



South Sudan Meteorological Services

Weekly Rainfall and Temperature Outlook and Monitoring

Highlights

Outlook for 09 to 16 April 2025

- Wetter conditions are expected over most parts of the Southern country from the 09 to 16 April 2025
- **Forecast Mean Temperatures** of more than 28°C cover most parts of South Sudan
- **Most parts of South Sudan. Excessive heat stress** can affect cattle and human health. on 09, 10 and 11 April 2025

Last week's weather review 31st March to 06th April 2025

- Wetter conditions of more than 25 mm were in Western Equatoria, most parts of Central Equatoria, the Bibor Administration Area, Jonglei State, Lakes State, the southeast of Upper Nile State, and certain areas of Western Bahr el Ghazal State.

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
- **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 09-16 Apr 2025

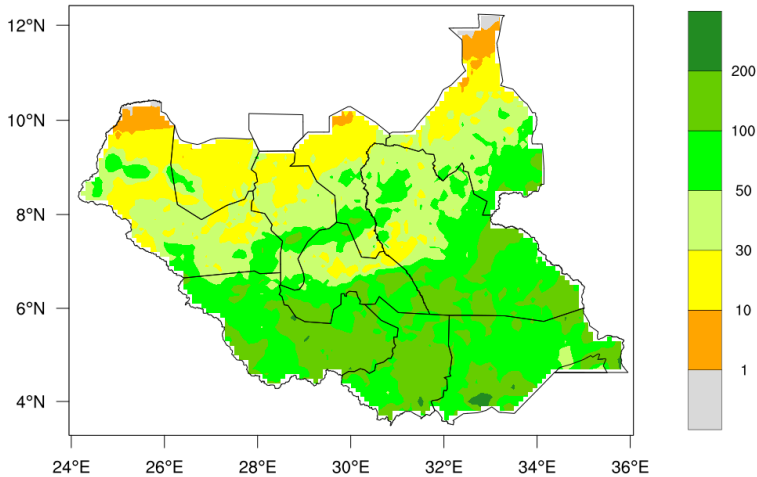


Figure 1a: Outlook for 09 to 16 April 2025 Total Rainfall

Rainfall Forecast for 09 to 16 April 2025

Heavy rainfall of More than 100 mm, exceeding 10% on record, is expected over the South of Western Equatoria State (Ezo, Maridi and Mundri), Most parts of Central Equatoria State, and South parts of Eastern Equatoria State, Most parts of Bibor Administration Area, South of Jonglei State and South of Lakes State.

Moderate Rainfall (over 50 mm, exceeding the top 10% on record) is anticipated over most parts of Western Equatoria, South of Central Equatoria, Eastern Equatoria, Bibor Administration Area, South of Jonglei State, South of Lakes State, South East of Upper Nile State, South of Unity State, South of Warrap State and some parts in Western Bahar el Gazal State.

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

Mean Temperature (C) for 09-16 Apr 2025

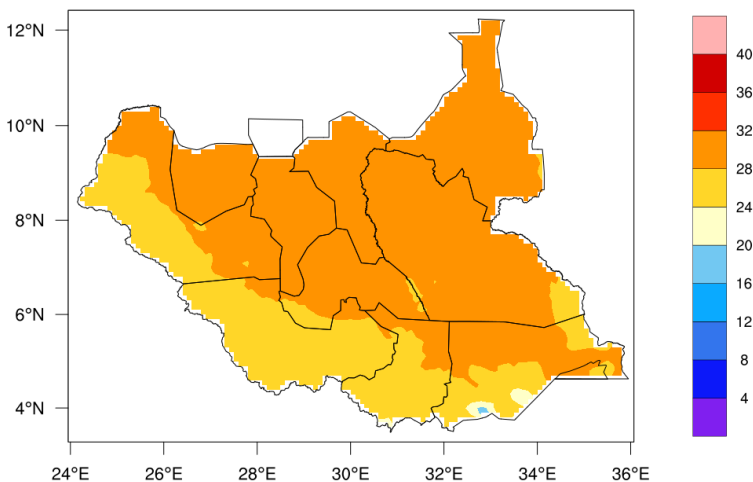


Figure 2: Outlook for 09 to 16 April 2025 Mean Temperature

Mean Temperature Outlook for 09 to 16 April 2025

From next week, April 09, to April 16, 2025, the average Temperature is expected to range between 16 °C and 28 °C over most parts of Western Bahar el Gazal State, Western Equatoria State, most parts of Central Equatoria, South parts of Eastern Equatoria, Kapoeta East in Eastern Equatoria and Estren parts of Bibor Administration Aera. Expected more than 28 °C over most parts of South Sudan.

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Monitoring last week's Satellite & Gauge Estimated Rainfall (mm) for 31st March to 06th April 2025

During the past week, there has been Light rainfall of less than 25mm in the East parts of Central Equatoria, Eastern Equatoria, Southern parts of Bibor Administration Area, Northern parts of Jonglei, Upper Nile State, Unity State, Abyei Administration Area, Warrap State, Northern Bahar el Gazal State, and Western Bahar el Gazal State, while Western Equatoria, most parts of Central Equatoria, Bibor Administration Area, Jonglei State, Lake State, southeast of Upper Nile State, and some parts of Western Bahar el Gazal State have had rainfall of more than 25 mm.

