



**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**KENYA METEOROLOGICAL DEPARTMENT**  
**TURKANA COUNTY SEASONAL RAINFALL FORECAST**  
**OCTOBER-DECEMBER (OND) 2026**

Date of issue 23<sup>rd</sup> September 2026

**Review of June-July-August (JJA) Season 2026.**

Most areas of Turkana County received below average rainfall during June, July, August (JJA) rainfall season. This was due Elnino condition which suppressed rainfall performance over the entire county. Mean Maximum and Minimum temperatures were warmer than average over most parts of Turkana County during the Period

**National Rainfall Forecast for October-December 2026**

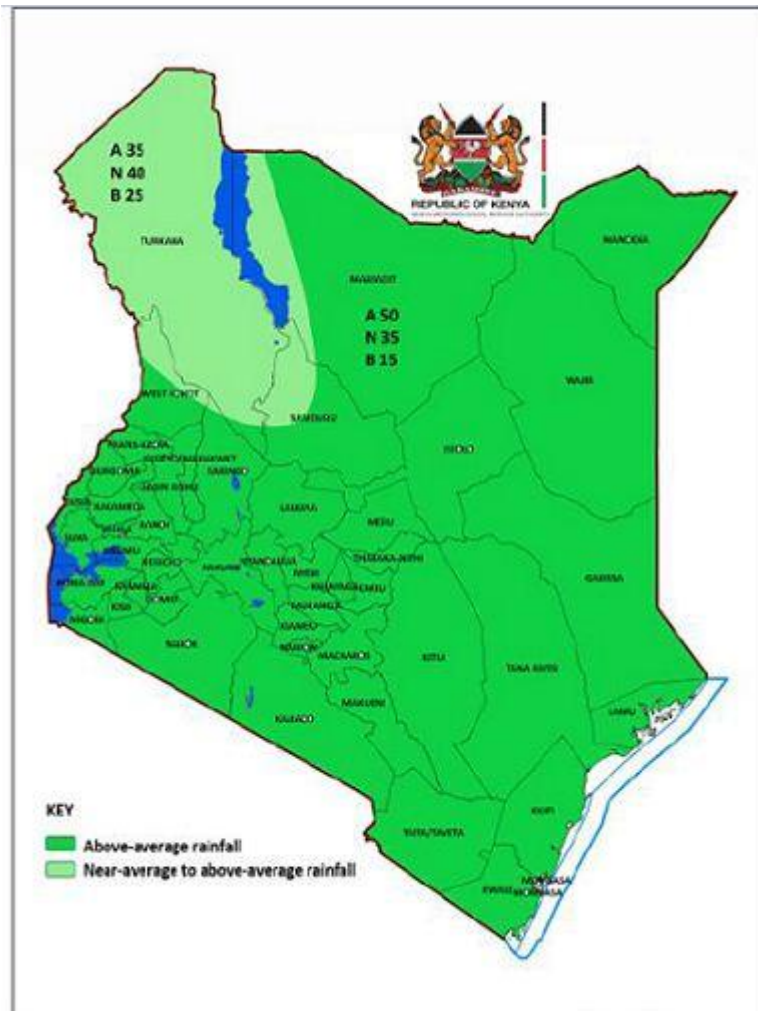


Figure 1: National Forecast Counties climate outlook forecast OND 2026



likely to receive lower cumulative amounts as compared to Highlands. Highlands are catchment areas for Turkwel basin which is the source of county seasonal and perennial rivers over Turkana County. Turkwel basin bring in a lot of water and sediments over Turkana county and this courses water level rise in Turkwel, Kachoda, Tarach, Kalawase, Kerio rivers and lake Turkana water back flow which impacts in level water rise and enhances and promotes the storage of more water in irrigation schemes reservoirs and which is used for irrigation farming activities during the dry spells in Katilu, Morulem and other irrigation schemes along these important rivers as well as recharging of Lodwar alluvial aquifer water table.

There is a probability of occurrence of both flash floods and riverine floods in the entire County due to expected normal rains in most of the wards. As a precaution measure, People living along the riverine and on the lowlands are advised to move to higher grounds to safeguard their properties and livelihoods. Crossing of swollen laggas by pedestrians and vehicles will be a risk exercise over the rainy season. People are advised not to shelter under trees and near grilled windows to minimize exposure to lightning strikes during the rainy season

Therefore, outmost care must be observed during the rainy season to safeguard life and livelihoods. The flood prone areas mostly likely to be impacted by both flash floods and riverine floods in all subcounties and wards are highlighted in bluish colour on figure 7 and 8 given below. Communities living and residing on aforementioned subcounties and wards are advised to be on the lookout and use the shared Turkwel basin and Turkana weekly downscaled county forecast for decision making and planning their activities over the course of the forecast periods. Both forecasts will shared to their preffered platforms on every week on Tuesdays and radio talk shows will be done on local fm (Radio Mata, Echami and Ekoyeon) stations at Lodwar, Lokichar and Kakuma towns. The activity shall be facilitated by Kenya Redcross and Bridges working group mandated to build climate resilience through strengthened communication across weather and climate information system (WCIS).

## **OUTLINE OF COUNTY RAINFALL OUTLOOK OND 2026**

The rainfall onsets and cessations dates in Turkana County are 3<sup>rd</sup> to 4<sup>th</sup> week of October and cessation 1<sup>st</sup> week of December 2026 respectively

The rainfall distribution both in time and space will be poor to fair over most areas of Turkana County. The peak of the rainfall season is likely to crop up in the month of November due to presence of inter tropical converge zone in the region (ITCZ) that is associated with warm humid air on its transit to the southern hemisphere

The county is likely to experience Near-average to Normal rainfall over several wards in the entire county as depicted on figure 1 above but the amount expected for each ward will vary from one ward to another ward due topography and altitude above the mean sea level.

The mean temperatures are expected to range from 20°C to over 30°C in the entire county. There is however, a 15% to 20% a chance of mild drought event over county after the cessation of seasonal episodes but this shall be minimal and impact insignificant though proactive measures ought to be put in place to cushion against it.

**Table2: EXPECTED ONSET AND CESSATION DATES**

| SUB-COUNTY       | ONSET                                              | CESSATION                        | DISTRIBUTION |
|------------------|----------------------------------------------------|----------------------------------|--------------|
| All sub-counties | 3 <sup>rd</sup> to 4 <sup>th</sup> week of October | 1 <sup>st</sup> week of December | Poor to Fair |

### **Rainfall Outlook for October-December 2026 “Short-Rains” Season**

The main driver of the rainfall season OND 2026 is the Elnino phenomena. According to the most recent update, the 2026 El Niño event continues to intensify across the central-eastern equatorial Pacific Ocean.

