



South Sudan Meteorological Services

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 02 to 09 April 2025

- **Dry conditions** are expected over **most parts** of the **country** from **02 to 09 April 2025**.
- **Light rain** over most parts of the **country**.
- **Forecast Mean Temperatures** of more than **28°C** cover Kapoeta East and El Renk.

Expectations for next week 02 to 09 April 2025

- **High heat stress conditions** are expected to persist next week, especially in the North of the country.
- **The majority of South Sudan is expected “Extreme Caution”, while some areas in the North of South Sudan are “Dangerous” or have High heat stress.**
- **North of South Sudan.** Excessive **heat stress** can affect cattle and human health. on 02, 03, 08 and 09 April 2025

Thus, it is recommended that the general population adopt the following safety measures:

- Public awareness campaigns should focus on staying hydrated, limiting outdoor activities during peak heat hours, and wearing light, breathable clothing.
- Encourage efficient water use and pre-position resources in areas forecasted for hotter and drier conditions
- It's good to stay updated on meteorological services advisories, especially in regions expecting hotter and drier conditions
- Monitor weekly forecast updates from meteorological services

Notes

The South Sudan Meteorological Department's Weekly Rainfall and Temperature Outlook and Monitoring offers concise and timely weather predictions essential for immediate planning and operational decisions across vital sectors such as agriculture, transportation, and emergency services. This forecast provides a detailed outlook on temperature variations, rainfall probabilities, and any impending severe weather conditions, enabling stakeholders to mitigate risks, plan agricultural activities more effectively, and ensure the safety of transportation routes. The weekly forecast is critical in improving community readiness and economic stability by accelerating short-term decision-making processes.

Weekly Rainfall and Temperature Outlook and Monitoring

Total Rainfall (mm) for 02-09 Apr 2025

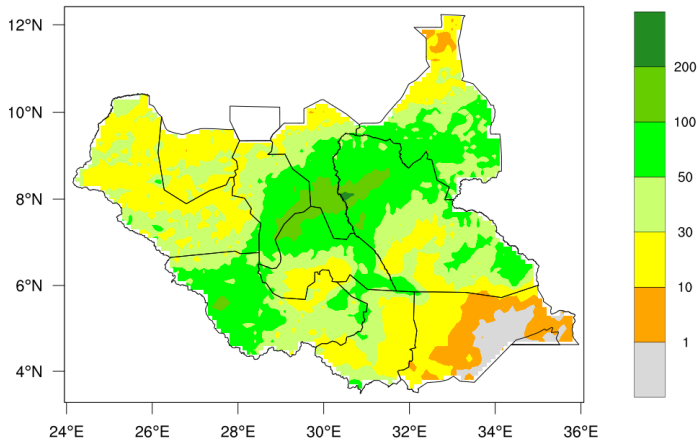


Figure 1a: Outlook for 02 to 09 April 2025 Total Rainfall

Rainfall Forecast for 02 to 09 April 2025

Heavy rainfall of More than 100 mm, exceeding 10% on record, is expected over the South of Western Equatoria State(Ezo), North of Jonglei State(Ayod), South of Unity State(Koch and Leer), North of Lake State and South of Warrap State(Tonj).

Moderate Rainfall (more than 50 mm, exceeding the top 10% on record) is anticipated over most parts of Western Equatoria(Tambura and Yambio), South of Central Equatoria, Bibor Administration Area, Jonglei State, Lake State, South of Upper Nile State(Tonga, Sobat and latjor, South of Unity State and South of Warrap State.

Light Rainfall (less than 50 mm): Anticipated over most parts of South Sudan.

Mean Temperature (C) for 02-09 Apr 2025

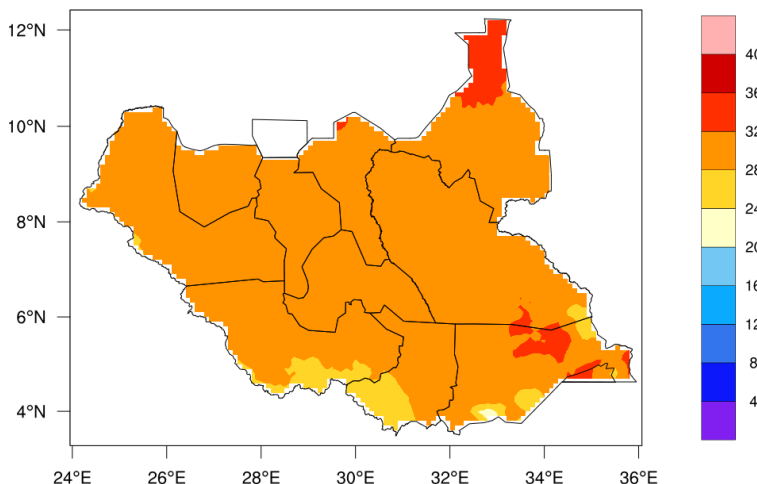


Figure 2: Outlook for 02 to 09 April 2025 Mean Temperature

Mean Temperature Outlook for 02 to 09 April 2025

From next week, April 02, to April 09, 2025, the average Temperature is expected to range between 24 °C and 32 °C over most parts of the country. More than 32 °C over Kapoeta East in Eastern Equatoria, South of Bibor Administration Aera, and El Renk in Upper Nile State.

