



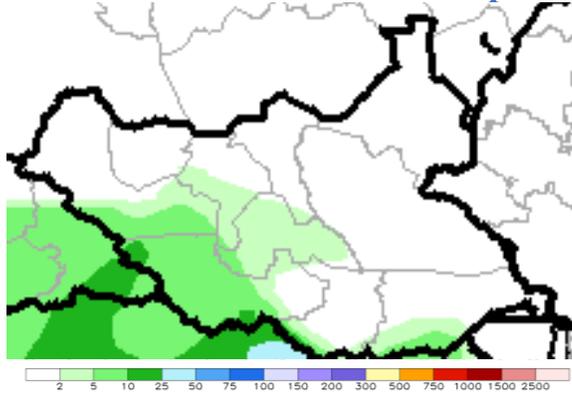
South Sudan Meteorological Services

Weekly Rainfall and Temperature Outlook Monitoring and Forecast

Highlights

Last week's weather review: 09-15 Feb. 2026 <ul style="list-style-type: none"> During the past week, most parts of South Sudan were in dry conditions, While Southwestern and Southern of South Sudan received light rainfall of about 5 - 10 mm. The maximum Temperature was recorded in Narus and Aweil at 39.5⁰ C as of 12th & 13th February 2026 	Forecast for 18 to 25 February 2026 <ul style="list-style-type: none"> Light rainfall (less than 10 mm) is expected over Western Bahar el Gazal, Western Equatoria, South part of Central & Eastern Equatoria, Lake State and Southern of Warrap State. The average temperatures are expected to be warmer, ranging between 24 and 36°C in most parts of South Sudan
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Recent Rainfall and Temperature Observations



Monitoring last week's Satellite & Gauge Estimated Rainfall (mm) for 09-15 Feb. 2026

During the past week, most parts of South Sudan did not experience rainfall conditions. In contrast, South of western Bahar el Gazal State, most part of Western Equatoria State, Southern of Central Equatoria, Southern of Eastern Equatoria, Lake State and Southern of Warrap State received light rainfall of about 5 - 10 mm.

Figure 1: Past week Satellite & Gauge Estimated Rainfall(mm) Source: NOAA/CPC

In recent days, temperature records at Narus and Aweil gokmachar indicate a warming trend, with maximums of 39.5 °C as of 12th and 13th February 2026.

Station	Date						
	9-Feb-2026	10-Feb-2026	11-Feb-2026	12-Feb-2026	13-Feb-2026	14-Feb-2026	15-Feb-2026
Juba	36	32	37.5	37.5	37.5	36	35.5
Bor	36	36	38	37.5	36	35	37
Torit	34	31	38	38	37	36	36
Narus	37.5	39	38	39.5	38.5	38	38
Yei	35.5	35	37.5	37	37.5	35.5	35.5
Yambio	33.5	30	35.5	34	34.5	33.5	33.5
Pibor	32.5	31.5	37.5	34.5	38.5	37.5	37.5
Rumbek	33.5	32.5	35	36	33	33.5	34.5
Wau	37	34	37	36.5	37	36.5	36.5
Aweil	37.5	37.5	38	39	39.5	38.5	36.5

Table 1 Recent maximum temperature records for South Sudan

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Rainfall Forecast for 18-25 Feb 2026

The forecast for this week (18-25 Feb 2026) indicates light rainfall in the western Equatoria State, Central Equatoria State, eastern parts of Eastern Equatoria State, Pibor Administration Area, the southern parts of Jonglei State, and Lake State. In terms of rainfall anomalies, the usual dry-season conditions are expected across South Sudan. In contrast, the Southwestern and South of the South Sudan appear to have the highest positive anomalies (darker green), suggesting significantly wetter-than-normal conditions.

