REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE, & FORESTRY

KENYA METEOROLOGICAL DEPARTMENT

TRANS NZOIA COUNTY SEASONAL FORECAST FOR (MARCH, APRIL, MAY, 2026)

Date of issue: 25th February, 2026

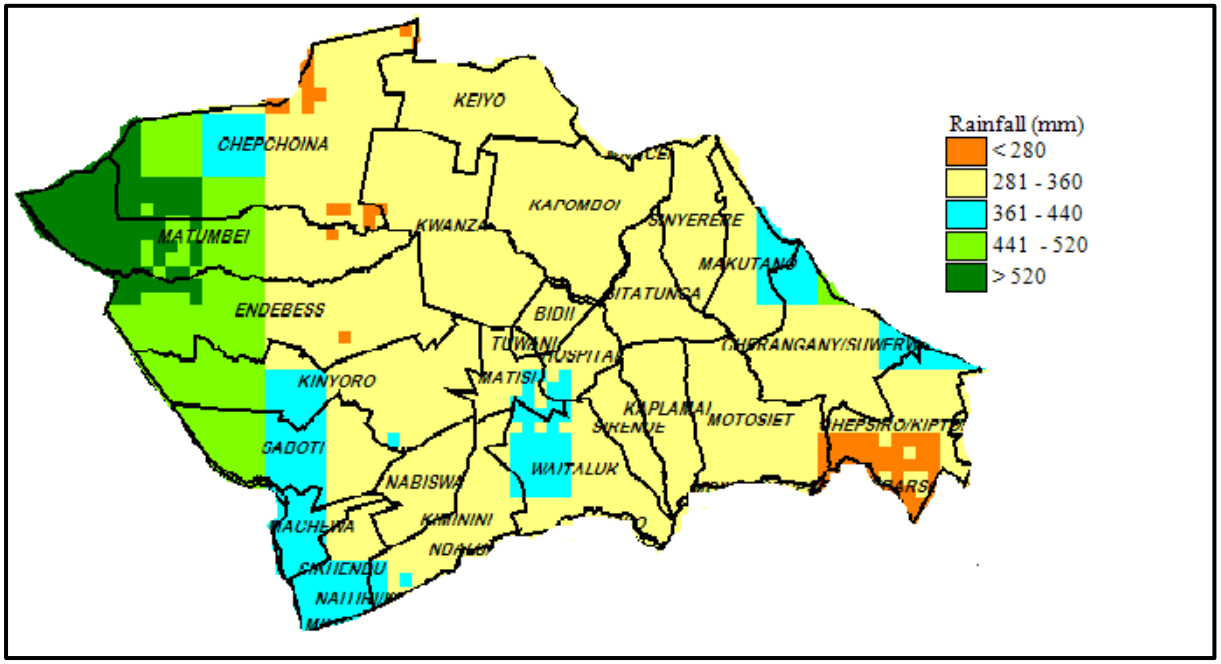


Fig 1. Forecast rainfall in mm in Trans Nzoia County during the March, April, May, 2026 rainy season.

SUMMARY OF RAINFALL OUTLOOK

Rainfall in Trans Nzoia County during March, April, May, 2026 rainy season is likely to be normal tending to above normal. The volume of rainfall is expected to be slightly higher than the average for this rainy season over the past 30 years.

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The map above (Fig 1) shows the volume of rainfall in mm that is forecast to fall in each part of Trans Nzoia County during the coming rainy season.

The map below (Fig 2) shows normal rainfall in mm in each part of the county during the same three-month period.

To find out whether the amount of rain forecast for a particular location is likely to be higher or lower than usual or in line with the historic average, compare the volume of rain in mm forecast for this location in Fig 1 with the normal volume of rainfall in mm for the same location in Fig 2.

Normal rainfall does not mean good or bad rainfall. It is simply an average amount that smoothens out the variations recorded between one year and another.

