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Weather Forecast and Flood Impact on Croplands (area planted)

1st October 2025

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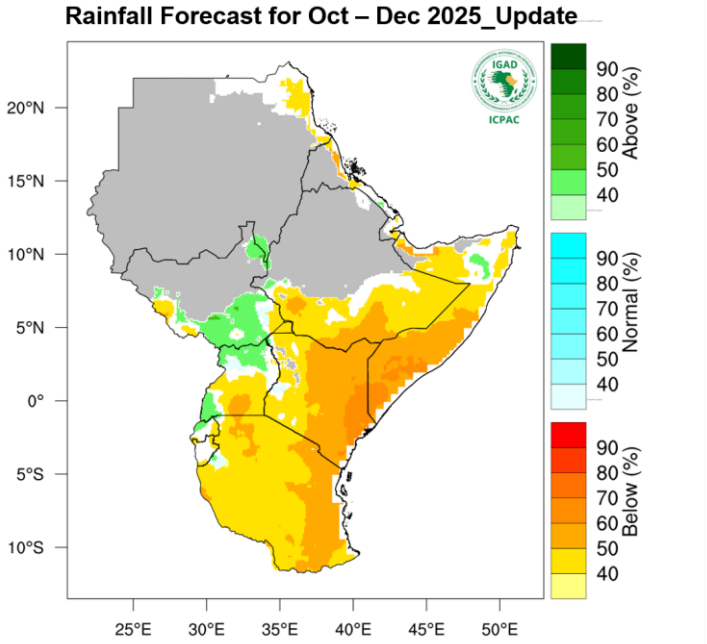
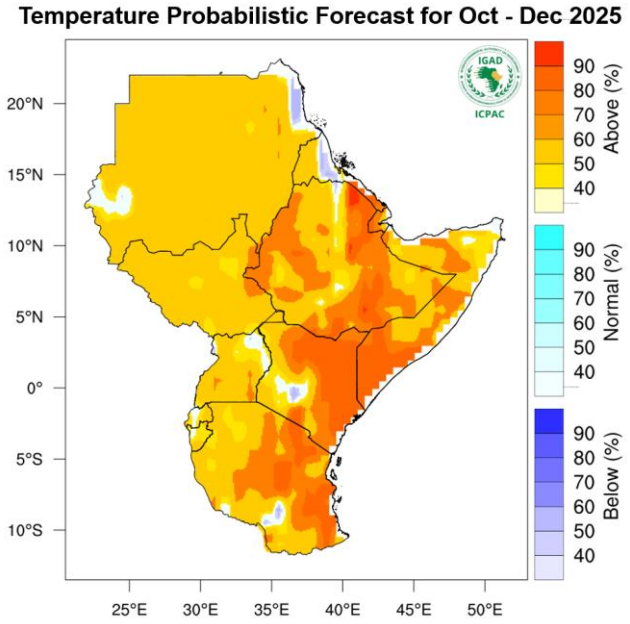
Seasonal Forecast (October to December 2025)



- Wetter than usual conditions expected over southern parts of South Sudan, part of north-eastern Somalia, northern and south-western Uganda, and northern parts of Rwanda.
- Drier than usual conditions expected over most parts of Somalia, Djibouti, coastal Sudan and Eritrea, southern Ethiopia, Kenya, central to southern Uganda, and Tanzania.



- Warmer than average conditions expected over most parts of the region with highest probabilities over parts of Kenya, Ethiopia, Djibouti, Somalia, and Tanzania.
- Normal to cooler than normal temperature conditions likely to be recorded over coastal areas of Sudan and northern central Eritrea.

