



Food and Agriculture  
Organization of the  
United Nations



Somalia Water and Land Information Management



## *Rainfall Update in Somalia*



Common  
Humanitarian  
Fund

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# **Somaliland Rainfall Update**

## **(March – 04 May 2017)**

The Gu rainy season kicked off in the last week of March in some areas of Somaliland including southern parts of Awdal, Woqooyi Galbeed and Togdheer regions. The March rains were poorly distributed in terms of space and time, but provided an immediate relief to water stressed areas.

The month of April saw a reduction of rainfall activities with most stations recording below normal rains for the month. There was a relief in the last week of April when heavy rains were observed in many areas.

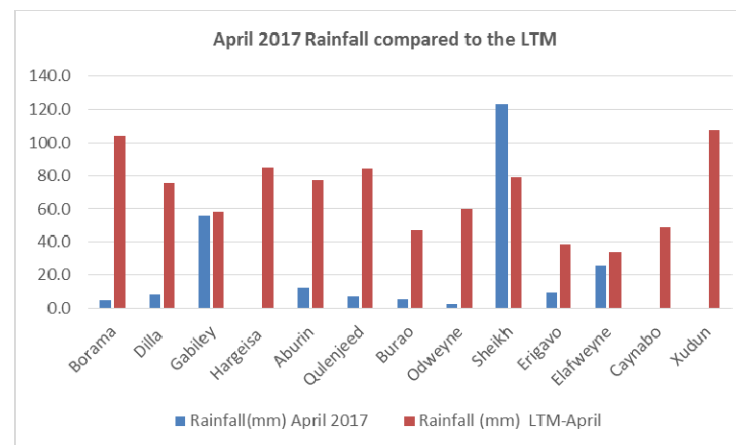
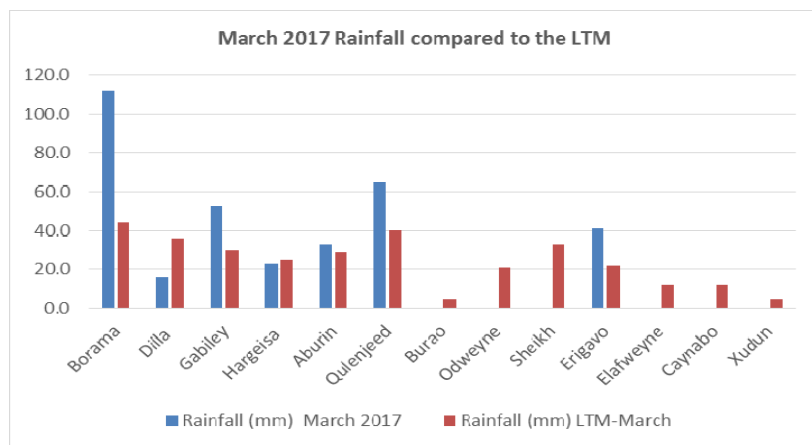
A few stations continued to receive rains in the beginning of May especially in Togdheer region

In general, despite the good short lived rains, the amounts so far received in Somaliland are below average and not adequate to support the current water stress in the area. More rains with good distribution are required to end water scarcity.

The Forecast for the coming two weeks calls for continued rains in the area especially in Woqooyi Galbeed and Togdheer regions

# Somaliland Rainfall Update (March – 04 May 2017)

Area	Station	Region	Rainfall (mm) March 2017	Rainfall (mm) LTM-March	Rainfall(mm) April 2017	Rainfall (mm) LTM-April	Rainfall (mm) 1st to 4th May 2017
Somaliland	Borama	Awdal	112.0	44.0	5.0	104.0	5.5
	Dilla	Awdal	16.0	36.0	9.0	75.0	0.0
	Gabiley	W/ Galbeed	52.5	30.0	56.0	58.0	4.0
	Hargeisa	W/ Galbeed	23.0	25.0	0.0	85.0	23.0
	Aburin	W/ Galbeed	33.0	29.0	13.0	77.0	0.0
	Qulenjeed	W/ Galbeed	65.0	40.0	7.5	84.0	8.0
	Burao	Togdheer	0.0	5.0	6.0	47.0	66.0
	Odweyne	Togdheer	0.0	21.0	3.0	60.0	28.0
	Sheikh	Togdheer	0.0	33.0	123.0	79.0	0.0
	Erigavo	Sanaag	41.0	22.0	10.0	39.0	0.0
	Elafweyne	Sanaag	0.0	12.0	26.0	34.0	17.0
	Caynabo	Sool	0.0	12.0	0.0	49.0	0.0
	Xudun	Sool	0.0	5.0	0.0	107.0	0.0



# **Puntland Rainfall Update**

## **(March – 04 May 2017)**

The month of April remained dry with drought conditions worsening in many parts of Puntland. The Gu rains were delayed and only kicked off during the last week of April. Heavy rains that led to flash floods were observed on 29 and 30 April 2017.

