

# Food Security Cluster Coordination Meeting Hiran Region

**12-September-2023**

# Agenda

1. Introduction
2. Review of Action Points from Previous Meeting
3. Rainfall and Weather Update in Hiran Region (El-Nino Projections) – FAO SWALIM
4. Food Security Programme in Hiran Region – ACF
5. Partner updates (El-Nino preparedness, challenges, and gaps)
6. AOB

# Introductions and Opening Remarks

# Review of previous meeting's action points

- Ibrahim from WFP to follow up on the matter of scope card issues, understanding the urgency for beneficiaries to receive their entitlements in July. He will provide an update on the progress made during the next meeting of the Hiran Food Security Cluster. – **PENDING**
- As agreed, ACTION AGAINST HUNGER will present food security activities in Hiran region September 2023 as planned. – **TODAY**
- Partners to coordinate with the FCS before they start implementation to overcome resource overlap/duplication. – **ONGOING**

Rainfall and Weather  
Update in Hiran Region (El-  
Nino Projections) – FAO  
SWALIM



Food and Agriculture Organization  
of the United Nations



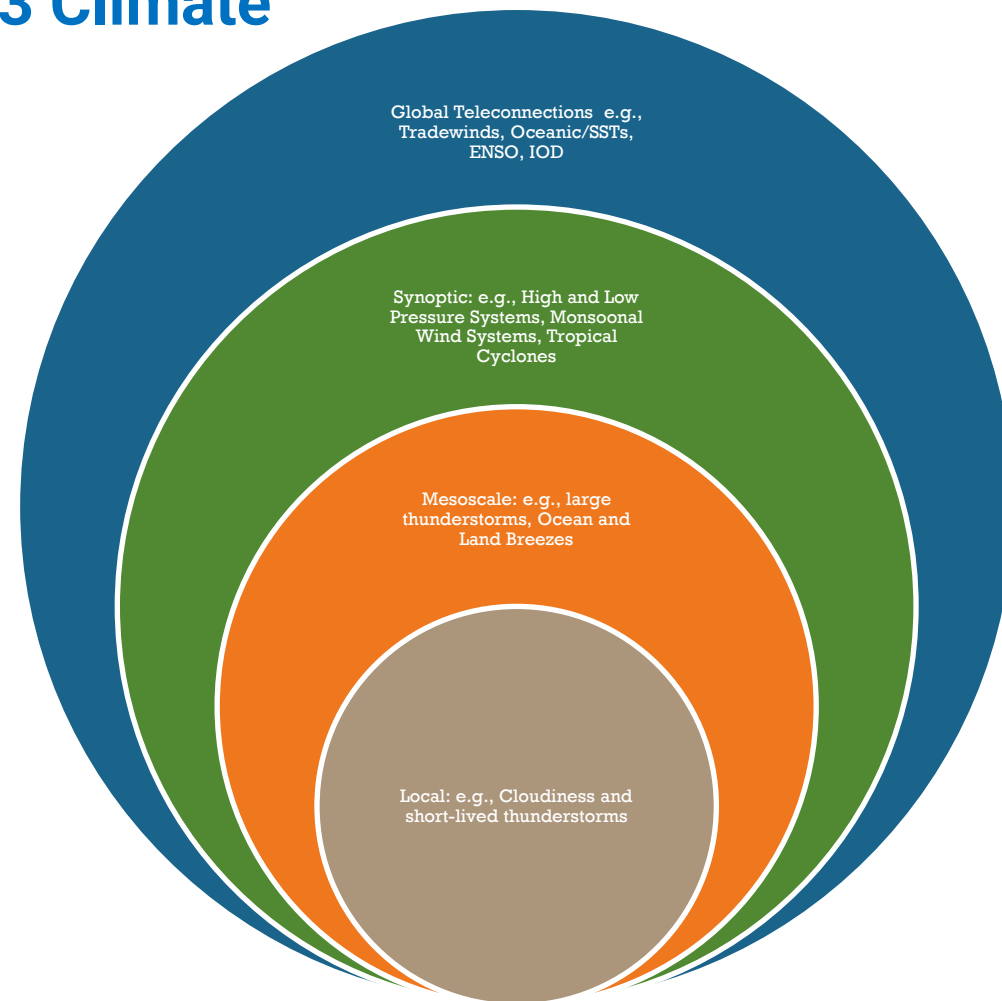
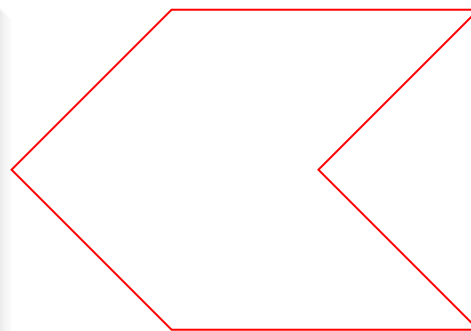
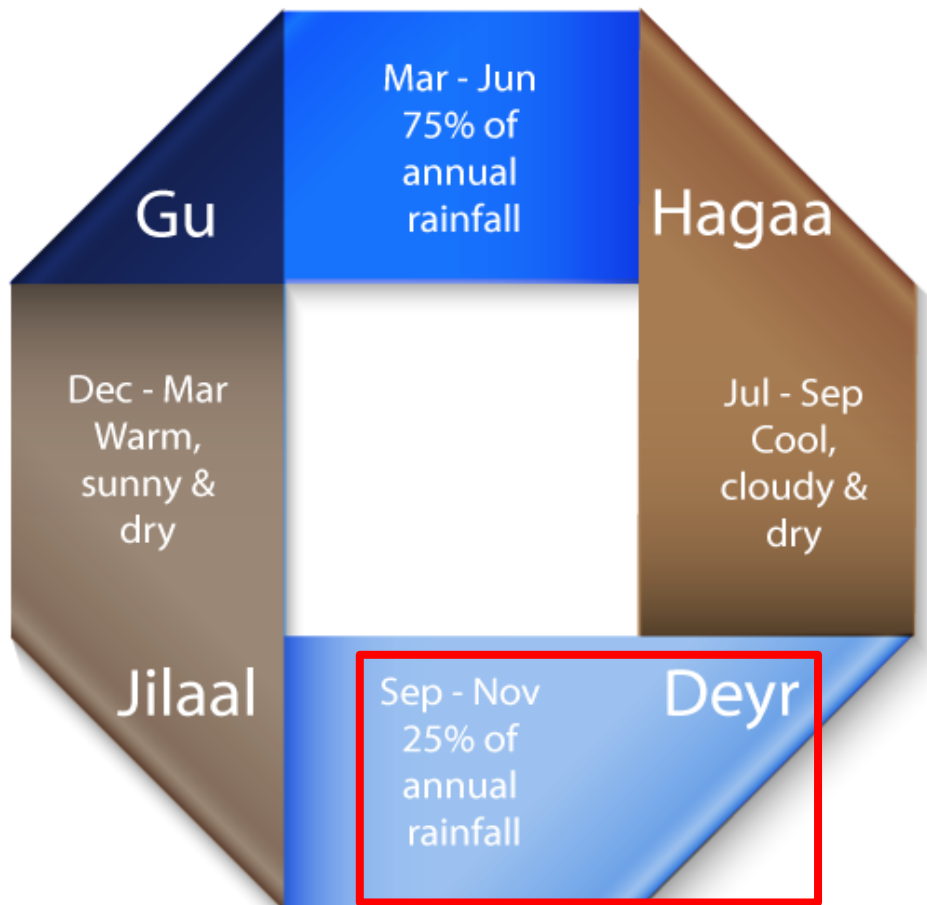
# **El Niño Projection: Deyr 2023 Climate Outlook and Implications on Livelihoods and Programming**