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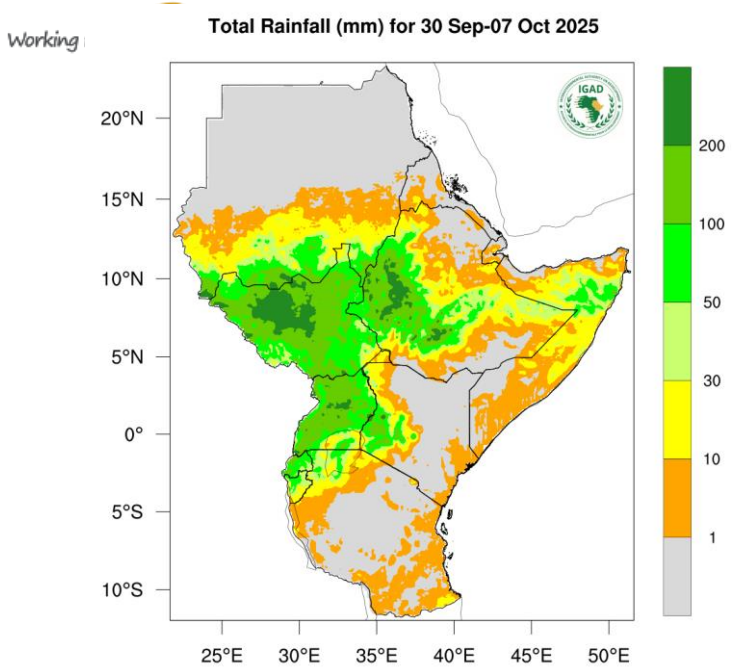
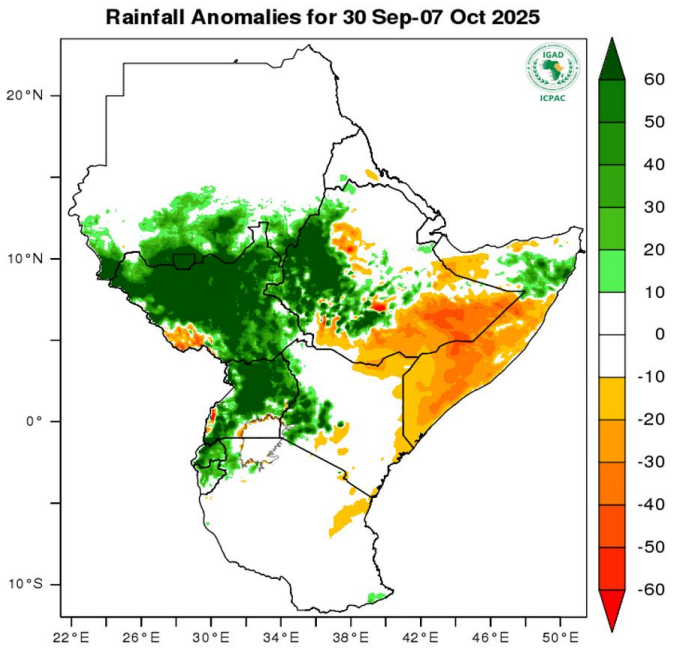
Weekly Rainfall Forecast (30 September - 07 October 2025)

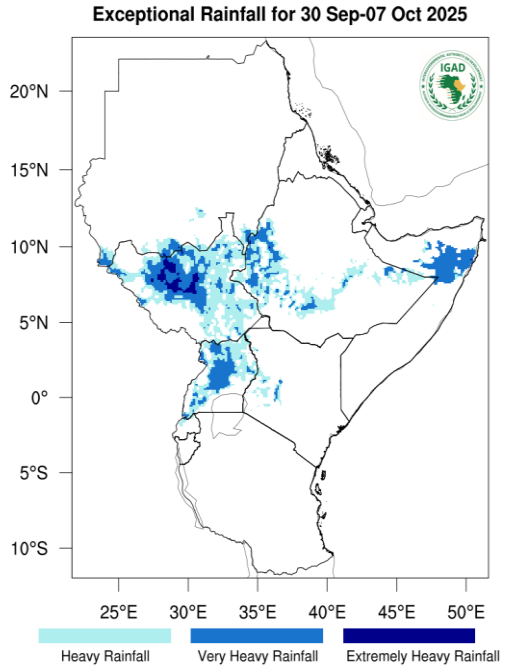


- Heavy rainfall (above 200mm) expected over parts of central to northern South Sudan and western Ethiopia.
- Moderate rainfall (50-200mm) expected in most parts of Rwanda, Uganda, northern Burundi, western Kenya, South Sudan, western Kenya and northern Somalia.
- Light rainfall (less than 50 mm) expected in parts of southern Sudan, eastern Ethiopia, central to southern Somalia, southern and eastern Tanzania.



Rainfall Anomalies

- More than usual rainfall expected over most parts of South Sudan, Uganda, northern Burundi, Rwanda, parts of northern Somalia and western Kenya.
- Less than usual rainfall expected over southern Ethiopia and central to southern Somalia.



Exceptional rainfall
Rainfall exceeding the 90th percentile (the highest 10% on record) expected over areas in central to northern South Sudan, western Ethiopia, northern Somalia and central to northern Uganda.