The Indian Ocean Dipole (IOD) is currently neutral. As of 23<sup>rd</sup> August 2026, the weekly IOD index stood at +0.17°C which is below the positive IOD threshold (+0.4°C). Sustained values above this threshold are required for eight consecutive weeks before a positive IOD event is considered established. The current IOD value is expected to increase in magnitude and surpass the threshold from September 2026 although some uncertainty remains regarding its timing and strength. The maximum predicted IOD value for the season is +0.7, which is closer to the level observed in 2015 than to those recorded in 2023 or 1997.

Flash floods and riverine swollen laggas will create movement and crossings dangerous for pedestrians, traffic, learners and livestock. Irrigation schemes and riverbank farms are at high risk of flooding, siltation and crops waterlogged. Drainage systems in the irrigations schemes ought to be cleared to ease flow of water passage along the canals. This early warning information is essential in management of risks in climate sensitive sectors over the entire county as well as harnessing opportunities presented by it. Climate smart decisions, planning, anticipatory action strategies and contingency response plans ought to be upscaled on areas depicted on figure 7 and 8 in the forecast seasonal maps likely to experience flash floods and riverine floods over the season to minimise incidences of loss of life and livelihoods.

Farmers are advised to consult local agriculture extension office for advice on how to plan farming activities in light of this useful climate information in order to maximize opportunities and mitigate uncertainties associated with the expected rainfall episodes over the entire county

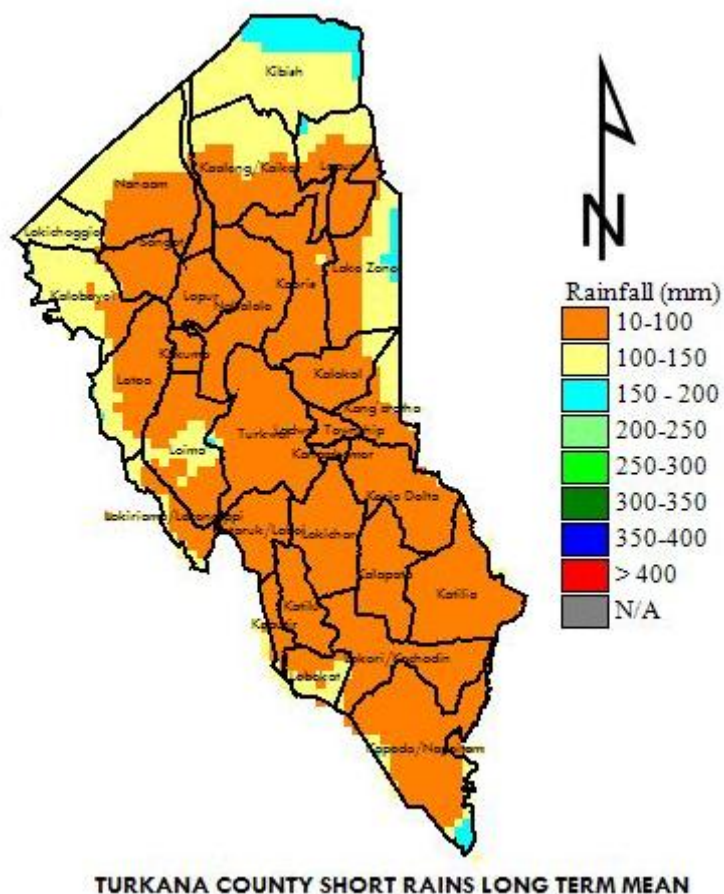


**Figure 3: Turkana County Short term average for October-December for 30 years (1991 to 2020)**

## CLIMATOROGY AND FORECAST RAINFALL COMPARISON OND2026

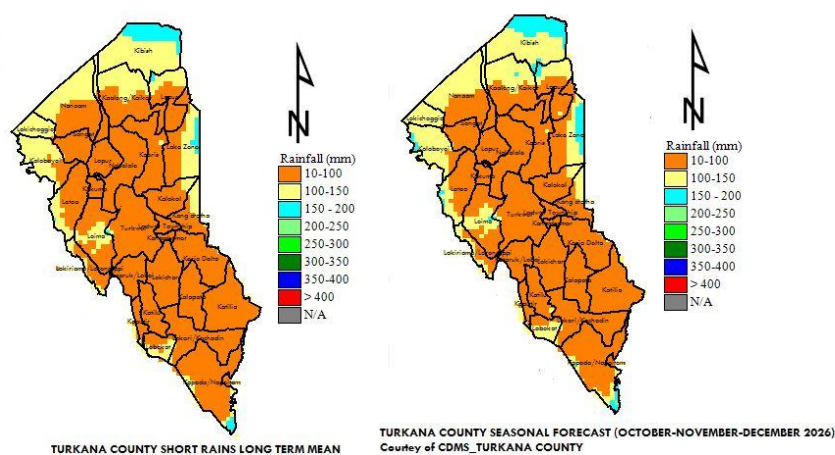


**Figure 4: Comparison between Climatology and Forecast Cumulative Rainfall**

## ITK FORECAST FOR OND2026



Figure 4: Seers examining the patterns of goat's entrails during PSP workshop at Lokiriama subcounty 22<sup>nd</sup> September 2026 (Activity was supported by: Samuel hall and DRC organizations)



Figure 5: Moran sieving blood to cleanse their body against evils

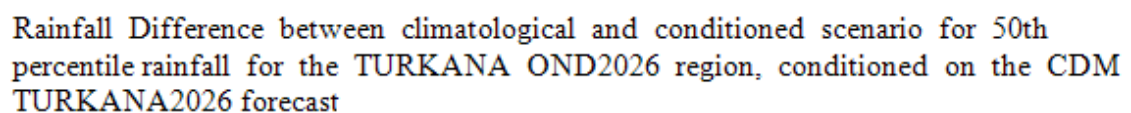
Analysis on Figure 1, 2, 3 and 4 illustrate high chances of normal rains over Turkana County during the **October- November-December** rainy season as depicted on the forecast maps from both the local and conventional forecast. The rainfall onset will commence on the former Turkana west subcounty and will spread over southern areas during the course of the rainy season. Seers gave their analogue year as 1992 where Indian Ocean dipole was at neutral condition. During that season, county recorded good rains which impacted in regeneration of pasture, browse and water over the county and this time around they certain and anticipating the same scenario will recur again. According to them, rainfall distribution both in time and space will be poor to fair and the peak of the season shall be realized in November which coincides with conventional forecast due to presence of inter tropical convergence zone (**ITCZ**) over the region.

