



South Sudan Meteorological Services

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 28 May to 04 June 2025

- Wet conditions are expected over most parts of South Sudan from 28 May to 04 June 2025.
- **Forecast Mean Temperatures** of less than 30°C cover all South Sudan.

Last week's weather review: 19th to 25th May 2025

- Wet conditions of more than 25 mm were most of South Sudan last week, 19th to 25th May 2025

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

- Encourage efficient water use and pre-position resources in areas forecasted for hotter and drier conditions
- Inspect your home. Remove leaves and debris from gutters, and clear your storm drains and drainage areas of any debris before the rain in Southern South Sudan areas.
- 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 28 May-04 Jun 2025

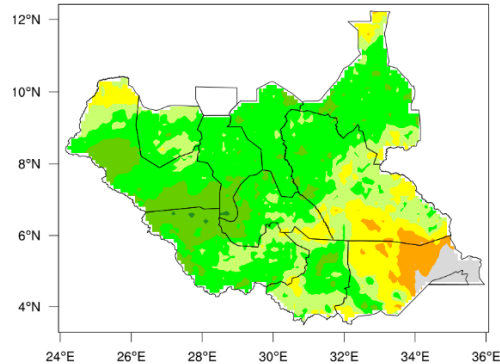


Figure 1a: Outlook for 28 May to 04 June 2025
Total Rainfall

Exceptional Rainfall for 28 May-04 Jun 2025

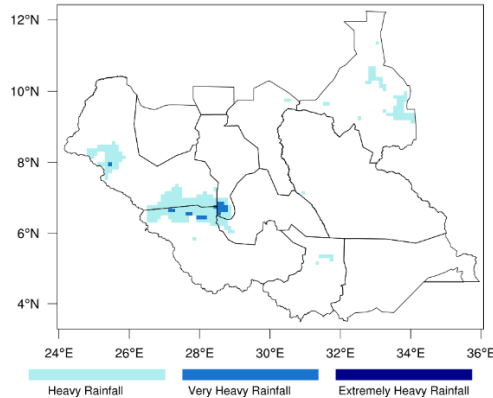


Figure 1b: Exceptional Rainfall for 28/05-04/06 2025

Rainfall Forecast for 28 May to 04 June 2025

Moderate Rainfall (over 50 mm, exceeding the top 10% on record) is anticipated over most States of South Sudan.

Light rainfall (less than 50 mm) is anticipated over Eastern Equatoria State, Bibor Administration Area, Jonglei State's southern parts, the northern Upper Nile State, and Western Bahar el Gazal State's Northern parts.

Mean Temperature (C) for 28 May-04 Jun 2025

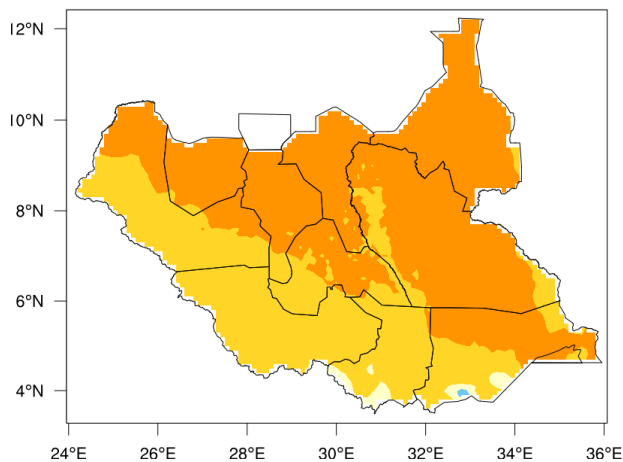


Figure 2: Outlook for 28 May- 04 June 2025 Mean Temperature

Mean Temperature Outlook for 28 May to 04 June 2025

From May 28 to June 04, 2025, the average Temperature is expected to range between 24 °C and 32 °C over most parts of South Sudan.

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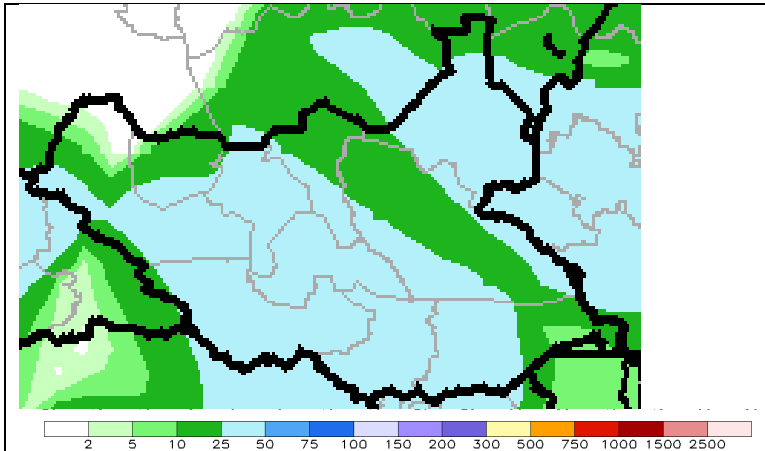


