

TEN DAY BULLETIN

Issue No: 202009

Dekad: 21-31 March 2020



Key messages

Forecast (21-31 March 2020)

- **Widespread rainfall** activity is expected in the Southern and equatorial countries of GHA
- **Thermal discomfort** is expected in Central and northern parts of South Sudan

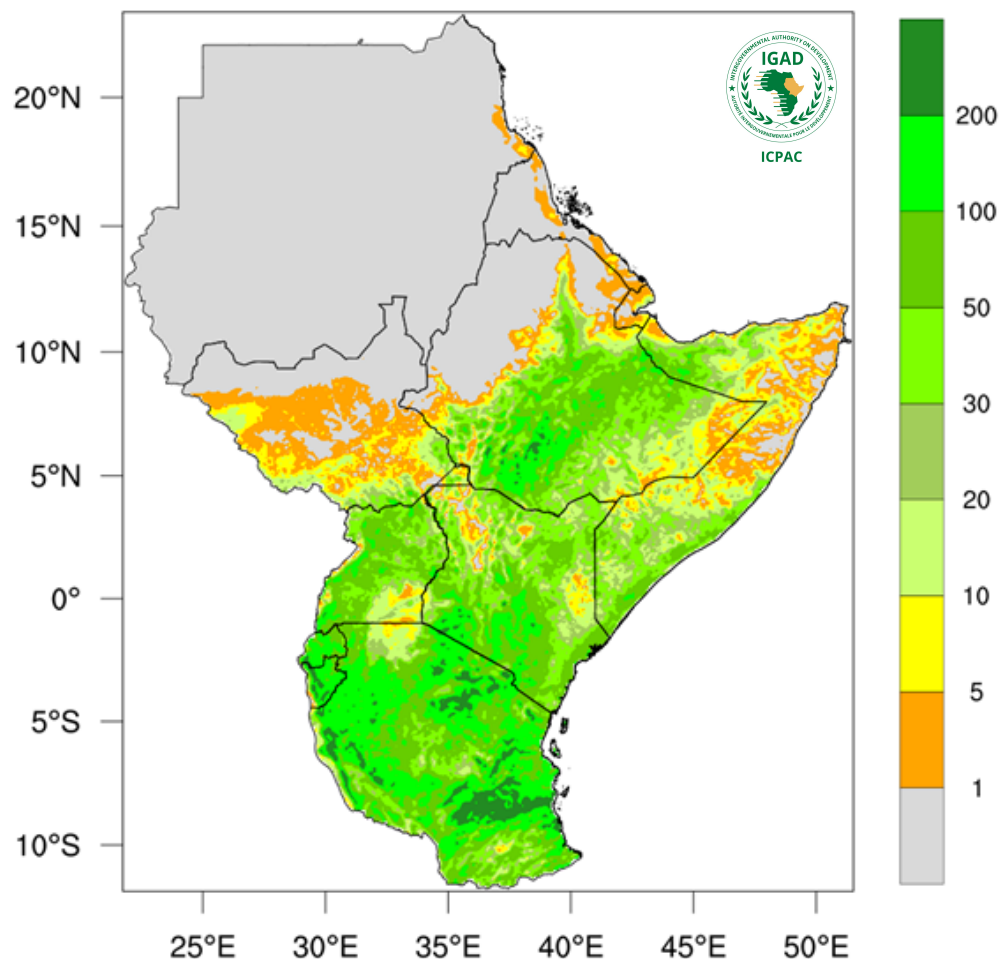
Observed rainfall (1-10 March 2020)

- **Significantly drier than normal** conditions observed in Southern Tanzania.
- **Very Good than usual average rainfall** observed in southern and coastal parts of Tanzania, southern, central and western parts of Kenya, eastern parts of Uganda.
- **Unusual high daytime temperature anomalies** is recorded in western Sudan and eastern Kenya and **Unusual hot** nights is recorded in most parts of Kenya



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Rainfall Forecast 21-31 March 2020



Range	Category
<1 mm	No rain
1 – 10 mm	Dry conditions
10 -50 mm	Light rain
50 -100 mm	Moderate rainfall
100 - 200 mm	Heavy Rainfall
> 200 mm	Very heavy

Forecast



Heavy rainfall above 200 mm forecasted in some regions of south eastern, northern & western Tanzania and western Burundi