### **CONVERGENCE BETWEEN ITK AND CONVENTIONAL FORECAST (OCT-DEC 2026)**

Table: 1

| <b>EPISODES</b>                  | <b>ITK (LOCAL FORECAST)</b>                         | <b>CONVENTIONAL FORECAST</b>                        | <b>CONVERGENCE</b> |
|----------------------------------|-----------------------------------------------------|-----------------------------------------------------|--------------------|
| Rainfall                         | Normal                                              | Normal                                              | ✓                  |
| Onset                            | October                                             | 3 <sup>rd</sup> to 4 <sup>th</sup> week of October  | ✓                  |
| Cessation                        | December                                            | 3 <sup>rd</sup> to 4 <sup>th</sup> week of December | ✓                  |
| Peak month                       | November                                            | November                                            | ✓                  |
| Distribution                     | Poor to Fair                                        | Poor to Fair                                        | ✓                  |
| Flash floods and Riverine floods | Occurrence of both flash floods and Riverine floods | Occurrence of both flash floods and Riverine floods | ✓                  |
| Amount                           | LTM (Normal)                                        | LTM (Normal)                                        | ✓                  |
| Migration                        | Internal                                            | Internal                                            | ✓                  |
| Diseases                         | Both Humans and Livestock                           | Both Humans and Livestock                           | ✓                  |
| Pasture ,Water and Browse        | Plenty of pasture, browse and water                 | Plenty of pasture, browse and water                 | ✓                  |
| Conflicts                        | Loya and Kainuk                                     | No. forecast                                        | No                 |
| Temperatures                     | Above average                                       | Above average                                       | ✓                  |
| Drought                          | No drought                                          | No drought                                          | ✓                  |

**Above table 1 summarises comparison between the local and conventional forecast in Turkana County during short rains season OND 2026.The compatibility was 93%**



The graph on figure 6 above displays the rainfall difference between the long term average and the forecast for October-December 2026 for the last for 30years (1991-2020)

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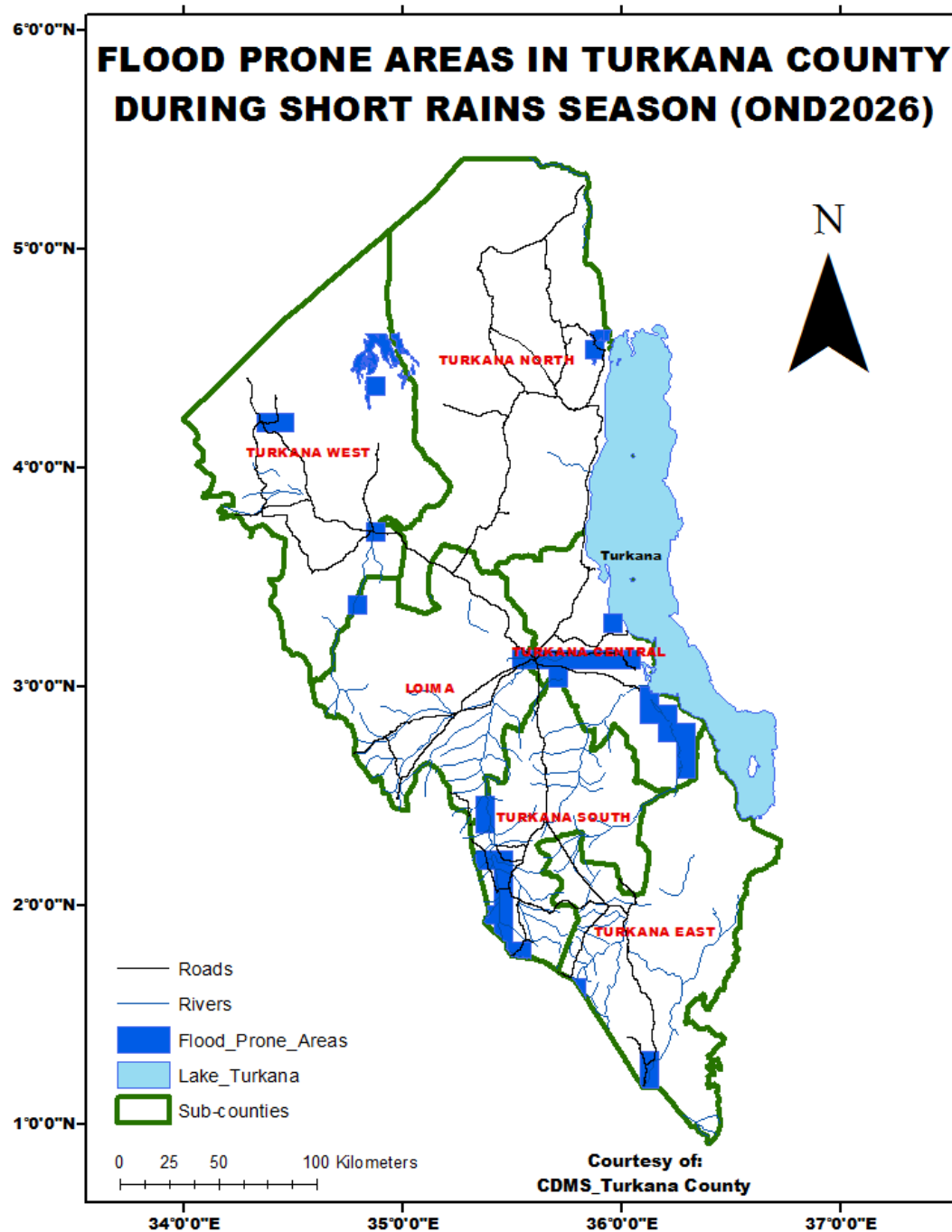