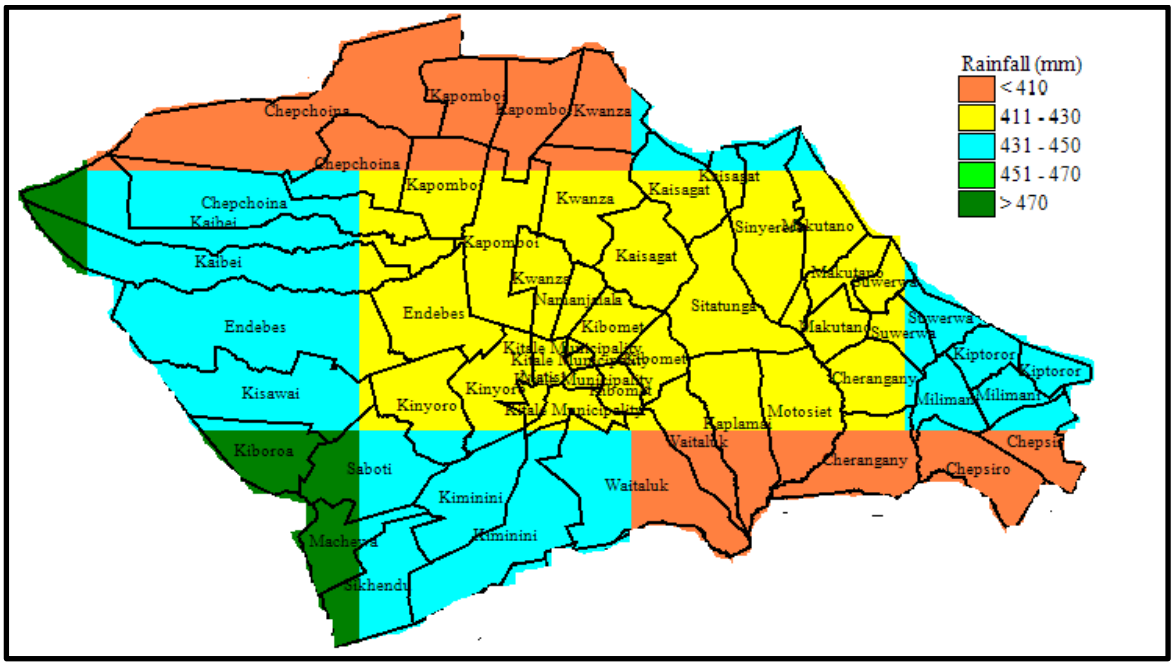


Fig 2. ***Normal rainfall in mm in Trans Nzoia County during the March, April, May rainy season.***

This map shows the average rainfall experienced during the same three-month period over 30 years between 1991 and 2020