Hiran Regional Food Security Cluster Coordination  
Meeting

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**Bethwel K. Mutai**  
Meteorologist, FAO SOMALIA- SWALIM

## What is the Status and Evolution of the Systems; and the Deyr 2023 Climate Outlook?





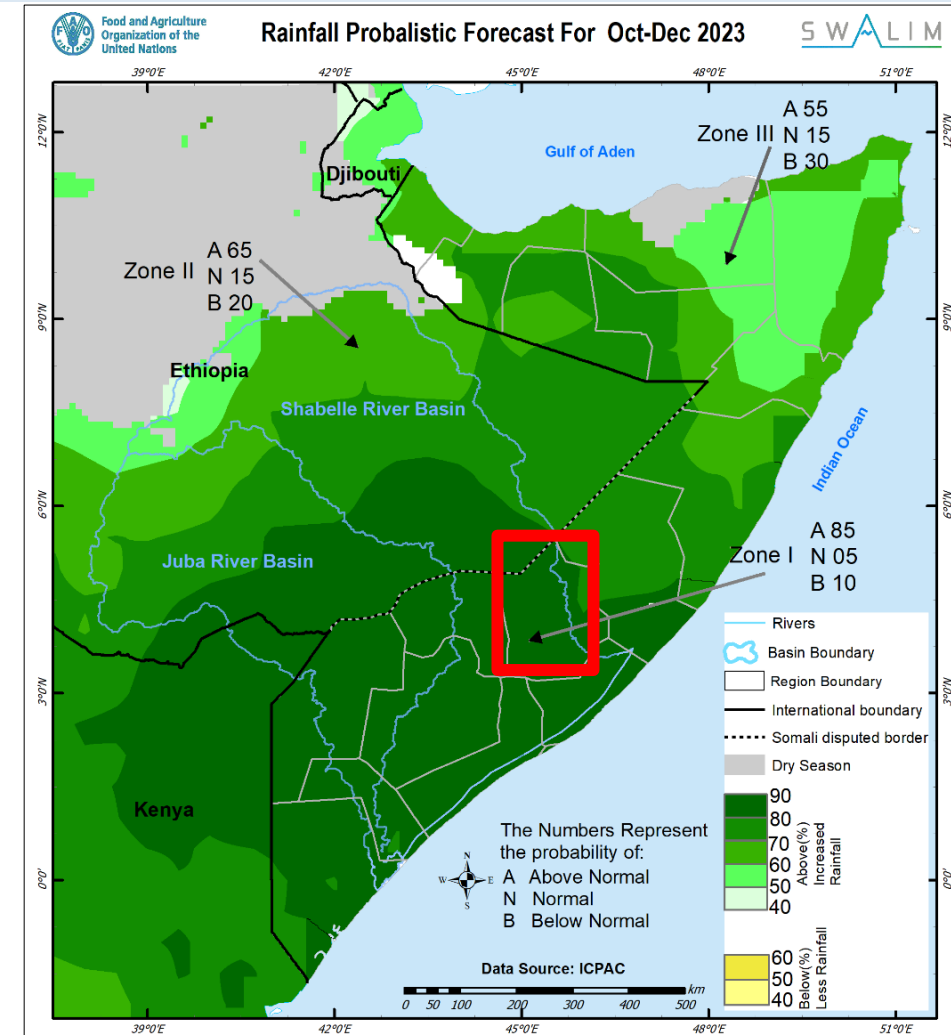
## ***Status and Evolution of Drivers of the Deyr 2023 Weather and Climate***

- Given the recent evolution of warmer than average **SSTs** over the central and eastern equatorial Pacific Ocean, most global climate models have confirmed the **presence and persistence of El Niño** conditions throughout the Deyr 2023 season
- Moreover, similar warming of ocean waters near the East African coastline, together with cooling down of the waters near the western Australian coastline, which technically defines a **positive Indian Ocean Dipole (IOD)**, is expected to lead to above normal rains over most parts of East Africa.
- Somalia's *Deyr* (October - December) "short rains" season is associated with the somewhat-faster southward movement of the **Inter-Tropical Convergence Zone (ITCZ)** which dictates much of the country's climate.