Figure 7: Flood prone subcounties over Turkana County

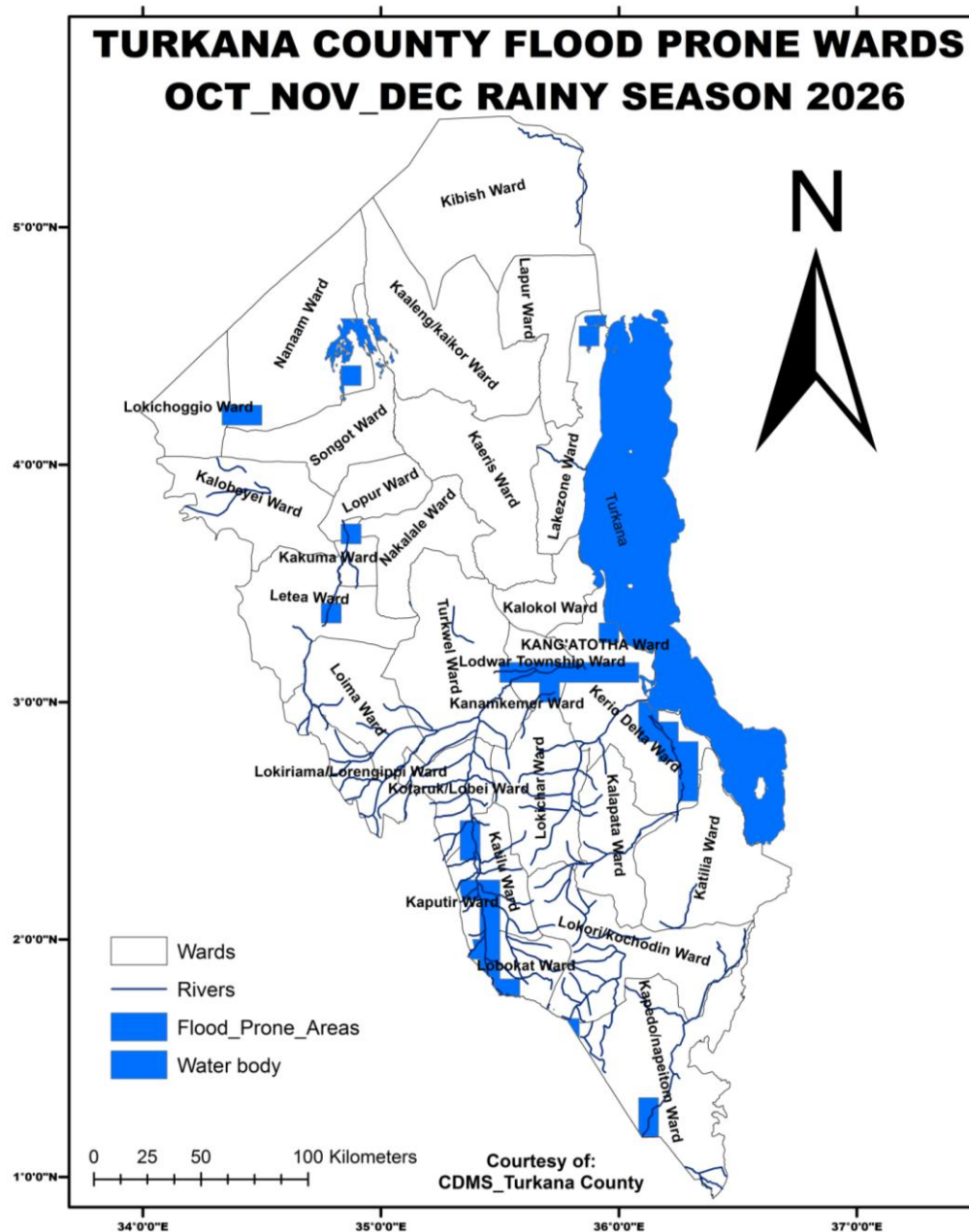


**Figure 8: Flood prone Wards**

The above **figure 8** show hot spot localities in **bluish** colours prone to rampant flash floods and riverine laggas over Turkana County. As a result of expected near to normal rains in the County, there is a likelihood of occurrence both flash floods and riverine floods and anticipatory actions ought to be upscaled by relevant authorities over the county to cushion and minimize the expected impact of heavy rainfall being driven by Elnino phenomenon and harness opportunities presented by it.

Following the conclusion of the participatory scenario planning workshop supported by **Samuel hall and Danish refugee council** Organizations (**PSP**), which is a multi-stakeholder approach that enables access to, and understanding and collective interpretation of seasonal climate forecasts and associated uncertainty into locally relevant information that is useful for decision making and planning in Lokiriamal subcounty on 22<sup>nd</sup> -23<sup>rd</sup> September 2026, Both ITK and KMSA point to **normal rainfall** over Turkana, with **poor to fair distribution** in space and time. For most of the county, **KMSA** gives a 40% chance of normal, 35% above-normal and 25% below-normal rainfall and small portion in Turkana

east subcounty (**Kapedo/Napeitom ward**) above-normal 50%, normal 35% and below normal 15% respectively and analogue year of forecast as 2015 while seers gave 1992 respectively.

There was 93% compatibility of the conventional and local forecast as depicted on table 1 above. Early warning information from both the conventional and local Forecast (ITK) ought to be disseminated and communicated urgently to reach the last mile person for immediate planning and management of risks as well as exploiting the opportunities presented by climate information for adaptation and resilient building in coping up with increasing uncertainties of climate risks over the entire county

Temperatures will be **above average**. A 15% to 20% mild drought is expected in the county as the season ceases. Pasture, browse and water should be plentiful, and migration is expected to be mainly **internal**. Diseases are expected in both **humans and livestock**.

