



Kenya Meteorological Department
Siaya County
MAM 2026 Seasonal weather forecast
(LONG rainy season)

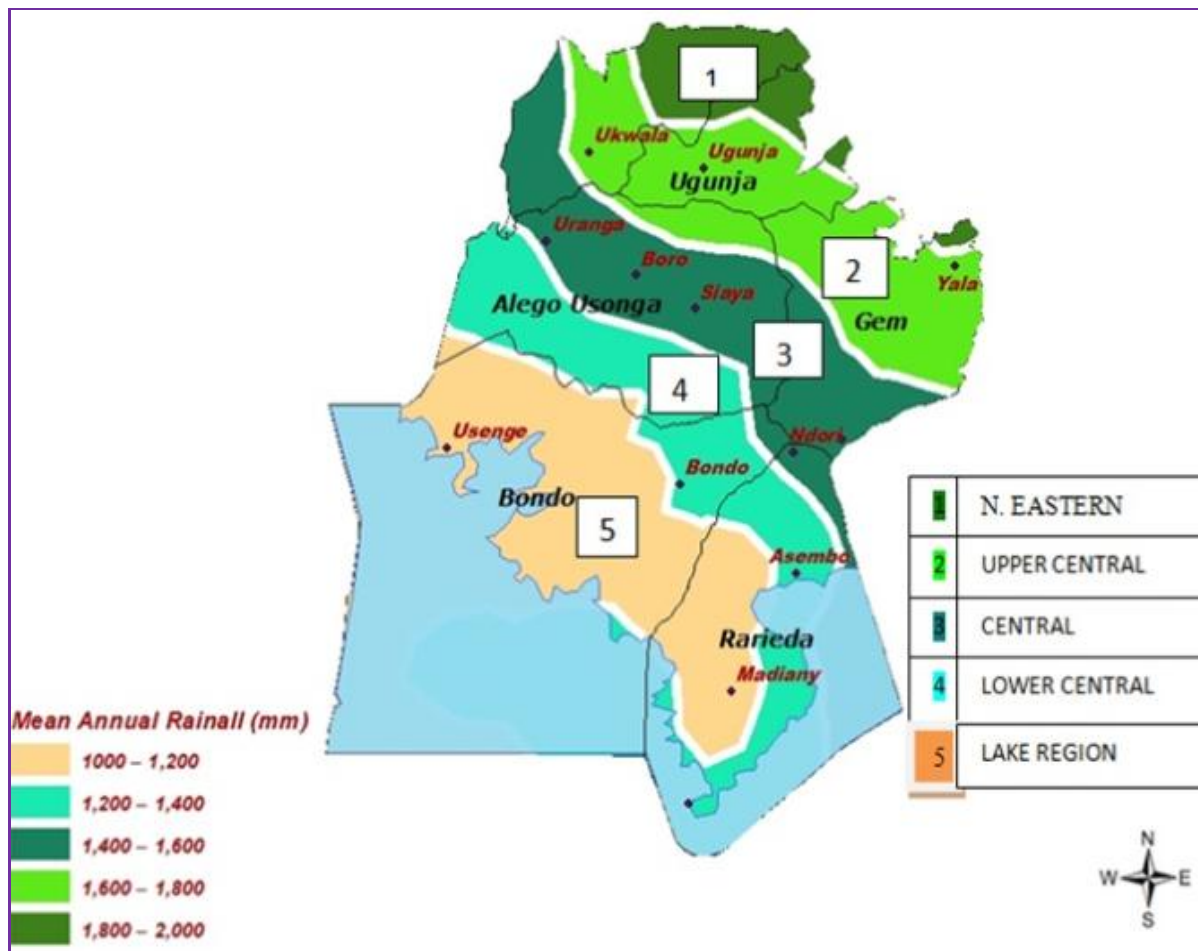


Figure 1: Shows Siaya County Long Term Mean rainfall condition

CLIMATE OUTLOOK FOR MARCH-APRIL-MAY 2025 (LONG RAINS) SEASON

The March to May (MAM) period is the major rainfall season (long rains) over Siaya County and much of western Kenya. The highest seasonal rainfall amounts (greater than 300mm) are normally experienced over the entire county as depicted in Figures 2a below. In Siaya County the highest amount of rainfall is experienced in the highly raised areas of *Gem, Ugenya and Ugunja* and low rainfall over low areas of *Rarieda and Bondo* Sub Counties.