Figure 3a: past week Satellite& Gauge Estimated Rainfall(mm)
Source: NOAA/CPC

Monitoring last week's Satellite & Gauge Estimated Rainfall (mm) for May 19 to May 25 2025

During the past week, most parts of South Sudan have been wet, while Eastern Equatoria State's eastern parts, central of the Bibor Administration Area, Jonglei State, the north parts of Upper Nile State, Unity State, Northern Bahar el Gazal State's Northern parts, and North of Western Bahar el Gazal State have had rainfall of less than 25 mm.

Heat Stress Index for 28 May to 04 June 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.

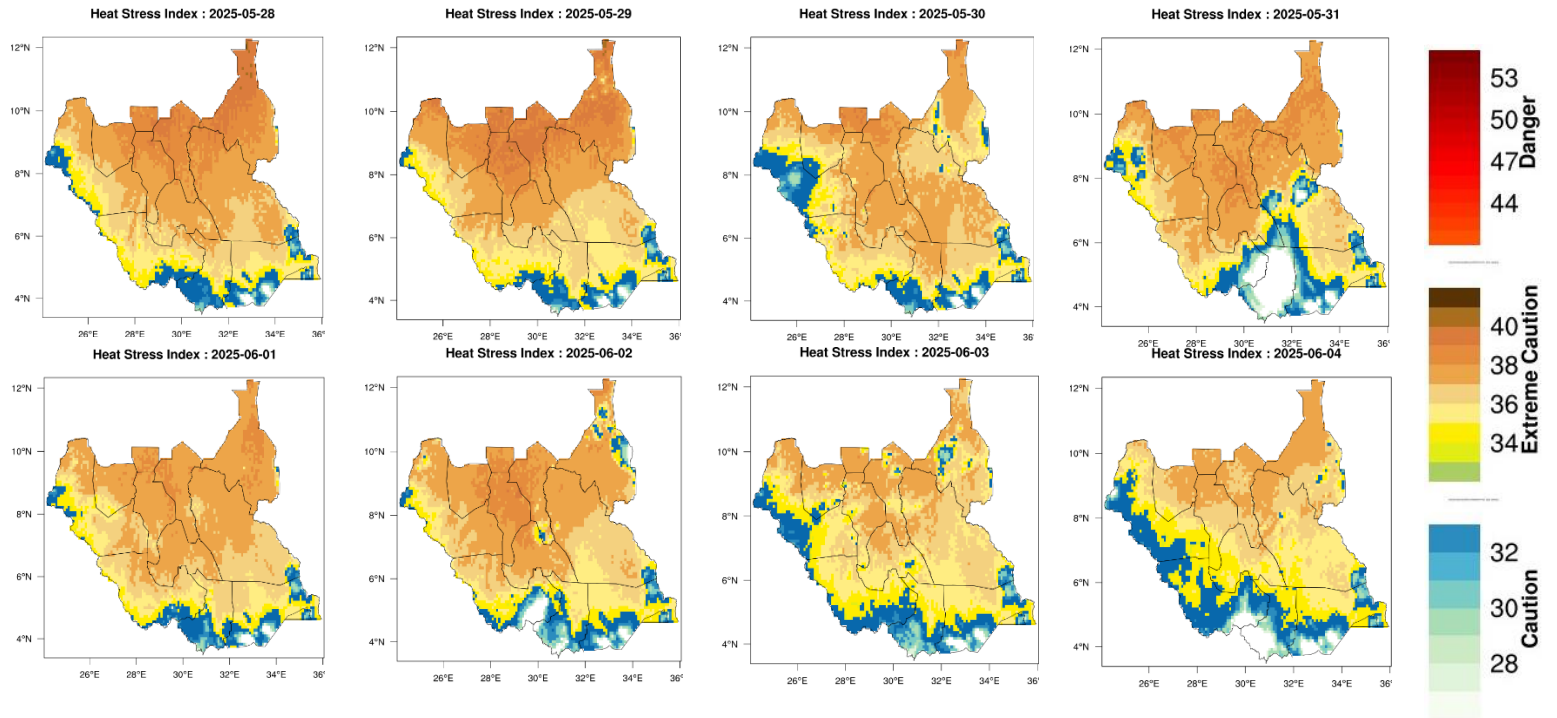
The second was Extreme Caution, which implies a higher level of risk than the first one (Caution). It suggests that the situation is more dangerous or precarious and requires heightened awareness and vigilance.

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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