



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT
BUSIA COUNTY

**SEASONAL WEATHER OUTLOOK FOR OCTOBER NOVEMBER
DECEMBER 2024**

Date of issue: 30th August, 2024

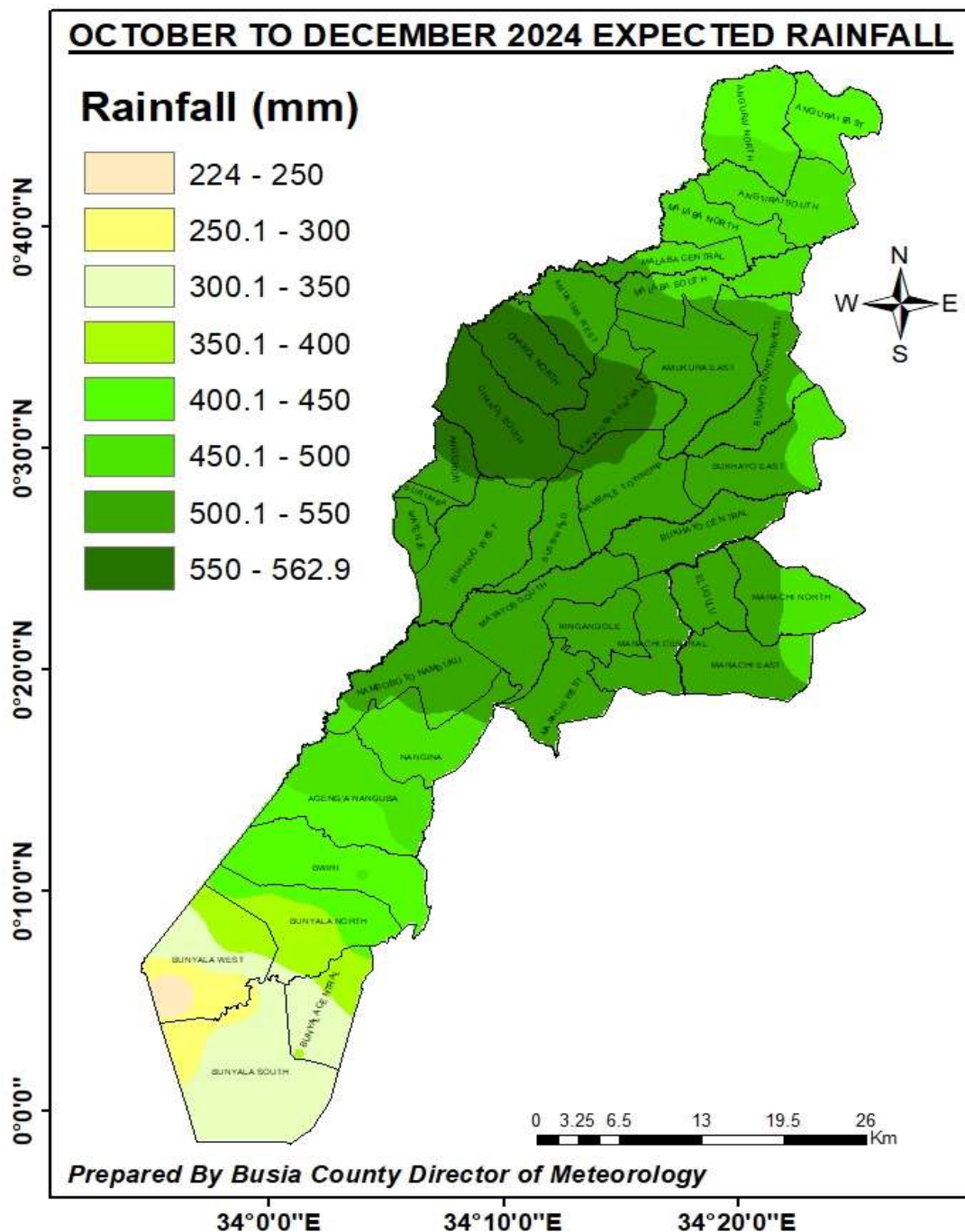


Fig 1. Forecast rainfall in Busia County during the October, November, December, 2024 rainy season

SUMMARY OF RAINFALL OUTLOOK

Rainfall in Busia County during the October, November, December, 2024 rainy season is likely to be ***near to the long-term average for this rainy season over the past 30 years.***

The map on page 1 (Fig 1) shows the amount of rainfall in millimetres (mm) that is forecast to fall in each part of Busia County during the coming rainy season.