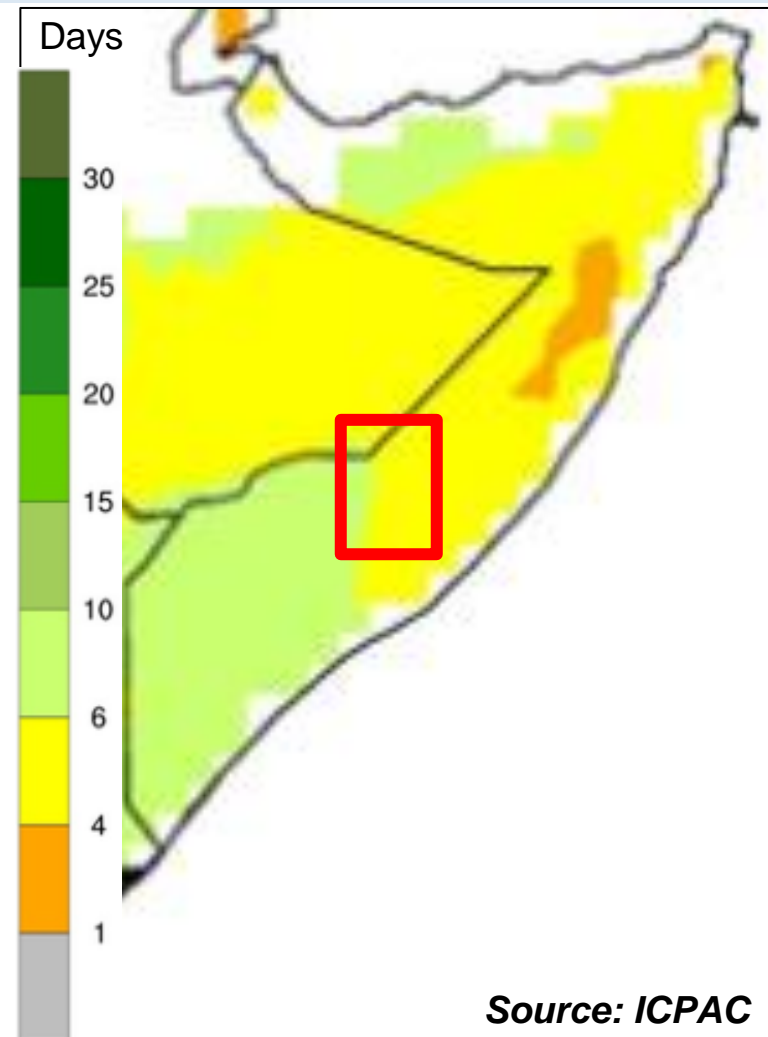
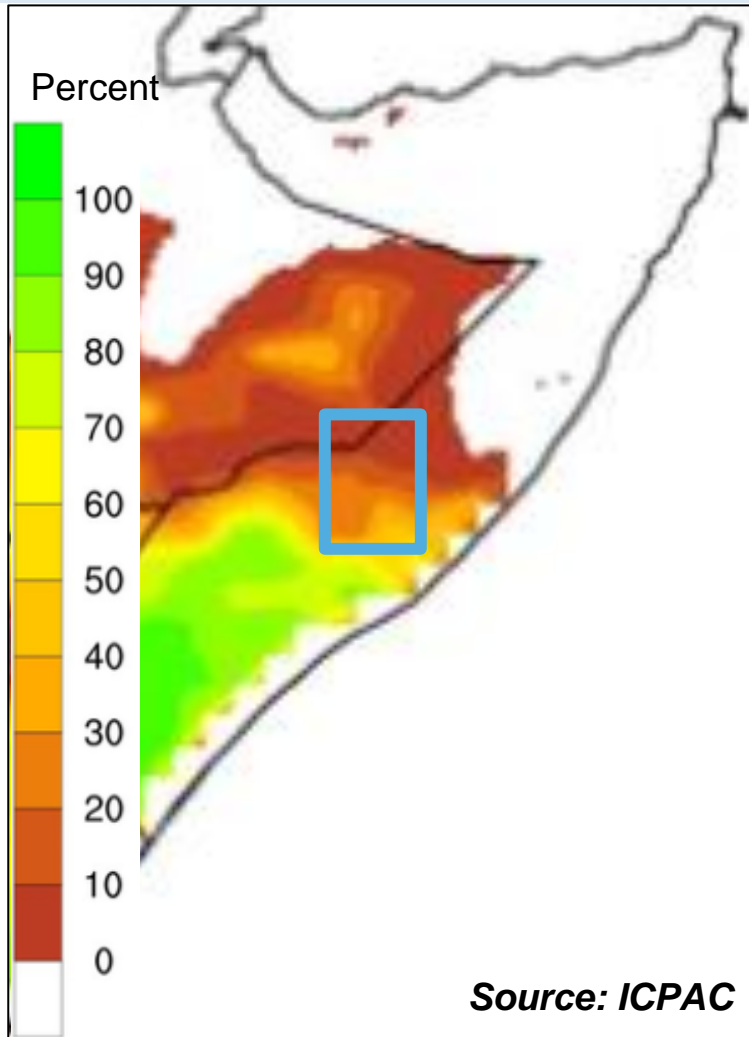
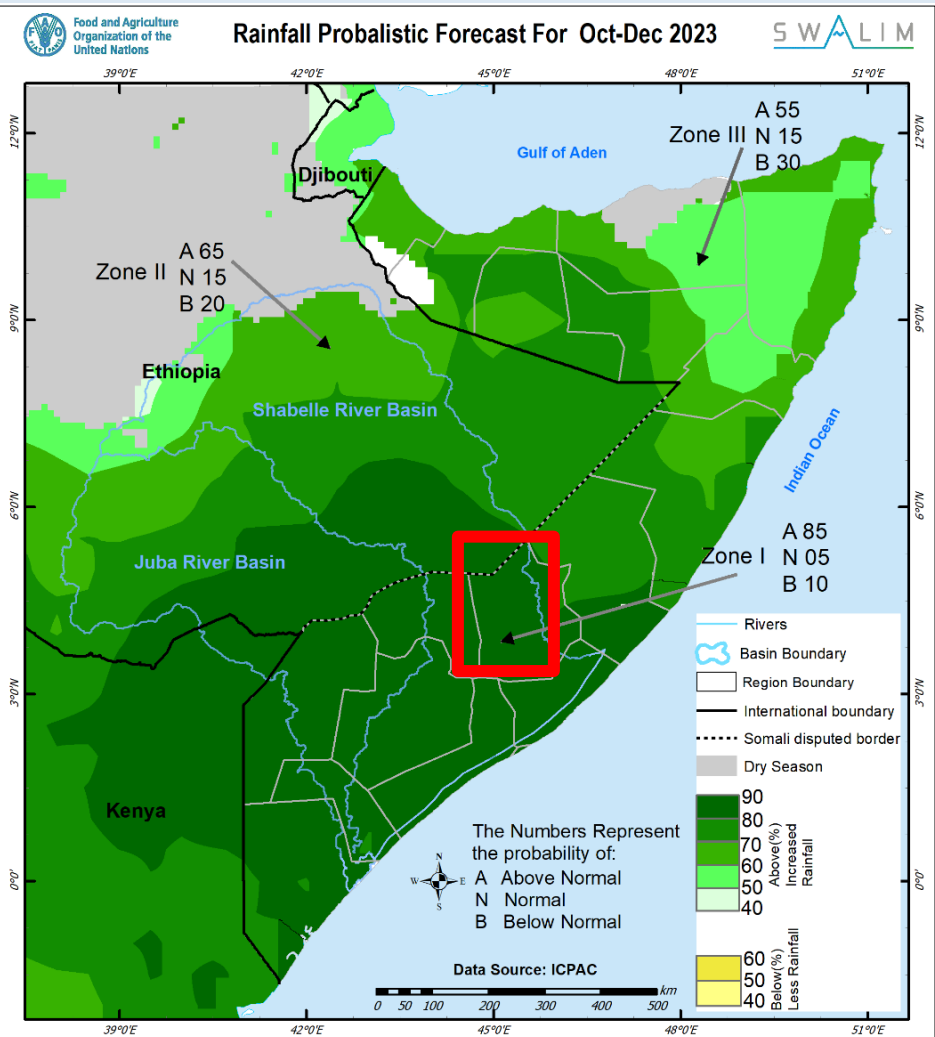


## Deyr 2023 Climate Outlook

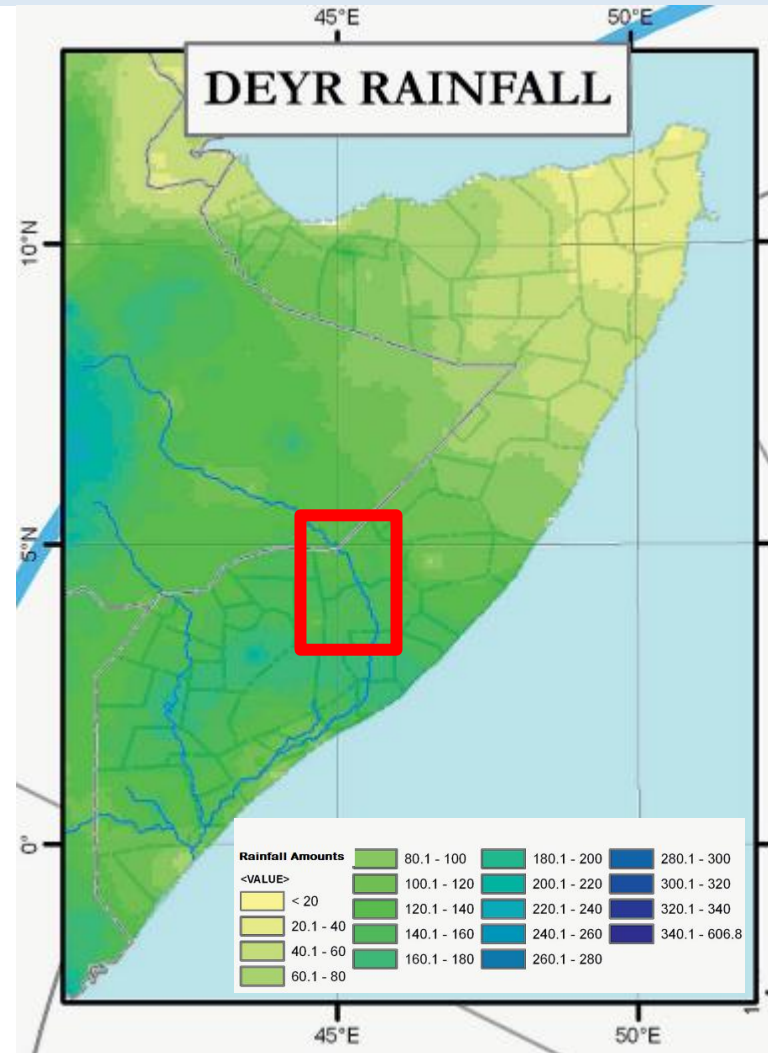
- There is **exceptionally high likelihood (85 %)** of enhanced rainfall over Hiran
- Based on climatology, rains in **excess of 150 mm** will be expected during the season
- It is important to point out that such enhanced rains will fall over the **catchments of Shabelle River**
- The **likelihood of the cumulative rain amounts exceeding 300 mm** over the Shabelle River basin within the country is about 40% with better likelihood downstream towards Middle Shabelle
- Were such rains to fall, they will translate to about **double the LTM/average rainfall**
- Over most parts of Hiran and upstream of the river catchments across the Ethiopian border, **4 - 6 consecutive rainy days** probable



