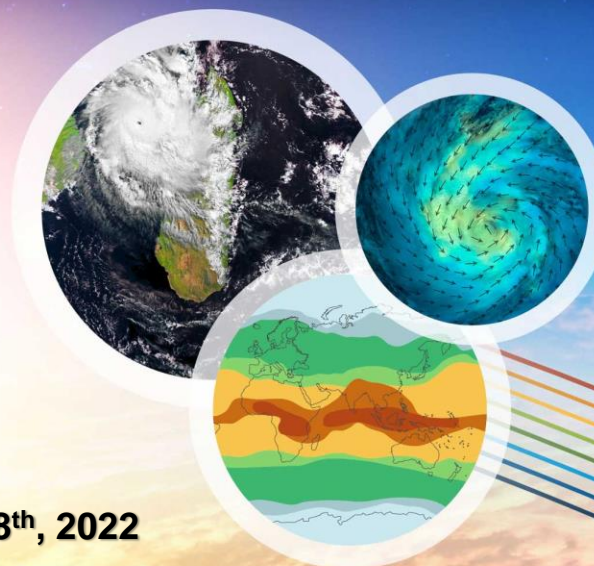
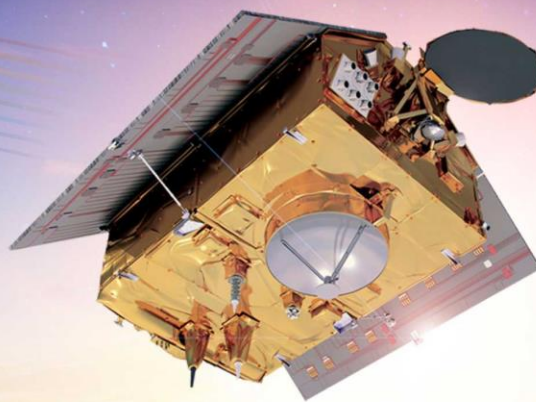


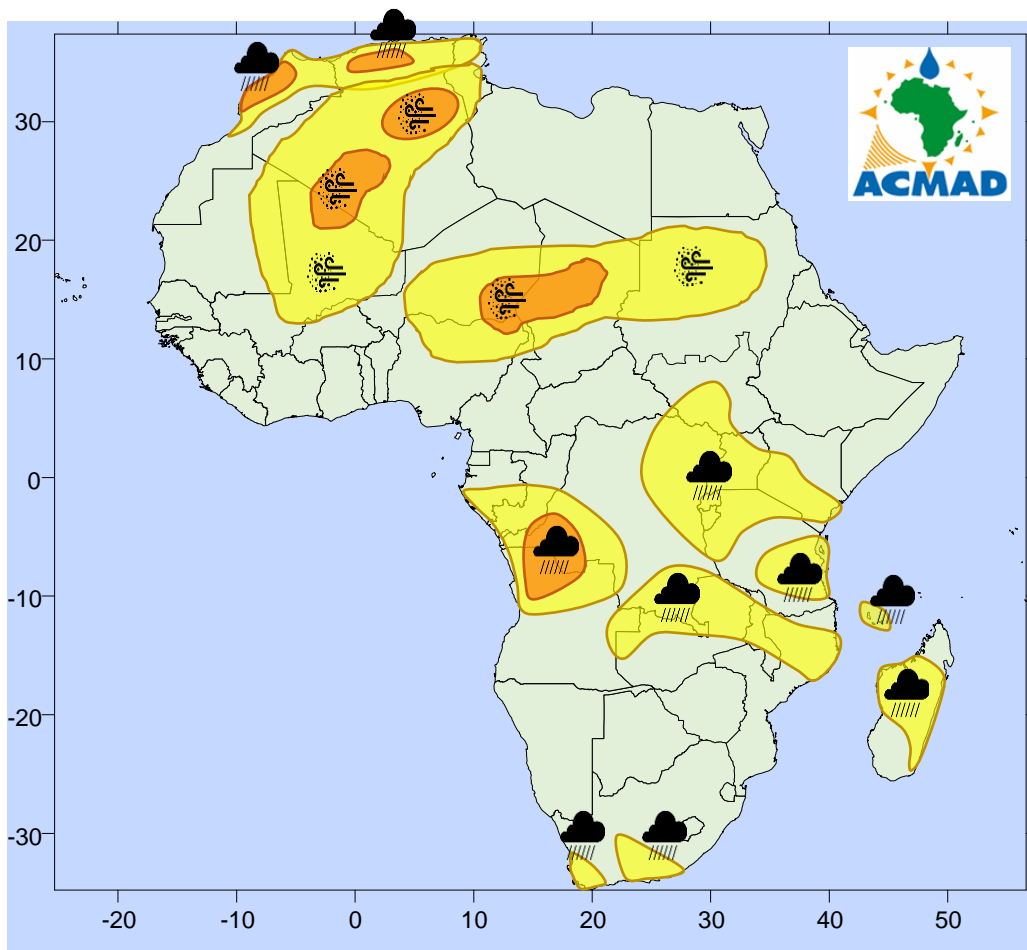
# African Centre of Meteorological Applications for Development (ACMAD)