## **SPECIFIC SECTOR AND LIVELIHOODS ADVISORIES FOR OCTOBER-DECEMBER 2026 (NORMAL RAINFALL)**

### Agriculture Sector

| <b>IMPLICATION On Sector</b> | <b>RAINFED FARMS-Farmer Messages</b>                                                                                                                                                                                                                                                                                                                                           | <b>IRRIGATED FARMS-Farmer messages</b>                                                                                                                                                                                                                                                                         | <b>Sector Messages</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Increased water availability | <ul style="list-style-type: none"> <li>-Timely land preparation for planting</li> <li>-Procure drought tolerant crops.</li> <li>-Plant early maturing crops by start of October 2026.</li> <li>-Repair of storage facilities</li> <li>- Access input subsidies for certified, early-maturing seeds.</li> <li>- Enlarge farming fields to plant more crops varieties</li> </ul> | <ul style="list-style-type: none"> <li>-Timely land preparation and procure certified seeds.</li> <li>-Harnessing of surface runoff for spate irrigation.</li> <li>-Repair of storage facilities</li> <li>- Open up canals and spillways</li> <li>-Clear prosopis encroaching irrigated farm fields</li> </ul> | <ul style="list-style-type: none"> <li>-Sensitize farmers on early land preparation, planting and preferred crop seeds for planting.</li> <li>-Support vulnerable farmers with subsidy seeds</li> <li>-Sensitize farmers to cultivate home gardens to boost household nutrition.</li> <li>-</li> <li>-Sensitize community on impending rainfall to enhance community resilience on climate risk and uncertainties</li> <li>- Seek technical advisories from extension officers</li> </ul> |
| Water logging in farmlands   | <ul style="list-style-type: none"> <li>-Divert or drain water from main rain fed farms.</li> <li>-Establish drainage trenches in the farms.</li> </ul>                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>-Adjust irrigation schedules, avoid watering crops during the season</li> <li>-Ensure that drainage canals and</li> </ul>                                                                                                                                               | <ul style="list-style-type: none"> <li>-Establish cut off drains and trenches to redirect excess water in farms to the rivers.</li> </ul>                                                                                                                                                                                                                                                                                                                                                 |

|                                               |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                       |                                                                                                                                                                                                                                                            |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |                                                                                                                                                                                                                                                                 | water conveyance channels in your irrigation Schemes are well-maintained & de-silted.<br>-Desilting of canals                                                                         |                                                                                                                                                                                                                                                            |
| Soil fertility loss through erosion           | -Repairing of water harvesting structures to reduce soil erosion<br>-Establish micro & small water harvesting structures-Zai pits, Deep/Chisel /Contour ploughing.<br>-Soil and water conservation measures (terraces, retention ditches, water spreading bund) | -Slow down water movement in furrow by having check bunds and ensure basins are well leveled<br>-Avoid ploughing 30m from the river banks.<br>-Plant fruit trees on the riparian area | -Support soil testing/ analysis & soil health management.<br>-Support water harvesting of run offs for crop production.<br>Soil and water conservation measures (terraces, retention ditches, water spreading bund                                         |
| Irrigation scheme infrastructure damage       |                                                                                                                                                                                                                                                                 | -Activate already established horticultural demonstration farms for planting                                                                                                          | -Rehabilitation of irrigation schemes infrastructures in rain fed areas (intake gates, division boxes gates) in parts of Turkana south, Loima and west to minimize the speed of surface runoff along the fields for crop production e.g. trapezoidal bunds |
| Disruption of food supply chain               | -Community to purchase and stock enough cereals/pulse to last 3 months.                                                                                                                                                                                         | -Community to purchase and stock enough cereals/pulses to last 3 months.                                                                                                              | -Sensitize businesses around the lake and areas that are flood prone like Nasinyono,Kerio delta and Kalokol ward to stock enough cereals/pulse<br>-Sensitize community living along on the lake shores on dangers fronted by lake water backflow           |
| Increased prevalence of crop pests & Diseases | -Monitor crops closely and apply appropriate pest /disease control using both chemical and biological control measures.<br>-Farmers are advised to do Surveillance and reporting of any cases                                                                   | -Monitor crops closely and apply appropriate pest /disease control using both chemical and biological control measures<br>-Farmers are advised to do                                  | -Sensitize agro-dealers to strategically stock pesticides & fungicides associated with high humidity.<br>-Support in pest & disease diagnosis & mgt.<br>-Activate migratory pest's surveillance scouts/teams.                                              |

|                                                                  |                                                                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                  | of pests and diseases to the nearest agricultural offices.                                                                                                         | Surveillance and reporting of any cases of pests and diseases to the nearest agricultural offices                                                                                     |                                                                                                                                                                                                                                                                                                                                                                 |
| Increased yields                                                 | <ul style="list-style-type: none"> <li>-Sale the surplus crop produce to generate income.</li> <li>-Properly dry the cereals/pulses and store properly.</li> </ul> | <ul style="list-style-type: none"> <li>-Sale the surplus crop produced</li> <li>-Preserve the vegetables.</li> <li>-Properly dry the cereals/pulses and store properly.</li> </ul>    | <ul style="list-style-type: none"> <li>-Sensitize on proper post-harvest, handling, food preservation and value addition.</li> <li>-Support repair of storage facilities and support with storage equipment e.g. tauplins and pallets</li> <li>-Sensitize farmers on good crop husbandry e.g. timely weeding, top dressing, pest and disease control</li> </ul> |
| Opportunities for Increased acreage under rainfed and irrigation | -Farmers on the rainfed localities are advised to increase fields under cultivation to enhance harvests                                                            | -Farmers on the irrigated farmlands are advised to enlarge their acreage under irrigation for diversification and improve crop outputs                                                | - Farmers are encouraged to increase the land meant for crop production in the coming season                                                                                                                                                                                                                                                                    |
| Displacement of farmers                                          | -Move to higher grounds for safety                                                                                                                                 | -Move to higher grounds for safety                                                                                                                                                    | <ul style="list-style-type: none"> <li>-Sensitize farmers in flood prone areas to move to higher grounds for safety and protection of livelihoods</li> <li>- Open up canals and spillways</li> </ul>                                                                                                                                                            |
| Loss of farm implements and equipment                            | -Ensure proper storage of implements and equipment                                                                                                                 | -Ensure proper storage of implements and equipment                                                                                                                                    | Ensure store facilities for farm implements and equipment are 30m from river banks                                                                                                                                                                                                                                                                              |
| Post-harvest losses for already matured crops.                   | -Improve storage of farm produce to reduce post-harvest losses due to excess rainfall                                                                              | <ul style="list-style-type: none"> <li>-Timely harvesting of already matured crop.</li> <li>Ensure proper post-harvest handling</li> <li>-Ensure Proper drying and storage</li> </ul> | <ul style="list-style-type: none"> <li>-Harvest during dry spell (no rains) to avoid losses</li> <li>-Post-harvesting handling and storage by use of air tight bags and containers and use of dust chemicals</li> </ul>                                                                                                                                         |