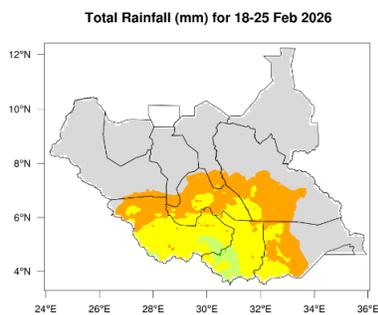


Figure 2a: Total rainfall (mm) forecast for 18-25 Feb 2026

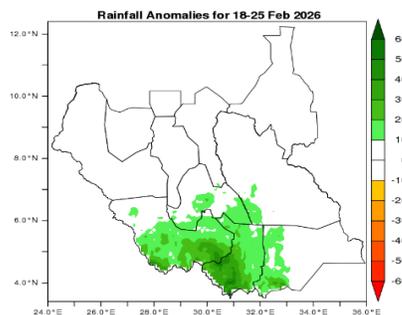


Figure 2b: Rainfall Anomalies (mm) forecast for 18-25 Feb 2026

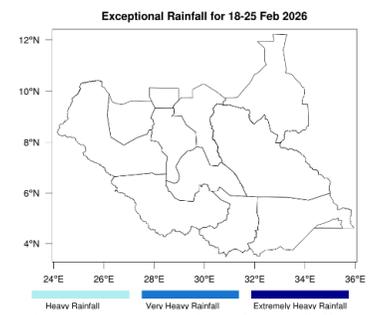


Figure 2c: Exceptional Rainfall forecast for 18-25 Feb 2026

Mean Temperature and Heat Stress Forecast for 18-25 Feb 2026

The forecast for this week (18-25 Feb 2026) indicates that average temperatures are above 28 °C, with actual daily maximums above 32 °C on all days, especially in the southeastern (eastern Pibor Administration Area) and northeastern (eastern Upper Nile State). According to Figure 3b for Temperature Anomalies, warmer-than-usual temperatures are expected over South Sudan this week. Based on the heat index on figure 3c, forecasts indicate that most parts of the country are within the “extreme caution” category, whereby prolonged exposure could result in heat exhaustion or, at worst, heat stroke. Peak heat stress is expected on days around 13th February, with a subsequent peak around 24th February (though this is less certain).

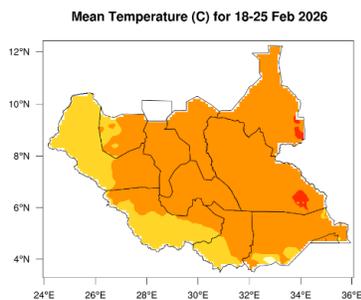


Figure 3a: Mean Temperature (°C) forecast for 18-25 Feb 2026

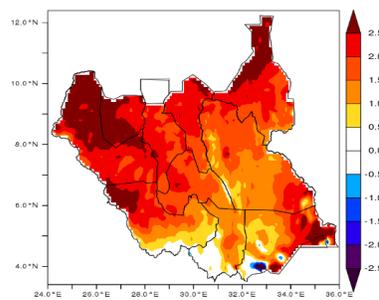


Figure 3b: Temperature Anomalies forecast for 18-25 Feb 2026

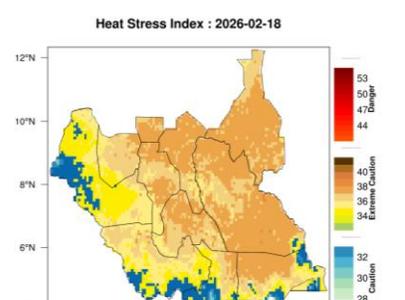


Figure 3c: Heat Stress Index forecast for 18-25 Feb 2026

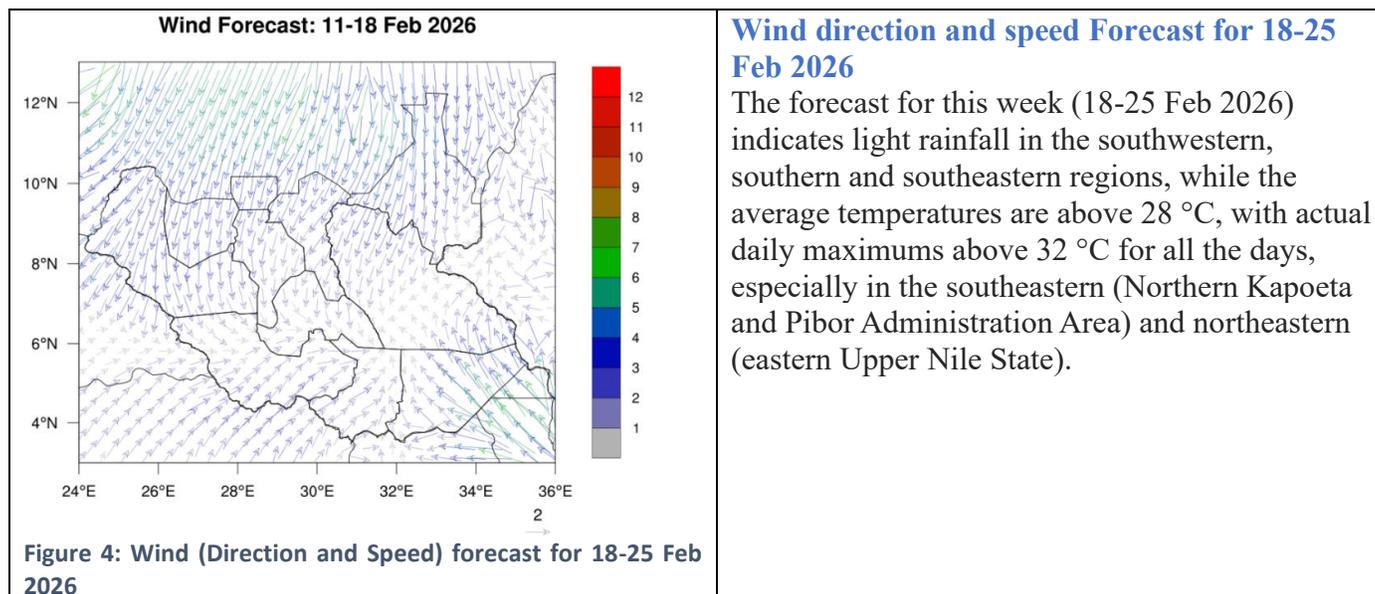
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Wind Forecast for 18-25 Feb 2026



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

- Reduced exposure is necessary, together with protective measures such as cooling systems and close monitoring of vulnerable groups such as children, the elderly, the physically challenged and expectant mothers.
- The average temperature is expected to be warmer; as such, you are advised to stay indoors or under trees during the daytime maximums and drink water frequently.
- Stay updated on meteorological services advisories, especially in regions expecting hotter and drier conditions.
- Monitor weekly forecast updates from meteorological services.