The MAM 2025 forecast indicates that **near average to above-average** rainfall is expected over Siaya County. The Northern part of Sigomere, East Ugenya and northern part of Sindindi wards are likely to experience over 750mm of rainfall. Above average rainfall are expected over some parts of W. Ugenya, C. Alego, S. Alego and S. Gem. The remaining parts are expected to experience **Normal rainfall** as shown in Figures 2a and 2b below.

The distribution of rainfall in both space and time (temporal and spatial) is expected to be **fair to good** throughout the forecast period. The **onset** of the season is expected to **continue** from **February** and the **cessation** is likely to **continue** into **June** as shown in figure 3 below. The **peak** of the rains is expected to be in the month of **April**.

CLIMATOLOGY AND FORECAST FOR MAM 2026 LONG RAINFALL SEASON FOR SIAYA COUNTY

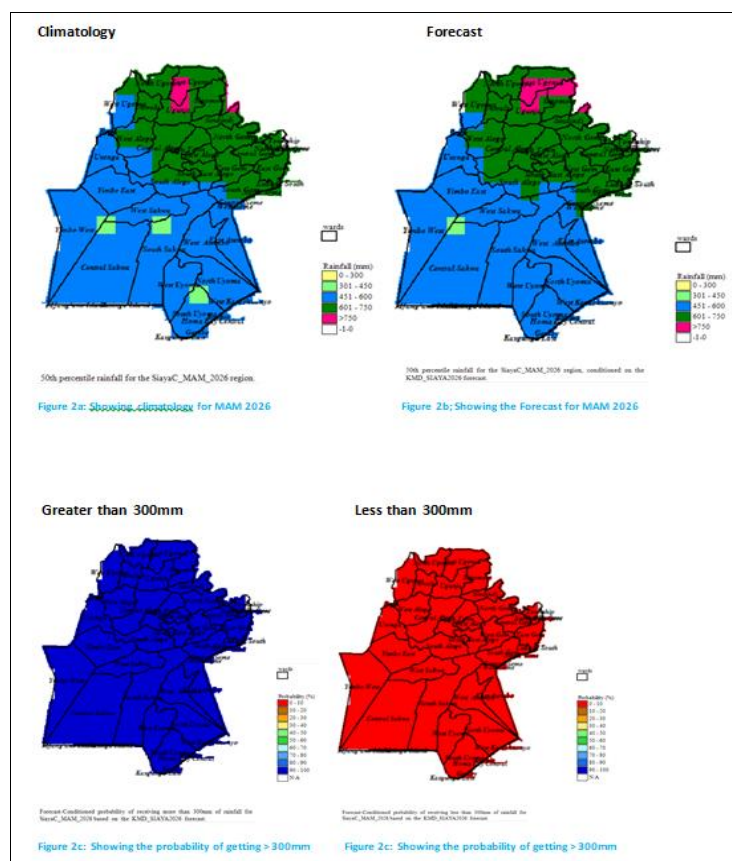


Figure 2: Showing the Climatology, Forecast and the probabilities of getting greater and less than 300mm of rainfall respectively

ONSET AND CEASATION FOR MAM 2025 (A CASE FOR SIAYA WRA, BONDO WATER SUPPLY AND UHOLO CHIEF'S CAMP)

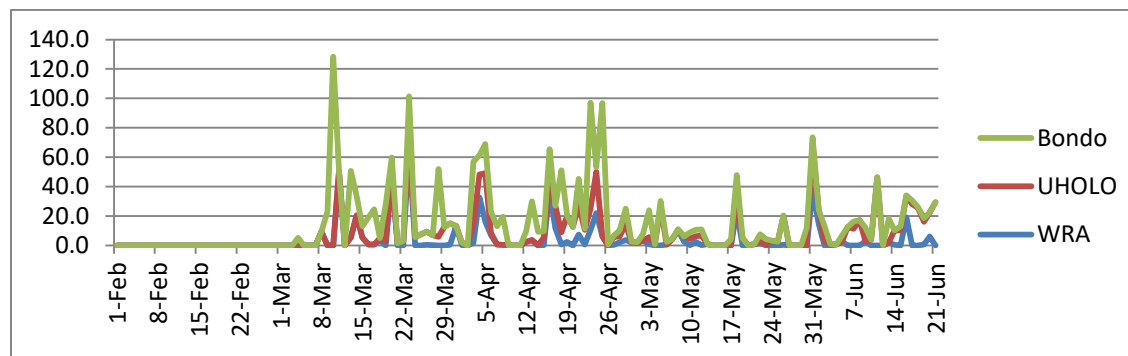


Figure 3: Shows the graph analogue year (2023 February – June) for WRA, Uhoho and Bondo rainfall stations