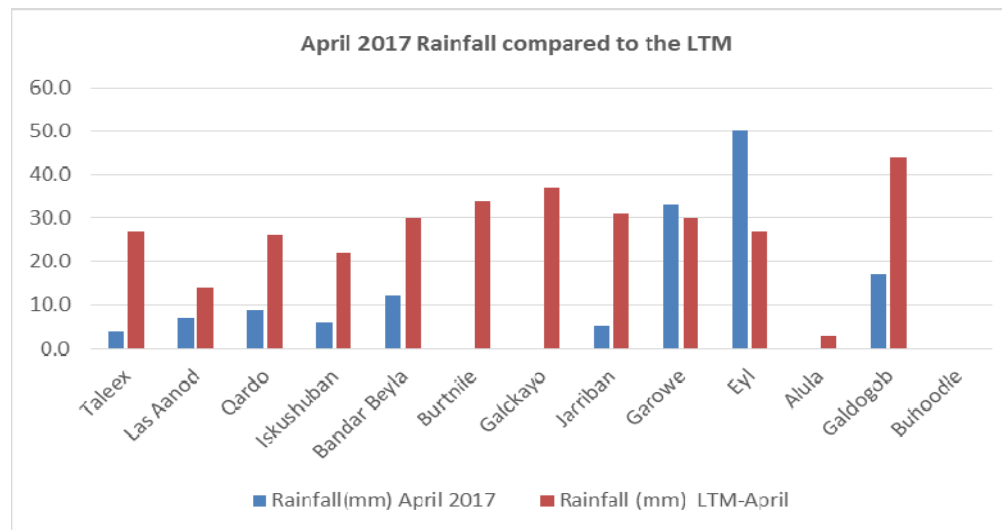
The rains were short lived, distributed in 3 days only. These rains were important for soil moisture replenishment, short term water harvesting and pasture regrowth which needs more rains for sustainability.

Despite the good short lived rains in the last days of April, the amounts so far received in Puntland are below average and not adequate to support the current water stress. More rains with good distribution are required to end water scarcity.

The Forecast for the coming two weeks in the areas calls for a reduction of rainfall activities.

# Puntland Rainfall Update (March – 04 May 2017)

Area	Station	Region	Rainfall (mm) March 2017	Rainfall (mm) LTM-March	Rainfall(mm) April 2017	Rainfall (mm) LTM-April	Rainfall (mm) 1st to 4th May 2017
<b>Puntland</b>	Taleex	<b>Sool</b>	0.0	7.0	4.0	27.0	5.0
	Las Aanod	Sool	0.0	4.0	7.0	14.0	2.0
	Qardo	<b>Bari</b>	0.0	7.0	9.0	26.0	2.0
	Iskushuban	<b>Bari</b>	0.0	3.0	6.0	22.0	4.0
	Bandar Beyla	<b>Bari</b>	0.0	5.0	12.0	30.0	0.0
	Burtnile	<b>Nugaal</b>	0.0	7.0	0.0	34.0	24.0
	Galckayo	<b>Mudug</b>	0.0	5.0	0.0	37.0	11.0
	Jarriban	<b>Bari</b>	0.0	6.0	5.0	31.0	2.0
	Garowe	<b>Nugaal</b>	0.0	7.0	33.0	30.0	59.0
	Eyl	<b>Nugaal</b>	0.0	5.0	50.0	27.0	9.0
	Alula	<b>Bari</b>	0.0	0.0	0.0	3.0	0.0
	Galdogob	<b>Mudug</b>	0.0	4.0	17.0	44.0	34.0
	Buhoodle	<b>Togdheer</b>	0.0		0.0		67.0



# **South and Central regions Rainfall Update**

## **(March – 04 May 2017)**

The South and Central parts of the country saw a very poor start of the seasonal rains which improved the last three days of April, with many places receiving heavy rains.

