

Rainfall Forecast for 23-30 October 2024

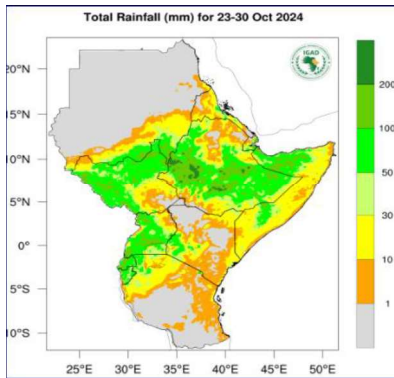


Figure 1 - Total rainfall forecast for 23-30 Oct 2024 (Source: ICPAC)

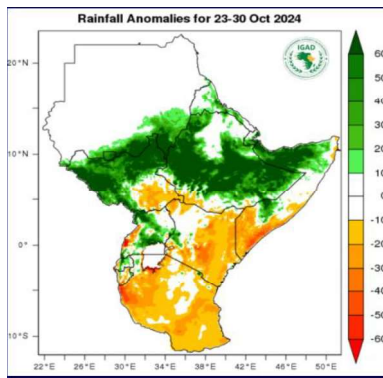


Figure 2 - Rainfall anomalies forecast 23-30 Oct 2024 (Source: ICPAC)

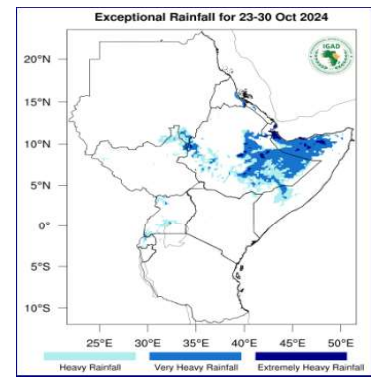


Figure 3 - Exceptional rainfall for 23-30 Oct 2024 Source: ICPAC)

Figure 1 above indicates that **moderate rainfall** (50-200 mm- colored green) is expected over western and northern South Sudan, such as most of western Bahr-el-Ghazal, and Northern Bahr-Ghazal. Western Equatoria, Warrap, Unity, Upper Nile, Morobo, and parts of Yei in south-western Central Equatoria. **Light rainfall** (less than 50 mm- colored yellow and orange) is expected in Eastern Equatoria, most of Central Equatoria, Pibor Administrative Area, Jonglei, and much of Lakes State. Figure 3 shows **no heavy rain** is expected in South Sudan this week. However, heavy rainfall exceeding 10% on record is expected over isolated areas in southern and northern Uganda. This is likely to increase the volume of water flowing into the Nile entering South Sudan and may result in flash floods downstream in river areas of Jonglei and Unity.

In terms of rainfall anomalies (Figure 2), **less than usual rainfall** (colored orange) is expected over southeastern parts of South Sudan.

Temperature Forecast for 23-30 October 2024

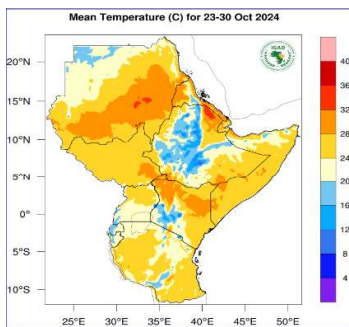


Figure 4 - Mean temperature forecast for 23 -30 Oct 2024 (Source: ICPAC)

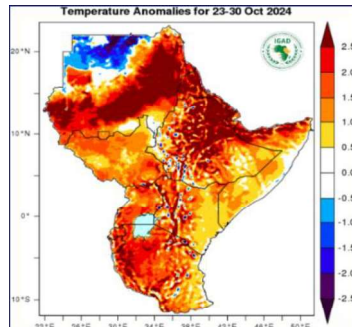


Figure 5 - Temperature Anomalies for 23 -30 Oct 2024 (Source: ICPAC)

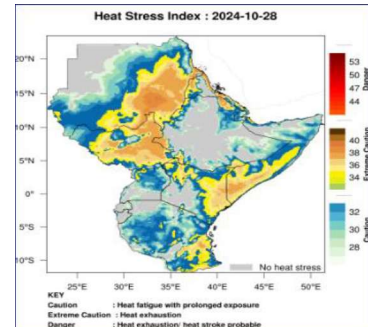


Figure 6- Heat Stress Index:2024-10-28 23 -30 Oct 2024 (Source: ICPAC)

Figure 4 above indicates, **moderate temperatures** of 24 °C – 32 °C (colored yellow and orange) are expected over South Sudan. Figure 6 above indicates that, **heat exhaustion** is likely to be experienced over parts of South Sudan this week.

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

Source: 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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