CENTRE AFRI CAIN POUR LES APPLICATIONS
DE LA METEOROLOGIE AU DEVELOPPEMENT

AFRICAN CENTRE OF METEOROLOGICAL
APPLICATIONS FOR DEVELOPMENT

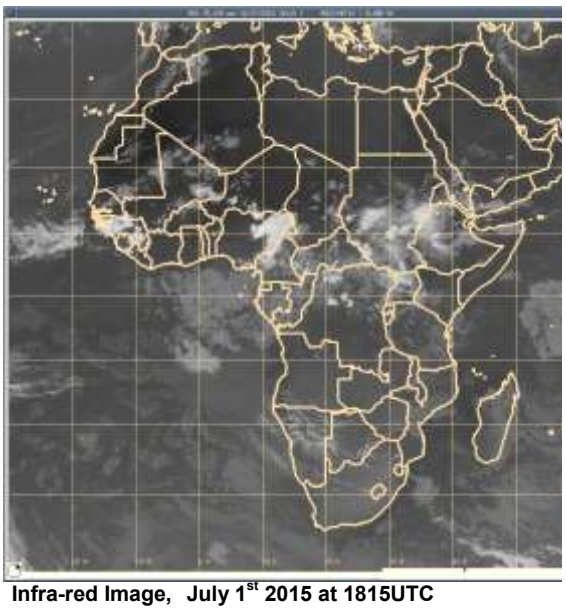
Institution Africaine parrainée par la CEA et l'OMM

African Institution under the aegis of UNECA and WMO

Heavy rains/Flush Flood Risk bulletin: PSN06-629

Issued: July, 2nd Valid from: July 3rd to July 5th 2015

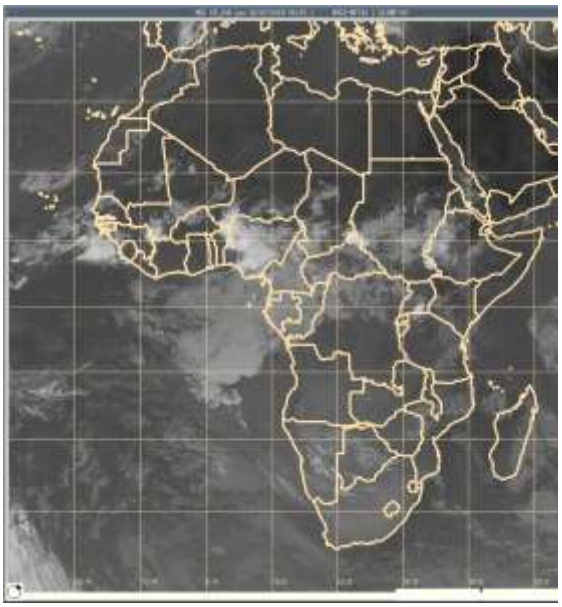
1. Observed weather: Highlight



Infra-red Image, July 1st 2015 at 1815UTC

Afternoon of July, 1st (Upper image):

Convective activities are observed over: South Sudan, West/North of South Sudan, North/Centre Ethiopia, North Uganda, North-west/Centre DRC, South CAR, East Nigeria, South Niger, North-east Mali and most part of Guinea Conakry.



Infra-red Image, July 2nd 2015 at 0615 UTC

In the morning of July, 2nd (Bottom image):

Convective activities are observed over: South Mali/Niger/Uganda, North Benin, West/South-east Nigeria, North-east CAR and South-east Soudan.

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Rainfall amount at some meteorological stations for the last 72 hours (in millimeters)

Date	Station Country (Rainfall Amount)	Station Country (Rainfall Amount)	Station Country (Rainfall Amount)	Station Country (Rainfall Amount)
1st July	Bida Nigeria **(80)**	Manandjary Madagascar **(59)**	Gaya Niger **(35)**	Bouar CAR **(32)**
30th June	Atakpame Togo **(77)**	Segou Mali **(48)**	Kedougou Senegal **(38)**	Sarh Chad **(35)**
29th June	Conakry Guinea Conakry **(43)**	Ngaoundere Cameroun **(39)**	Jimma Ethiopie **(36)**	Sikasso Mali **(30)**

1. FLOOD RISK FORECAST VALID FOR THE NEXT THREE (03) DAYS.

High risk of flood expected over: NIL.

Medium risk of flood expected over: NIL.

Low risk of flood expected over: South Mali/Niger, West Guinea Conakry, South Ghana/Togo/Chad, South/North Benin, North Nigeria/DRC/Cameroon and Centre Ethiopia/CAR.

Color	Severity of risk
	Low
	Medium
	High

3/07/2015	4/07/2015	5/07/2015

No risk of flood over: Cape Verde, Sao Tome and Principe, Seychelles, Mauritius and Reunion during the next 72h.

Our flood risk forecast concerns only rainfed floods that could be caused by heavy rains.

Source: *Synthesis of:*
1) Dynamic of atmosphere by different global models (ECMWF, GFS, ARPEGE, UKMO),
2) Index of extreme events from ECMWF (http://www.ecmwf.int/products/forecasts/d/charts/medium/eps/efi/efi_tp/),
3) Occurrence probability of extreme precipitation from TIGGE project ensemble models (http://tparc.mri-jma.go.jp/TIGGE/tigge_extreme_prob.html), probability exceeding the 90th percentile [%]
4) MJO active phase.

For more and detailed information, please visit our website: http://www.acmad.org and watch for the next issue of this bulletin.

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