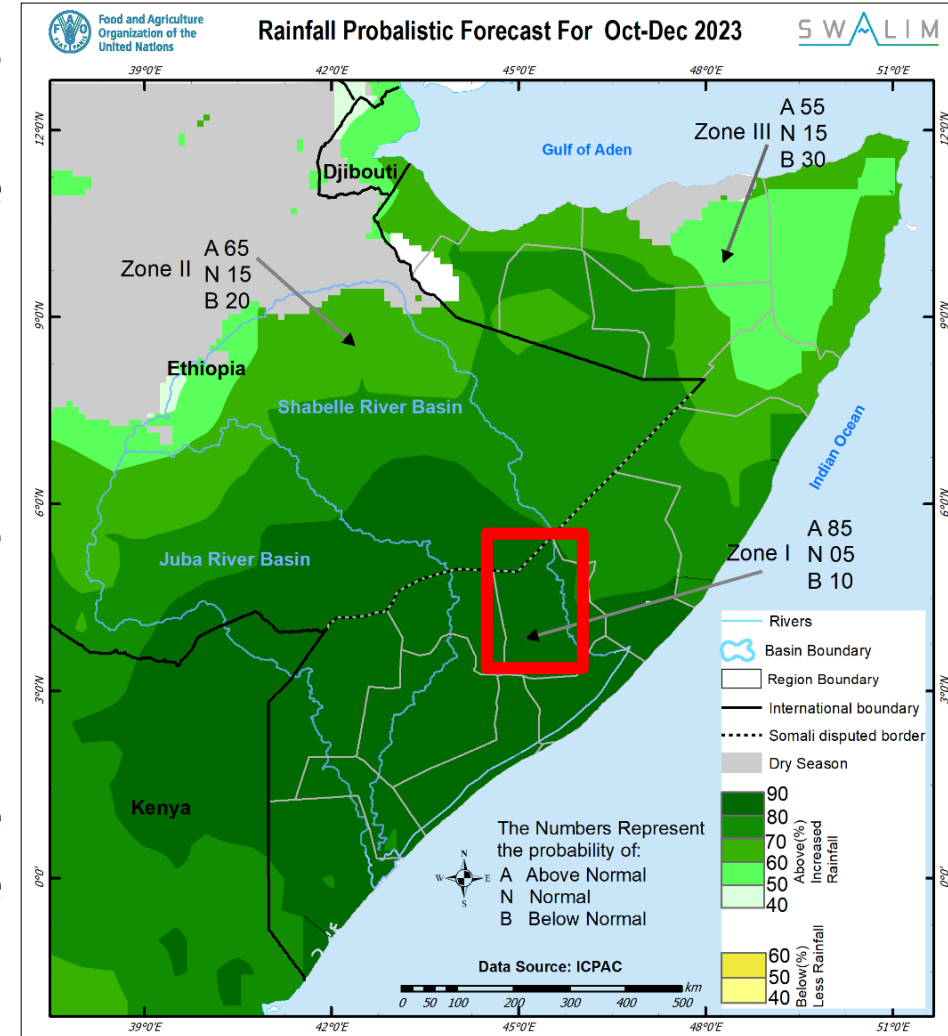
## Deyr 2023 Climate Outlook



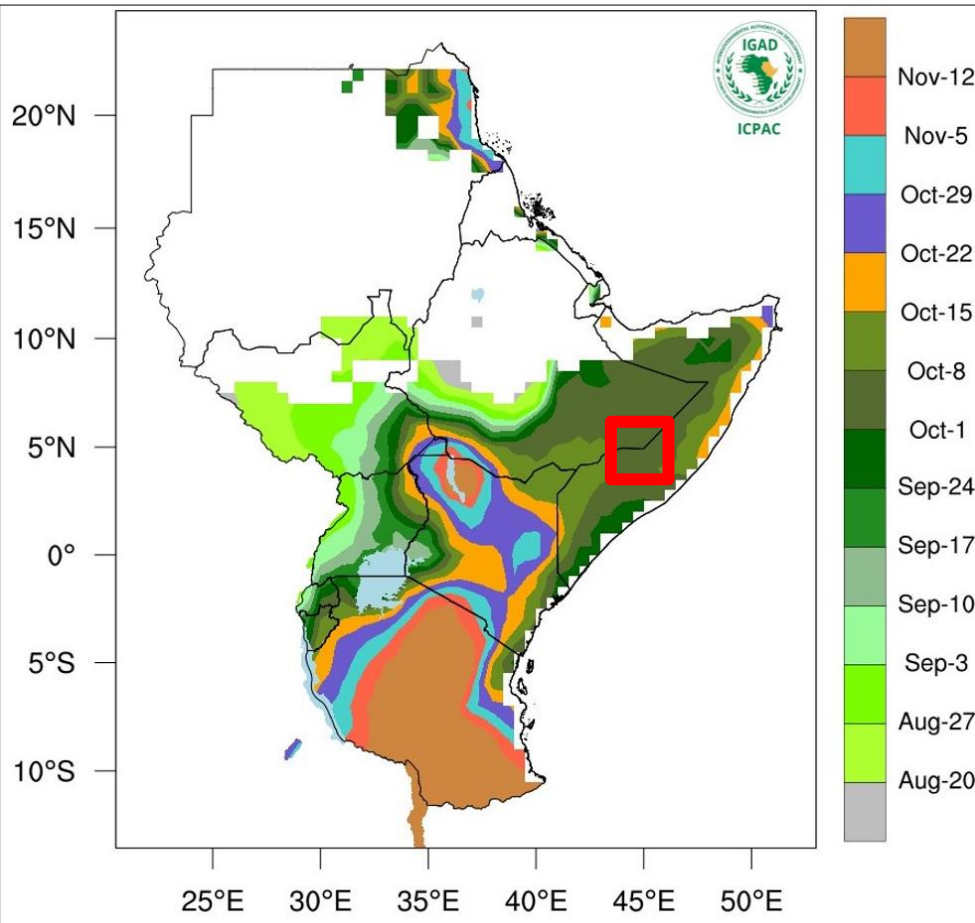
## Deyr 2023 Climate Outlook



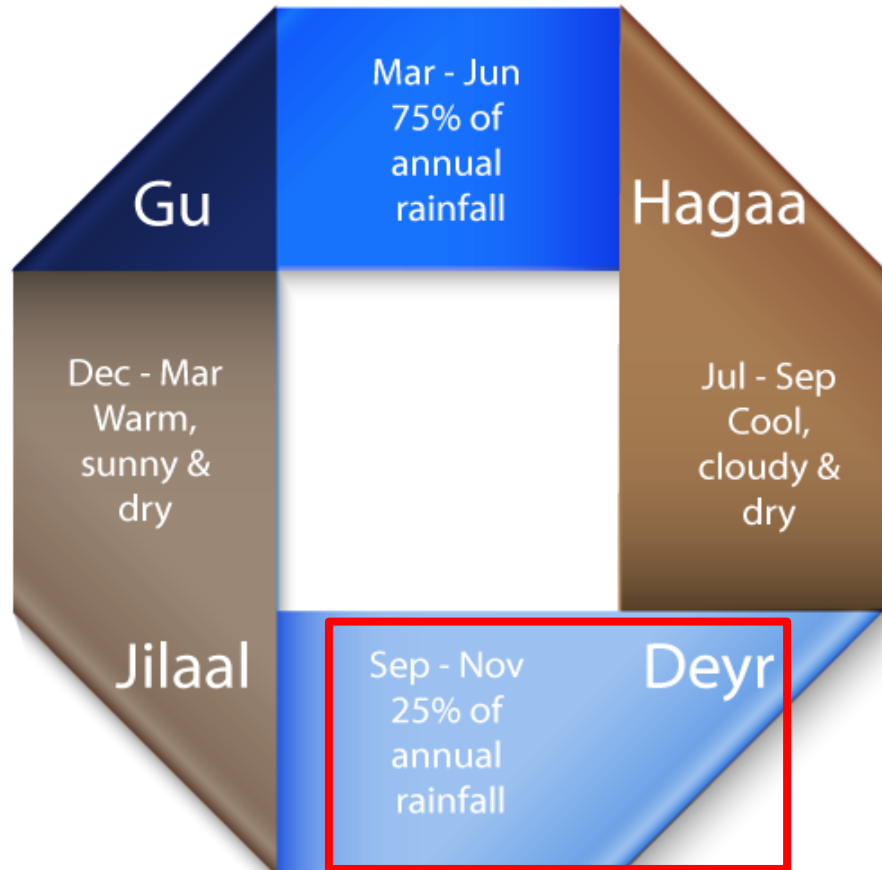
- What does the **85 % likelihood of enhanced rainfall** over Hiran translate to in actual amounts?
- Based on climatology, rains in **excess of 150 mm** will be expected during the season
- Occurrence of consecutive rainys days are therefore critical to **monitor and report**



