SOUTH SUDAN METEOROLOGICAL SERVICE

WEEKLY WEATHER OUTLOOK, MONITORING AND FORECAST

25 NOVEMBER – 02 DECEMBER 2026

HIGHLIGHTS

TOTAL RAINFALL
50–100 mm
Forecast over selected eastern Pibor AA and Yambio and Ezo counties in Western Equatorial.

MEAN TEMPERATURE
>28°C
Average temperatures expected across most parts of South Sudan.

WIND
Stronger winds of up to 7 m/s are expected over Eastern Equatoria.

HEAT STRESS
EXTREME CAUTION
Expected over most parts of South Sudan.

1. RECENT RAINFALL AND TEMPERATURE OBSERVATIONS

Monitoring from 14 to 21 November 2026 indicates that most parts of South Sudan experienced generally wet conditions. Rainfall exceeding 50 mm was recorded in several counties in Western Equatorial and some parts of South Sudan.

Over the past week, rainfall indicated the highest accumulations:

Moderate rainfall of about 50–100 mm over the eastern parts of Pibor Administrative Area; most parts of Kapoeta East; some parts of Kapoeta South and Ikotos counties in Eastern Equatorial State; Kejo-Keji, Lainya, and Yei counties in Central Equatorial State; most counties in Western Equatorial State; most parts of Wau in Western Bahr el Gazal State; most counties in Lake State; and some parts of the southern counties in Jonglei State.

Light rainfall of less than 30 mm was concentrated over most other parts of the country.

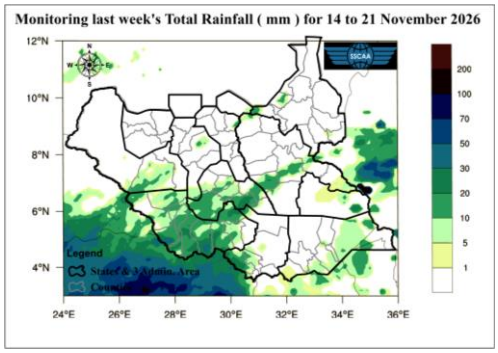


Figure1. Satellite& gauge-estimated rainfall

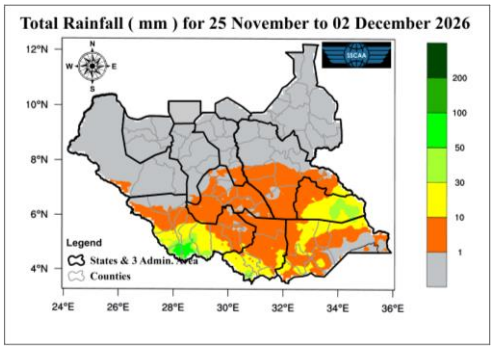


Figure 2a. Total rainfall forecast (mm)

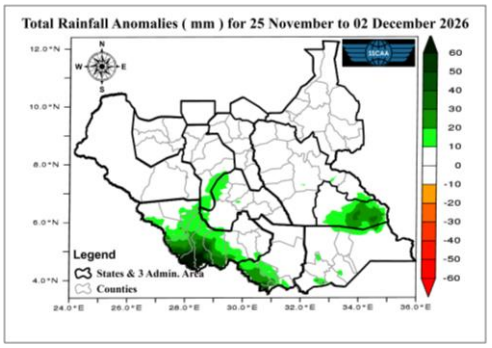


Figure 2b. Rainfall anomalies forecast (mm)

2. RAINFALL FORECAST | 25 NOVEMBER to 02 DECEMBER 2026

Moderate rainfall of about 50–100 mm is forecast across the southeastern parts of the Pibor Administrative Area, including southern Nimule in the Eastern Equatorial State and southern Yambio and Ezo counties in the Western Equatorial State.

Light rainfall of less than 30 mm is expected over most other parts of South Sudan.

In terms of rainfall anomalies, drier-than-usual conditions are expected over most of South Sudan.

