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FORE WARD

This Agro met Bulletin is prepared and disseminated by the Ethiopia Meteorology Institute (EMI). The aim is to provide those sectors of the community involved in Agriculture and related disciplines with the current weather situation in relation to known agricultural practices.

The information contained in the bulletin, if judiciously utilized, are believed to assist planners, decision makers and the farmers at large, through an appropriate media, in minimizing risks, increase efficiency, maximize yield. On the other hand, it is vital tool in monitoring crop/ weather conditions during the growing seasons, to be able to make more realistic assessment of the annual crop production before harvest.

The Institute disseminates ten daily, monthly and seasonal weather reports in which all the necessary current information's relevant to agriculture are compiled.

We are of the opinion that careful and continuous use of this bulletin can benefit to raise ones agro climate consciousness for improving agriculture-oriented practices. Meanwhile, your comments and constructive suggestions are highly appreciated to make the objective of this bulletin a success.

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አሁዕም ተ ኢ.ኤ.ኤ ዓዲምበር 2025

በለኩት የዲስታዊ የመጀመሪያው አሳር ቅናት በአብዛኛውም የህንጻቱ ክፍልውን ገዢ የተስተዋለው የበታዥ ይረቁ፡ ብርሃንና ነፋሽና የአየር ሆኑታ ለሰበላ ለብሰባና ይህን ለሰበላ ለብሰባና አመቱ ሆኑታን የሂጻረ ነበር፡፡ በለላም በኩል በተወስኑ በደብብ ምስራዎን በምስራዎን አንዳንድ በታወች ገዢ የኩበራው እርጥበት መል ለመል እድገታቸውን ገልጻረሰ ለብሰባና፡ ለቋሚ ተከለው፡ ለፍርፍና ተከለውና ለንድ አትከለች የውሃ ትንተት መግለጫ ተቀባዩ ሆኑው፡፡ እንዳሁሮ የኩበራው እርጥበት በአርብቶ አድናና ከፈል እርብቶ አድር አካባቢውና ለግዥና ስርና ለመጠጥ ወሃ እቅርቦት ተቀባዩ የኩበራው ሰምን ከደረግማው የእርጥበት ሆኑታ ጉር ተያይዘ በአንዳንድ በስማን ምስራው፡ በመከከለኛው፡ በደብብና ምስራው የህንጻቱ ይጋማ ለፍርፍና ገዢ የኩበራው ትንተኛ ሆኑታ ሆኑው፡፡ ይህም ሆኑታ በመሰኔ በመታገኘ በማለሙ በፍርፍና ተከለውና ለንድ አትከለችና ገዢ መጠኑና አለታዊ ገን ነበሩ፡፡

በለኩት የዲስታዊ ሁሉተኛው አሳር ቅናት በታ ሁሉተኛ የባኩብ መቅታቸው በሆነት በደብብ አጋማና የህንጻቱ ለፍርፍና ገዢ የኩበራው እርጥበት በተለያዩ በዚህ መቅት በመደበኛ ሆኑታ ሚናብ በማረጥናት የደብብ አጋማና፡ የደብብ ለማለ እና የደብብ አትቶናና ከልል ይቦኩዎ ሆና፡ ገዢ ለተዘና ለብሰባና ሆና፡ ሆኑታ የሂጻረ ሰምን በአርብቶ አድናና ከፈል እርብቶ አድር እቅርቦ ለግዥና ለመሰኔ በስማን ለማከማቸት ገንብ ማና ሆኑው፡፡ በለላም በኩል በደብብ ምስራዎ፡፡ ምስራዎ፡ በመከከለኛውና በስማን ምስራው የህንጻቱ አካባቢውና ገዢ የኩበራው መቅታዊ ያለመበቀ ከቀሳል አስከ መከከለኛ መጠን ያለው ሚናብ ለሰበላ ለብሰባና ይህን ለሰበላ ለብሰባና አለታዊ ተወካድ ሆኑው፡፡ እንዳሁሮ በተቀናት የህንጻቱ ክፍልውን ገዢ የተስተዋለው የበታዥ ይረቁ የእርጥበት ሆኑታ የመሆኑ አብቃይ በሆነት የህንጻቱ ክፍልውን የይህን ለሰበላ ለብሰባና ተግባራትን ለማከናወን አመቱ ሆኑታን የሂጻረ ነበር፡፡ በተጨማሪው በአብዛኛው የሂሳቱ ክፍልውን ገዢ ከነበራው የደመና ምኻን መጠመር ጉር ተያይዘ በደጋማ አካባቢውና ገዢ የኩበራው ትንተኛ እንዳቀናል ክፍተኛ አስተዋዕኑ ሆኑው፡፡

በለኩት የዲስታዊ ሰነተኛው አሳር እንደ ቅናት በአብዛኛውም የህንጻቱ ክፍልውን ገዢ የተስተዋለው የበታዥ ይረቁ የእርጥበት ሆኑታ የመሆኑ አብቃይ በሆነት የህንጻቱ ክፍልውን የይህን ለሰበላ ለብሰባና ተግባራትን ለማከናወን አመቱ ሆኑታን የሂጻረ ነበር፡፡ በተጨማሪው በአብዛኛው የሂሳቱ ክፍልውን ገዢ የኩበራው ምስራው፡ መከከለኛው እና የምስራው የህንጻቱ ይጋማ ለፍርፍና ገዢ በአንድሸዋ በንከር ያለ ትንተዋዕኑ፡፡ ይህም ሆኑታ በመሰኔ በመታገኘ በማለሙ በፍርፍና ተከለውና ለንድ አትከለችና ገዢ በተወስኑ መጠን አለታዊ ገን ሆኑው፡፡ በለላ በኩል አልጋ በለት