The map below (Fig 2) shows normal rainfall in each part of the county during the same three-month period. (Normal rainfall means the average amount received in October, November and December over the last 30 years).

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

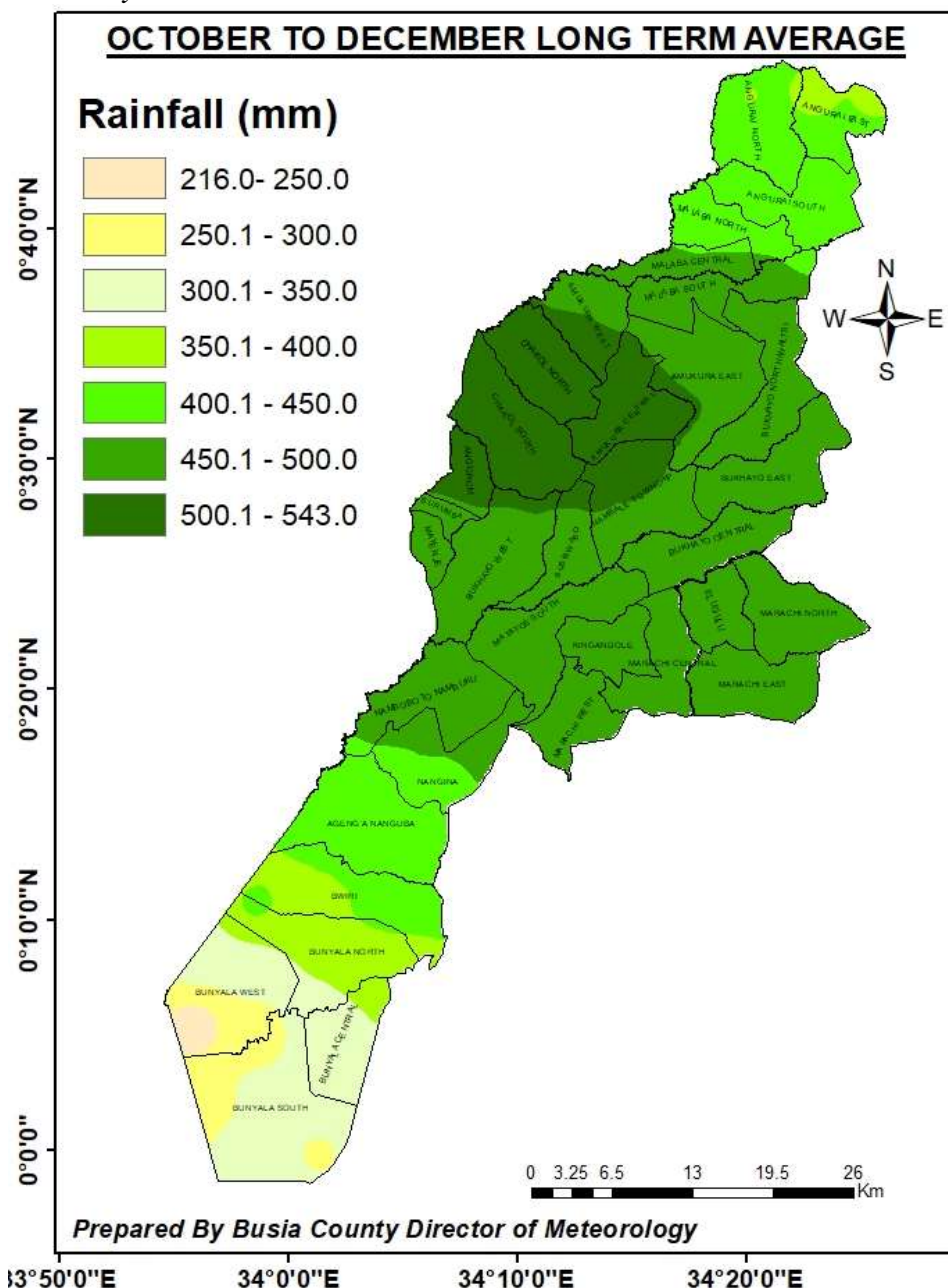


Fig 2. Normal (average) rainfall in mm in Busia County during the October, November, December rainy season.

Forecast by climatic zone

Zone 1, Bunyala

Start of rainy season (onset): Rainfall is expected to continue from September 2024.