Moderate rainfall in the range 50-200 mm is forecasted in much of Tanzania, Rwanda, Burundi, central Kenya, much of Uganda, north western Somalia and central Ethiopia



Light rainfall in the range of 1-30 mm expected in northern South Sudan, parts of central Ethiopia and parts of northern and central Somalia



Dry conditions are forecasted in Sudan, northern South Sudan, northern Ethiopia, much of Eritrea and western Djibouti

Alerts



Widespread rainfall activity is expected in the Southern and equatorial countries of Eastern Africa

Expected Impacts



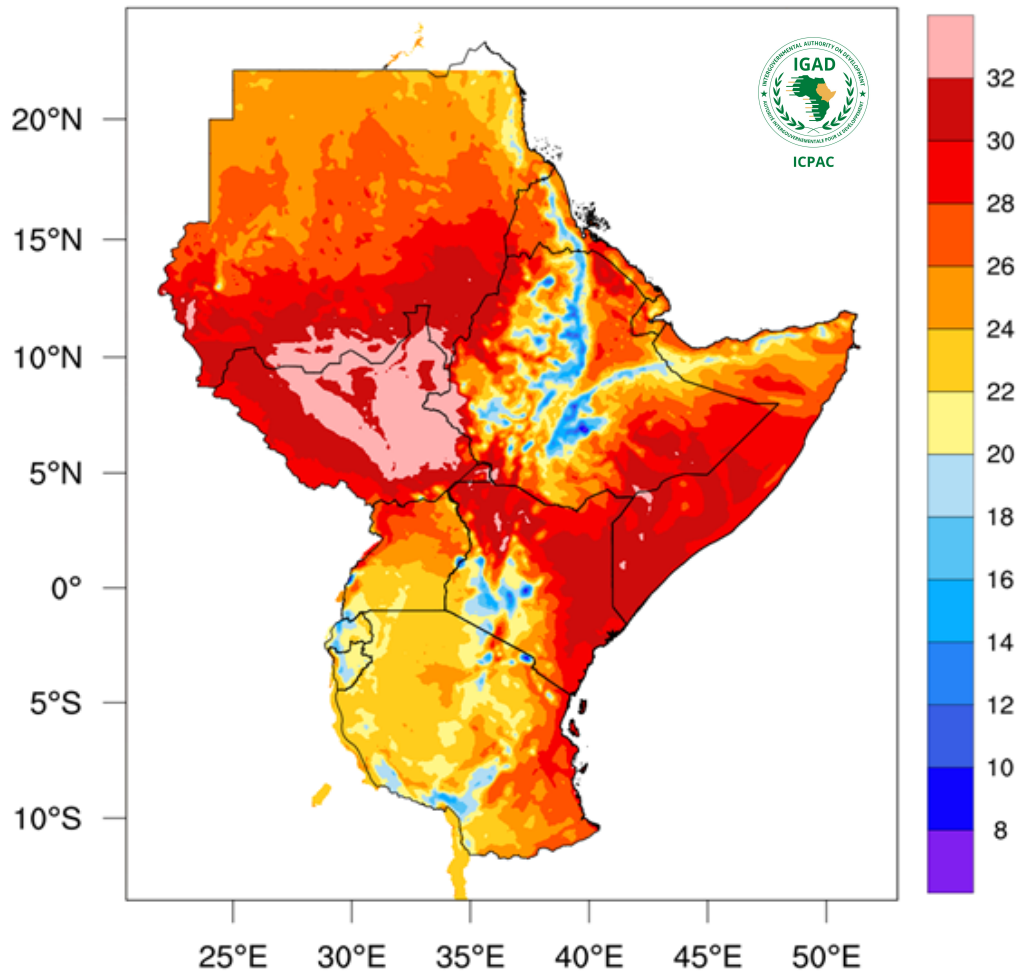
Positive impacts: Improvement in water quality and accessibility, favorable agricultural conditions, pasture and food security in most parts of Tanzania and Burundi, Rwanda, Uganda, southern, western and central Kenya. **Negative impacts:** Possible outbreak of water and vector born diseases such as Malaria in southern and equatorial countries of the region

Advisories



Farmers and pastoralist in in the southern and equatorial countries of Eastern Africa

