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KMD MONTHLY AGRO-METEOROLOGICAL BULLETIN



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parts of the country that reduced evapotranspiration.

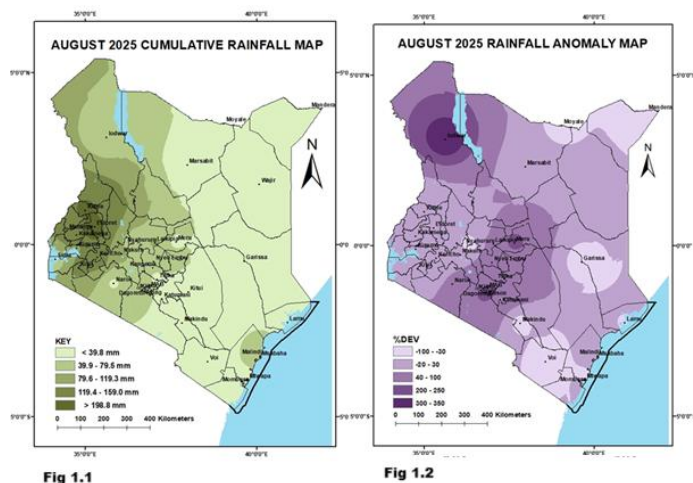
1.0 HIGHLIGHTS

- The month of August marks the end of the gradual cold season. Extremely cold daytime temperatures were experienced over the Central highlands, Nairobi region, parts of Southeastern lowlands and some parts of the South Rift valley. The period was characterized by occasional cool and cloudy conditions with light rains predominantly in the morning hours.
- Mean temperatures were warmer than long term averages over most stations in the country.
- Soil moisture levels across several parts of the country particularly in western and central Kenya remained favorable for Crop growth, Pasture regeneration and Natural vegetation. This was attributed to cumulative effects of the (JJA) season and the broken cloud cover over most

2.0 WEATHER AND SOIL CONDITION ASSESMENT

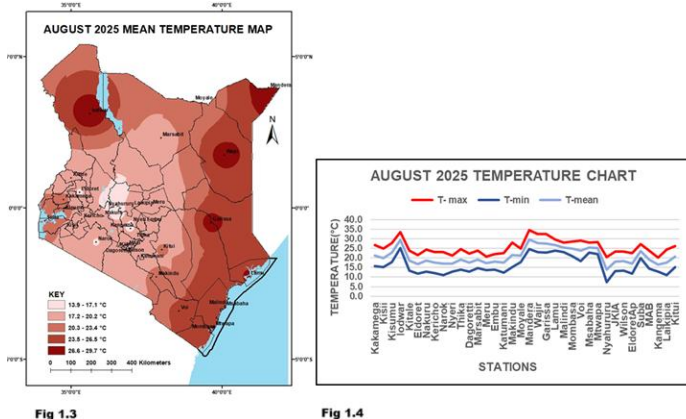
2.1.0 Rainfall amounts

Eldoret Airport station in the Rift valley region recorded the highest amount of rainfall during the month followed by Kitale station in the same region. Coastal, Northeastern and Southeastern lowlands received below average rainfall as indicated on the (**figure 1.2**) rainfall anomaly map



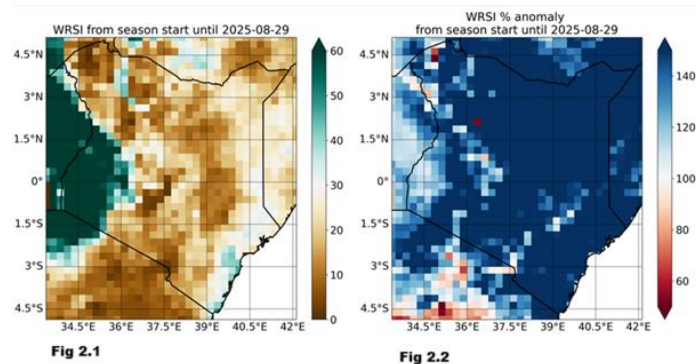
2.1.1 Mean Temperature

During the month of August there was a slight temperature decline over most regions of the country relative to the month of July. Higher temperatures were recorded in North Eastern, North Western and Coastal parts of the country. Mandera station recorded the highest mean temperature while lowest mean temperatures were recorded in Central and Nairobi regions. Refer to (fig 1.3 and 1.4).