ቀናት በደብርና በደብር ምስራብ ጥቂት አካባቢዎች ላይ የነበረው እርጥበት ለእርብቶ አደርና ከፈል እርብቶ አደር አካባቢዎች ለማጠና ስርና ለመጠጥ ወሂ አቅርቦት መቀኑት ነበረው :: በላይ በከል በሰጠና ምስራብ አንዳንድ አካባቢዎች መቀኑን ያልጠበቀ ለኩብ የነበረዎችው ለሆነ ይህም ሁኔታ ለደረሰና በመሰብሰብ ሂደት ወሰኑ ለብለዎች አለታዊ ጥን ነበረው :: በተለይም በደብር ወለዎች ለኩብ ለከል ወረዳ እና በደብር ማርቆብ በረዳ ቁጥቆዎ በማለው ለኩብ በደረሰ ለብለዎች ላይ ጉዳት አድርጓል :: ይህ በእንዳሁ አንዳንድ በርሃ ሁሉታዊ የኩብ ወቅታዊው ለሆነትም ሆነ በደጋማ አካባቢ ለማጥና እና መል ለመል እድገታዊውን ለልጠረሰ አንዳንድ ለብለዎች :: ለቁጥ ተከለዎች :: ለእትካልተዋችና አንዳሁም በመከርር መቀት መጠረዘኛ ላይ በእኩር ወሰኑ በተከማች እርጥበት በመታገኘ ለተዘና የሽንብራና ጋዜ ለመሰሰለ የጥራጥራ ለብለዎች የተገኘው እርጥበት መቀኑት ነበረው ::

ባሳለናው የዳሰምበር ወር በተለይም በመጀመሪያውና በሁሉታዊው አለር ቅናት በእብዛዣው የሀገራቱ ለፍራውች ላይ የነበረው የብርው ያረጋግጣ የእርጥበት ሁኔታ የደረሰ ለብለዎች አንዳንድርቁ :: በጊዜ አንዳንዶበብዎና የድህረ ለብለ ለብለባ ተግባራትን ለማከናወን ምች ሁኔታ ነበረው :: በላይ መልከ በእንዳንድ የሰጠና :: የመከከለችውና የደብር ምስራብ የሀገራቱ ይጋማ ለፍራውች ላይ ከቀኑ ሂቀተኛ የመቀት መጠን የተነሳ የለለትና የማለክዎ ቁጥቃይ ከ5 ዓላማ ሲልሽያስ በታች ሆኖ ለመዘገበ በተውሰነ ጥቂት በታች ላይ ይግባኝ ከዚህ ዓላማ ሲልሽያስ በታች ሆኖ ተመግባራል :: ይህም የተስተዋለው ቁጥቃይ በተለይም በመሰና በመታገኘ በማለሙ የፍራናና ተከለዎችና በንድ አትካልተዋች ላይ በጥቀት በታች ላይ በተውሰነ መጠን አለታዊ ጥን ነበረው :: በላይ በከል በዳሰምበር የመጠረዘኛዎች አስራ አንድ ቅናት አላይ አላይ ከነበረው የድመና ምኻን በደብርና ይበብ ምስራብ ይበብ ምስራብና በመከከለችው አንዳንድ በታች ላይ ከቀሳል አስከ መከከለች መጠን ያለው እርጥበት ተመግባራል :: ይህም ሁኔታ መል ለመል እድገታዊውን ለልጠረሰ አንዳንድ ለብለዎች :: ለቁጥ ተከለዎች :: ለእትካልተዋችና በመከርር መቀት መጠረዘኛ ላይ በእኩር ወሰኑ በተከማች እርጥበት በመታገኘ ለተዘና የሽንብራና ጋዜ ለመሰሰለ የጥራጥራ ለብለዎች :: ለእንሰሳት የግጠና ስርና የመጠጥ ወሂ አቅርቦት ላይ የተገኘው እርጥበት መቀኑት ነበረው :: በላይ በከል በሰጠና ምስራብ አንዳንድ አካባቢዎች መቀኑን ያልጠበቀ ለኩብ የኩብ ወቅታዊው ለሆነ ሁኔታ ለደረሰና በመሰብሰብ ሂደት ወሰኑ ለብለዎች ለኩብ ወረዳ እና በደብር ማርቆብ በረዳ ቁጥቆዎ በማለው ለኩብ በደረሰ ለብለዎች ላይ ጉዳት አድርጓል ::

SUMMARY

DECEMBER 2025

During the first dekad of December 2025, according to meteorological information collected from all over the country it was observed that the Bega season dry, sunny and windy weather conditions have prevailed in most part of the country. This condition might have a positive impact for harvest and post-harvest activities in Meher growing areas, where crops were fully matured. However, in relation to the prevailing dry weather condition, some high land areas like northern, north-eastern, eastern and central parts of the country experienced extreme minimum temperature below 5°C. This condition might have negative implication on the development of Bega season irrigated crops as well as on fruit and vegetables. On the other hand, the observed moisture over some parts of western and south-western parts might have positive implication for lately planted and currently found at various growing stages which requiring additional moisture for their further development, perennial plants, fruits and vegetables.

During the second dekad of December 2025 the observed enhanced moisture over southern half of the country could have very crucial role to water needs of crops in the highland parts of Borena, Guji and southern parts of southern region and highly favours for the availability of pasture and drinking water as well as had a good opportunity to collect rain water harvesting. On the other hand, the received unseasonal moisture over some Meher producing areas particularly over western half, central, eastern and north-eastern parts of the country might have slightly affected harvest and post-harvest activities of matured crops. However, the observed dry, sunny and windy weather condition could favour the on-going harvest and post-harvest activities.

