



KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



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FORECAST DEKAD 08 PERIOD: 11TH – 20TH MARCH 2026.

1.0 HIGHLIGHTS

The expected reduction in rainfall over the highlands East and West of Rift valley, Lake Victoria Basin, parts of the Rift Valley, and the South Coast will minimize the risks of flooding and waterlogging, help control the spread of certain pests and diseases, and helps retain limited soil moisture.

1.1 Expected Weather conditions in the Next Ten days 11th – 20th March 2026.

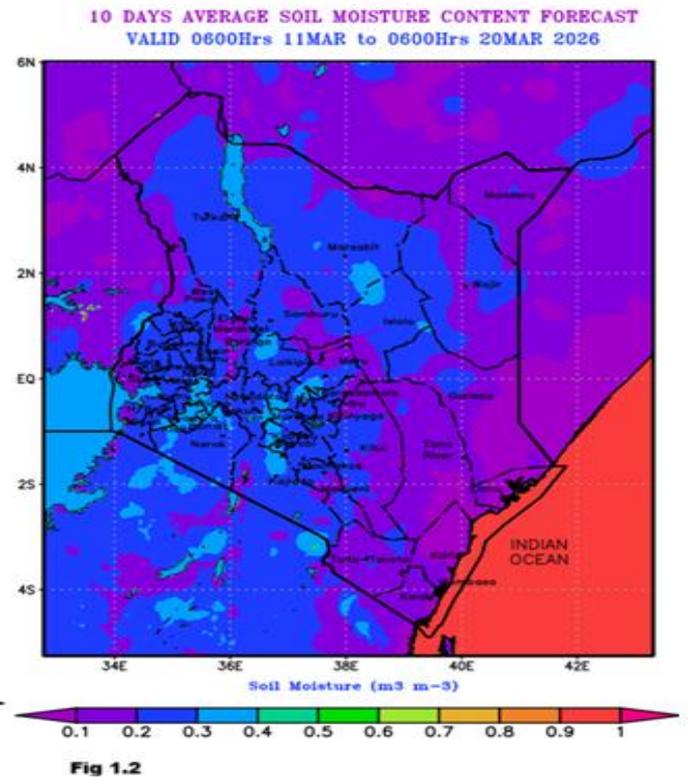
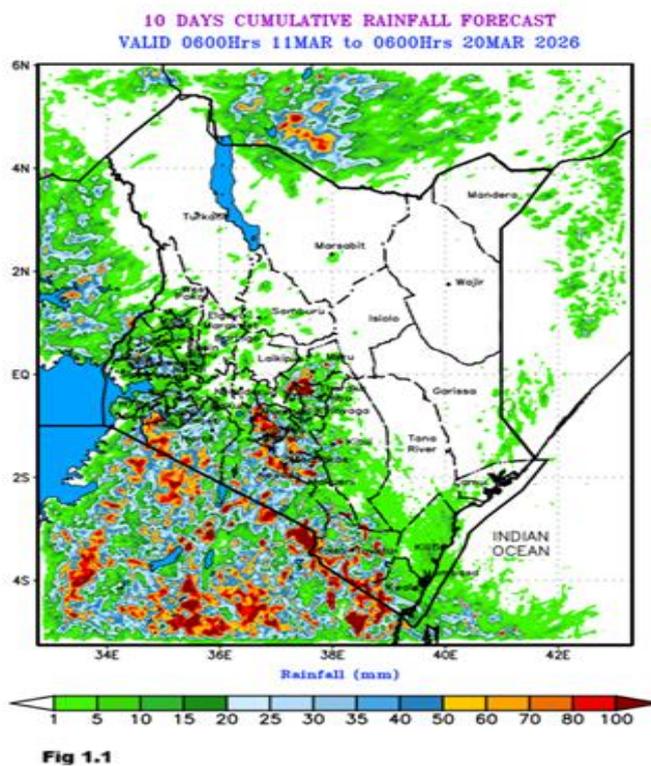
Rainfall is expected in a few regions, particularly the highlands East and West of Rift valley, Lake Victoria Basin, parts of the Rift Valley, and the South Coast, with isolated heavy rainfall possible. Most other areas will experience partly cloudy to sunny conditions with occasional light showers. (fig 1.1)

Several regions will record improved soil moisture conditions within the country, which will likely increase crop productivity, enhance nutrient uptake, and boost water-use efficiency, while reducing the need for irrigation (fig 1.2). Temperatures will remain high in the lowland areas, while cooler night temperatures are likely in the highland regions. Overall, the period is expected to have generally warm conditions with localized rainfall events.

