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2.0 WEATHER AND SOIL CONDITION ASSESMENT

1.0 HIGHLIGHTS

- April marked the peak of the Long Rains(March-April-May) season over most parts of the country, except for the Coastal region.
- Most stations recorded normal to above normal rainfall during the period under review.
- Temperatures decreased significantly across the entire country.
- During this period most parts of the country experienced above - average rainfall which led to substantial increase in soil moisture. This has resulted to favorable soil moisture levels which is beneficial for vegetation and crops.
- The increased rainfall has supplied ample soil moisture promoting favorable condition for tree growth.

2.1.0 Rainfall amounts

Kangema station recorded the highest amount of rainfall followed by Meru station in Central Kenya. Most parts of the country received above - average rainfall except for the Coastal region that received below - average rainfall during the period under review.

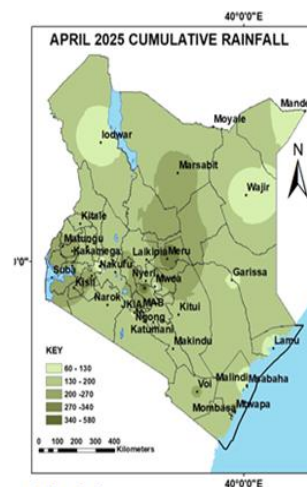


Fig 1.1

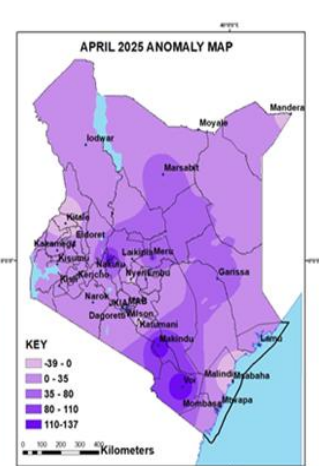
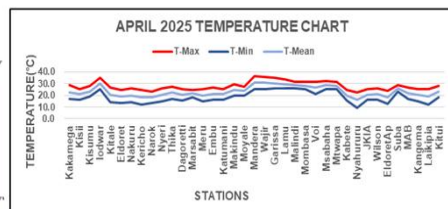
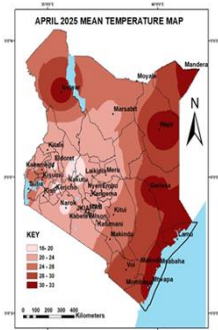
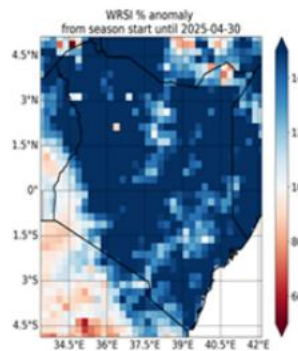
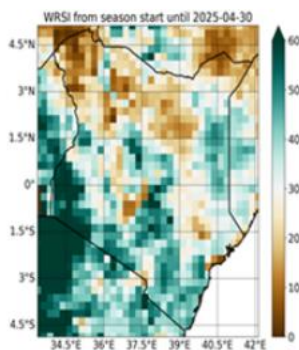


Fig 1.2

During the month of April temperatures decreased significantly compared to March. Higher temperatures were exhibited in the North Eastern, Northwestern and Coastal parts of the country. Mandera station recorded the highest mean temperature while Nyahururu in Central region recorded the lowest mean temperature.



Most parts of the country have experienced substantial rainfall leading to significantly improved soil moisture conditions. The enhanced soil moisture condition promotes favorable environments for agricultural activities. Figure 2.2 indicates the soil moisture anomaly in most parts of the country were wetter than normal.



3.10 Western & Nyanza Region: Maize and bean crops are doing well in this regions and weeding is ongoing.

3.12 Central Region: Beans and maize crop are at post emergence stage and are doing well.

3.14 Coastal Region: Mangoes are at flowering stage and both maize and bean crops are at post emergence stage.

3.15 North Eastern Region: Pasture and forage are doing well due to improved soil moisture.

May marks the end of the “Long Rains” season across the country, except for the Coastal and western regions, where rainfall typically extends into June. Several parts of the country are likely to experience near-average to above-average rainfall, although a few areas, particularly over the North Coast and parts of Garissa County, are expected to receive below-average rainfall. However, rains are likely to continue into the June–July–August (JJA) season over Western Kenya and the Coastal region.

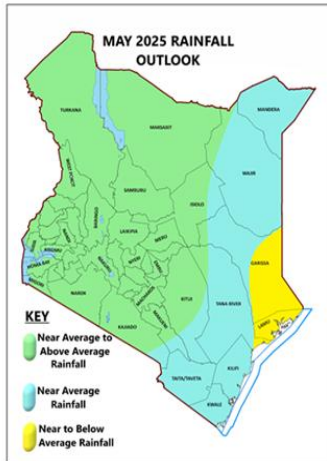


Fig 3.1

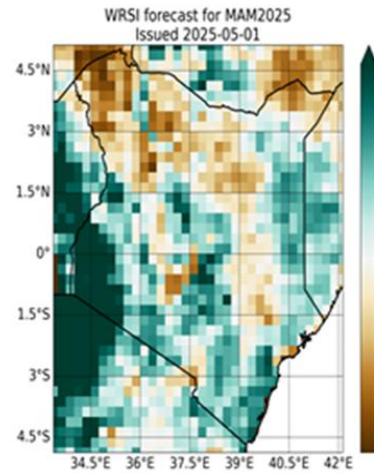


Fig 3.2

4.2 May 2025 Outlook & Advisory

The expected rainfall is likely to be conducive for crop production and pasture growth. Farmers are encouraged to continue liaising with agricultural extension officers to get advice on the right farm practices for maximum yield production. Pastoralists and relevant authorities are advised to conserve pasture as the season comes to an end to ensure their livestock have adequate feed to last till the next rainfall season.

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For

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