During the third dekad of December 2025, according to meteorological information collected from all over the country it was observed that the Bega season dry, sunny and windy weather conditions have prevailed in most part of the country. This condition might have a positive impact for harvest and post-harvest activities in Meher growing areas, where crops were fully matured. However, in relation to the prevailing dry weather condition, some high land areas like northern, north-eastern, eastern and central parts of the country experienced extreme minimum temperature below 5°C. This condition might have negative implication on the development of Bega season irrigated crops as well as on fruit and vegetables. On the other hand, the observed moisture over some parts of western and south-

western parts might have positive implication for lately planted and currently found at various growing stages which requiring additional moisture for their further development, perennial plants, fruits and vegetables. However unseasonal rainfall over north-eastern parts particularly South Wello zone sekela woreda and Debre Markos area heavy rainfall combined with hailstorm affected matured and ready to harvested crops.

Generally, during the month of December 2025, the Bega season dry, sunny and windy climate condition particularly in the first and second dekad of the month prevailed most parts of the country. The dry condition was favourable for the timely dry out of matured crops and to conduct harvest and post-harvest activities. In line with the dry condition some of the highland parts of northern, central, eastern and north-eastern parts of the country recorded minimum temperatures below 5°C. This cold and chill condition might have some negative impact on livestock health, irrigated Bega season crops and over various horticulture plants. However during the last dekad of December light to moderate moisture was recorded over southern, south-western, eastern and central parts of the country. This condition favours toward the water satisfaction of not fully matured crops, perennial plants, for various horticulture crops and for some of legumes which often planted after harvest of Meher crops. In addition, it might have positive impact on ensuring the availability of pasture and drinking water over pastoral and agro pastoral areas. On the other hand the received unseasonal moisture over some Meher producing areas particularly over South Wello zone sekela woreda and Debre Markos area heavy rainfall combined with hailstorm might have slightly affected harvest and post-harvest activities of matured crops.

1. WEATHER ASSESSMENT

1.1 Rainfall amount (21 – 31) December 2025

During December third dekad 2025 pocket areas of Konso, Derashe, Basketo and Wolayita Zones received 50-100 mm rainfall. Over South Omo, Bench Maji, Dawro and Keffa zones received 25-50 mm of rainfall. Over Borena, Gedeo, Alaba, Yem, Jimma, Gurage, Gambela zone 2, Illubabur, east and west Harergie zones received 5-25 mm rainfall. The rest part of the country was received <5 mm rain fall.

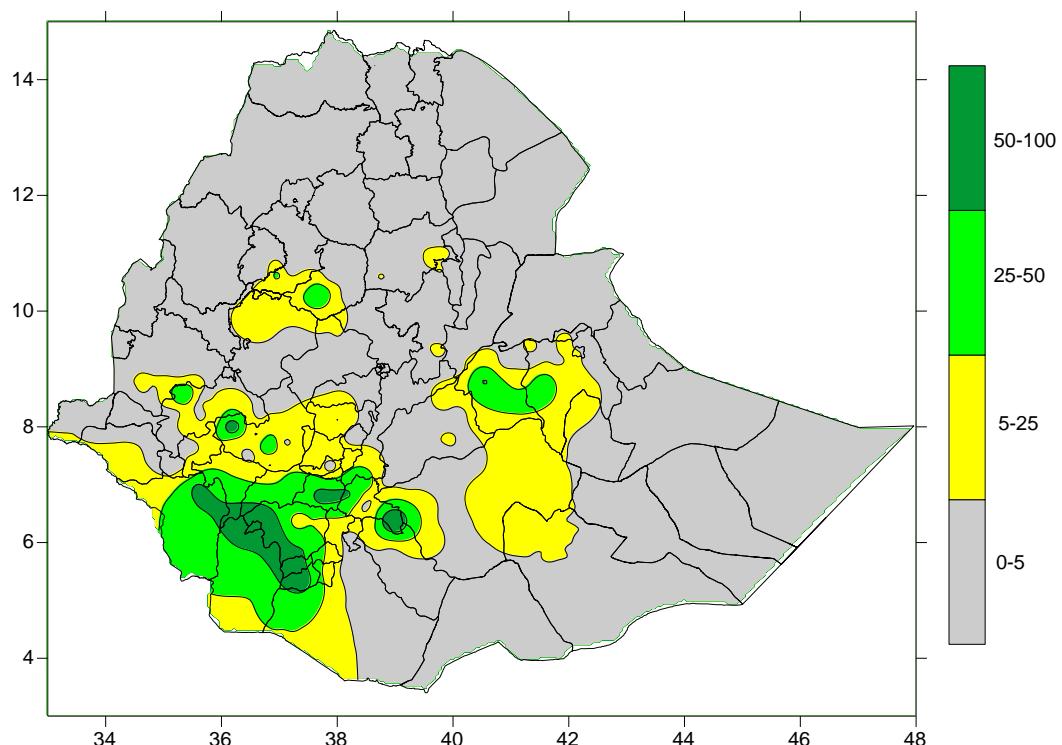


Fig 1. Rainfall distribution in mm (21 – 31) December 2025

1.2 Rainfall Anomaly (21 – 31 December 2025)

During third Dekad of December 2025, pocket areas of Borena, Amaro, Konso, Burji, Drashe, south Omo, Basketo, Gamogofa, Bench Maji, Keffa, Dawro, Welayita, Hadiya, KT, Alaba, Jimma, Yem, Gurage, south west Shewa, west Harergie, east Wellega, north Shewa, Kamashi, Bahirdar and west Gojjam zones exhibited Normal to above Normal rainfall. On the other hand, the rest part of the country was exhibited Much Below Normal to Below Normal rainfall