1.2 General Advisory

With rainfall expected to reduce in coverage and intensity, but with occasional showers and isolated heavy rainfall in some regions, farmers are advised to adopt conservation agricultural practices during this period like low-tillage and mulching. There will be low risks of flooding and waterlogging, easier to control the spread of certain pests and diseases, and better retention of limited soil moisture

- Take advantage of intermittent rainfall to complete land preparation and early planting, particularly in areas where the long rains have already begun, particularly farmers in **Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley, the Southeastern Lowlands and the South Coast**
- In regions expecting isolated heavy rainfall, implement proper drainage systems in fields to avoid waterlogging and crop damage.
- Farmers in areas such as the **South eastern region** should conserve soil moisture through mulching and timely weeding due to expected high daytime temperatures and reduced rainfall.
- Plan farm operations during sunny intervals, especially activities such as planting, fertilizer application, and field maintenance.
- Pastoralists are encouraged to re-locate their livestock to areas where water is available should particularly in arid and semi-arid areas which will help tackle heat stress and may improve livestock body conditions.
- Farmers are encouraged to harvest rainwater and maintain soil conservation measures to maximize the benefits of the available rainfall.

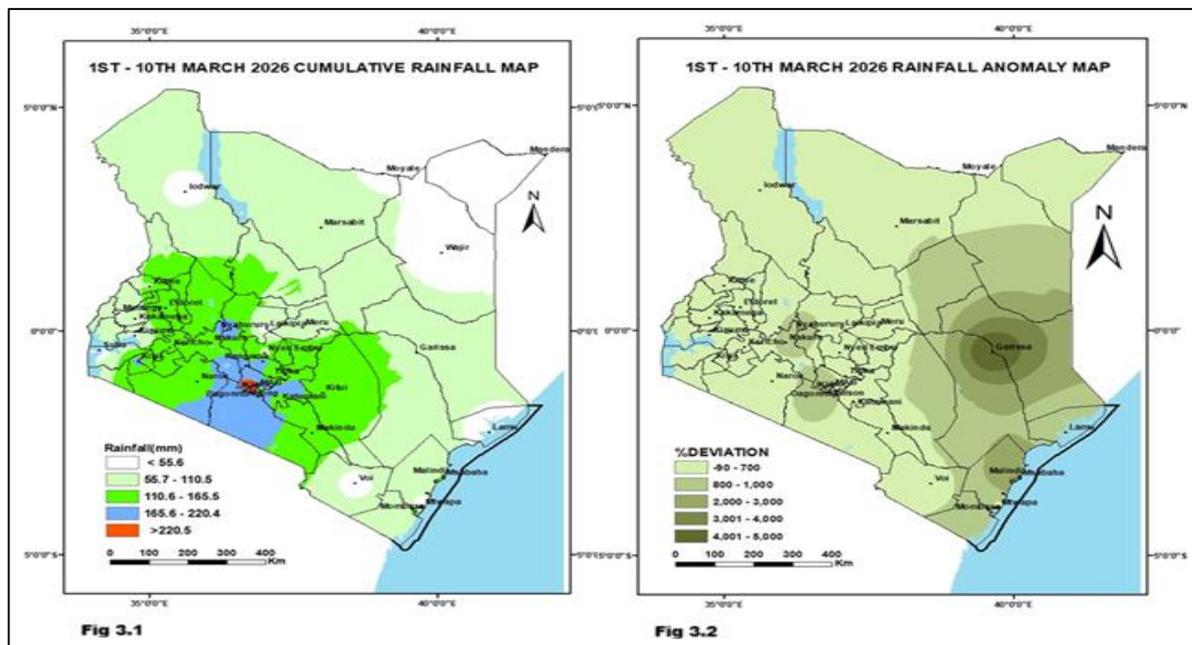


2.0 WEATHER, SOIL AND CROP CONDITIONS DURING 1ST – 10TH MARCH 2026

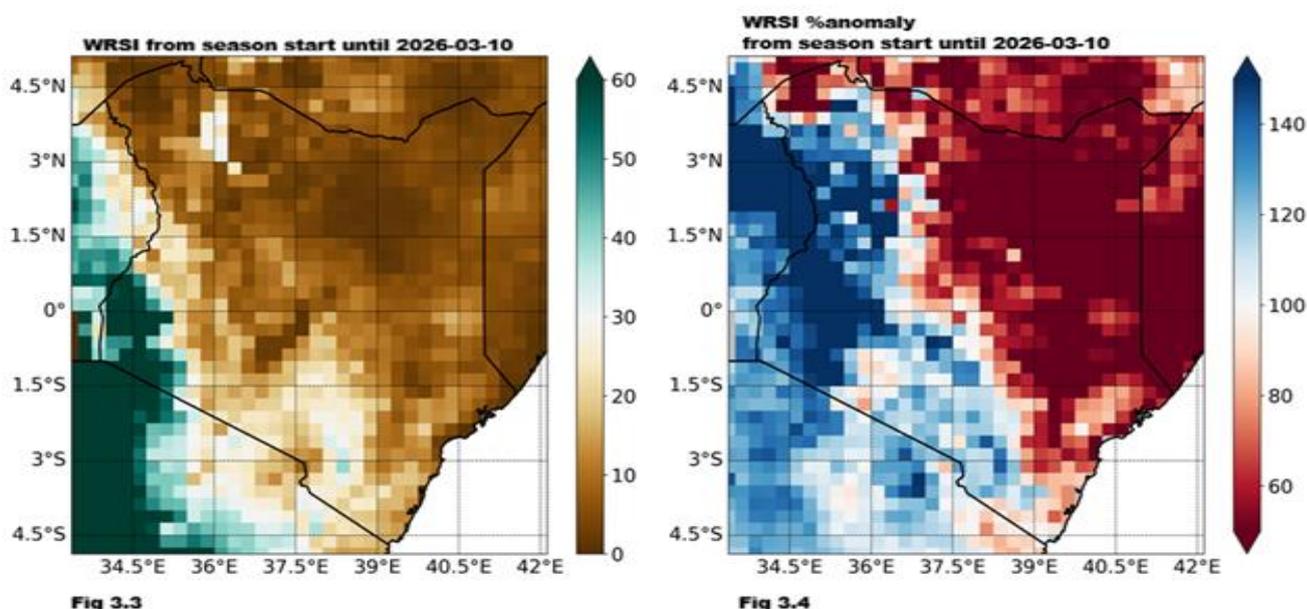
Precipitation: Most stations experienced above-normal rainfall during the period under review, with cumulative rainfall totals exceeding the long-term dekadal mean. (fig 3.1& fig 3.2)

The **highest** rainfall amount was recorded at Kabete station in the Nairobi region with a total of 287.2 mm.

Cloud Cover: Most regions experienced broken cloud cover during the period under review.