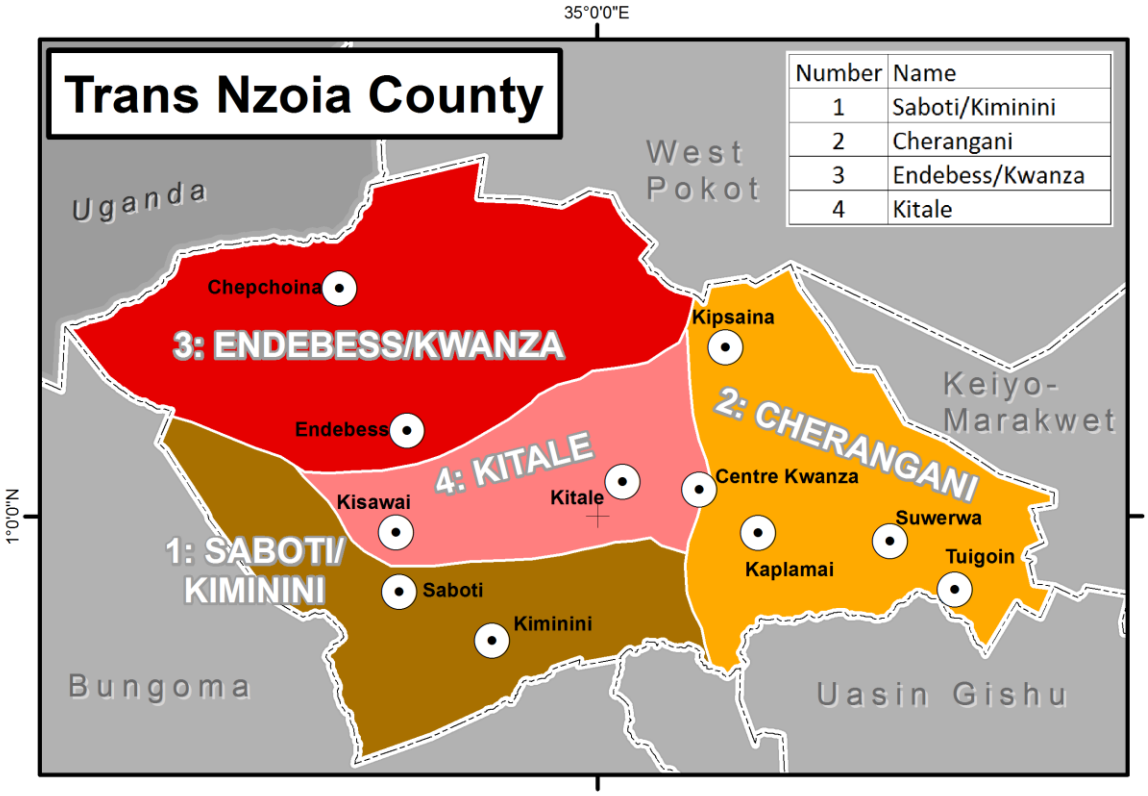


Fig 3. The main climatic zones of Trans Nzoia County

Forecast by Climatic Zones

Zone 1: Saboti and Kiminini

Start of rainy season (onset): Continues from February

End of rainy season (cessation): Continues to June 2026

Probable volume of rainfall: 281– 520mm.

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Western Saboti and Western Kinoro areas are expected to receive rainfall amounts ranging 441 – 520mm.

Central Saboti, Central Kinyoro, Western Machewa, Western Waitaluk and Southern Sikhendu areas are forecasted to receive rainfall amounts in the range of 361 - 440mm.

The entire Kiminini, Nabiswa, Sirende Kaplamai, Eastern Waitaluk, Eastern Kinyoro, Eastern Saboti and Northern Sikhendu areas are expected to receive rainfall amounts ranging 281 - 360mm.

Distribution of rainfall over time. The rainfall amount are expected to reach maximum levels on the fourth week of April to the first week of May.

Commentary of County Meteorological Director:

- Western part Endebess, and Western Kinyoro may experience flash floods due to heavy rainfall.
- Famers should take advantage of the forecast properly to plan their farm activities.
- Residents should ensure the farms are well drained to avoid water logging, and should also take advantage of the rains to make use of water harvesting techniques.

Zone 2: Cherangany

Start of rainy season (onset): Continues from February

End of rainy season (cessation): Continues to June 2026

Probable volume of rainfall: < 280 – 520mm.

Areas around Eastern Makutano and Northern part of Cherangani to get rainfall amounts of 361 - 520mm,

Motosiet, Sitatunga, Sinyerere, Western Makutano, Northern Chepsiro/Kiptoror and Southern Chrerangani are expected to receive slightly lower amounts of 281– 360mm of rainfall.

Southern Chepsiro/Kiptoror to receive low rainfall amounts of < 280mm.

Distribution of rainfall over time: The rainfall amount are expected to reach maximum levels on the fourth week of April to the first week of May.

Commentary of County Meteorological Director:

- Residents should ensure the farms are well drained to avoid water logging, and should also take advantage of the rains to make use of water harvesting techniques.
- Climate smart agriculture techniques should be applied on farms where rainfall may be inadequate.
- Famers should take advantage of the forecast properly to plan their farm activities.

Zone 3: Endebess & Kwanza

Start of rainy season (onset): Continues from February

End of rainy season (cessation): Continues to June 2026

Probable volume of rainfall: 270 – 530mm.

Areas around Western part Endebess, and Western Matumbei and Western Chepchoina to get more enhanced rainfall of > 520mm,

Central Endebess, Central Matumbei Central Chepchoina to receive rainfall amounts of 441 – 520 mm.

The areas expected to have lowest rainfall ranging 281 – 360mm are those of the entire Keiyo, Eastern Chepchoina, Eastern Endebess and Eastern Matumbei, Northern Kwanza and Northern Kapomboi.

The areas on the foot of Mt. Elgon will receive highest rainfall of above 520mm.

Distribution of rainfall over time: The rainfall amount are expected to reach maximum levels on the fourth week of April to the first week of May.

Commentary of County Meteorological Director:

- Areas surrounding Mt Elgon are likely to receive enhanced rainfall hence chances of flash floods are likely
- Residents should ensure the farms are well drained to avoid water logging, and should also take advantage of the rains to make use of water harvesting techniques.
- Climate smart agriculture techniques should be applied on farms where rainfall may be inadequate.
- Famers should take advantage of the forecast properly to plan their farm activities.

Zone 4: Kitale

Start of rainy season (onset): Continues from February

End of rainy season (cessation): Continues to June 2026.

Probable volume of rainfall: 281 – 440mm.