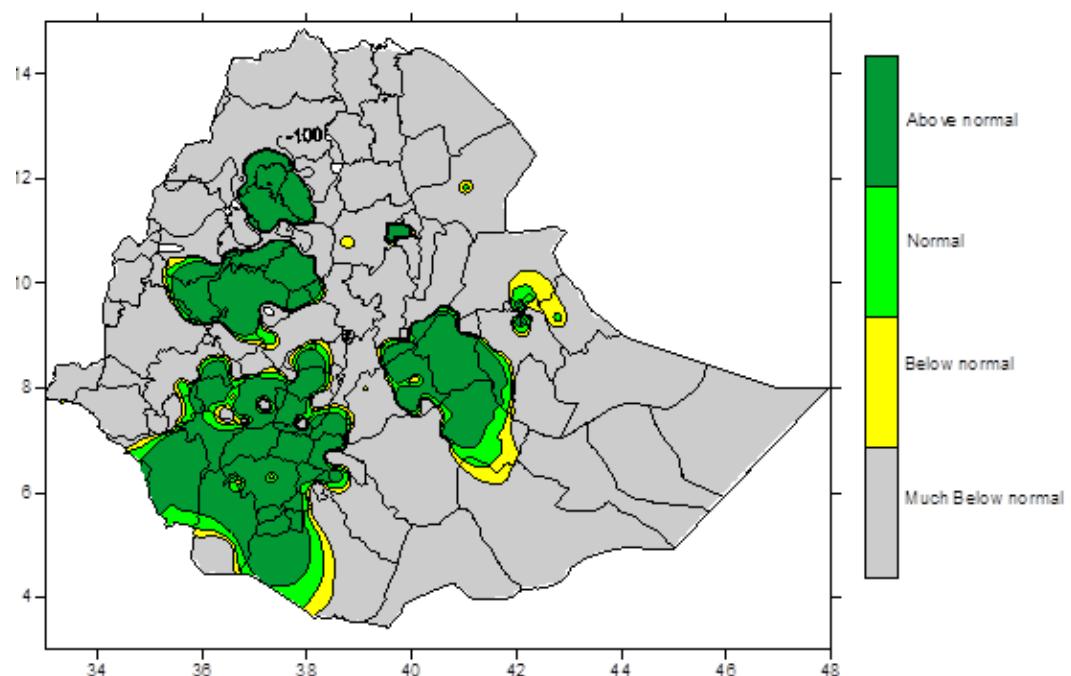


Fig. 2 Percent of normal rainfall distribution (21 – 31 December 2025)

Explanatory notes for the Legend

- < 50% - Much below normal
- 50-75% - Below normal
- 75-125% - Normal
- > 125% - Above normal

1.3 Moisture status (21 – 31 December 2025)

During the third dekad of December 2025, pocket areas of Borena, Amaro, Konso, Drashe, Burji, south Omo, Basketo, GamoGofa, Bench Maji, Keffa, Dawuro, Wolayita, Sidama, Hadiya, Alaba, KT, Yem, Jimma, Illubabur, west Harergie and north Shewa exhibited Hyper humid to moist moisture conditions. The rest parts of the country experienced moderately dry to very dry moisture condition.

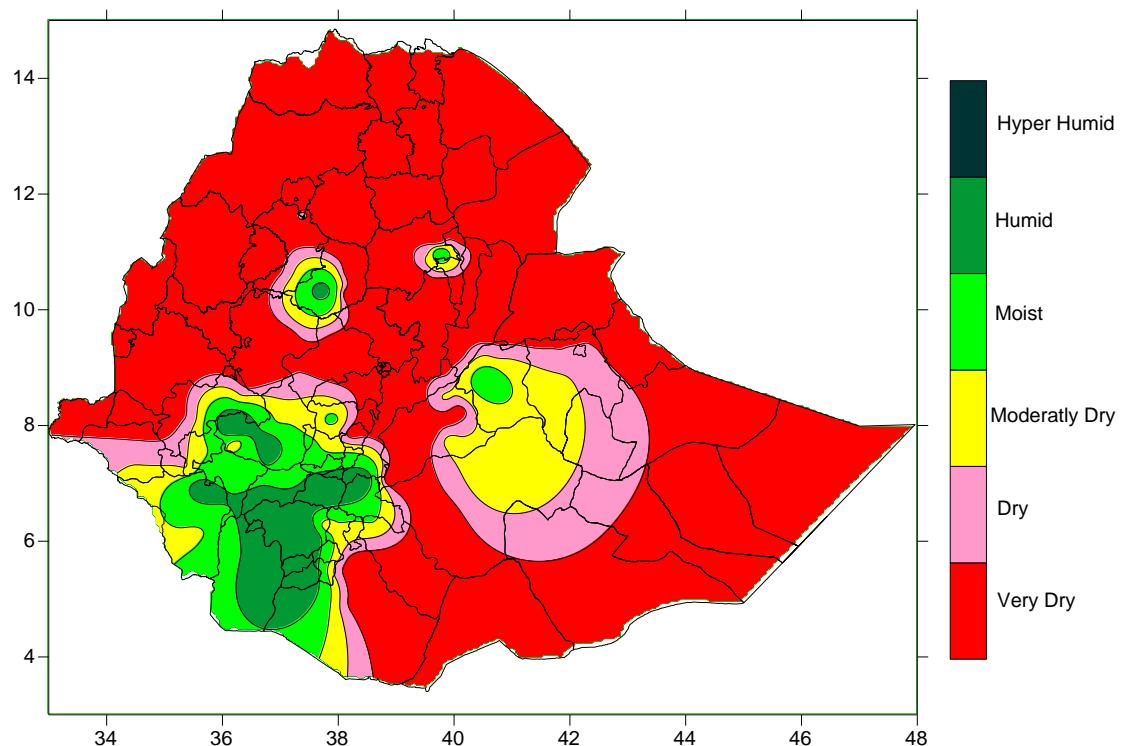


Fig. 3 Moisture Status (21-31 December 2025)