## Livestock sector

### Potential impact of OND 2026 on the Sector

- Minimum migration of livestock in search of green forages and water
- Floods along riverine areas and Laggas and weather variation- resulting to livestock deaths
- Uneven distribution of pasture and browse growth as results of poor to fair rains distribution both in time and space
- Presence of Livestock diseases
- Good livestock body conditions
- Destruction of livestock water sources
- Rangeland degradation as results of soil erosion
- Availability of pasture, browse and water for the livestock
- Increased in milk production Increased in kidding, lambing and calving in livestock/high breeding

## Advisories

### Sector/ Partner Advisories

- Strengthen community livestock grazing/rangeland management committees to practice organized grazing patterns.
- Enhanced livestock disease surveillance for RVF & other priority zoonotic diseases and animal health to Vet Dept
- Procurement and prepositioning of essential veterinary supplies at the hotspot wards
- County Government Directorate of Veterinary Services to stock and preposition drugs and vaccines for common animal diseases.
- County Government Directorate of Veterinary Services in partnership with Development actors to treat, vaccinate and deworm animals against common diseases such as Contiguous Bovine Pleuro Pneumonia (CBPP), Contagious Caprine Pleuro Pneumonia (CCPP), Camel pox, Sheep/goat pox.
- County Directorate of Livestock production to carry out rangeland reseeding in partnership with development partners along the hills

### Community Advisory

- **Sensitise communities** on the El Niño/flood prediction, using ITK, through public barazas and FM radio in the County
- Prepare land for pasture production.** Build water harvesting structures (zai pits, half-moons, A-frames), and carry out selective bush clearing and fencing following climate-smart agriculture (CSA) practice
- Livestock keepers are advised to move to safer grounds from laggas and flood prone areas such as in Lokichogio, Nanam, Nasinyono, Lodwar, Kerio, Katilu and Letea among other areas mentioned on figure7
- Deworm animals
- Communities to be encouraged to carry out commercial livestock restocking
- Communities to embrace livestock insurance. Service providers to also be encouraged to market their policies
- Enhance livelihood diversification
- Implement 'One Health approach'
- Report immediately occurrence of livestock diseases.
- Pastoral communities through Rangeland Management Committees to practice deferred/reserved grazing on the hills and ranges of Loima, Moruedou, Loru, Pelekech, Lokiriama/Lorengippi
- Pasture producers groups and crop farmers to conserve fodder (hay grass and pods) and crop residues in Naremetio, Pelekech, Turkwel, Namakat, Nadapal, Naotin
- Pastoral communities to participate in peace building dialogue

|  |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>meetings in conflict hotspot areas identified; Lorengippi/Lokirima, Nakitong, Nawontos, Kaputir, Lokwamosing and Lopii</p> <p>-Community to take livestock for vaccination, treatment and slaughter centers</p> <p>-Adopt and own grazing management systems</p> <p>-Strengthen peace dialogue forums within and with neighbouring communities</p> <p>Strengthen ITK information-sharing in the community</p> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Water Sector

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Availability of surface and roof run off                        | <p>Procure and install water harvesting structures especially in institutions.</p> <p>Conduct desilting of water harvesting structures e.g. water pans, dams, rock dams etc</p>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| High possibility of water infrastructure damage                 | <p>-Alternative water sources should be drilled in case of damage</p> <p>-Rehabilitate and desilting of earth-dams, sand dams and water pans</p> <p>-Protection of water infrastructures</p>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| High recharge level of water sources; (underground and surface) | <p>-Ensure all storage tanks are in good condition and carry out water harvesting during the rainy season</p> <p>-Procure fast moving spare parts</p> <p>-Procure, distribute and install water storage tanks</p>                                                                                                                                                                                                                                                                                                                                                                                                 |
| Spread of water borne diseases                                  | <p>Ensure all water sources are functional to avoid using flood water that might be contaminated hence causing water borne diseases.</p> <p>Sensitization of communities on benefits of strictly drawing water from protected water sources like boreholes.</p> <p>Public health department to ensure availability of water treatment chemicals in all facilities.</p> <p>-Treatment of piped drinking water at storage tanks to prevent water borne diseases. (Boiling and chlorination using Aquatabs, PUR, etc</p> <p>-Create awareness and sensitization of communities on proper water hygiene practices</p> |
| Instant ceasing of pumps due to excess water and silt           | <p>-Procure and stock fast moving spare parts.</p> <p>-Activate and equip the BRRT with necessary tools and equipment's</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### Community advisories

**Possible impact:** Floods may displace people, close some schools, disrupt health care, and cause outbreaks of human and livestock diseases and food shortages. Cattle rustling and loss of lives are also possible

- **Create awareness** of the forecast in every village and listen to local radios on rainfall updates
- **Relocate to raised grounds** if your homestead is in a lowland, riverbank or lagga area.
- **Repair damaged houses** before the rains start.
- **Buy enough food stock** for the household.
- **Rehabilitate degraded areas.**

#### Actions during the season:

- **Do not cross flowing rivers** or laggas, and do not stay under trees and grilled doors and windows during

thunderstorms.

- **Wear shoes (Akala)** during the rainy season
- **Redirect surface runoff from homesteads**
- Build **gabions** and deepen and extend the **water piping system**.
- Provide **emergency relief food** and **medical supplies** for people and livestock where needed.
- **Preserve wild fruits** for future use

-Practice proper water hygiene at household levels and encourage regular hand washing

-Clear drainage systems and water ways to allow continuous flow of surface run off around homesteads.

-Communities to observe any possible weak points and leakages of water pans/dam's embankment and immediately report to relevant authorities.

-Communities are encouraged to take advantage of the current rains to plant trees and pasture for catchment protection.

-Households and institutions are advised to maximize on roof water harvesting and ensure regular cleaning of the systems.

- Communities, institutions and partners encouraged to invest in roof water catchment infrastructures

-Ensure that children do not litter the water point environs.

-Ensure Proper water usage to avoid flooding at the water points

## Health Sector

### Potential impact of OND 2026 on the Sector

**Possible impact:** Rains will increase **water- and vector-borne diseases** such as malaria and cholera, and cold weather will raise **pneumonia and respiratory infections**. Runoff may **contaminate and destroy water sources**. Health facilities may be damaged, ambulances delayed by mud and flooded rivers, and emergency cases may rise, including drownings, insect bites and gunshot wounds from conflict

### Immediate actions for communities (1–4 weeks):

- **Sleep under mosquito nets** every night.
- **Treat drinking water** by boiling or using water treatment chemicals, and **wash hands** regularly.
- **Stop open defecation**, burn litter at household level, and **drain stagnant water** around homesteads.
- **Seek health care early** when sick.
- Keep **children indoors and in warm clothes** during cold and rain to prevent pneumonia.
- **Stock enough water and food** to prevent malnutrition.