Temperature Forecast 21-31 March 2020



Range	Category
< 18°C	Low temperature
20°C - 30°C	Moderate temperature
> 30°C	High temperature

Forecast



High mean temperatures above 30°C in much of South Sudan, northwestern and Eastern Kenya, southwestern Somalia, parts of southeast Ethiopia and southern parts of Sudan



Moderate conditions in the range 20-30 °C in much of Sudan, Uganda, Tanzania, southern & western Kenya, northern Somalia, Djibouti, Eritrea and parts of eastern & northern Ethiopia



Mean temperatures less than 18 °C in central Ethiopia, parts of central & western Kenya and isolated regions in Rwanda, Burundi, Tanzania, Eritrea, and Somalia

Alerts



High temperature discomfort in central and northern parts of South Sudan.

Expected Impacts



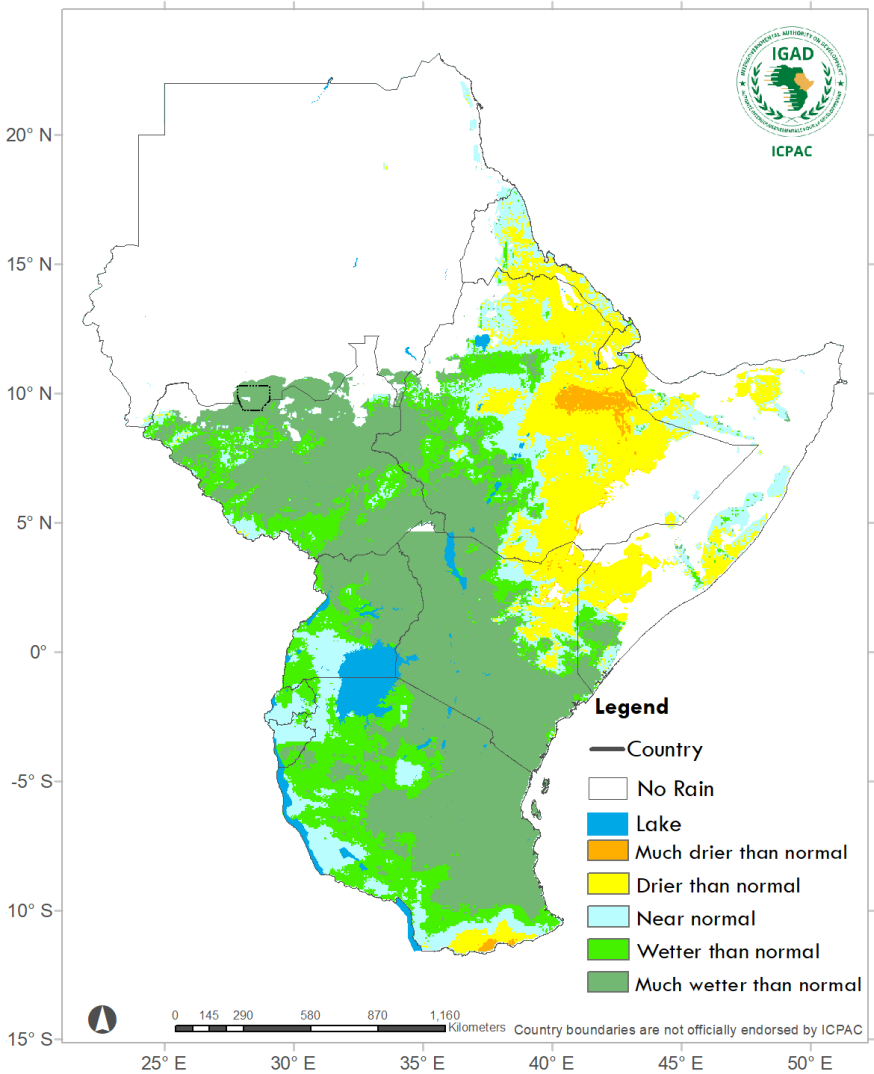
Thermal discomfort expected in Central and northern parts of South Sudan.

Advisories



People in Central and northern parts of South Sudan advises to take some measures such as shelters and shades to reduce the high temperature discomfort.