1.4 Rainfall amount on the month of December 2025

During the Month of December 2025, some part of south Omo and Basketo zones are received 100-200 mm rainfall. Over Amaro, Konso, Drashe, Bench Maji, Wolayita and Keffa Zones are received 50-100 mm rainfall. Over Borena, GamoGofa, Hadiya, KT, Gurage, Sheka, Illubabur, west Harergie and Gambela Zones 2 are received 25-50 mm rainfall. Over Liben, Afder, east Harergie, Alaba, Siliti, Jimma, Yem, Godere, Gambela zone 1, east Wellega, north Shewa, Agew, east Gojjam, Oromia Special zones and west Tigray received 5-25 mm of rainfall. The rest part of the country was received <5 mm rainfall.

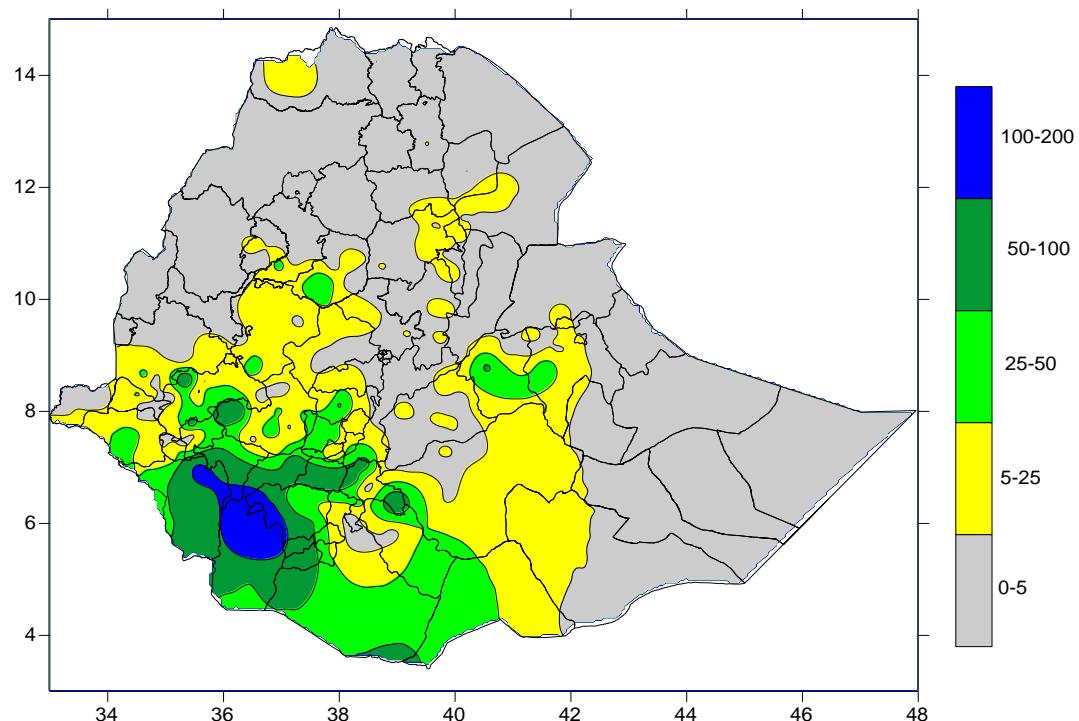


Fig. 4 Rainfall amount in mm for the month of December 2025

1.5 Rainfall Anomaly on the month of December 2025

During the month of December 2025, some part of Borena, Liben, Amaro, Konso, Drashe, Burji, South Omo, Basketo, GamoGofa, Bench Maji, Keffa, Dawuro, Wolayita, KT, Yem, Gurage, south west Shewa, west Harergie, Gambela zone 1, east Wellega, North Shewa, Agew and Bahirdar Zones are exhibited Normal to above Normal rainfall. On the other hand, the rest part of the country was exhibited Much Below Normal to Below Normal rainfall.