## Deyr 2023 Climate Outlook

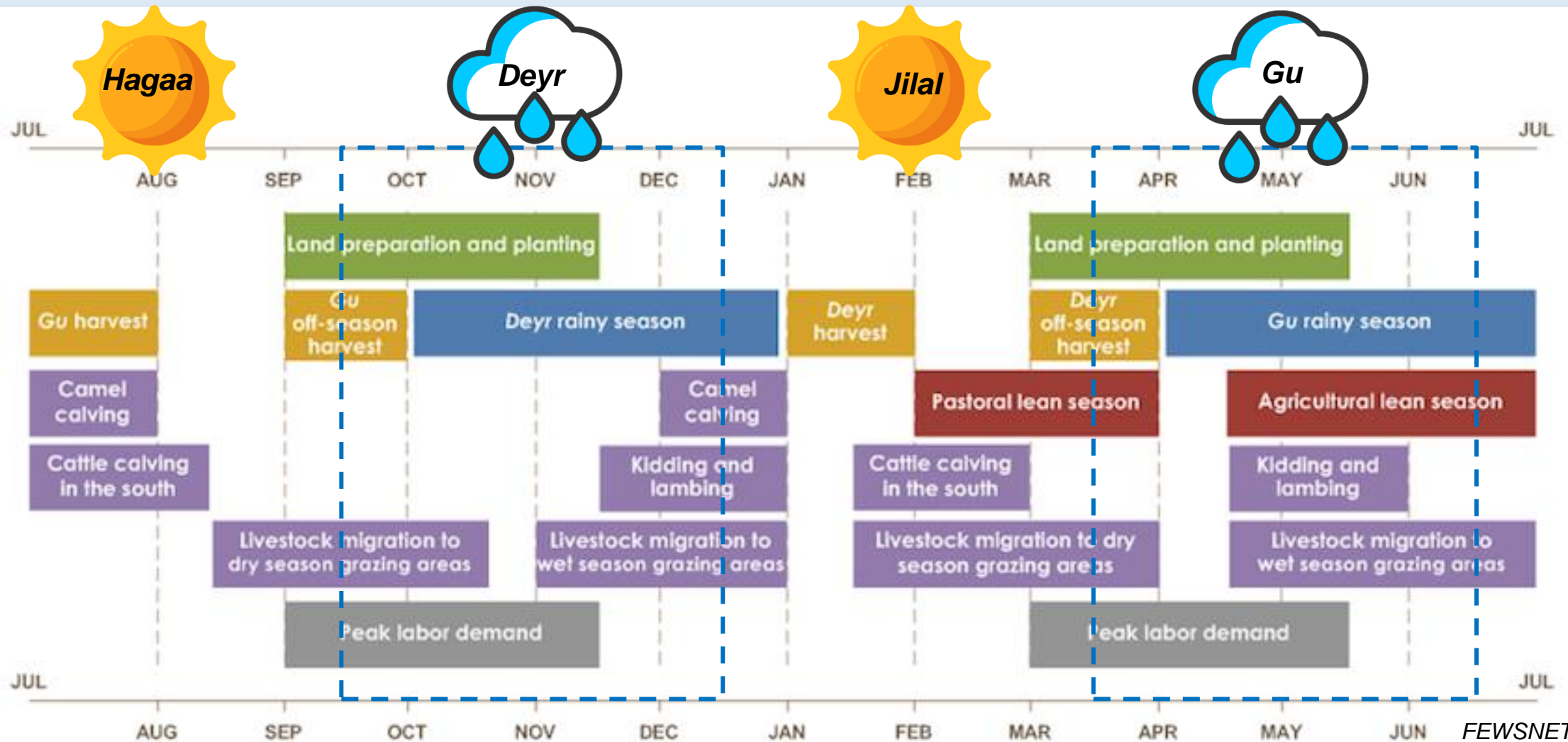


- **Cloudiness accompanied by light rains** is expected as early as **September** over the northwestern parts and in the coastal southern parts of the country
- Onset of **significant rainfall** is expected in the **last week of September** from the coastal southern parts of the country
- These rains will then progress northwards to **Hiran** region and over the upstream of Shabelle River catchment across the Ethiopian border in the **first week of October**



