

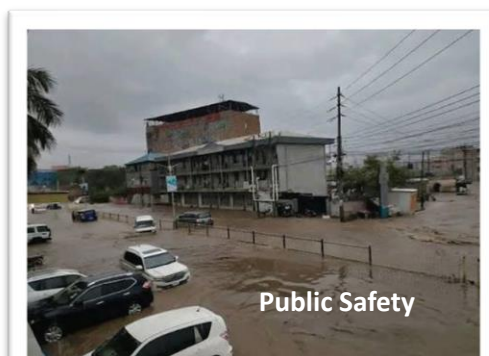
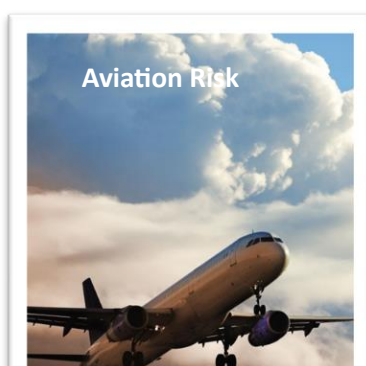


SOUTH SUDAN METEOROLOGICAL SERVICE

MONTHLY FORECAST FOR OCTOBER CLIMATE OUTLOOK 2026

Issue Data: 26/09/2026

Climate risks and Sectoral impacts



Prepared by South Sudan Meteorological Service (SSMS)

For decision Support in agriculture, aviation, water resources, Health, disaster reduction and public safety

1.0 HIGHLIGHTS

- The October 2026 rainfall is expected to be spatially variable across South Sudan. Wetter-than-usual conditions are more likely over southern and south-eastern South Sudan, while drier-than-usual conditions are favored across much of the northern and north-eastern parts of the country. Some central areas have a higher likelihood of near-normal rainfall.
- The Temperature forecast for South Sudan indicates that warmer-than-normal temperatures are expected across most parts of the country during October 2026.

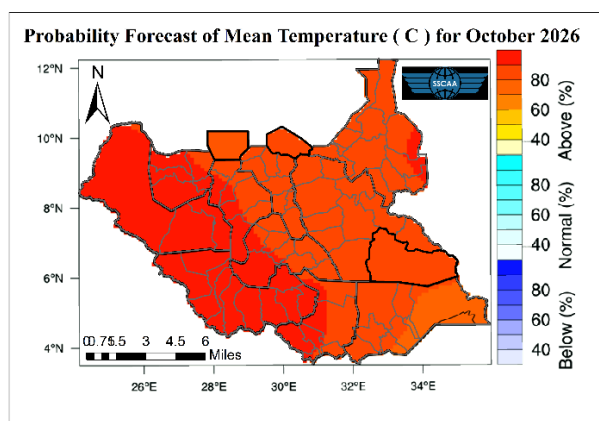
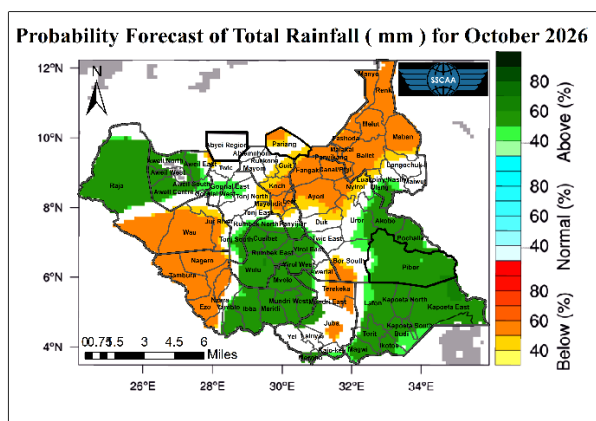
2.1 TOTAL RAINFAL FORECAST FOR OCTOBER 2026

The October 2026 rainfall forecast indicates an increased likelihood of Above-normal rainfall over Ulang in Upper Nile state; Akobo and Pachalla counties in Jonglei state; Pibor Administrative Area, most counties in Eastern Equatoria state; most counties in eastern parts of Western Equatoria State; most part of Raja County in Western Bahr el Gazal State; and most counties in Northern Bahr el Gazal State

Meanwhile below-normal rainfall across other parts of South Sudan. Areas shaded in orange indicate a 60–80% probability of below-normal rainfall.

2.2 MEAN TEMPERATURE FORECAST FOR OCTOBER 2026

The October 2026 mean temperature outlook indicates an increased likelihood of above-normal temperatures across most parts of South Sudan. Most areas are shaded in Red, representing greater than 80% probability of above-normal temperatures.



3.0 POTENTIAL IMPACTS

The expected variation in rainfall and temperature conditions during October 2026 may have impacts on agriculture and livestock, water resources, health, transport, infrastructure and disaster risk management. Wetter-than-usual conditions in some areas may increase the risk of localized flooding, waterlogging and disruption to roads and infrastructure, while drier conditions in other areas may contribute to reduced water availability and moisture stress. The distribution of rainfall will also influence agricultural activities, pasture conditions and water resources across the country

🔗 For the detailed-on Weather and Climate Outlook, please visit: <https://meteosouthsudan.com.ss/>

SSMS remains committed to providing timely and reliable weather & climate information to support preparedness, planning, and risk reduction across South Sudan.