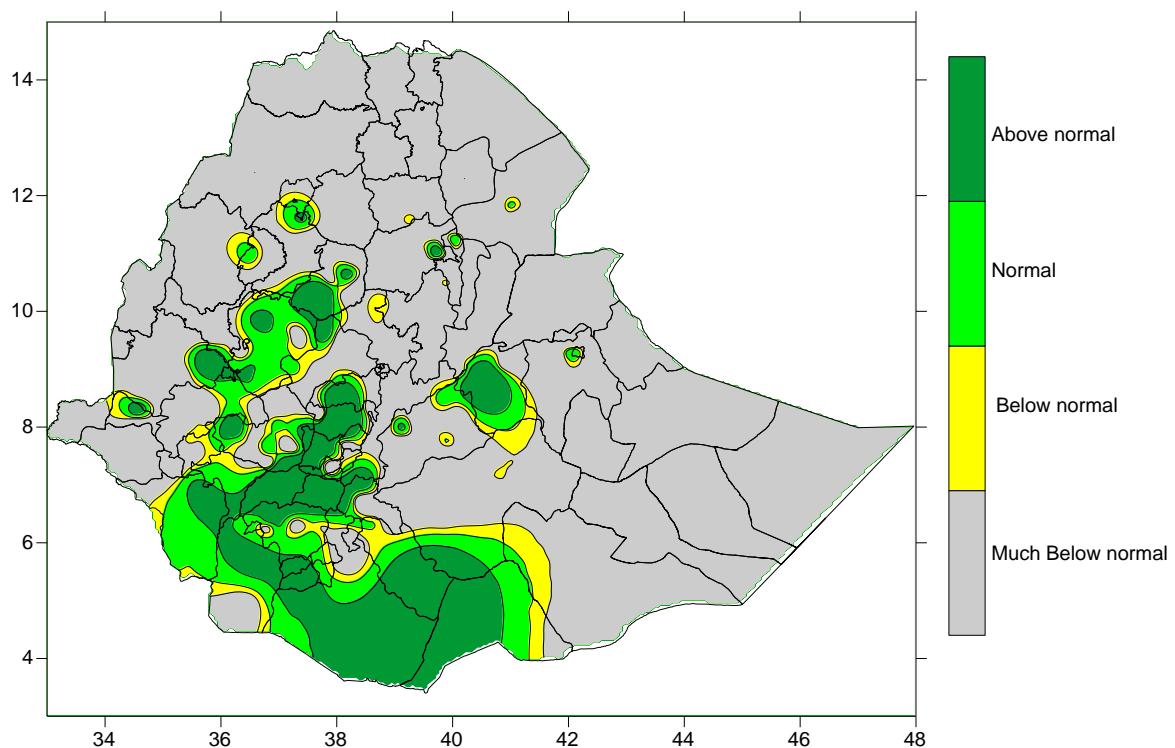


Fig. 5 Percent of Normal Rainfall for the month of December 2025

Explanatory notes for the Legend

- < 50-Much below normal
- 50-75%-Below normal
- 75-125%- Normal
- > 125% - Above normal

1.6 Moisture status on the month of December 2025

During the month of December 2025, some parts of Borena, Liben, Afder, Guji, Amaro, Konso, Burji, Derashe, South Omo, Gedeo, GamoGofa, Basketo, Wolayita, Sidama, Hadiya, Alaba, KT, Dawuro, Bench Maji, Keffa, Godere, Sheka, Jimma, Yem, Gurage, Illubabur, Gambela zone 1, 2 & 3, North Shewa, Oromia special zone, West Harergie, east Harergie and Harer exhibited moist humid to moisture conditions. The rest parts of the country experienced moderately dry to very dry moisture condition.

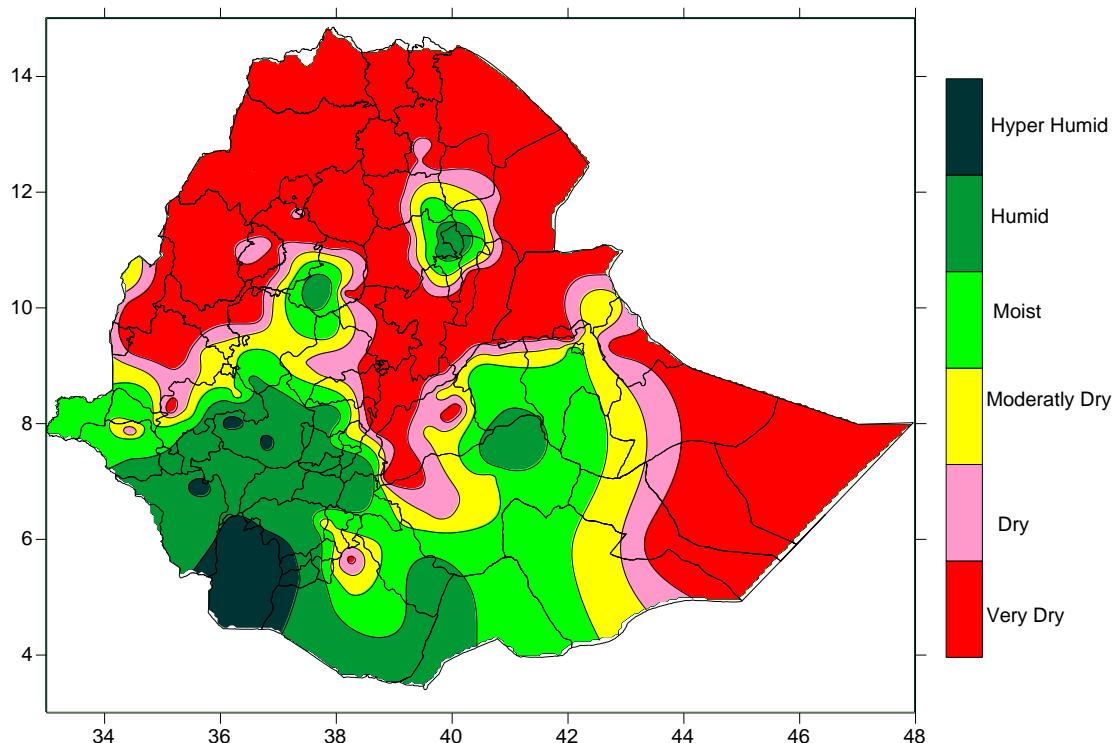


Fig. 6 moisture status for the month of December 2025

2. AGROMETEOROLOGICAL CONDITIONS AND IMPACT ON AGRICULTURE

2.1 VEGETATION CONDITION AND IMPACT ON AGRICULTURE ON THE MONTH OF DECMBER 2025

During the month of December 2025, Due to dekad by dekad slightly increasing of the enhanced moisture the NDVI Fig.7 (green plant coverage) improve over southern half, western, central, eastern and north-eastern parts during the month could play positive impact to perform different agricultural activities and the condition had positive implication for improving the availability of pasture and drinking water over both the pastoral and agro pastoral community.