Forecast element	Expected condition	Main areas
Moderate Rainfall amount	50 – 100 mm	Pibor A A, Nimule, Yambio and Ezo.
Light rainfall amount	Less than 30 mm	Other parts of South Sudan
Rainfall anomaly	Dry conditions	Most parts of South Sudan

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3. MEAN TEMPERATURE FORECAST |25 NOVEMBER to 02 DECEMBER 2026

Average temperatures exceeding 28°C are forecast over most of South Sudan from 25 November to 02 December 2026.

Average temperatures less than 28°C are expected over southeastern parts of Pibor Administrative Area; northeastern parts of Kapoeta East; and southern parts of Lafon, Budi, southern parts of Torit, Magwi counties in Eastern Equatorial State; southwestern parts of Juba, Kajo-Keji, Lainya, Yei and Morobo counties in Central Equatoria State; most counties in Western Equatoria State; most of Raja counties in Western Bahr el Ghazal State; most counties in western Northern Bahr el Ghazal State; and northern parts of El Renk in Upper Nile State.

Temperature anomaly forecasts indicate warmer-than-usual temperatures across most parts of South Sudan during the forecast period.

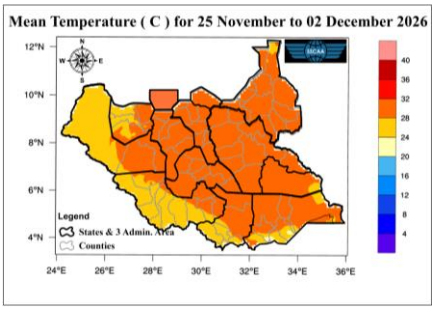


Figure 3a. Mean temperature forecast (°C).

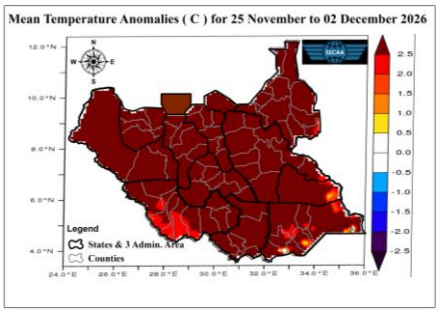


Figure 3b. Temperature anomalies forecast (°C).

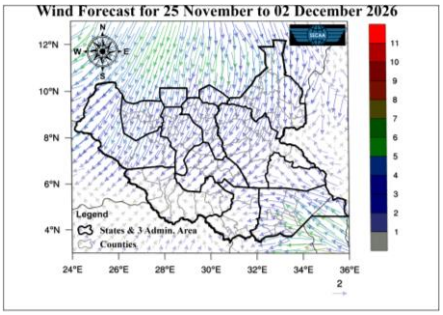


Figure 4. Wind direction and speed forecast.

4. WIND DIRECTION AND SPEED FORECAST |25 NOVEMBER to 02 DECEMBER 2026

Light to moderate winds, ranging from 2 to 5 m/s, are expected across most parts of South Sudan. In the southern parts of the country, winds are expected to be predominantly southwesterly and southeasterly, while northwesterly and northeasterly winds are forecast over the northern parts. Stronger winds, reaching up to 7 m/s, are forecast over most parts of Eastern Equatoria State

5. HEAT STRESS INDEX FORECAST |25 NOVEMBER to 02 DECEMBER 2026

The Heat Stress Index categories used in this bulletin are Caution, Extreme Caution and Danger.

Alerts: The Heat Stress Index forecast indicates **Extreme Caution** conditions on selected days and across several locations in South Sudan.

Alert dates: 25 November to 02 December 2026

Affected areas: Most parts of South Sudan. Particularly in the central, northern and eastern parts of the country.
Lower heat-stress conditions are more likely in parts of southern and western South Sudan.