Use **functional taps**, not contaminated rainwater

### Immediate actions for health and water services (1–4 weeks):

- **Intensify health promotion**, including malaria and cholera prevention messages, and messaging for school children on WASH, floods and cold.
- **Strengthen community disease reporting** by Community Health Promoters (CHPs).
- Ensure **enough health workers** at facilities and **stockpile medicines** (ORS, IV fluids, antibiotics, antimalarials).
- **Intensify IDSR** and train health workers on outbreak management.

|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• <b>Preposition emergency supplies</b> (medical items and NFIs) in flood-prone areas, and enhance laboratory capacity for outbreak confirmation.</li> <li>• <b>Activate referral systems</b> so ambulances are available.</li> <li>• Ensure <b>RUSF and RUTF</b> are available to manage malnutrition, and run emergency</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Health Facilities overstretched due to high demand for health and nutrition services – as results of diseases upsurge e.g Malaria, URTI and diarrhea cases                                                                                                                                                                                                                  | <p>MOH to intensify prepositioning of health products such as drugs and nutrition commodities.</p> <ul style="list-style-type: none"> <li>-The regional warehouses to stock the drugs and LLITNs</li> <li>The community and HHs to be sensitized on preventive measures including sleeping under insecticide treated nets</li> <li>-Regularly drain off stagnant water and clear bushes around the homestead to reduce breeding of mosquitoes.</li> <li>-CHVs to intensify home visits and messaging on hygiene practices (use of latrines), water treatment and regular hand washing, before eating, after visiting toilet/latrine, before breastfeeding and after changing babies' nappies to prevent diseases</li> <li>-Encourage continuous and regular health check-up and seeking of health services for those with signs of illnesses such as fever, diarrhea etc</li> <li>-Ensure Community Maintain latrine use and personal hygiene</li> </ul> |
| Access to health services is negatively affected- few people show up for health and nutrition services as results infrastructure damage in flood hotspot areas                                                                                                                                                                                                              | <p>The county to put measures in place to mitigate effects caused by flooding.</p> <ul style="list-style-type: none"> <li>-MOH support outreaches in affected areas and carry out continuous disease surveillance during the rainy season to ensure continuous access of health services.</li> <li>-All household to stock enough food for health and nutritional household needs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reduced health seeking due to competing priorities                                                                                                                                                                                                                                                                                                                          | -CHVs to accelerate key messaging on Hygiene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Displacement and migration; disruption of routine immunization services                                                                                                                                                                                                                                                                                                     | -ANC and post-natal mothers to comply with clinic immunization schedules and adhere to exclusive breastfeeding of babies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Likelihood of spread and increased health complications as results of shortage of supplies                                                                                                                                                                                                                                                                                  | <p>-MOH to intensify prepositioning of health products such as drugs</p> <p>-The community and HHs to be sensitized on water born diseases, prevention and treatment by the CHPs</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Increased water-borne diseases such as cholera resulting from latrines damage, open defecation etc                                                                                                                                                                                                                                                                          | <p>-MOH to continue health Education across the areas</p> <p>CHPs to sensitize communities' and households on the need to build durable pit latrines</p> <p>-In case of any disease outbreak, communities should report to the nearest health facility for immediate action</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Poor child care practices leading to malnutrition among the under-fives –                                                                                                                                                                                                                                                                                                   | -Need to create a balance between making a living and ensuring good child care practices are adopted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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| this can be due to competing activities in farms                                                      |                                                                                           |
| Negative WASH indicator performance leading to consumption of contaminated water, high diarrhea cases | -CHPs to intensify home visits and messaging on hygiene, water treatment and hand washing |
| MOH ensure preposition of Adequate supply of water treatment products e.g purr                        | -Treat water all the time to prevent water borne diseases e.g diarrhea, Cholera           |
| Disruption of health services (facilities cut off, drug shortages).                                   | - Report any suspected disease outbreak early                                             |

## Education Sector

|                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p>Implications</p> <p>Physical impacts</p> <ul style="list-style-type: none"> <li>-Flooding of classrooms and playgrounds</li> <li>-Leaking classrooms, submerging of latrines</li> <li>-Strong wind blowing off the roofs</li> <li>-Formation of gully's in school compounds</li> <li>-destruction of roads leading to schools</li> <li>-destruction of solar panels</li> </ul> | <p>Sector Advisories</p> <p>Assessment and Reinforcement of weak buildings,</p> <ul style="list-style-type: none"> <li>-Rechanneling of water ways</li> <li>-Construction of gabions</li> <li>-enhance water harvesting systems,</li> <li>-Planting of trees within the compound,</li> <li>-Cordoning off possible risk areas</li> <li>-Unclogging stagnant water around school compound</li> </ul> | <p>Community Advisories</p> <ul style="list-style-type: none"> <li>-Parents to accompany learners to school during rainy days.</li> <li>-Parents to provide protective clothing and shoes</li> <li>-Parents to prevent children from playing outside when raining.</li> <li>-Local administrators to share weather forecast with BOM and community.</li> <li>-Child protection to be enhanced by elders and law enforcers</li> </ul>                                 |
| <p>Curriculum implementation</p> <ul style="list-style-type: none"> <li>-Absenteeism will increase among learners</li> <li>-Minimal teacher contacts hours</li> <li>-Destruction of learning materials e.g text books to floods.</li> </ul>                                                                                                                                       | <p>Sector Advisories</p> <ul style="list-style-type: none"> <li>-Schools to compensate time lost during rainy days through extra classes</li> <li>-Learning materials to be stored in protected areas</li> </ul>                                                                                                                                                                                    | <p>Community Advisories</p> <ul style="list-style-type: none"> <li>-Community or Household leaving near the lake to move away from the lake.</li> <li>-Early warning messages be done in local media available</li> <li>-Community and implementing agency to ensure availability of stand by boats around flooded areas. enhance safety</li> </ul>                                                                                                                  |
| <p>Student welfare</p> <ul style="list-style-type: none"> <li>-SMP distribution will be affected due Inaccessibility of roads</li> <li>-Inadequate food may lead to closure of schools</li> <li>-outbreak of water borne related diseases</li> </ul>                                                                                                                              | <p>Sector Advisories</p> <ul style="list-style-type: none"> <li>-Schools to plan for safety drills to prepare students before onset of rains</li> <li>-Students to be cautioned not to cross or swim in flooded rivers and pools</li> <li>-Adequate food to be distributed before the onset</li> <li>-Clearing of vegetation around</li> </ul>                                                      | <p>Community Advisories</p> <ul style="list-style-type: none"> <li>-Parents to observe safety guidelines when sending children to school during rainy days</li> <li>-Sensitization of parents on low enrollment in school through public barazas</li> <li>-Parents to maintain maximum hygiene at home for the pupils</li> <li>• Plant trees during the rainy season</li> <li>• Construct learning structures</li> <li>• Disseminate advisory information</li> </ul> |