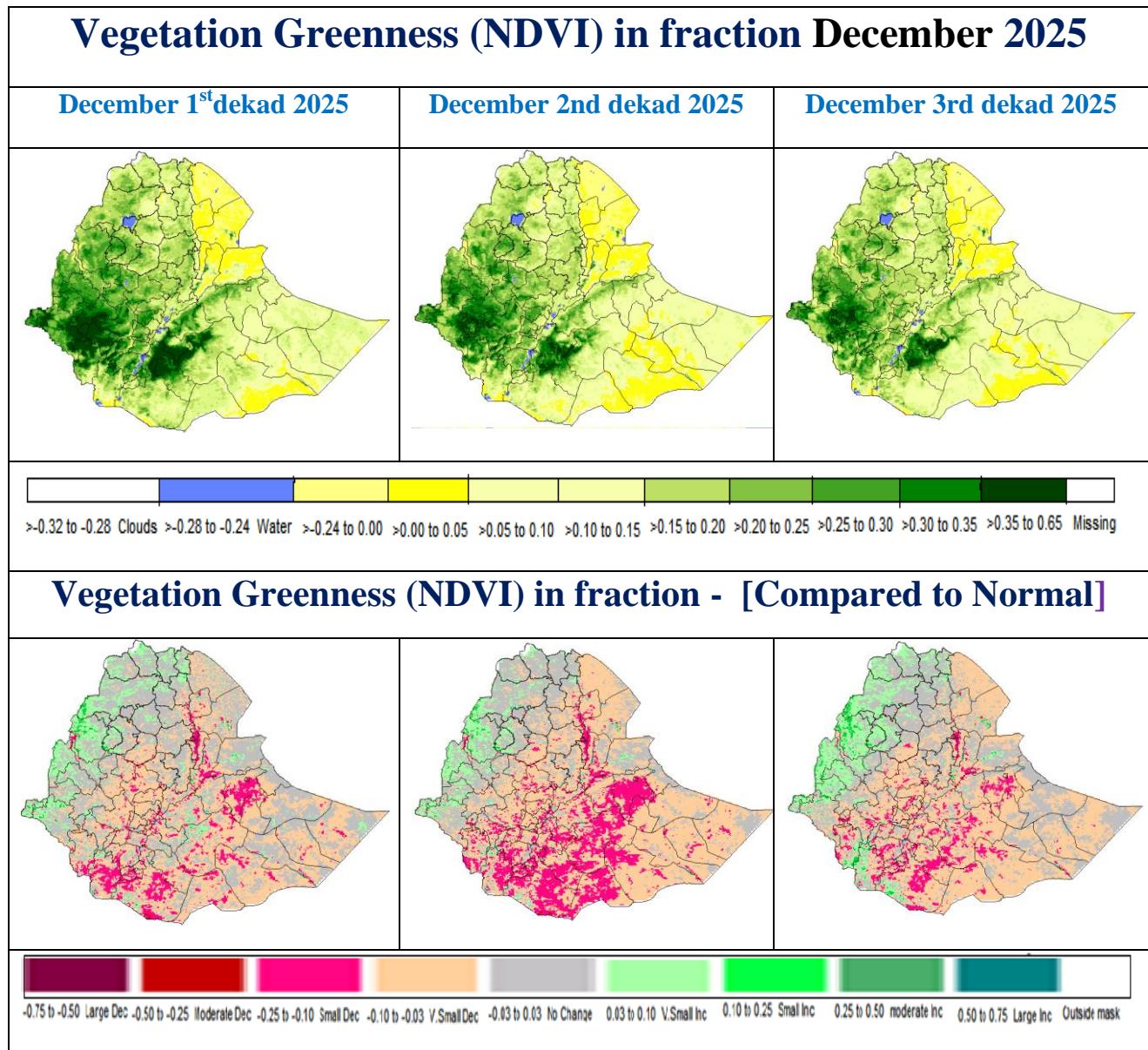


Fig.7 Vegetation Greenness (NDVI) in fraction and Compared to Normal December 2025.

2.2 EXPECTED WEATHER IMPACT ON AGRICULTURE DURING THE COMING MONTH OF JANUARY 2026.

In the coming month of January 2026, the dry conditions prevailing in most parts of the country which expected to create favorable conditions for the implementation of harvest post-harvest activities. On the other hand, at the first week of on the begning of the month light to moderate moisture expected over the western, southwestern, north-eastern and central parts of the country will have a positive impact on the areas of southern Oromia that produce Bega crops as well as positive contribution of the provision of pasture and drinking water for pastoral and semi-pastoral areas. However, the expected occasional unseasonal rain may disrupt ongoing post-harvest activities in the Meher producing areas, where crops like sesame, Teff, barley, oats, and wheat, as well as early-planted long-cycle crops such as maize and sorghum. Therefore, post-harvest activities should be undertaken promptly to avoid unnecessary harvest and post-harvest losses. Moreover the related with dry, windy and cloud free condition might encourage cold weather at night and morning time during the month over northern, eastern, central and southern highland. This condition is likely to be detrimental negative effect on the overall performance of vegetables, fruits and perennial plants which planted by supplementary irrigation Therefore, farmers are advised to be ready to take the necessary measures so as to maintain the plant environment as warm as possible.

2. DEFINITION OF TERMS

ABOVE NORMAL RAINFALL: - Rainfall in excess of 125% of the long term mean

BELOW NORMAL RAINFALL: - Rainfall below 75 % of the long term mean.

NORMAL RAINFALL: - Rainfall amount between 75 % and 125 % of the long term mean.