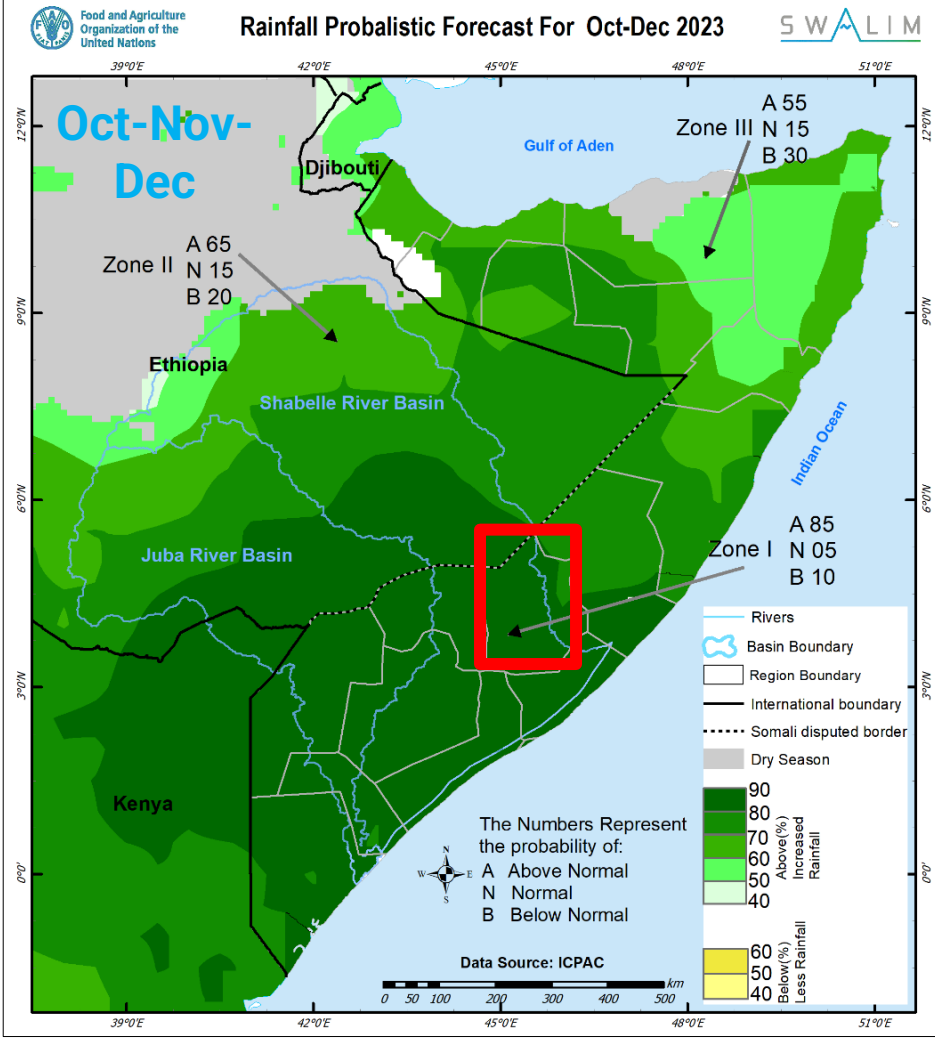
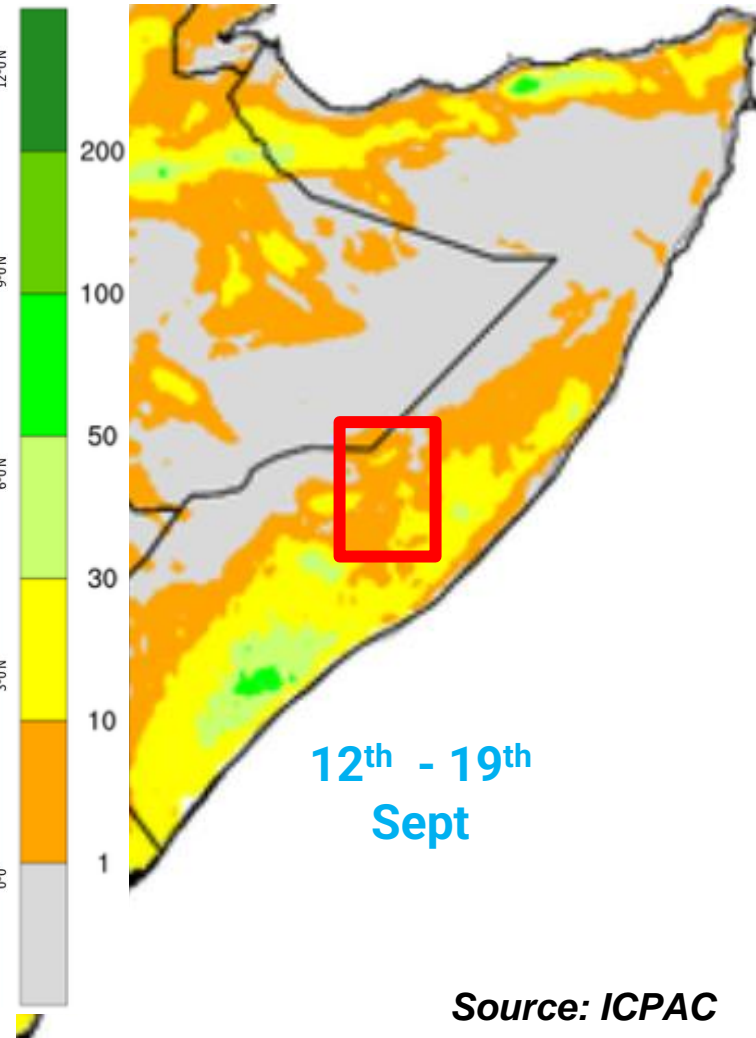
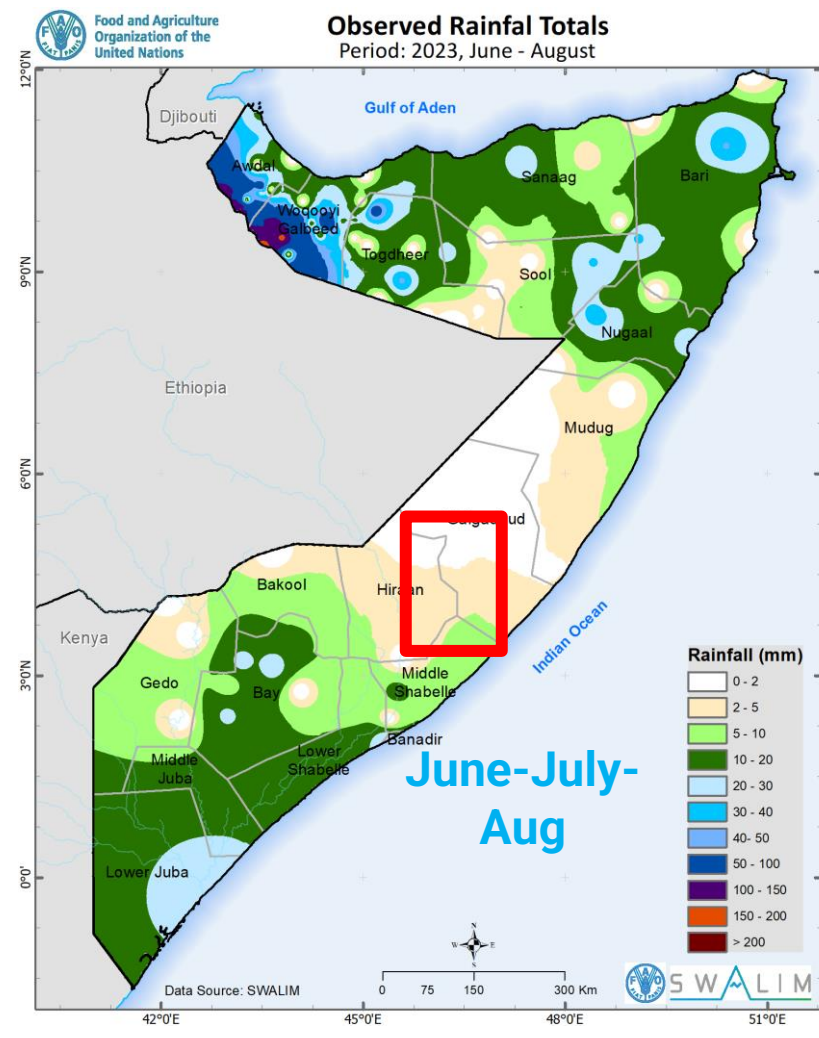
## What are the Implications of Deyr 2023 Climate Outlook on Livelihoods and Programming?