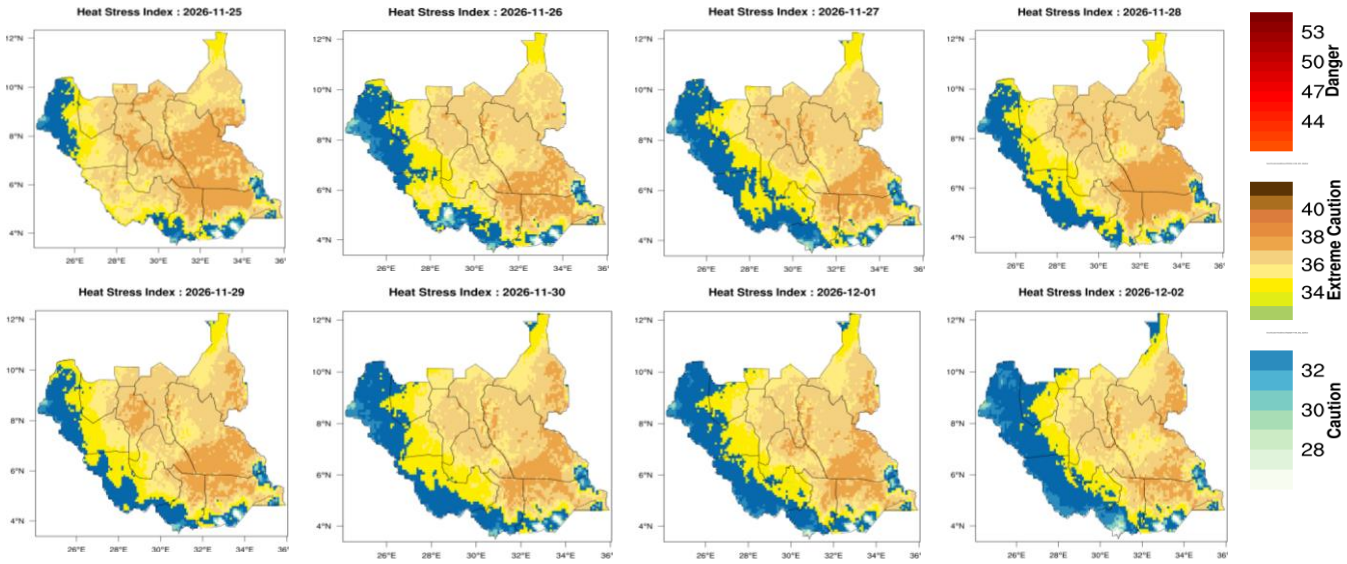


Figure 5. Heat Stress Index forecast

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HEAT-STRESS ALERT — EXTREME CAUTION

Reduced exposure is advised, particularly during the hottest part of the day. Vulnerable groups should be closely monitored.

6. HEAT-STRESS SAFETY ADVISORY

- Reduce prolonged exposure to high temperatures and use protective measures, such as shade, cooling facilities and adequate ventilation, where available.
- Closely monitor vulnerable groups, including children, older persons, people with physical disabilities and expectant mothers.
- During the hottest part of the day, remain indoors or in shaded areas where possible and drink water frequently to maintain hydration.
- Continue to monitor official meteorological advisories, particularly in areas experiencing hotter and drier conditions.
- Follow weekly updates from the South Sudan Meteorological Service for changes in heat-stress conditions.

7. SECTORAL PREPAREDNESS MESSAGE

- **Agriculture and Livestock:** Use the rainfall outlook to guide agricultural activities, livestock movement, pasture monitoring, and water-resource management. Farmers and pastoralists should take appropriate measures to minimise potential rainfall-related impacts.

- **Transport and Infrastructure:** Monitor the impacts of rainfall on roads, bridges, and other infrastructure, particularly in flood-prone and low-lying areas. Take precautionary measures to minimise transport disruptions.

- **Health:** Strengthen public health awareness, promote access to safe drinking water and proper sanitation, and monitor potential rainfall-related health risks, including waterborne diseases.

- **Disaster Risk Management and Emergency Services**: Strengthen early-warning dissemination, continuously monitor updated weather forecasts, and enhance preparedness and response capacity for potential localised flooding and other rainfall-related hazards.

Notes

The South Sudan Meteorological Service's Weekly Rainfall and Temperature Outlook and Monitoring provide concise, 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 impending severe weather, enabling stakeholders to mitigate risks, plan agricultural activities more effectively, and ensure the safety of transportation routes. The weekly forecast is critical to improving community readiness and economic stability by accelerating short-term decision-making.

CONTACT INFORMATION

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