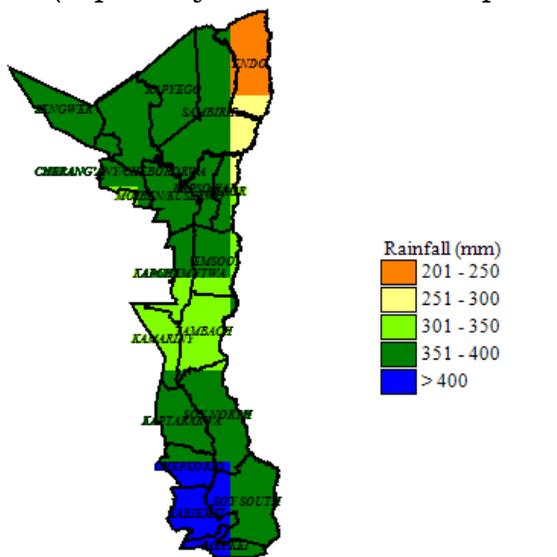
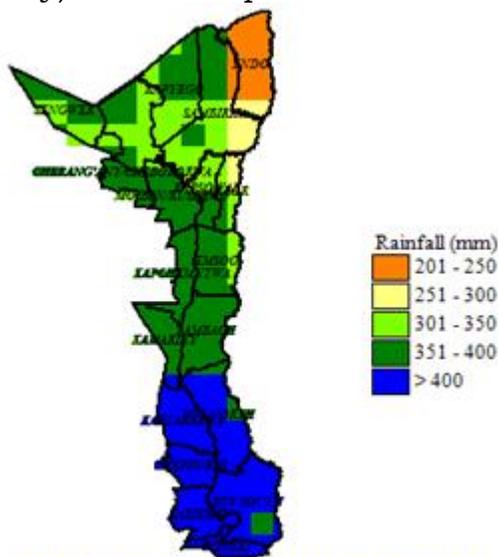


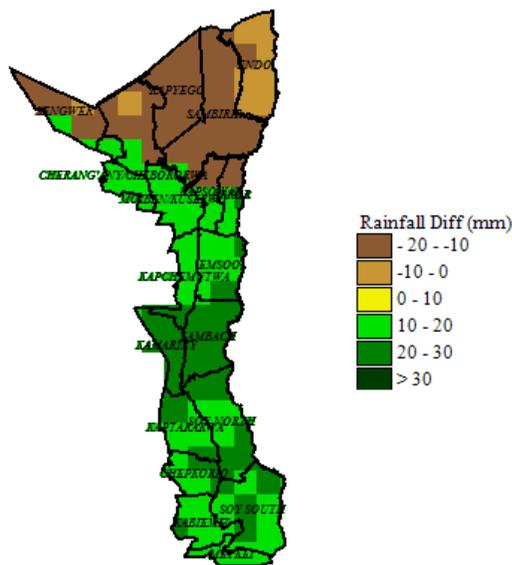
The Onset is expected from the last week of March to the first week of April. It may delay to the second to third week of April in Endo Ward. The rainfall distribution over time and space will generally be poor to fair punctuated with occasional dry spells and rain storms (especially on the southern parts of the County) over a few places.



ELGEYO MARAKWET COUNTY MARCH-APRIL-MAY MEAN RAINFALL



EMC MARCH - APRIL - MAY 2025 RAINFALL OUTLOOK



EMC MAM 2025 PREDICTED RAINFALL DEVIATION

Temperature forecast indicates that Elgeyo Marakwet County is likely to be warmer than normal during this season with over 60% chance of warmth exceeding the long term average.

POTENTIAL IMPACTS OF THE MAM 2025 RAINS

In view of the forecasted near average rainfall warmer temperatures, many sectors and livelihoods are likely to be impacted in various ways. With adequate preparations, the County can avoid some of the likely negative impacts while taking full advantage of the positive ones. The most likely sector-specific impacts are as highlighted below:

1. Agriculture, Food Security and Livestock Development Sectors

Farmers are advised to take advantage of the expected rains to maximize on agricultural and livestock production through appropriate land-use and management. They should liaise with the Department of Agriculture, Livestock and Fisheries for specific advice on the appropriate Climate Smart actions and practices.

2. Environment and Natural Resources Sectors

The Ministry of Environment, Climate Change and Forestry, Departments and Agencies (MDAs) advise the public to put in place soil and water conservation measures to minimize environmental degradation. Urban authorities are advised to ensure proper solid and liquid waste management. The public is further encouraged to take advantage of the rains to plant/grow more trees especially fruit trees.

3. Disaster Management Sector

In the period preceding the forecast period, Elgeyo Marakwet County experiences dry conditions and very strong winds. Residents are encouraged to avoid preparing their lands by burning.

Concerned agencies are asked to prepare and be on the lookout for likely pre-season fire outbreaks.

During the forecast period, mudslide and rock falls along parts of the escarpment and riverine areas are likely. Residents are advised to avoid all activities that may compromise vegetation cover on the escarpments.

Flush floods in parts of the Kerio valley are also likely. Residents are therefore advised to minimize their activities along the riparian areas to avoid possible drowning.

Thunder and lightning strikes are highly probable, especially over the Keiyo and Marakwet highlands. Residents are advised against moving out in open spaces and sheltering themselves and their livestock under trees during rain. Touching metal surfaces e.g. barbed/mesh wire fences during rain should be avoided by all means.

4. Transport Sector

Poor visibility occasioned by fog/mist and rainfall is likely. Road users are advised to be on the lookout for obstructions on the roads especially along the meandering roads along the escarpment. Slippery conditions on the roads will also be very likely during the season. Road users (Pedestrians, Cyclists, motorists and livestock herders) are further advised to avoid crossing flooded bridges. All road users are therefore encouraged to adhere to all traffic advisories as provided by the Police.

5. Health Sector

Due to the expected average rainfall, water-borne diseases like cholera, typhoid etc. are likely to emerge. Local Authorities and all residents are advised to put drains in all areas that may harbor pools of water which may become breeding areas for mosquitos. Drinking water should be boiled or treated before use. For specific advisories in this regard, residents are advised to constantly seek advice from the department of health.

Use of *Jikos* for warmth in poorly ventilated rooms is discouraged because it can result in suffocation. Dressing warm is advised for highland dwellers to avoid cold-related health complications.

4.6 Water Sector

The major river catchment areas for the County's water supplies are likely to get good rainfall. Water/river catchment conservation is encouraged to minimize siltation in dams and pans. Timely (pre-season) desilting of all the pans is advised to maximize on the pans storage capacities during the season. Harvesting and storage of rain water and prudent use

is also advised. Other sources of water e.g. shallow wells may be contaminated by surface runoff. Residents are advised to ensure that the wells are well covered.

4.7 Urban Planning

All drainage systems in urban centers should be cleaned to avoid urban flooding resulting from blocked storm drainages. Prudent and sustainable solid and liquid waste management is advised to minimize risks that may arise as a result of mishandling. Urban dwellers, fresh food market and shop vendors should always use designated garbage bins to dump their solid wastes.



Kipkemei Simon Cheptot

COUNTY DIRECTOR OF METEOROLOGICAL SERVICES – ELGEYO MARAKWET COUNTY.