 °C (colored yellow and orange) are expected over South Sudan. Figure 6 above indicates **elevated levels of heat stress** are expected in most parts of South Sudan this week.

According to temperature anomalies (Figure 5) **warmer than usual temperatures** (colored deep orange) are expected over most parts of South Sudan this week.

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

This weather bulletin is derived from ICPAC weekly updates and funded by FAO South Sudan's projects, including the Program to Build Resilience for Food and Nutrition Security in the Horn of Africa (funded by the African Development Bank), the Emergency Locust Response Program and Resilient Agricultural Livelihoods Project (funded by the World Bank), with additional funding from the Norwegian and Swiss governments.

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