|  |                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                          |
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|  | school compound and fumigate the school to control mosquitoes<br>-Observation of good hygiene and sanitation practices hand washing facilities<br>-Students to be advised to wear shoes to avoid being electrocuted by lightening.<br>-Pupils should be advised not play within the lake area.<br>-Pupils advised to wear heavy clothes during rainy season to avoid coldness | <ul style="list-style-type: none"> <li>Rehabilitate and repair their own homes</li> </ul> Provide sweaters to protect learners from cold |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

## Peace and Security

### Potential impact of OND 2026 on the Sector

**Forecast:** ITK flagged **Loya and Kainuk** as likely conflict areas this season. KMSA expects good pasture and water to **reduce resource-based conflict** and keep migration mainly internal. Livestock theft and disputes over shared water and pasture remain the main threats.

#### Actions:

- Follow **resource-sharing by-laws** and agreed **grazing management plans**.
- Take part in **community peace dialogues** with the Tepeth, Pokot and Turkana, and in **cross-border peace dialogues** with the Bokora, Matheniko and Jie.
- Strengthen **peace dialogue forums** within the community and with neighbouring communities.

|                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                                                                                         |
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| Implications<br>Reduced in-Migrations and increased Intra-migrations | Sector advisory<br>-Community sensitization on rotational grazing patterns and safety practices<br>-Organize inter-county and cross border peace dialogues<br>Increase number of NPRs                                                | Community Advisory<br>-Alert authorities incase of increased migration from neighboring counties/countries and any other suspicious movements.<br>-Pastoralist to Enhance vigilance on security matters |
| Expected reduction of raids cases internally                         | -Peace committees to monitor and report security incidences<br>-Regular operations along Turkana East and Aroo sub counties to security incidences<br>-Provision of security escorts to public and consignments of humanitarian aids | -Pastoralist to move away from conflict prone areas.<br>along Aroo, T. East sub county hot spots areas and East of River Kerio                                                                          |

|                                                 |                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
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| Challenges of access and response to incidences | -Monitor security incidences remotely using the available peace structures                                                                                                                                                                                                                                                                                  | -Report incidences of raids to local administration for ease of escalation |
| <b>Food and Safety Net</b>                      |                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
| IMPLICATION<br>Human Displacement               | ADVISORY<br>-Relocate to higher grounds for safety and protection of livelihoods<br>-Identify safe evacuation routes, which can be used on foot and other forms of transport available.                                                                                                                                                                     | ACTORS<br>Community                                                        |
|                                                 | -Update mapped flash floods prone areas and share information to all stakeholders<br>-Identify temporary relocation camps                                                                                                                                                                                                                                   | Sector                                                                     |
| Infrastructure damage                           | -Redirect water away from homes and other household structures                                                                                                                                                                                                                                                                                              | Community                                                                  |
|                                                 | -Unblock drainage system prior to floods in urban areas                                                                                                                                                                                                                                                                                                     | Sector                                                                     |
| Loss of lives (human and livestock)             | -Avoid crossing, swimming and driving through flooded rivers and streams<br>-Avoid crossing water-covered roads or bridges<br>-Avoid touching electrical items exposed to wet or water that is in contact with electrical appliances<br>-Open windows of submerged vehicles for escapes<br>-Initiate coordination and emergency response strategies         | Community                                                                  |
| Loss of lives (human and livestock)             | -Sensitization and re-activation of DRM structures like DRM committees and climate change committees at sub-county, ward and village levels<br>-Continuous update and timely dissemination of weather forecasts information to communities and relevant partners<br>-Contingency plans preparation and activation<br>-Provide hotline Numbers for reporting | Sector                                                                     |
| Loss of property/livelihood assets              | -Practicing better food storage practices                                                                                                                                                                                                                                                                                                                   | Community                                                                  |
|                                                 | -Preposition NFIs and food items<br>-Upscale Anticipatory cash transfers programs<br>-Activate Rapid response teams<br>-Establish Situational room for timely information sharing                                                                                                                                                                           | Sector                                                                     |

## Fishing sector

Potential impact of OND 2025 on the Sector

- Lake level rise resulting to lake back flow
- Deposition of sediments, debris and nutrients in the lake
- Heavy rains and strong winds hindering fishing during the day
- Increased fish production due to plenty of nutrients and planktons in the lake
- Increased fish catchment by the fisherforks
- Increased supply of fish in the local markets impacting price reduction

### Advisories

#### Sector/ Partner Advisories

- Awareness creation of fishermen on lake status during long rainy season
- Expand preservation and storage facilities
- Rescue units are advised to be on alert mode incase of emergency
- Unblock drainage systems at Lodwar fish market
- Discourage fishing on the breeding sites around Ferguson gulf
- Control over fishing during the rainy season
- Enhance lake patrols during the day and night to maintain security of fisherforks
- Enforce fishing regulations at fishing sites as well as in the Lodwar fish market

#### Community Advisory

- Avoid fishing during windy or rainy occasions
- Avoid fishing during windy or rainy occasions
- Wear life jackets while fishing
- Ensure adequate hygiene measures in equipment and at landing beaches
- Observe personal hygiene and wear aprons when handling fish
- Cover flied fish on sale with polythene papers to avoid dust
- Be keen on the weekly early warning information released by KMD every Tuesdays and put proactive measures in advance

## Stay updated

This forecast should be used as guidance in advance planning and preparedness by decision- makers and public in various climate sensitive sectors and should be used in conjunction with 24- hour, 5- day, 7-day and monthly forecast and regular updates issued by Kenya Meteorological Department

For further information, please contact:  
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You can as well find more information about weather and climate in Kenya on the KMD website [\*\*\*http://www.meteo.go.ke\*\*\*](http://www.meteo.go.ke)