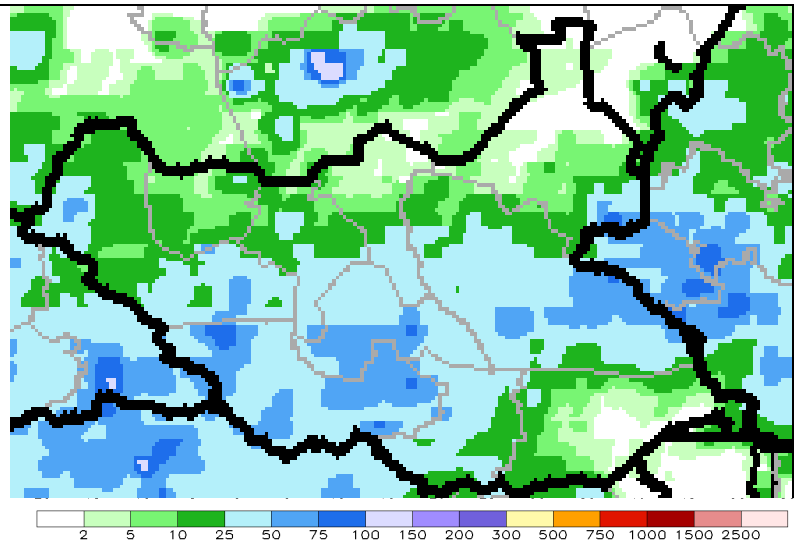


Figure 3a: past week Satellite& Gauge Estimated Rainfall(mm)
Source: NOAA/CPC

Heat Stress Index for 09 to 16 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.

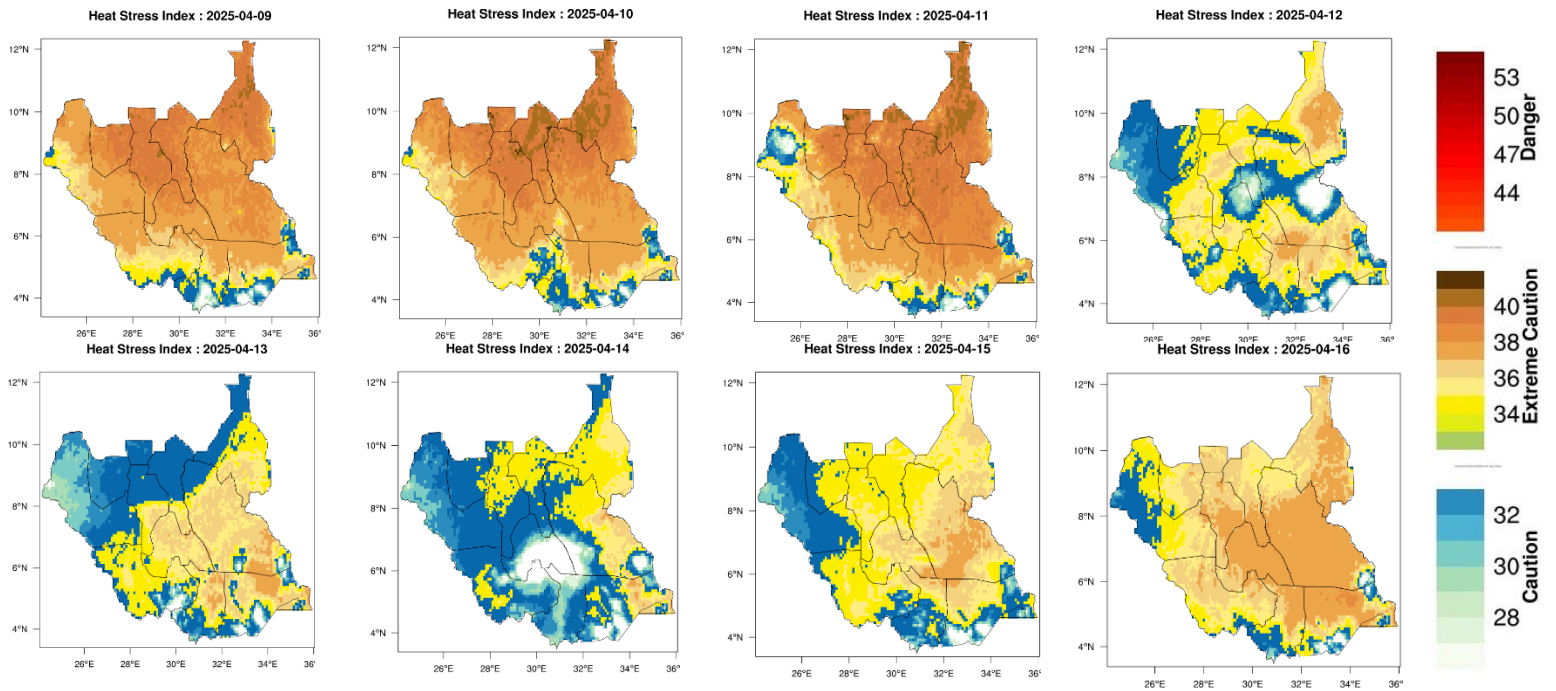
The second was Extreme Caution which implies a higher level of risk compared with the first one (Caution), It suggests that the situation is more dangerous or precarious and requires heightened awareness and vigilance.

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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