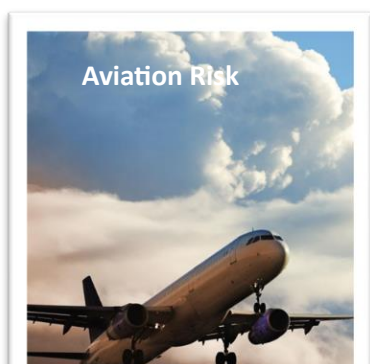
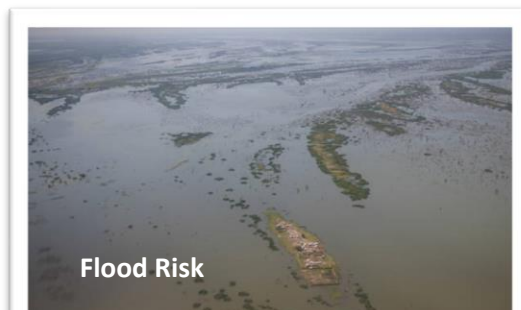


MONTHLY FORECAST FOR AUGUST 2026 AND CLIMATE OUTLOOK FOR THE NEXT THREE MONTHS AUGUST-SEPTEMBER-OCTOBER (ASO) 2026

Issue Data: 28/07/2026

Climate risks and Sectoral impacts



Prepared by South Sudan Meteorological Service (SSMS) in Collaboration with ICPAC

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

1.0 SUMMARY

- The August 2026 rainfall forecast indicates an increased likelihood of below-normal rainfall across most parts of South Sudan.
- The Temperature forecast for South Sudan indicates that warmer-than-normal temperatures are expected across most parts of the country during August 2026.
- Wetter-than-normal conditions expected over the Bahr el Ghazal region few places in Upper Nile State during the August–September–October (ASO) 2026 season.
- The Temperature forecast indicates that warmer-than-normal temperatures are expected across most parts of the country during August to October 2026.

2.1 Rainfall Forecast for August 2026

The August 2026 rainfall forecast indicates an increased likelihood of below-normal rainfall across most parts of South Sudan. Areas shaded in orange indicate a 60–80% probability of below-normal rainfall. These areas include Kapoeta East County in Eastern Equatoria State, the southeastern parts of the Pibor Administrative Area, Anzara County, the southern parts of Yambio County, Ibba County, and Maridi County in Western Equatoria State, as well as the western parts of Raja County in Western Bahr el Ghazal State.

Areas shaded in yellow indicate a 40–60% probability of below-normal rainfall. These include Juba County in Central Equatoria State, Nyirol County in Jonglei State, most parts of Upper Nile State, the Ruweng Administrative Area, Rubkona and Guit counties in Unity State, most parts of Warrap State, Jur River and Wau counties in Western Bahr el Ghazal State, and the southern parts of Aweil Centre County in Northern Bahr el Ghazal State.

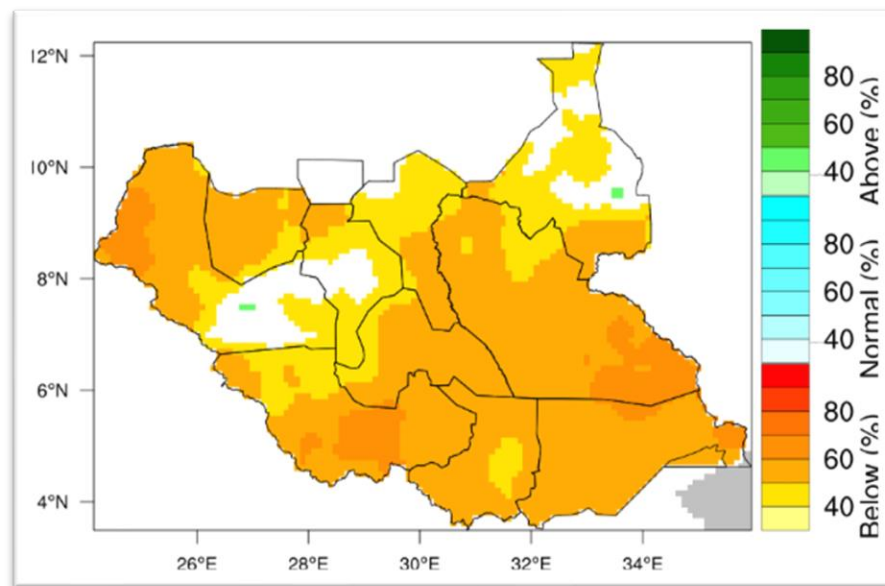


Figure 1a: Total rainfall(mm) forecast for August 2026

2.2 Mean Temperature Forecast for August 2026

The August 2026 mean temperature outlook indicates an increased likelihood of above-normal temperatures across most parts of South Sudan. Most areas are shaded in orange, representing a 60–80% probability of above-normal temperatures. These include most parts of Western Equatoria, Central Equatoria, Lakes, Warrap, Northern Bahr el Ghazal, Western Bahr el Ghazal, Unity, Jonglei, and Upper Nile states.

Areas shaded in dark orange indicate a higher probability (greater than 80%) of above-normal temperatures. These areas include Maban, Longochuk, Maiwut, Nasir, and Southern parts of Baliet in Upper Nile State, Akobo, Pochalla in Jonglei State, the eastern and southeastern parts of the Greater Pibor Administrative Area, and the southeastern parts of Kapoeta in Eastern Equatoria State.

