

Rainfall Forecast for 10-17 Sept 2024

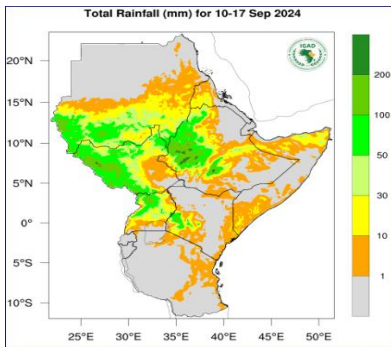


Figure 1 – Total rainfall forecast for 10-17 Sept 2024 (Source: ICPAC).

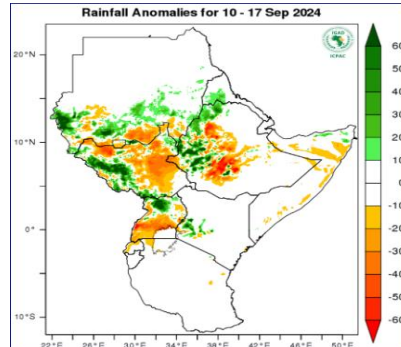


Figure 2 – Rainfall anomalies forecast. 10-17 Sept 2024 (Source: ICPAC).

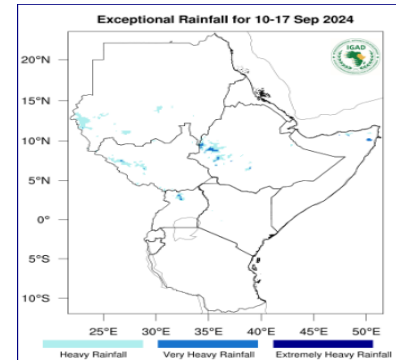


Figure 3 - Exceptional rainfall for 10-17 Sept 2024 (Source: ICPAC).

Figure 1 above indicates **moderate rainfall** (50-200mm, colored green) is expected over the western region and isolated areas in the northern parts of South Sudan, such as Western Equatoria, Western Bahr-el-Ghazal, southern parts of Central Equatoria, most of Warrap and Lakes, Maban, Maiwut, most of Longechuk and Baliet in Upper Nile and isolated areas in Unity. **Light rainfall** (less than 50 mm, colored yellow and orange) is expected in the eastern region of South Sudan, such as in greater Kapoeta in Eastern Equatoria, most of Greater Pibor and Jonglei, Nasir in Upper Nile, as well as isolated parts of Aweil North and Aweil East in Northern Bahr-el-Ghazal. Figure 3 indicates **rainfall amount exceeding the top 10 percent on record** (colored light blue) is expected in isolated areas in western South Sudan. Communities in the areas of risk are advised to exercise caution during this week.

In terms of rainfall anomalies (Figure 2), **more than usual rainfall** (colored green) is expected over south-western South Sudan while **less than usual rainfall** (colored orange) is expected over north-western and eastern South Sudan.

Temperature Forecast for 10-17 Sept 2024

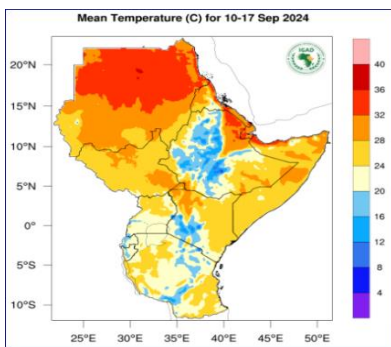


Figure 4 – Mean temperature forecast for 10-17 Sept 2024 (Source: ICPAC).

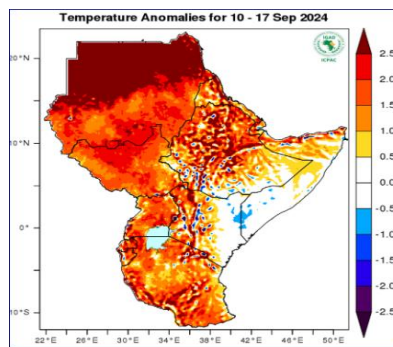


Figure 5 – Temperature Anomalies for 10-17 Sept 2024 (Source: ICPAC).

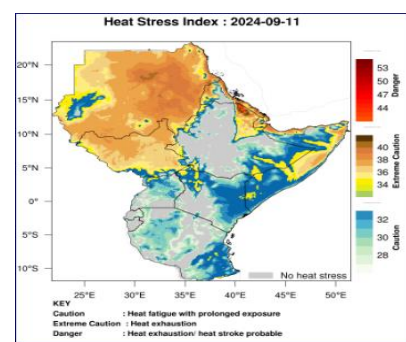


Figure 6– Heat Stress Index: 2024—09-11 10-17 Sept 2024 (Source: ICPAC).

Figure 4 above indicates moderate temperatures of 20°C – 32°C (colored orange) are expected over most parts of 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.

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