

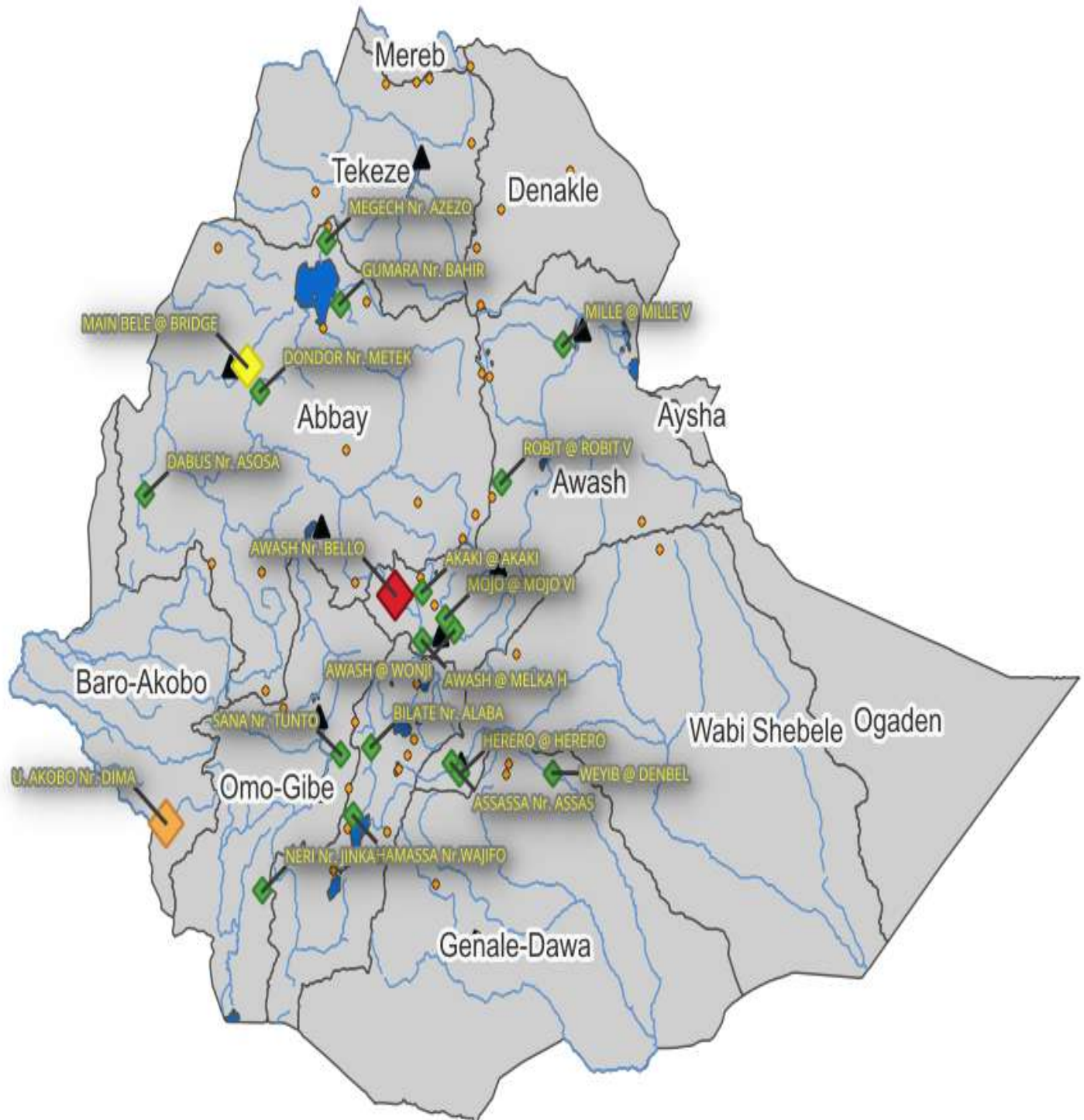


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MINISTRY OF WATER AND ENERGY
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SMHI
WACCA-ETHIOPIA

Summary of on-going hydro-meteorological alerts on 07-07-2025 Forecast period: 07-07-2025 to 10-07-2025
All information is based on forecasts and is therefore subject to uncertainties.