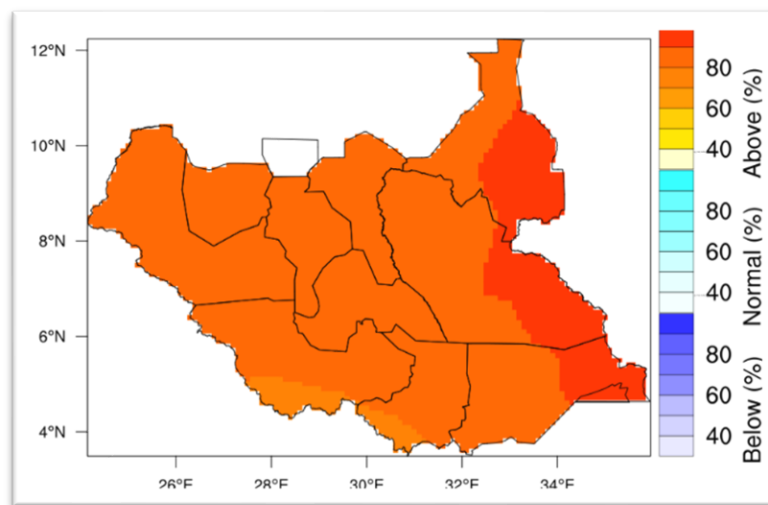


Figure 1b: Mean Temperature forecast for August 2026

3.1 Rainfall Forecast for August- September-October (ASO) 2026

The seasonal rainfall outlook for the June–September (ASO) 2026 period indicates mixed rainfall conditions across South Sudan. Areas shaded in green indicate an increased likelihood of above-normal rainfall, while areas shaded in yellow and orange indicate an increased likelihood of below-normal rainfall.

The highest probability of above-normal rainfall (40–60%) is forecast over Wau, Jur River counties in Western Bahr el Ghazal State, most parts of Northern Bahr el Ghazal State, Abyei Administrative Area, Abiemnhom county in Ruweng Administrative Area, Southern parts of Fashoda, Central parts of Beliet, Longochuk, Maiwut counties in Upper Nile State, and Northern parts of Tombara & Nagero counties in Western Equatorial.

Most central, eastern, and southern parts of the country are shaded in yellow and orange, indicating a 40–80% probability of below-normal rainfall. These areas include much of Jonglei State, the

Pibor Administrative Area, Eastern Equatoria State, Lakes State, parts of Central Equatoria State, southern Unity State, and parts of Western Equatoria State.

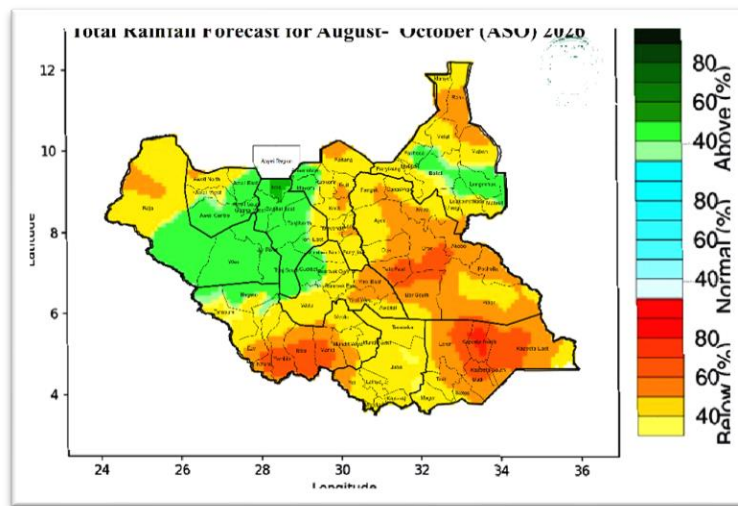


Figure 2a: Total rainfall(mm) forecast for August to October 2026

3.2 Mean Temperature Forecast for August- September-October 2026

The August–October (ASO) 2026 mean temperature forecast indicates a strong likelihood of above-normal temperatures across South Sudan. Areas shaded in dark red indicate a greater than 80% probability of above-normal temperatures over all South Sudan.

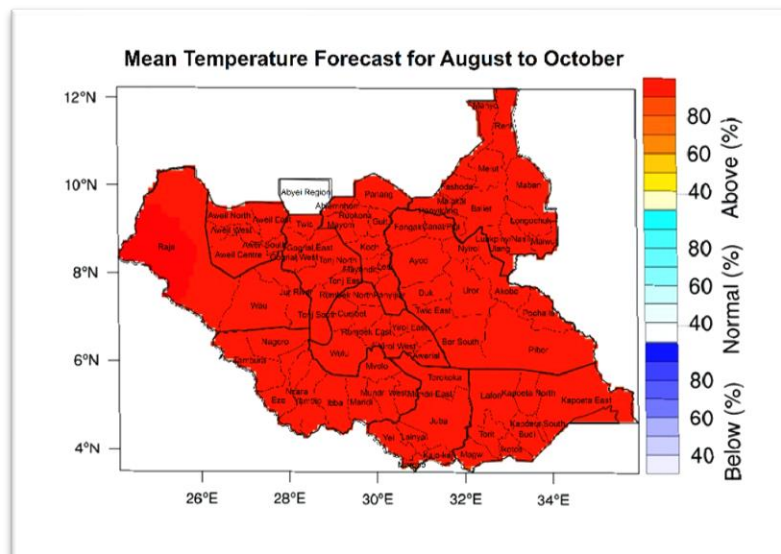


Figure 1b: Mean Temperature forecast for ASO 2026