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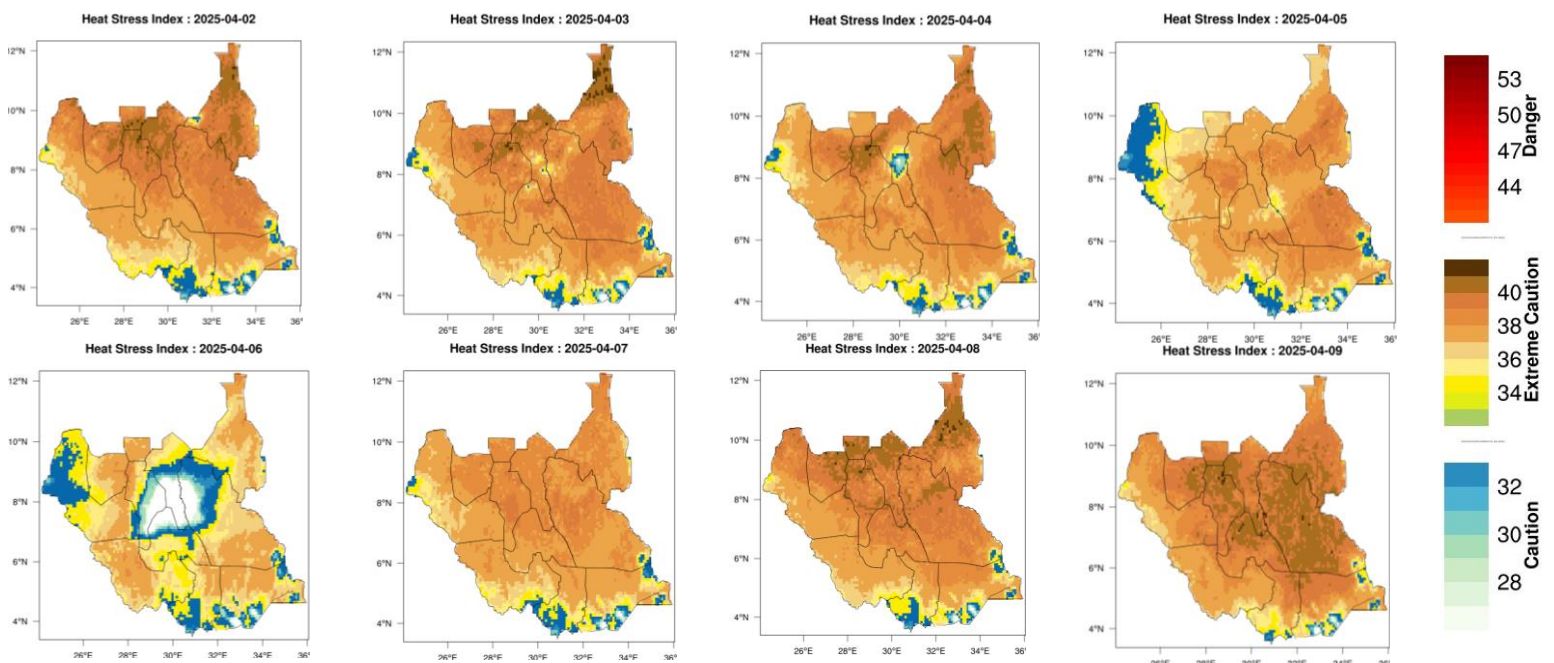
Heat Stress Index for 02 to 09 April 2025

According to the Heat Stress index below, we have three levels of heat wave (Caution, Extreme Caution and Danger)

The Legend is a light blue to blue colour representing Caution it indicates a moderate level of risk, which means there are potential risks ahead that you should be aware of or a warning to proceed with care and stay alert.

The second was Extreme Caution which implies a higher level of risk compared with the first one (Caution), It suggests that the situation is more dangerous or precarious and requires heightened awareness and vigilance.

The last indicated by red colour was Danger it is the most serious level of warning, indicating an imminent threat or hazard that poses a significant risk to safety or life. It signals that immediate action is necessary to avoid injury or harm.





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