Alert Map

Hydrological stations

- ◆ Normal flow
- ◆ 5 to 25 years return period
- ◆ 25 to 50 years return period
- ◆ More than 50 years return period

- Cities above 20 000 people

- ▲ Major Dams

Water

- Lakes
- Rivers
- Basins



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MINISTRY OF WATER AND ENERGY
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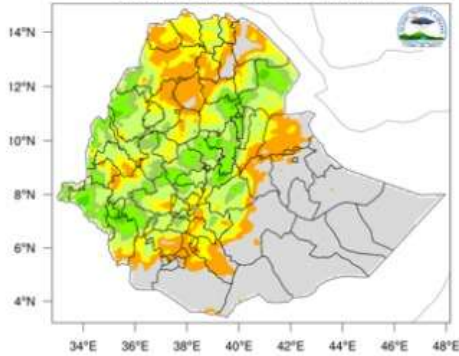
Alert Summary							
Station name	Basin	Alert level	Issued	Onset	Peak Discharge	Expires	Description
AKAKI @ AKAKI	Awash	Green	07-07-2025	08-07-2025	9.72 m3/s	10-07-2025	
ASSASSA Nr. ASSAS	Washable	Green	07-07-2025	08-07-2025	1.371 m3/s	10-07-2025	
AWASH @ MELKA H	Awash	Green	07-07-2025	10-07-2025	154.7 m3/s	10-07-2025	
AWASH @ WONJI	Awash	Green	07-07-2025	10-07-2025	34.6 m3/s	10-07-2025	
AWASH Nr. BELLO	Awash	Red	07-07-2025	10-07-2025	40.299m3/s	10-07-2025	Rainfall in the upper catchment.
BILATE Nr. ALABA	RVLB	Green	07-07-2025	10-07-2025	14.59 m3/s	10-07-2025	
DABUS Nr. ASOSA	Abay	Green	07-07-2025	10-07-2025	140.58 m3/s	10-07-2025	
DONDOR Nr. METEK	Abay	Green	07-07-2025	09-07-2025	29.88 m3/s	10-07-2025	
GUMARA Nr. BAHIR	Abay	Green	07-07-2025	08-07-2025	49.6 m3/s	10-07-2025	
HAMASSA Nr. WAJIFO	RVLB	Green	07-07-2025	08-07-2025	0.73 m3/s	10-07-2025	
HERERO @ HERERO	Washable	Green	07-07-2025	10-07-2025	0.74 m3/s	10-07-2025	
MAIN BELES @ BRIDGE	Abay	Yellow	07-07-2025	08-07-2025	320 m3/s	10-07-2025	
MEGECH Nr. AZEZO	Abay	Green	07-07-2025	10-07-2025	24.95 m3/s	10-07-2025	
MILLE @ MILLE V	Awash	Green	07-07-2025	08-07-2025	24.5 m3/s	10-07-2025	
MOJO @ MOJO VI	Awash	Green	07-07-2025	10-07-2025	54.2 m3/s	10-07-2025	
NERI Nr. JINKA	Omo-Giba	Green	07-07-2025	08-07-2025	1.26 m3/s	10-07-2025	
ROBIT @ ROBIT V	Awash	Green	07-07-2025	09-07-2025	1.443m3/s	10-07-2025	
SANA Nr. TUNTO	RVLB	Green	07-07-2025	09-07-2025	3.47 m3/s	10-07-2025	
U. AKOBO Nr. DIMA	Baro-Akobo	Orange	07-07-2025	08-07-2025	50.23 m3/s	10-07-2025	
WEYIB @ DENBEL	Genale-Dawa	Green	07-07-2025	10-07-2025	10.9 m3/s	10-07-2025	



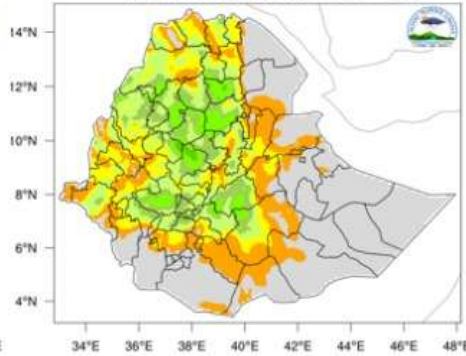
Gambella Region: Orange Alert – Communities in Gog, Lare, Jor, and Wanthwa woredas of the Anywaa and Nuer Zones