The entire Bidii and Tuwani, Northern Hospital, Eastern Kinyoro, Western Matisi Southern Kwanza and Southern Kapomboi areas are expected to receive rainfall amounts of 281 – 360mm.

Southern Hospital and Eastern Matisi is forecasted to have rainfall of ranging 361 – 440mm.

Distribution of rainfall over time: The rainfall amount are expected to reach maximum levels on the fourth week of April to the first week of May.

Commentary of County Meteorological Director:

- Famers should take advantage of the forecast properly to plan their farm activities.
- Climate smart agriculture techniques should be applied on farms where rainfall may be inadequate.
- Residents should ensure the farms are well drained to avoid water logging, and should also take advantage of the rains to make use of water harvesting techniques

How reliable is this forecast?

KMD's long-range forecasts are usually quite accurate. However, there is always of a degree of uncertainty involved in predicting the weather three months ahead.

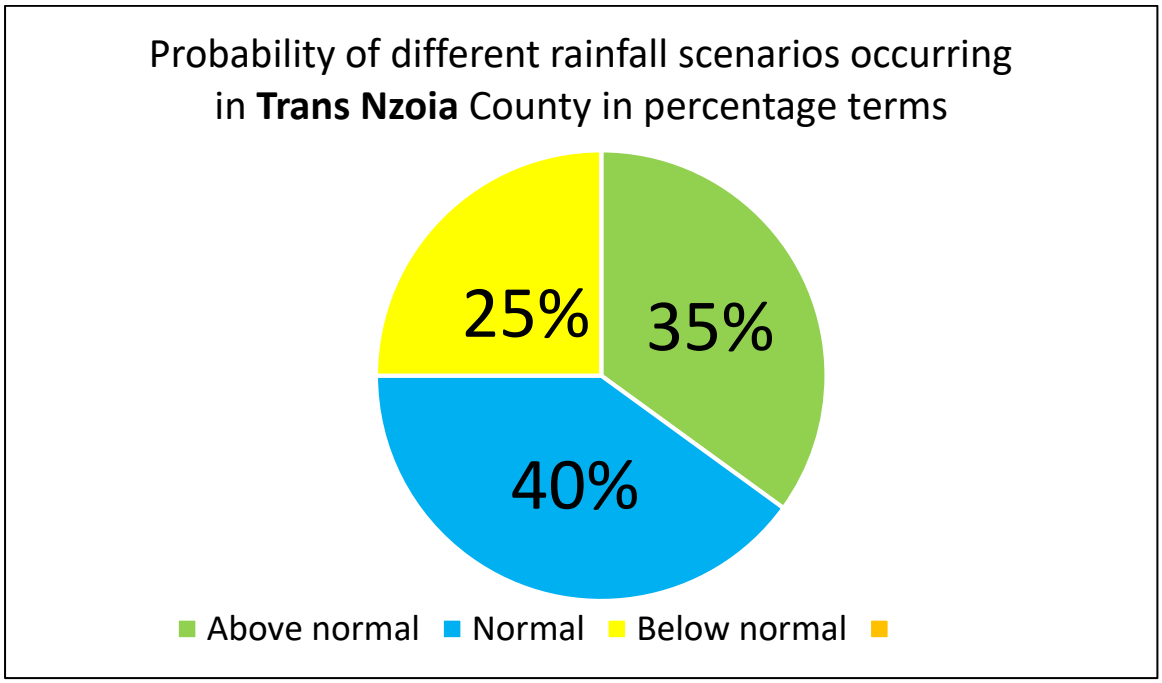
KMD considers three possible scenarios:

1. Rainfall will be higher than usual (above normal)
2. Rainfall will be in line with the historic average (normal)
3. Rainfall will be less than usual (below normal)

The pie chart below shows the percentage probability of each scenario occurring in Trans Nzoia County during the March, April, May, 2026 rainy season.

KMD forecasts the rainfall scenario which shows the highest probability of occurring in a particular area. Its forecast is also influenced by the adjacent rainfall scenario in that area.

The most likely scenario in Trans Nzoia County in March, April, May, 2026 is ***normal*** rainfall ***(40%).*** The adjacent scenario is ***above normal*** rainfall ***(35%)***. The forecast is therefore for the ***most probable scenario which is normal to above normal.***



You can find more information about the climate and weather in Kenya on the KMD website*http://www.meteo.go.kel* or*http://cdm.meteo.go.ke*