Observed rainfall (Percent of normal) 1-10 March 2020



Range	Category
< 30 %	Much drier than normal
75 - 30 %	Drier than normal
75 -125 %	Near normal
125- 200 %	wetter than normal
> 200 %	Much water than normal

Anomalies



Much drier than normal conditions in central Ethiopia and southern Tanzania.



Drier than normal conditions observed in central Ethiopia, northeastern Kenya and southern Tanzania



Near normal conditions observed in areas adjusted to Lake Tanganyika in Tanzania, northern Burundi and Southern Rwanda.



Wetter than normal conditions observed in much parts of western Tanzania



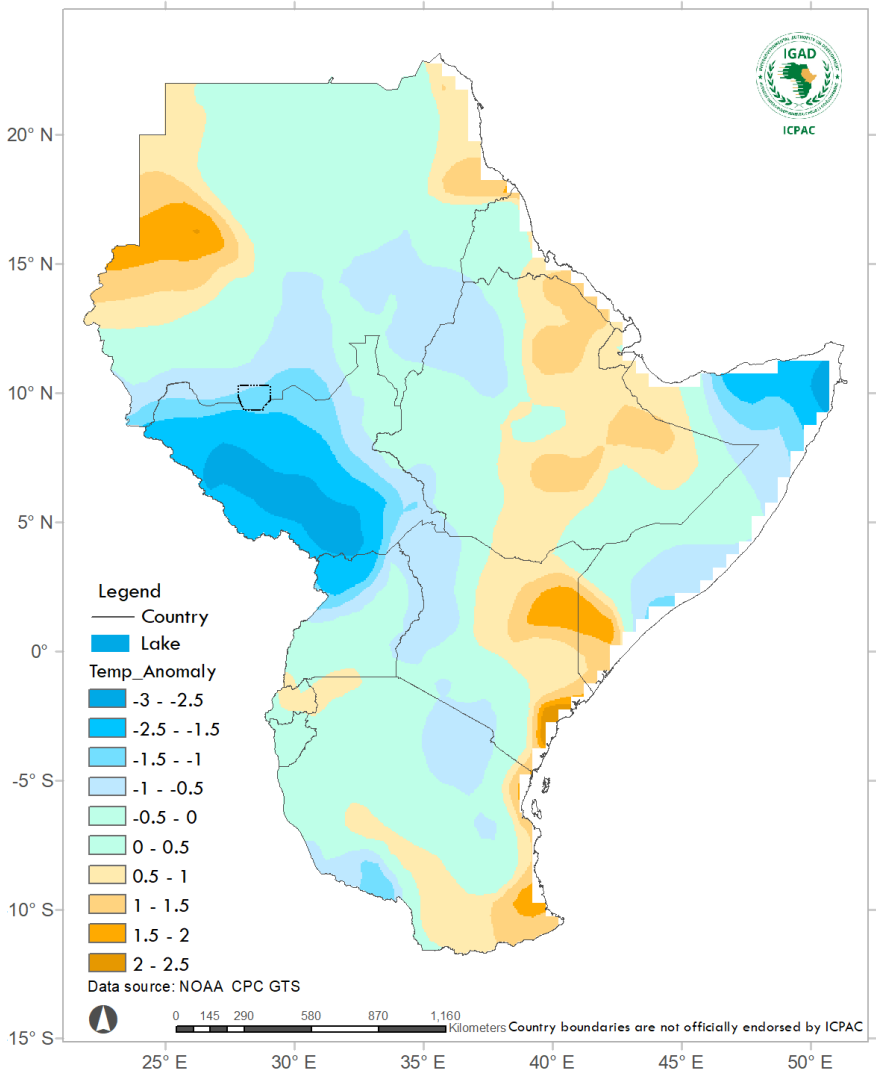
Much wetter than usual average observed in southern and coastal parts of Tanzania, southern, central and western parts of Kenya, eastern parts of Uganda.

Alerts



Flash floods observed in some areas in Southern Tanzania.