Forecast issued date:07/07/2025

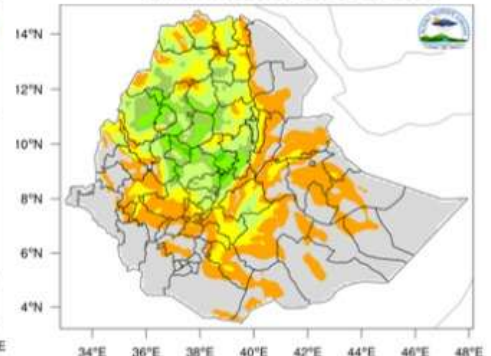
Rainfall forecast for 08 Jul 2025



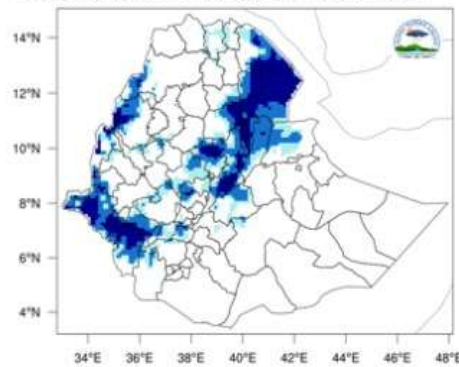
Rainfall forecast for 09 Jul 2025



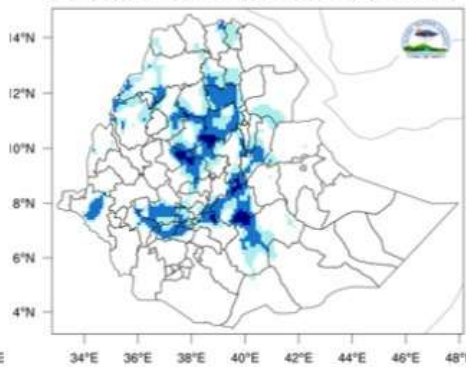
Rainfall forecast for 10 Jul 2025



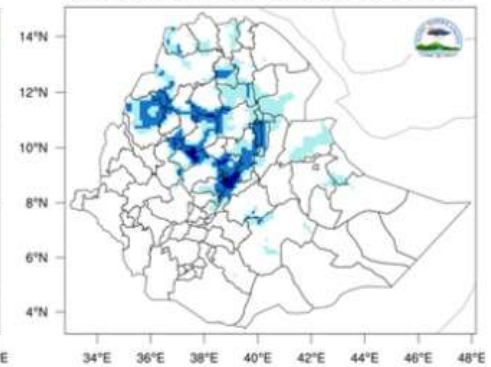
Exceptional Rainfall forecast for 08 Jul,2025



Exceptional Rainfall forecast for 09 Jul,2025



Exceptional Rainfall forecast for 10 Jul ,2025



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Note: Light to heavy rainfall is expected over Tigray, Amhara, Afar, Oromia, Benishangul Gumuz, Gambella, Southwest Ethiopia, South Ethiopia, Central Ethiopia, Sidama, Dire Dawa, Harari, and northern Somali regions for the coming three days. Moreover, heavy and extremely heavy (ranking in the top 10–1%) rainfall is expected over Tigray, Afar, Amhara, western, southern, and central Oromia, Gambella, Benishangul Gumuz, southwest Ethiopia, central Ethiopia, and northern Somali regions.

Static information

Hydrological EWS

This alert has been issued by the Surface Water Desk at MoWE

Hydrological model

The hydrological situation has been assessed using the HYPE hydrological model and is the primary tool, alongside reservoir levels, for determining when and where a hydrological warning should be issued in Ethiopia.

The model is updated daily with meteorological forecasts from ECMWF (European Centre for Medium-Range Weather Forecasts) with a resolution of ~50 km. The forecasts have been adjusted for hydrological applications within the product HydroGFD 3.0.

Forecasts are provided with lead times of maximum 3 days.

Warning thresholds are based on return periods:

- **Green.** Predicted or observed discharge is at or above the 2-year return period level, but below the 5-year level.
- **Yellow warning.** Predicted or observed discharge is at or above the 5-year return period level, but below the 25-year level.
- **Orange warning.** Predicted or observed discharge is at or above the 25-year return period level, but below the 50-year level or critical reservoir level exceeded.
- **Red warning.** Predicted or observed discharge is at or above the 50-year return period level

Reservoir management is conducted at 11 designated sites using predefined thresholds based on historical dam exceedance data, with results reported separately. The name of the dams that reservoir management analysis conducted are Amerti Neshe, Fincha, GERD, Gibe 3, Gilgel Gebe -1, Kesem, Koka, Melka Wakena, Tana Beles, Tendaho and TK -5.

Information on small-scale flash flooding cannot currently be provided by the model. **It should also be understood that all forecast products have significant uncertainties.**

Table explanation

Issue:	The day the alert was issued
Onset:	The day that the flooding (Maximum) Flow starts.
Peak flow:	The peak discharge (streamflow) on a given day
Expires:	The End Day of Forecast.

Contact information

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