2.1.2 Soil Moisture

Several parts of the country have recorded significant rainfall amounts throughout the month resulting into favorable soil moisture conditions. The good soil moisture conditions are supporting agricultural activities and pasture growth.



3.0 CROP REVIEW FOR AUGUST 2025

3.10 Western & Nyanza Region: In Kisii, most farmers are harvesting their maize crops. In Kakamega, land preparations are ongoing.

3.11 Rift Valley Region: In Kitale maize has attained full maturity. In Kericho a few farmers are still harvesting while the rest have started land preparations.

3.12 Central & Nairobi Region: In Thika Maize harvesting is ongoing. In Nyeri maize has attained full maturity and ready for harvest. In Dagoretti maize has attained maturity but have been left to completely dry in the farms. In Kabete maize has attained full ripeness.

3.13 Eastern Region: In Meru, land preparations are ongoing. In Embu, most farmers are harvesting their maize crop. Land preparations are ongoing in Katumani.

3.14 Coastal Region: Maize harvesting is ongoing while mangoes have attained flowering in Mtwapa. In Msabaha maize harvesting is ongoing.

3.15 North Eastern Region: Pasture and forage have continued to deteriorate owing to reduced rainfall and soil moisture levels.

4.0 Expected Weather conditions during SEPTEMBER 2025.

Several parts of the of the country are likely to experience sunny and dry conditions during the month. However, the Lake Basin, Highlands both west and east of Rift valley and some parts in the Northwestern are likely to receive near to above the long term mean for the month. Occasional afternoon showers and morning rains may be received in a few counties in the Highlands East of Rift valley and Nairobi region. Sunny and dry conditions are likely to prevail in the Northeastern, Southeastern and Coastal strip. However, a few areas over the coast may experience occasional light morning showers.

The September 2025 outlook

Central region & Nairobi County.

Mainly sunny and dry weather conditions for most of the month with occasional afternoon and night showers in few places. Cool and cloudy conditions with light rains are likely at the beginning of the month. Near to above long term average rainfall is expected during the month. (Fig 3.1).

Rift valley, Nyanza and Western Region. Near to above long term average rainfall expected over the regions particularly in the Lake Victoria Basin, Central and South Rift valley. Soil moisture levels are anticipated to remain sufficient for crop and pasture growth in these regions.

North Eastern and South Eastern regions.

Generally sunny and dry weather conditions expected throughout the month. Soil moisture forecast indicates suppressed moisture levels in these regions indicating further deterioration in pasture and water availability.

Coastal Region – Below long term average rainfall is expected in the region. Occasional light morning rains may be experienced over a few places. Soil moisture levels are still sufficient in the region.

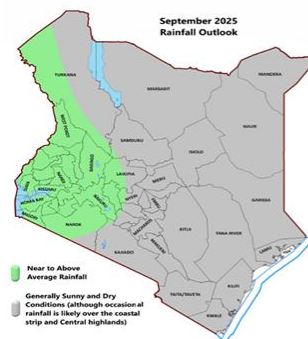


Fig 3.1

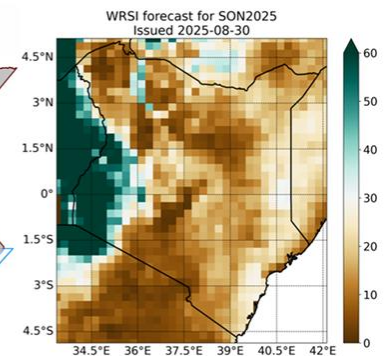


Fig 3.2

4.2 September 2025 Outlook & Advisory

September will continue to support agricultural activities in several regions of the country. Good crop and livestock management, timely harvesting, proper storage of the harvests and pasture conservation will be critical for food security as the conditions are anticipated to further deteriorate towards late September.

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For

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