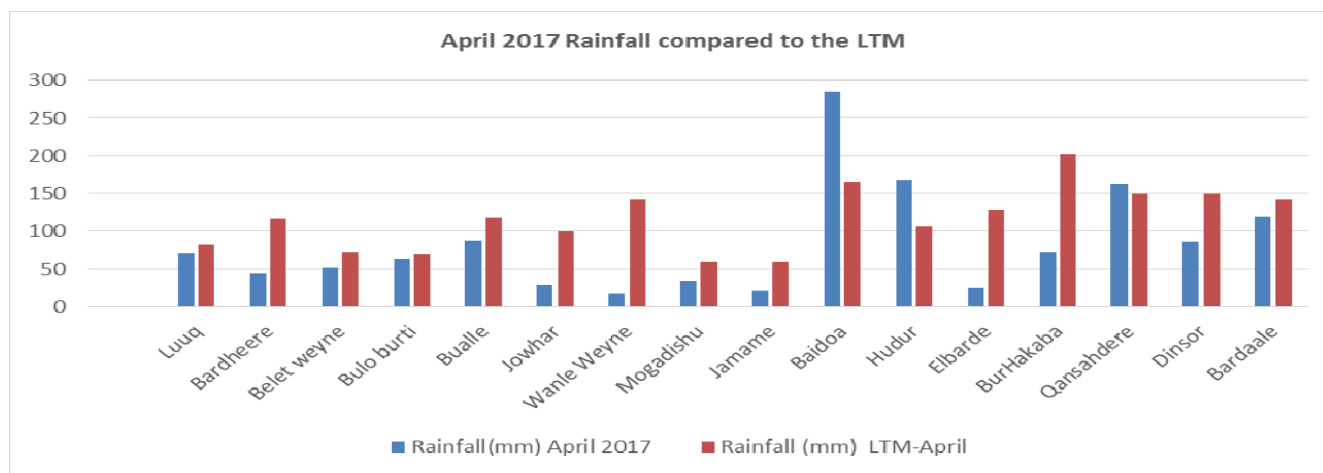
The first three days of May also saw continued rains in a few pockets of the area. These rains are beneficial for late crop planting, pasture regrowth, ground water recharge and other uses.

These rains are however not adequate to end the ongoing crisis of water stress in the area and more rains are required.

The rainfall forecast for the coming two weeks calls for increased rains in the inland areas and the parts bordering Ethiopia including Bakool, Gedo and Hiraan. The coastal areas will receive light rains.

# South and Central regions Rainfall Update (March – 04 May 2017)

Area	Station	Region	Rainfall (mm) March 2017	Rainfall (mm) LTM-March	Rainfall(mm) April 2017	Rainfall (mm) LTM-April	Rainfall (mm) 1st to 4th May 2017
South and Central	Luuq	Gedo	0.0	18.0	71.0	82.0	0.0
	Bardheere	Gedo	0.0	27.0	45.0	117.0	11.0
	Belet weyne	Hiraan	0.0	9.0	52.0	72.0	0.0
	Bulo burti	Hiraan	0.0	11.0	63.0	70.0	0.0
	Bualle	M. Juba	0.0	14.0	88.0	118.0	29.0
	Jowhar	M. Shabelle	0.0	14.0	29.0	100.0	0.0
	Wanle Weyne	L. Shabelle	0.0	20.0	17.0	142.0	31.0
	Mogadishu	Banadir	0.0	4.0	34.0	60.0	39.0
	Jamame	L. Juba	0.0	5.0	22.0	60.0	48.0
	Baidoa	Bay	0.0	23.0	285.0	165.0	Missing
	Hudur	Bakool	0.0	5.0	168.0	107.0	Missing
	Elbarde	Bakool	0.0	13.0	25.0	129.0	Missing
	BurHakaba	Bay	0.0	9.0	72.0	202.0	Missing
	Qansahdere	Bay	0.0	17.0	163.0	150.0	Missing
	Dinsor	Bay	0.0	17.0	86.0	150.0	Missing
	Bardaale	Bay	0.0	17.0	119.0	142.0	Missing



## **Update on River Levels**

Moderate to heavy rains continued to be experienced within the Ethiopian highlands which contributes about 90% of flow to the Juba and Shabelle rivers in Somalia

River levels along the two rivers inside Somalia have subsequently been rising since the last two weeks.

The rising trend is expected to continue in the coming week

There is a possibility of flooding in the middle and lower reaches of Shabelle in the coming days



# Conclusion

There has been widespread rainfall activities across the country in the last seven days

There remains a water deficit in many areas despite the observed rains

Given the rainfall forecast in the Shabelle basin both in Ethiopian and Somalia and the rising trend of river levels, there is a moderate risk of flooding in the middle and lower reaches of the river

There is no risk of flooding foreseen along the Juba

SWALIM and other technical partners will keep monitoring and updating the situation during the coming season



Questions or comments please send to

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Thank you very much