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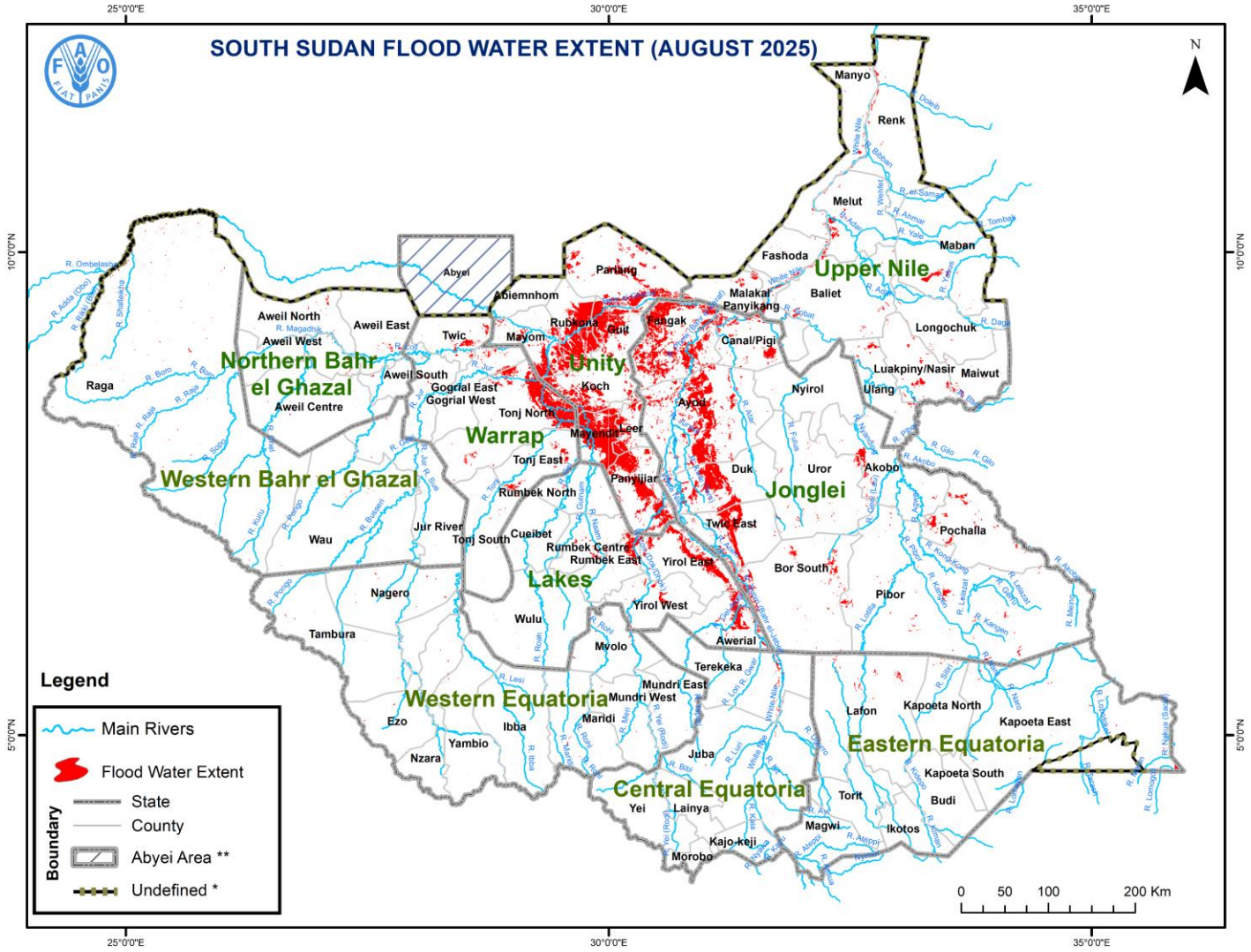
Flooded Areas



Flooded States:

- Unity
- Jonglei
- Upper Nile
- Lakes
- Warrap
- Northern Bahr el Ghazal

Data Source: UNOSAT

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Flood Impact on Croplands

States	Estimated Cropland affected (Ha)
Central Equatoria	169.9
Eastern Equatoria	260.9
Northern Bahr Ghazal	4152.6
Unity	12615.5
Upper Nile	13347.8
Warrap	218.0
Western Bahr Ghazal	81.8
Western Equatoria	0
Jonglei	182.0
Lakes	52.0
Grand Total	**31080.9**

The most affected states are Upper Nile, Unity, Northern Bahr Ghazal, Warrap.

Other affected states include EES, CES, Jonglei, WBG, Lakes.

WES is not affected

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Crop-Specific Flood Impact by State

State	Crops Most Affected	Notes on Impact
Upper Nile	Sorghum, Cowpea	Sorghum in lowlands inundated; cowpea pods rotting
Unity	Sorghum, Groundnut, Vegetables	Waterlogging causing grain rot and vegetable garden losses
Northern Bahr el Ghazal	Sorghum, Maize, Groundnut	Staple cereals submerged; legumes at pod stage lost
Warrap	Sorghum, Cowpea, Groundnut, Vegetables	Staples plus household nutrition crops highly affected
Jonglei	Sorghum, Rice, Maize	Extensive floodplains leading to cereal loss
Lakes	Sorghum, Maize, Vegetables	Lowland cereals submerged; kitchen gardens wiped out
Central Equatoria (CES)	Maize, Vegetables	Urban/peri-urban vegetable plots vulnerable; cassava moderately affected
Eastern Equatoria (EES)	Maize, Sorghum, Vegetables	Localized flooding hitting both cereals and kitchen gardens
Western Bahr el Ghazal (WBG)	Sorghum, Cassava, Vegetables	Mixed farming areas with risk to cereals and cassava roots
Western Equatoria (WES)	Minimal Impact	No significant flooding reported

THANK YOU!

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