Maximum Temperature Forecast for 18-26 Feb 2026

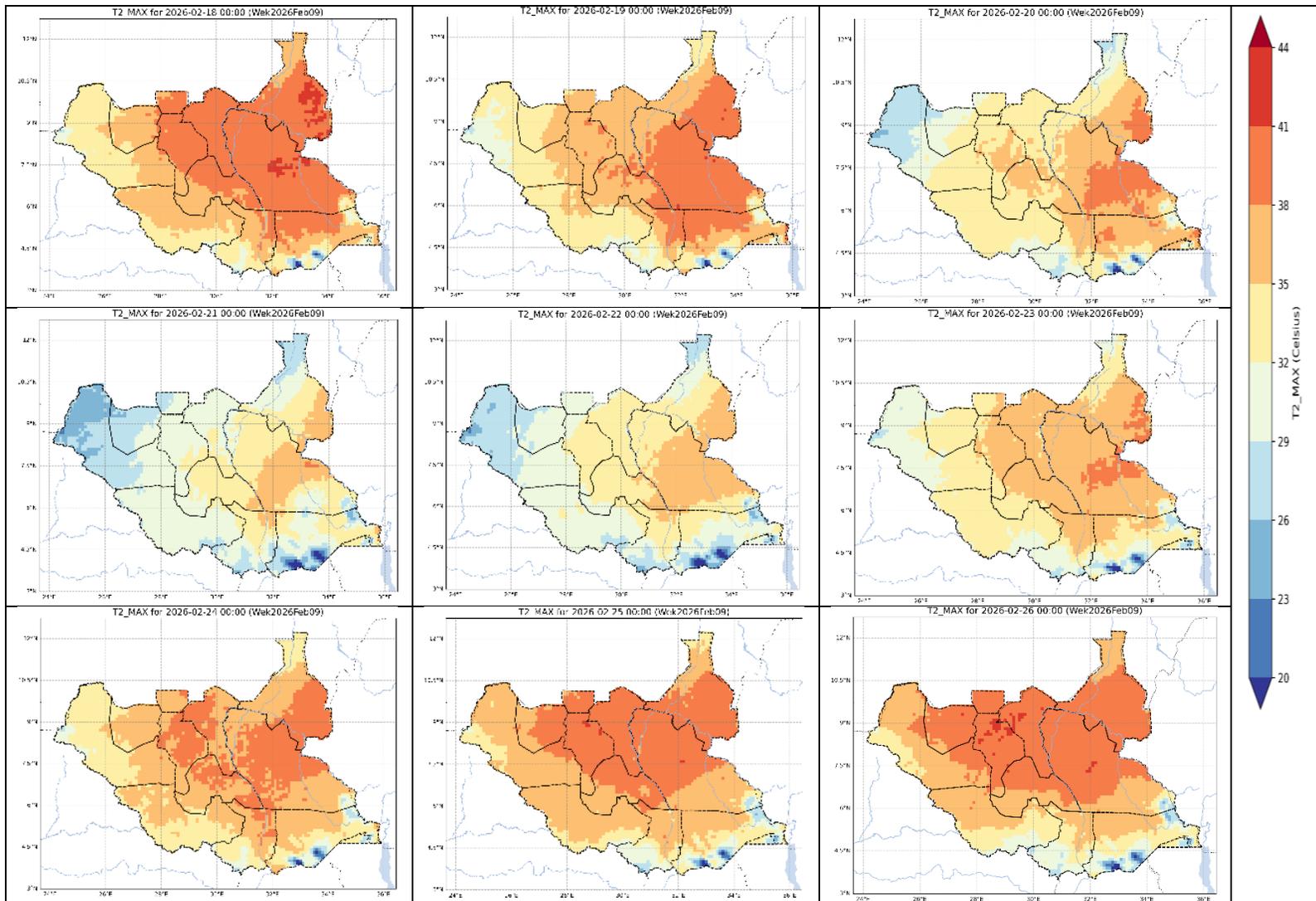
The forecast for this week (18-26 Feb 2026) indicates that maximum temperatures will be highest in central and northeastern South Sudan, with temperatures exceeding 38⁰C. The hottest conditions are expected on 18, 19, 20, 24, 25 and 26 February 2026. While the Southern and western parts of South Sudan are expected to experience the lowest maximum temperature, 23 ⁰C to 29 ⁰C. on 20, 21, 22 and 23 February 2026.

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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 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 to improving community readiness and economic stability by accelerating short-term decision-making.

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