End of rainy season (cessation): Rainfall is likely to cease between 8th December 2024 and 21st December 2024.

Probable amount of rainfall: 224-425 mm – It is likely to be near to the average rainfall received in this season over the past 30 years.

Distribution of rainfall: Fairly even distribution of rainfall in October and November with occasional short dry spells. More uneven distribution in December, with longer dry spells.

Highest rainfall amount expected/ Peak month: November 2024.

Zone 2: Samia

Start of rainy season (onset): Rainfall is expected to continue from September 2024.

End of rainy season (cessation): Rainfall is likely to cease between 8th December 2024 and 21st December 2024.

Probable amount of rainfall: 400-530 mm – It is likely to be near to the average rainfall received in this season over the past 30 years.

Distribution of rainfall: Fairly even distribution of rainfall in October and November with occasional short dry spells. More uneven distribution in December, with longer dry spells.

Highest rainfall amount expected/ Peak month: November 2024.

Zone 3: Busia Central

Start of rainy season (onset): Rainfall is expected to continue from September 2024.

End of rainy season (cessation): Rainfall is likely to cease between 8th December 2024 and 21st December 2024.

Probable amount of rainfall: 450-563 mm – It is likely to be near to the average rainfall received in this season over the past 30 years.

Distribution of rainfall: Fairly even distribution of rainfall in October and November with occasional short dry spells. More uneven distribution in December, with longer dry spells.

Highest rainfall amount expected/ Peak month: November 2024.

Zone 4: Teso North

Start of rainy season (onset): Rainfall is expected to continue from September 2024.

End of rainy season (cessation): Rainfall is likely to cease between 8th December 2024 and 21st December 2024.

Probable amount of rainfall: 400-530 mm – It is likely to be near to the average rainfall received in this season over the past 30 years.

Distribution of rainfall: Fairly even distribution of rainfall in October and November with occasional short dry spells. More uneven distribution in December, with longer dry spells.

Highest rainfall amount expected/ Peak month: November 2024.

Commentary of the County Meteorological Director

Advice to farmers in all areas of Busia County

1. Choose seed varieties that produce plants which do well when the amount of rainfall is close to the long-term average, but which are able to withstand dry spells.
2. Consult your local agricultural extension officer for advice on how to plan farming activities in light of this forecast.
3. Diversify your crop growing and livestock raising activities to spread the risks that come with climate change. Diversification will ensure that gains in some farming activities will cushion you against possible losses in others.
4. Whenever you hear thunder or see lightning, take shelter in the middle of a building, away from the door and windows, to stay safe from lightning strikes.
5. Bring your domestic livestock under cover (in a shed) during thunderstorms to keep the animals safe from hailstones, cold rainwater, lightning and strong wind.
6. Harvest rain water for future use.

Special flood advice for residents in Zone 1, Bunyala

Occasional rainfall storms and continuous heavy rain in counties upstream from Busia may cause the river Nzoia to flood within the Budalangi flood plain. To know if a flood is coming:

- (a) **Listen to the news on local radio stations** every day during the rainy season – particularly Bulala FM on 107.5 FM.
- (b) **Consult local WhatsApp groups** every day to find out what is happening.
- (c) Subscribe to the latest flood information and advice for residents in Budalangi on the **Nzoia Flood Early Warning WhatsApp platform** if you have a smart phone. Ask to join this group by sending a text message to +254 722 225 268. Make sure you have data bundles loaded onto your phone so that you can access flood warning information.
- (d) **Keep in close touch with community leaders** - Bunyala Deputy County Commissioner, Assistant County Commissioner, chiefs, Assistant Chiefs, Sub County administrator, ward administrators, village administrators, Church Pastors, Mosque Imams and local school teachers. They will receive timely advice from the disaster management authorities on what to do and pass it on to you.
- (e) **Attend barazas** called by the chief or assistant chiefs. **Pay attention to what they say and follow their advice.**

Special flood advice for residents in Zones 2 and 3, Samia and Busia Central

Occasional heavy and very heavy rainfall may occur during the forecast period. Keep away from swollen waters in the river Sio and its tributaries to stay safe and avoid drowning.

Special flood advice for residents in Zone 4, Teso North

Occasional rainfall storms and continuous heavy rain in the upstream of river Malaba and Malakisi may cause floods downstream. Keep away from swollen waters in the Malakisi and Malaba rivers and their tributaries to stay safe and avoid drowning.

For further information and updates, please contact:

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