



South Sudan Meteorological Services

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 28 March to 04 April 2025

- **Dry conditions** are expected over **most parts** of the **country** from **28 March to 04 April 2025**.
- **Light rain** over most parts of the **country**.
- **Forecast Mean Temperatures** of more than **28°C** cover most parts of the **South Sudan**.

Expectations for next week 28 March to 04 April 2025

- **High heat stress conditions** are expected to **persist** next week, especially in the **North and Eastern** of the **country**.
- **East and North** of South Sudan. Excessive **heat stress** can affect cattle and human health.
- Rainfall in the Southwest of South Sudan may support early agricultural activities.

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.

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Rainfall Forecast for 28 March to 04 April 2025

Heavy rainfall of More than 100 mm, exceeding 10% on record, is expected over few places South of Western Equatoria State.

Moderate Rainfall (over 50 mm, exceeding the top 10% on record) is anticipated over several parts of Western Bahar el Gazal, eastern Lake State, South of Warrap State and South of Unity State most of Western Equatoria, few places South of Central Equatoria, South of Eastern Equatoria, and Southeast Bibor Administration Area.

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

Total Rainfall (mm) for 28 Mar-04 Apr 2025

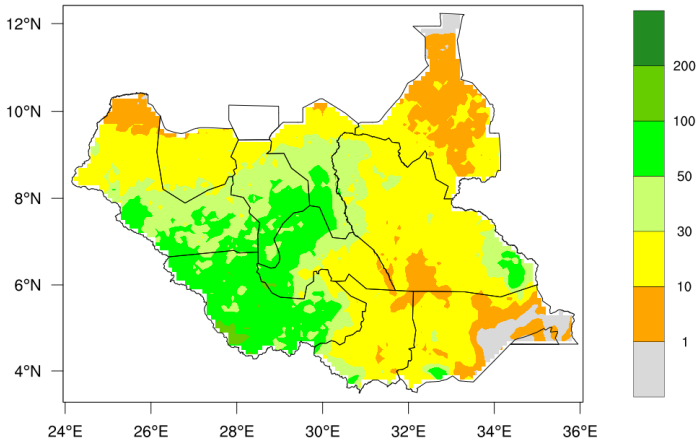
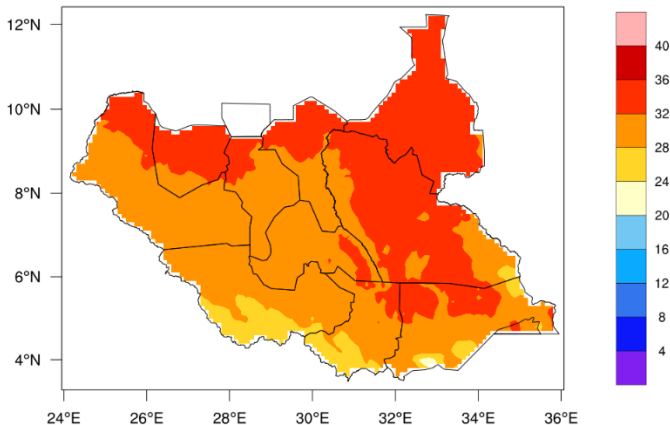


Figure 1a: Outlook for 28 March to 04 April 2025 Total Rainfall

Mean Temperature (C) for 28 Mar-04 Apr 2025



Mean Temperature Outlook for 28 March to 04 April 2025

From next week, March 28 to April 04, 2025, the average Temperature is expected to range between 24 °C and 32 °C colored by orange and yellow over most parts of Western Bahar el Gazal State, most of Western Equatoria State, South of Central Equatoria State, southeastern Eastern Equatoria State, most parts of Lake State, South of Unity State, South of Warrap State and South of Northern Bahar el Gazal State. More than 32 °C over several parts of the country colored by red.

Figure 2: Outlook for 28 March to 04 April 2025 Mean Temperature

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Heat Stress Index for 28 March to 04 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.