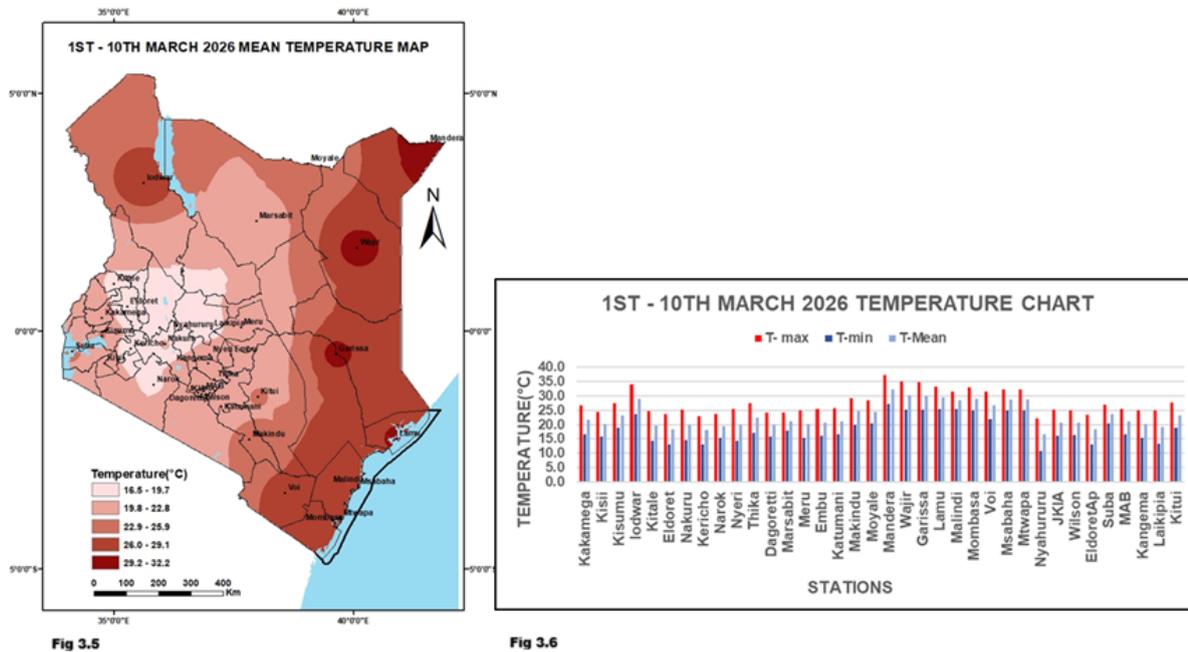


Soil Moisture: Soil moisture conditions have significantly improved following the rainfall received over several parts of the country. The enhanced soil moisture status is expected to support crop establishment and growth, improve range-land and pasture conditions, and reduce short-term moisture stress on crops and livestock. (fig 3.3& fig 3.4)



Temperature Trends: Mean air temperatures remained slightly below-normal across most parts of the country during the review period, with no significant deviations from the long-term climatological averages observed. (fig

3.5 & fig 3.6)



3.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

3.1 Western and Nyanza Regions

Most stations within the region received above normal rainfall compared to the LTM during the dekad.

Kakamega: Recorded 76.1 mm of rainfall during the dekad, mean air temperature remained 21.7°C crops are at emergence stage.

Kisii: Received 173.4 mm of rainfall. Temperature decreased to 20. 1°C. most farmers have completed their planting.

3.2 Rift Valley Region

Most stations in the region reported above normal rainfall compared to the LTM of the dekad.

Kericho: Recorded 146.6 mm of rainfall; temperature slightly increased from 18.0°C to 19.1°C. some crops are at emergence stage while some farmers are still planting.

Kitale: Recorded 101.1 mm of rainfall during the dekad; mean air temperature reduced from 19.9 to 19.5°C. Land preparations are still ongoing while some have started planting.

Eldoret: Recorded 157.6 mm of rainfall; mean air temperature slightly increased from 18.0°C to 18.4°C.

3.3 Central and Nairobi Regions

Several stations within the regions recorded above normal rainfall compared to the Long-Term Average.

Thika: Recorded 122.7 mm of rainfall; mean air temperature slightly decreased from 23. 5°C from to 22. 7°C. Land preparation is ongoing.

Dagoretti: Recorded 198.1 mm of rainfall, and mean air temperature slightly decreased to 19.9°C from 21.5°C. Crops are at emergence stage. Crops are at emergence stage for those who planted early while other farmers are still

doing land preparations.

Kabete: Recorded 287.2 mm of rainfall. Land preparations ongoing.

Nyeri: Recorded 92.7 mm of rainfall; Mean air temperature slightly reduced from 21.0°C to 19.9°C. Land preparation is ongoing in the region.

3.6 Eastern Region

Most stations reported above normal rainfall in the region.

Meru: Recorded 77.7 mm of rainfall, mean temperature slightly remained same to 20.3 to 20.1°C. Land preparations are ongoing.

Embu: Recorded 135.3 mm of rainfall; Mean air temperature remained at 22.1°C. Land preparation is ongoing.

Katumani: Recorded 142.9 mm of rainfall; the mean air temperature increased from 21.1°C to 22.2°C. Crops are at emergence stage.

3.5 Coastal Region

Most stations in the region recorded above normal rainfall compared to the LTM.

Mtwapa: Recorded 62.3 mm of rainfall; mean temperature slightly decreased to 28.6 °C from 28.8°C. Farm preparations are ongoing.

Msabaha: recorded 135.7mm of rainfall, mean air temperature decreased to 29.5°C from 28.6°C.

3.6 North Eastern Region

Most stations in the region recorded above normal rainfall during the review period. Garissa station recorded the highest amount of 104.5 mm, Wajir 14.8 mm while Mandera recorded the lowest amount of 0.6 mm.

Mean air temperature in the region ranged between 29.9 °C in Garissa and 32.2°C in Mandera. Broken cloud cover dominated over the region during the dekad.



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