## The Four Seasons and Associated Livelihoods

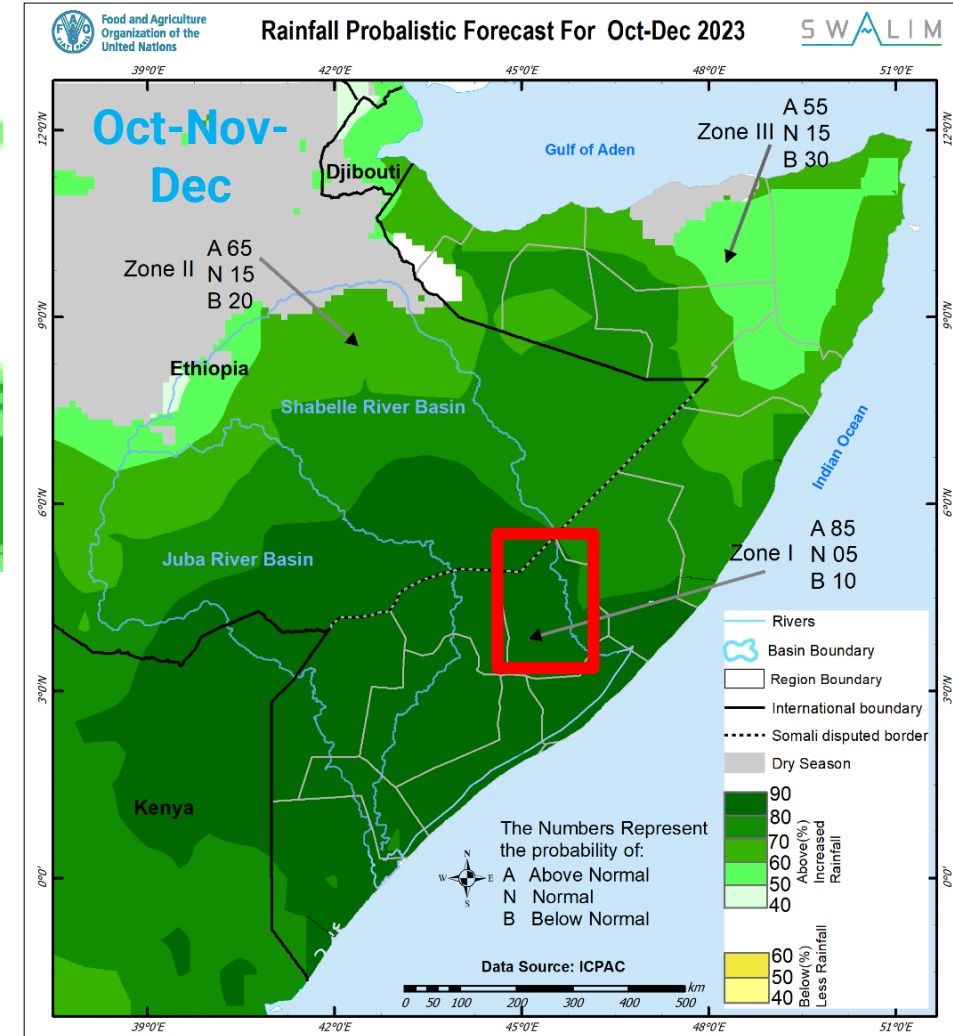
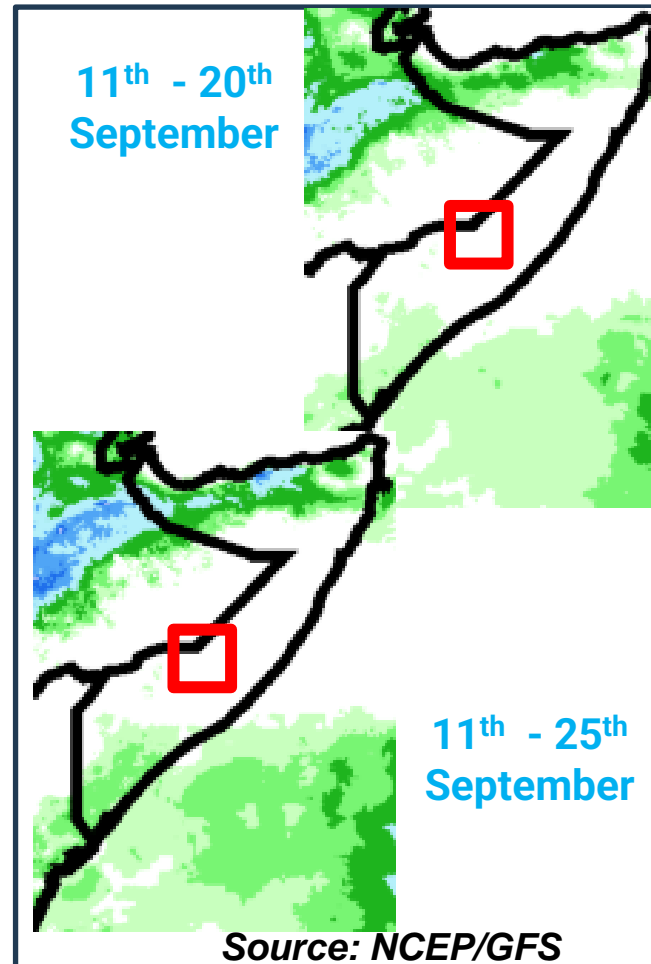
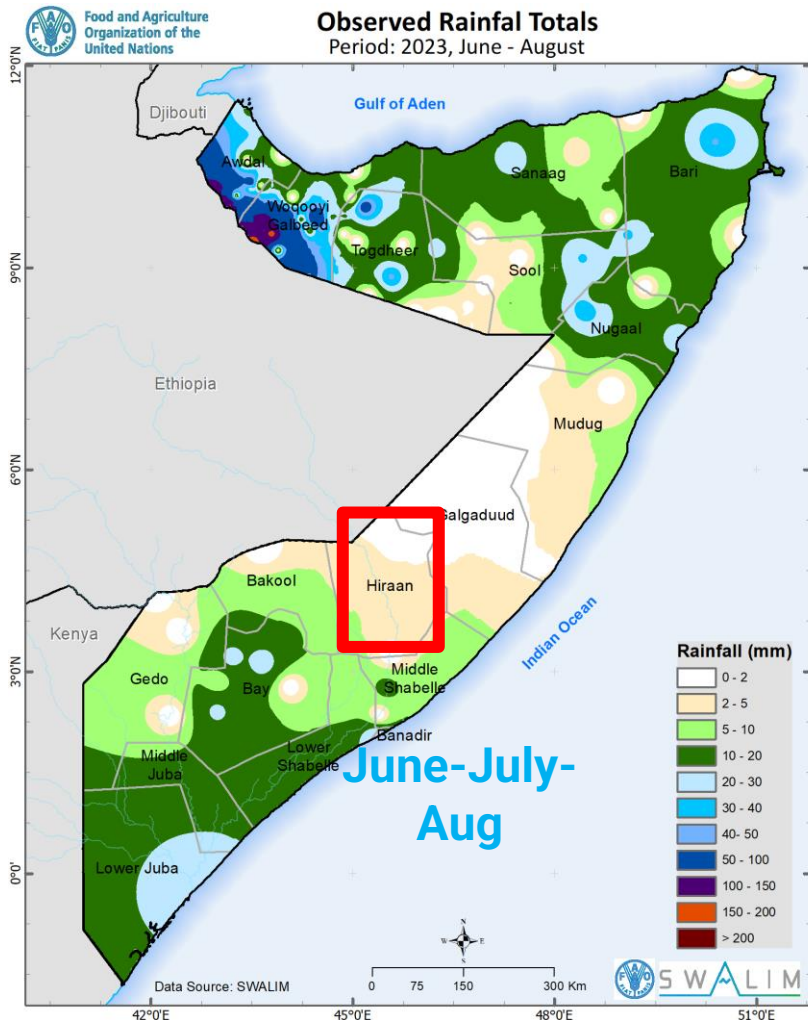


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## Observed *Hagaa* Rainfall, Present ICPAC Sept Conditions, *Deyr* 2023 Climate Outlook



# Observed *Hagaa* Rainfall, Present CHIRPS-GEFS Sept Conditions, ICPAC *Deyr* 2023 Climate Outlook







## **Deyr 2023 Climate Outlook: Implication on Livelihoods and Programming: Risks**

- In terms of associated **risks**, the enhanced rainfall amounts expected in six (6) **consecutive days** over Shabelle River catchments within the country and across the Ethiopian border and
- .... flowing downstream into already **saturated soils** will be a recipe for a disastrous **riverine flood** from the **third week of October**
- As part of the timely and accurate **early warning system**, **anticipatory action** for riverine flooding must be **activated** in vulnerable areas
- Fortunately, the present forecast cloudiness , light rains (less than 10 mm this week) but largely **dry** conditions over the Shabelle River catchments in the month of **September** offers some **lead time** for intervention measures to be put in place to mitigate the risks.