Date of issue: 5TH /01/2026

Name(s) of climatic zone(s) 1: {East Ugenya ward, N. Sigomere ward, Sidind wardi}

Onset: Rainfall expected to *continue from February 2026*

Cessation: Continue into **June 2026**

Probable volume of rainfall: >750mm

Probable distribution of rainfall during the rainy season: Fair to Good

Probability of different rainfall scenarios occurring:

Above normal rainfall	35
Normal rainfall	40
Below Normal rainfall	25

Normal rainfall is the average volume of rainfall that fell during this rainy season in this area of the county over the past 30 years

Commentary of County Meteorological Director:

- Near average to above average rainfall expected over the county
- Occasional heavy rainfall expected
- Warmer than normal temperatures expected during the forecasting period
- Thunderstorms and Lightning likely thus no taking shelter under the tree or veranda
- Strong winds likely during the season
- Areas around the town that suffers flooding/water logging due to poor drainages should be attended to on time to avoid in-accessibilities and property damages.
- Need for early dredging of trenches, culverts to allow for free flow of surface runoffs
- Water pans and dams to be desilted on time to enable optimal water harvesting
- County Disaster preparedness team to be on the alert for the likely landslides and mud slides
- Health department to stock the necessary pharm and non-pharms for this period of forecast

Advice to farmers from Ministry of Agriculture:

- (To be generated in County Climate Outlook Forum)

Name(s) of climatic zone(s) 2&3 {W. Ugenya ward, Ugunja, W. Alego, C. Alego, S. E. Alego, W. Gem etc}

Onset: Rainfall expected *Continue from February 2026*

Cessation: Continue into **June 2026**

Probable volume of rainfall: 600mm – 750mm

Probable distribution of rainfall during the rainy season: Fair to Good

Probability of different rainfall scenarios occurring:

Above normal rainfall	35
Normal rainfall	40
Below Normal rainfall	25

Normal rainfall is the average volume of rainfall that fell during this rainy season in this area of the county over the past 30 years

Commentary of County Meteorological Director:

- Average (Normal) rainfall likely over most parts of the County
- Warmer than normal temperatures expected during the forecasting period
- The catchment areas of rivers Nzoia and Yala are likely to experience near to above average rainfall thus likelihood of possible flooding over the flood prone areas of Nyadorera , Rwambwa, Aram etc
- Occasional heavy rainfall are expected
- Thunderstorms and Lightning likely thus no taking shelter under the tree or veranda
- Need for early dredging of trenches, culverts to allow for free flow of surface runoffs and prevention of water logging around the estates
- Water pans and dams to be desilted on time to enable optimal surface water harvesting
- County Disaster preparedness team to be on the alert for the likely flooding in the flood prone areas of Rwambwa, Nyadorera, Aram etc
- Disaster management team to be on the look out and put every measure in place for the forecast period
- Health department to stock the necessary drugs and other gears for the period

Advice to farmers from Ministry of Agriculture:

- (To be generated in County Climate Outlook Forum)

Name(s) of climatic zone(s) 4 & 5; {Usonga, Yimbo East, Yimbo West, W. Sakwa, S. Sakwa, E. Asembo, N. Uyoma, S. Uyoma, W. Uyoma and C. Sakwa wards}

Onset: Rainfall expected to *continue from February 2026*

Cessation: Continue into **June 2026**

Probable volume of rainfall: 450mm – 600mm

Probable distribution of rainfall during the rainy season: Fair to Good

Probability of different rainfall scenarios occurring:

Above normal rainfall	35
Normal rainfall	40
Below Normal rainfall	25

Normal rainfall is the average volume of rainfall that fell during this rainy season in this area of the county over the past 30 years

Commentary of County Meteorological Director:

- Average (Normal) rainfall expected
- The catchment areas of rivers Nzoia and Yala are likely to experience near to above average rainfall thus likelihood of possible flooding over the flood prone areas
- Thunderstorms and Lightning likely thus no taking shelter under the tree or veranda
- Need for early dredging of trenches, culverts to allow for free flow of surface runoffs
- Water pans and dams to be desilted on time to enable optimal surface runoff harvesting
- County Disaster preparedness team to be on the alert for the likely flooding in the traditional flood areas
- Disaster management team to be on the look out and put every measure in place for the forecast period
- Health department to stock the necessary drags and other gears for the period

Advice to farmers from Ministry of Agriculture:

- (To be generated in County Climate Outlook Forum)

For further information, please contact:

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