

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 19 to 26 March 2025

- **Dry conditions** are expected over **most parts** of the **country** from **19 to 26 March 2025**.
- **Light rain** over most parts of the **country**.
- **Forecast Mean Temperatures** of more than 28°C cover most parts of the country.

Expectations for next week 19 to 26 March 2025

- **Lower heat stress conditions** are expected to persist next week, especially in the Southwest and Southern of the country (22, 23, 24, 25 and 26 March 2025)
- **East and southeast** of South Sudan. Excessive **heat stress** can affect cattle and human health (19, 20 and 21).
- 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:

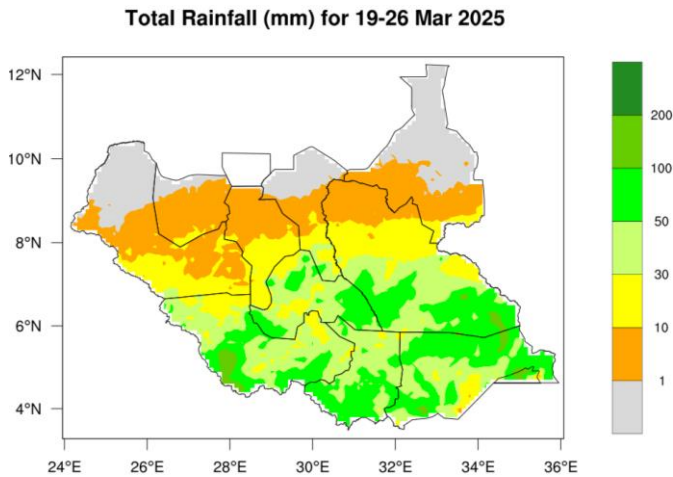
- Public awareness campaigns should focus on staying hydrated, limiting outdoor activities during peak heat hours, and wearing light, breathable clothing.
- Encourage efficient water use and pre-position resources in areas forecasted for hotter and drier conditions
- It's good to stay updated on meteorological 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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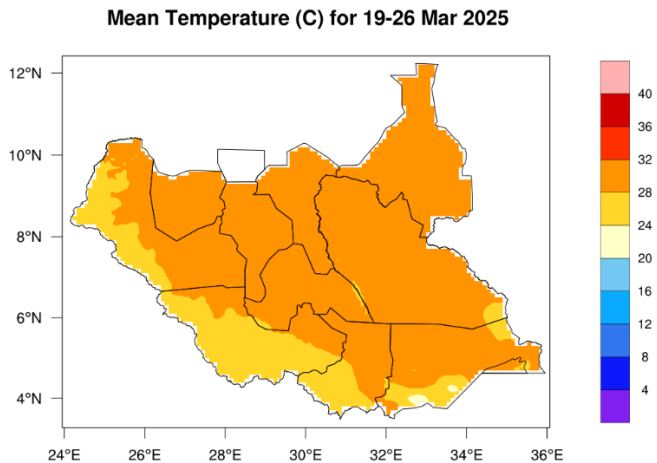
Rainfall Forecast for 18 to 25 March 2025



Moderate Rainfall (over 50 mm, exceeding the top 10% on record): Anticipated over most parts of Western Equatoria, Central Equatoria, Eastern Equatoria, Bibor Administration Area and South of Jonglei State.

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

Figure 1a: Outlook for 19 to 26 March 2025 Total Rainfall



Mean Temperature Outlook for 19 to 26 March 2025

From next week, March 19 to March 26, 2025, the average Temperature is expected to range between 20 °C and 28 °C over most parts of Western Bahar el Gazal State, most of Western Equatoria State, South of Central Equatoria State, South & North Eastern Equatoria State, and South of Bibor Administration Area—more than 28 °C over most parts of the country.

Figure 2: Outlook for 19-26 March 2025 Mean Temperature

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Heat Stress Index for 18 to 25 March 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.