## **Deyr 2023 Climate Outlook: Implication on Livelihoods and Programming: Opportunities**

- The forecast cloudiness, light rains (less than 10 mm this week) but largely **dry** conditions over the agro-pastoral in Hiran in **September** are also **opportune** for land preparation
- The **subsequent enhanced rains** will likely lead to substantial recharge of water sources, replenished water catchment levels, and improved soil moisture conditions
- This will create **favorable conditions** for grass regeneration offering fodder for the livestock, and timely crop planting across the agro-pastoral livelihoods in Hiran
- There is moderately high likelihood (70%) of warmer-than-usual temperatures over the Hiran, which may lead to **substantial evaporation**. The forecast wet conditions (based on SPI) is expected to avail reasonably sufficient **soil water** for (e.g., sorghum) crop and fodder production



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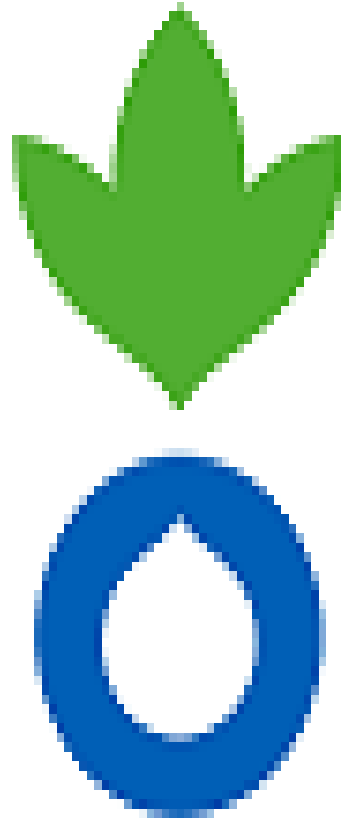
THANK YOU

# Food Security Programme in Hiran Region – ACF

# ACTION AGAINST HUNGER

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Hirshabelle State  
Hiran Region



**ACTION  
AGAINST  
HUNGER**

# SOMALIA CRISIS RECOVERY PROJECT (SCRIP)

12 September 2023



# ACTION OVERVIEW

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**Action title:** Title: Anticipatory Action and Early Response Support to Food Insecure Communities in Belet Weyne, and Bulo Burte Districts (SCRIP C6a+)

**Start date:** 01/10/2022 **End date:** 30/09/2022 (12 Months)

**Implementing Partners:** - Action Against Hunger-USA

**Sector:** Food security and livelihoods

# DELIVERABLES

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1. Procure and distribute of agricultural inputs (seeds, tools) 3632 HHs
2. Water supply deliveries for animal consumption 2025 HHs
3. Provide Veterinary drugs for Pastoralists and agro pastoralist Households 4380 HHs
4. Cash for Work (CFW) 2975 HHs



# IMPACT

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1. The water trucking activity has had a profound impact in easing the burden of beneficiaries who previously had to travel long distances to fetch water for their livestock.
2. The distribution of seeds has been a significant contribution in responding to the devastating flood shocks experienced in Beletweyne and Buloburte.
3. The rehabilitation of water catchments, canals, and feeder roads has proven to be immensely beneficial to the community.
4. The timely implementation of the livestock treatment during the rainy season was crucial in meeting the animals' needs.
5. The installation of micro irrigation kits has not only alleviated the high cost of using generators but also provided beneficiaries with the convenience of using solar irrigation kits worry-free.

# LESSONS LEARNT

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1. Layering of activities: same beneficiaries benefitting from multiple activities increases impact.
2. Good/effective coordination with stakeholders (clusters, authorities, local partners, etc.) led to good results and avoided overlapping efforts. It is relevant to highlight the importance of Ministries of Livestock and Agriculture involvement
3. Effective GRM Systems

# COORDINATION, SYNERGY, AND INTEGRATION

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At the forefront of the community engagement were the Village relief committees (VRCs) and the community selection committees (CSCs) who represented their communities in decision making regarding generally the implementation of the project activities and specifically the participation of community members in the project activities, selection of beneficiaries, prioritization of needs, and mobilization and sensitization of the communities.

# CHALLENGES

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1. Insecurity
2. Floods

# PROJECT SUMMARY

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**Project Title:** Riverine & Pastoral Food System Strengthening (RFSS)

**Project location:** Bulo Burte District (8 villages)

**Project Duration:** JULY 2023-JULY 2025

**Donor:** European Union

# OVERALL OBJECTIVE

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To enhance food production and the resilience of food systems in Somalia

## Specific Objectives

1. The project address the following EU objectives as its specific objectives:
  - **SO1: More economically sustainable and inclusive food systems**  
increased production capacity of smallholders  
improved quality of extension services
  - **SO2: Reinforced environmental sustainability of food systems**  
climate-smart, agro-ecological, and other innovative approaches developed
  - **SO3: Enhanced social sustainability of food systems (incl. food and nutrition security)**  
shock-responsive and gender sensitive social protection systems in place

# RESPONSE OVERVIEW

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- This action will target to reach 3,160 households directly across 8 villages in Buloburte district through a combination of infrastructural and adaptive interventions designed to reduce risk impact, improve food production, and strengthen market access for farming populations
- More heavily invested in irrigation infrastructure, the project is designed to reduce risk of flooding and for conveying the floodwaters to other areas for irrigation increasing the water available for agricultural production in Somalia

# PROJECT GOAL & OUTCOMES

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**Overall goal** To enhance food production and the resilience of food systems in Somalia

## **Outcomes**

1. **Outcome 1:** Improved capacity of households in pastoral and agro-pastoral communities to implement effective disaster risk management and positive coping strategies to mitigate the immediate and future effects of exposure to shocks
2. **Outcome 2:** Improved capacity of individuals, households and communities to adhere to positive development trajectories despite exposure to shocks and utilize strategies designed to allow adaptation to rapid and slow onset hazards
3. **Outcome 3:** Improved capacity to engage in strategies for sustainable livelihoods and economic growth to enhance food security and resilience
4. **Outcome 4:** Programming, policy actions and decisions on resilience in Somalia informed on evidence-based resilience research, learning and innovation



THE END

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ANY QUESTION?



Partner updates  
(El-Nino preparedness,  
challenges, and gaps)

## Next Meetings

- **Hiran RCM:** 10th October 2023 (2:00PM-3:30PM)
- **Middle Shabelle RCM:** 13th September 2023 (10:00AM-11:30AM)
- **Hirshabelle SCM:** 19th September 2023 (10:00AM-11:30AM)

THANK YOU