Observed Maximum Temperature anomalies 1-10 March 2020



Range	Category
<0.6 °C	Warmer than normal
-0.5 - 0.5°C	Normal temperature
>0.6 °C	Cooler than normal

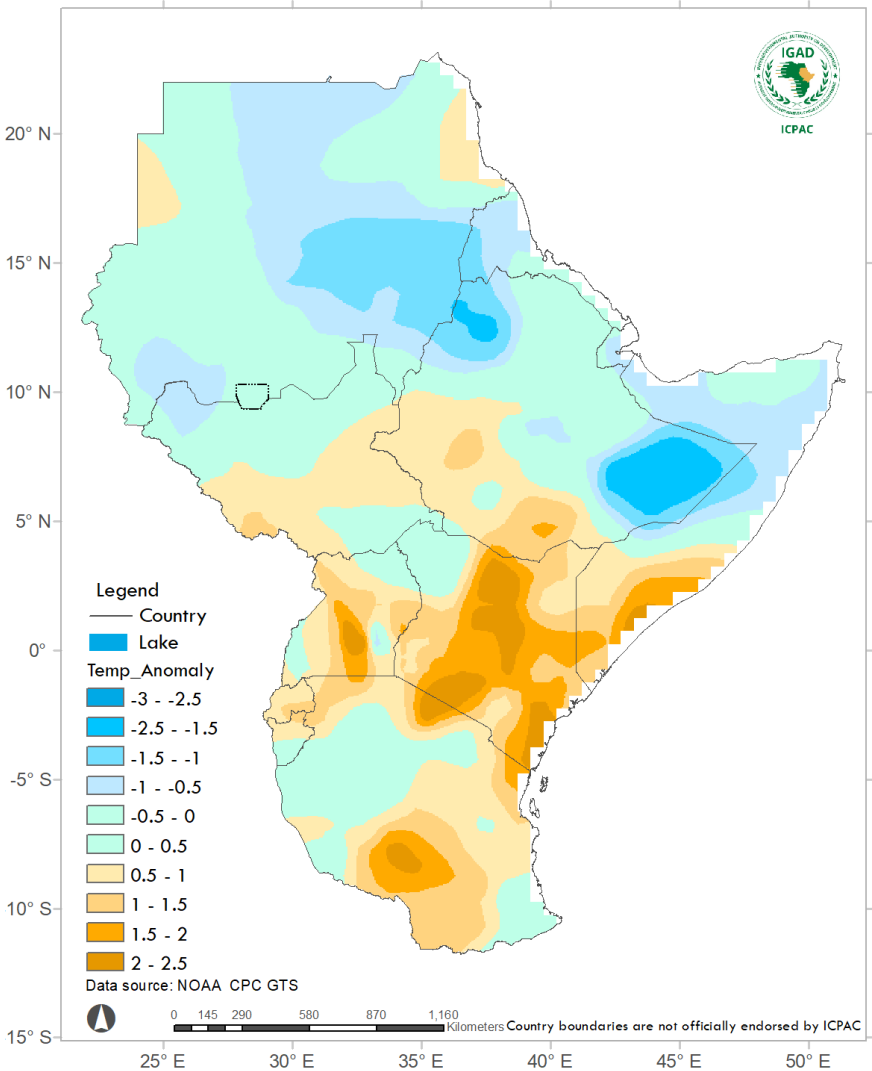
Maximum Temperature anomalies

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- Warmer than normal** maximum temperature (daytime hotter than usual) recorded over western Sudan, South Tanzania, eastern and coastal parts of Kenya
-
- Normal day time temperature** recorded in northern Sudan, western Ethiopia, central and southern Uganda, everywhere in Burundi, Southern Kenya and most parts of Tanzania
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- Cooler than average maximum temperature** (daytime cooler than usual) recorded over most parts of South Sudan and northern Somalia

Alerts


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- Unusual high daytime temperature anomalies** is recorded in western Sudan and eastern Kenya


Observed Minimum Temperature anomalies 1-10 March 2020




Range	Category
<0.6 °C	Warmer than normal
-0.5 - 0.5°C	Normal temperature
>0.6 °C	Cooler than normal

Minimum Temperature anomalies


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Warmer than average minimum temperature (nighttime hotter than usual) recorded over most parts of Kenya, central Uganda, Southwestern Tanzania and southern Somalia
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Normal temperature recorded in Darfur region and eastern Sudan, eastern Ethiopia, northwestern Tanzania, Southeastern South Sudan, Northeastern Uganda and northwestern Kenya.
- 

Cooler than average minimum (nighttime cooler than usual) recorded over eastern Sudan, Southeastern and northwestern Ethiopia.

Alerts

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Unusual hot nights is recorded in most parts of Kenya



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