

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 21st to 28th January 2025

- Dry conditions are expected over most parts of the country from the 21st to the 28th of January 2025.
- Forecast Mean Temperatures of less than 28⁰C cover most of South Sudan except Central Equatoria, Eastern Equatoria State, Bibor Administration Area, Jonglei State, Like State and South and Central of Upper Nile State

Expectations for next week 21st to 28th January 2025

- **high heat stress conditions** are expected to persist next week, especially in eastern, and northeastern regions, requiring proactive measures to mitigate health and environmental impacts. 21, 22, and 23 January 2025)
- The lack of rainfall may exacerbate challenges for pastoralists and farmers, particularly in areas dependent on rainfall for water and fodder.

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 21st to 28th January 2025

Light Rainfall (less than 30 mm): Most South Sudan will experience dry conditions during this period (21 to 28 January 2025), with minimal or no rainfall expected across the country except for light rain over the Western Equatoria. This is typical of the dry season in South Sudan, which is characterized by low rainfall and high temperatures.

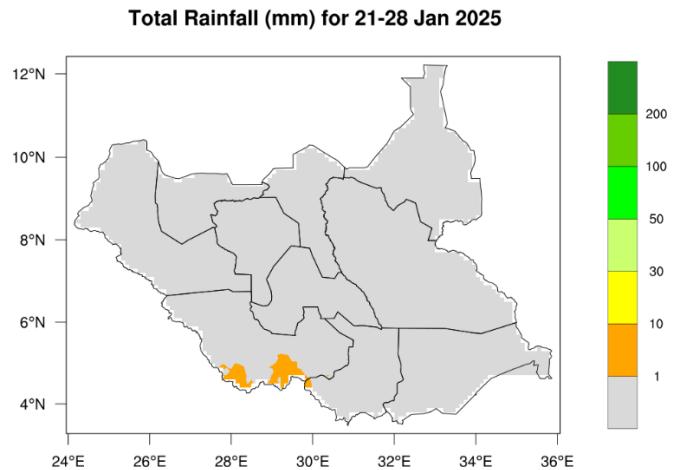


Figure 1a: Outlook for 21 to 28 Jan. 2025 Total Rainfall

Mean Temperature Outlook for 21 to 28 January 2025

From next week, January 21st, to January 28th, 2025, the average Temperature is expected to range between 20 C and 28 C in many parts of South Sudan. More than 28C over Central Equatoria, Eastern Equatoria State, Bibor Administration Area, Jonglei State, Like State and South and Central of Upper Nile State.

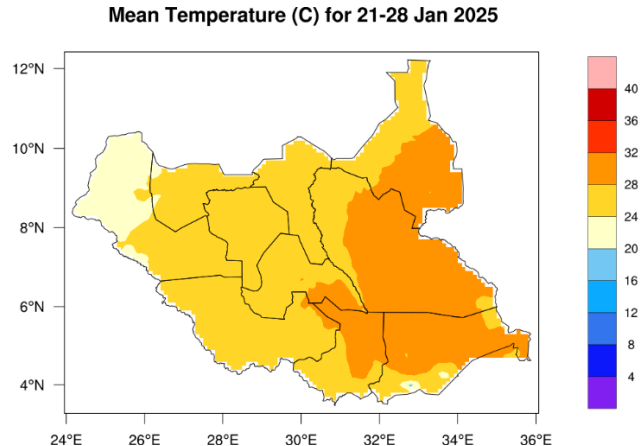


Figure 2: Outlook for 21-28 Jan 2025 Mean Temperature

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Heat Stress Index for 21st to 28th January 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.