BEGA: - It is characterized with sunny and dry weather situation with occasional falls. It extends from October to January. On the other hand, it is a small rainy season for the southern and south eastern lowlands under normal condition. During the season, morning and night times are colder and daytime is warmer.

BELG: - Small Rainy season that extends from February to May and covers southern, central, eastern and north-eastern parts of the country.

CROP WATER REQUIREMENTS: - the amount of water needed to meet the water loss through evapotranspiration of a disease free crop, growing under non-restricting soil conditions including soil water and fertility.

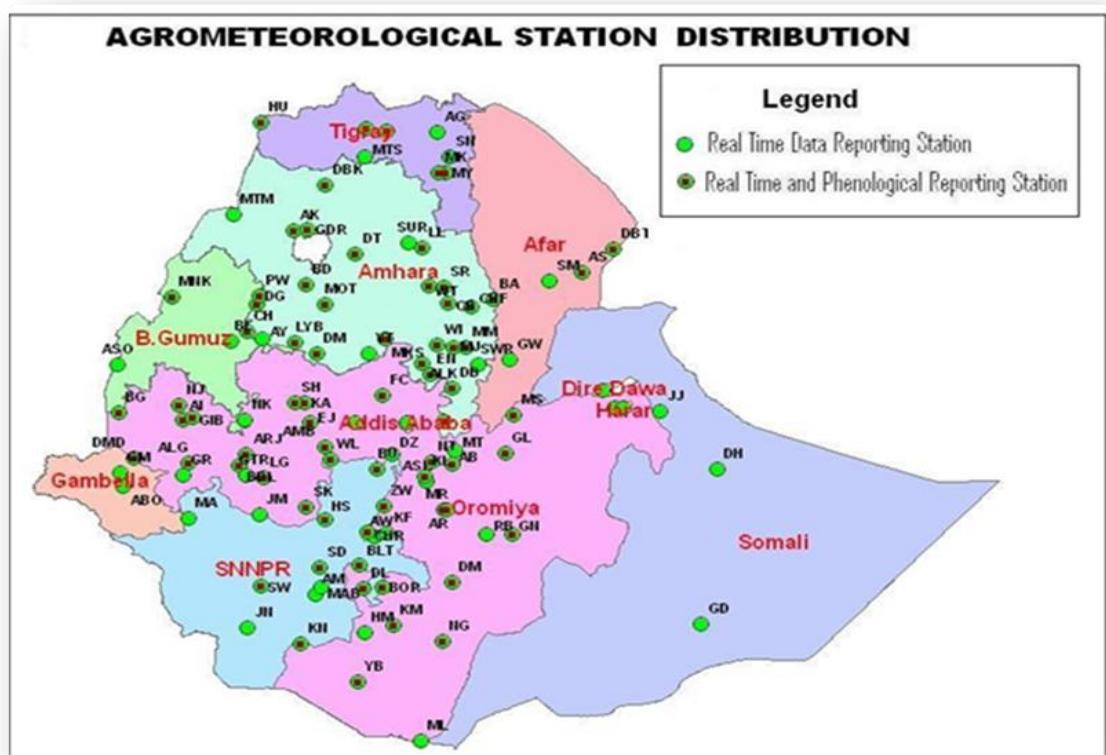
DEKAD: - First or second ten days or the remaining days of a month.

EXTREME TEMPERATURE: - The highest or the lowest temperature among the recorded maximum or minimum temperatures respectively.

ITCZ: - Inter-tropical convergence zone (narrow zone where trade winds of the two hemispheres meet.

KIREMT: - Main rainy season that extends from June to September for most parts of the country with the exception of the south-eastern lowlands of the country.

RAINY DAY: - A day with 1 or more mm of rainfall amount



Station	Code	Station	Code	Station	Code	Station	Code
A. Robe	AR	D. Zeit	DZ	Humera	HU	Nazereth	NT
A.A. Bole	AA	D/Dawa	DD	Jijiga	JJ	Nedjo	NJ
Adigrat	AG	D/Mena	DOM	Jimma	JM	Negelle	NG
Adwa	AD	D/Odo	DO	Jinka	JN	Nekemte	NK
Aira	AI	D/Tabor	DT	K.Dehar	KD	Pawe	PW
Alemaya	AL	Dangla	DG	K/Mingist	KM	Robe	RB
AlemKetema	ALK	Dilla	DL	Kachise	KA	Sawla	SW
Alge	ALG	Dm.Dolo	DMD	Koffele	KF	Sekoru	SK
Ambo	AMB	Dubti	DBT	Konso	KN	Senkata	SN
Arba Minch	AM	Ejaji	EJ	Kulumsa	KL	Shambu	SH
Asaita	AS	Enwary	EN	Lalibela	LL	Shire	SHR
Asela	ASL	Fiche	FC	M.Meda	MM	Shola Gebeya	SG
Assosa	ASO	Filtu	FL	M/Abaya	MAB	Sirinka	SR
Awassa	AW	Gambela	GM	Maichew	MY	Sodo	SD
Aykel	AK	Gelemso	GL	Majete	MJ	WegelTena	WT
B. Dar	BD	Ginir	GN	Masha	MA	Woliso	WL
Bati	BA	Gode	GD	Mekele	MK	Woreilu	WI
Bedelle	BDL	Gonder	GDR	Merraro	MR	Yabello	YB
BUI	BU	Gore	GR	Metehara	MT	Ziway	ZW
Combolcha	CB	H/Mariam	HM	Metema	MTM		
D. Berehan	DB	Harer	HR	Mieso	MS		
D. Habour	DH	Holleta	HL	Moyale	ML		
D. Markos	DM	Hossaina	HS	M/Selam	MSL		