## Continental Multi-Hazard & Advisory Bulletin



**Issued on: March 28<sup>th</sup>, 2022**





**Validity period: March 29<sup>th</sup> to April 2<sup>nd</sup> 2022**



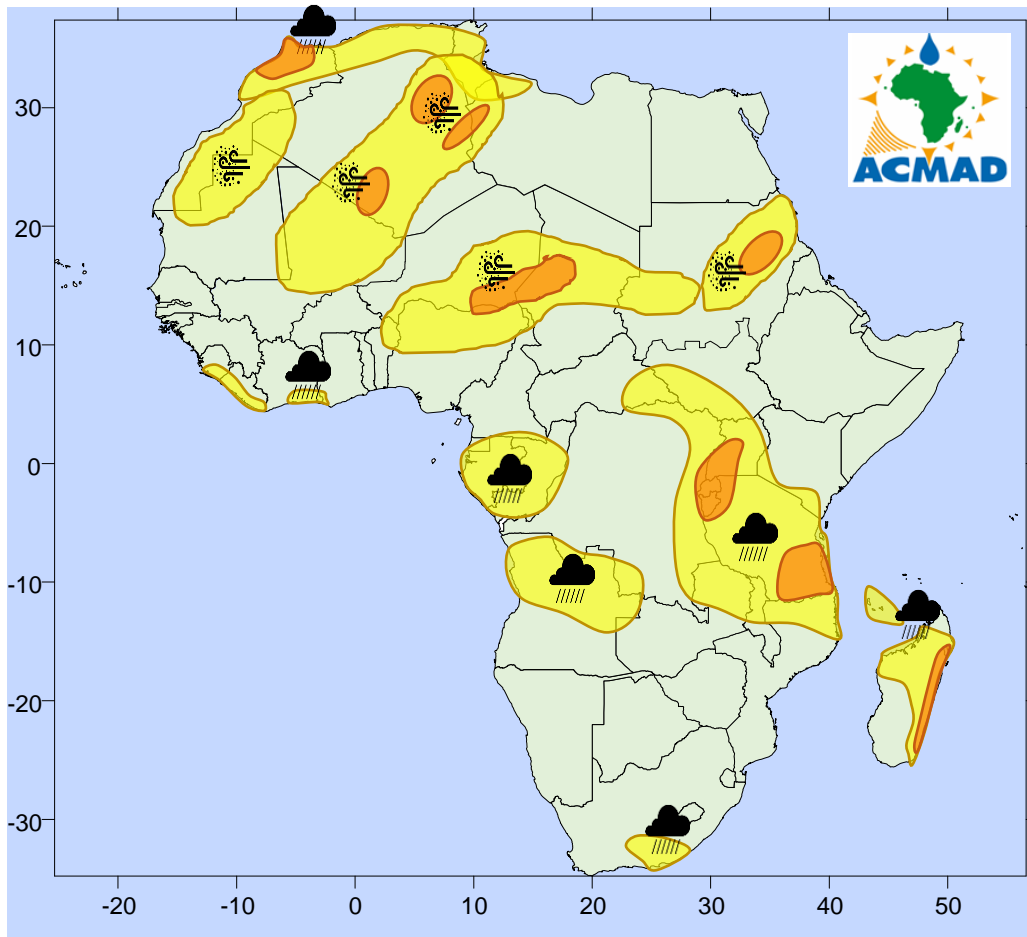
# MULTI-HAZARD OUTLOOK

**Validity: 2022-03-29**

*issued on 2022-03-28*

 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh <sup>-1</sup>	Very heavy >1000µg m <sup>-3</sup>	Very likely
Heavy 50-100mm	Strong >65kmh <sup>-1</sup>	Heavy >600µg m <sup>-3</sup>	Likely
Moderate 10 - 49mm	Moderate >50kmh <sup>-1</sup>	Moderate >400µg m <sup>-3</sup>	Less likely
Light 1 - 10mm	Light <50kmh <sup>-1</sup>	Light <200µg m <sup>-3</sup>	









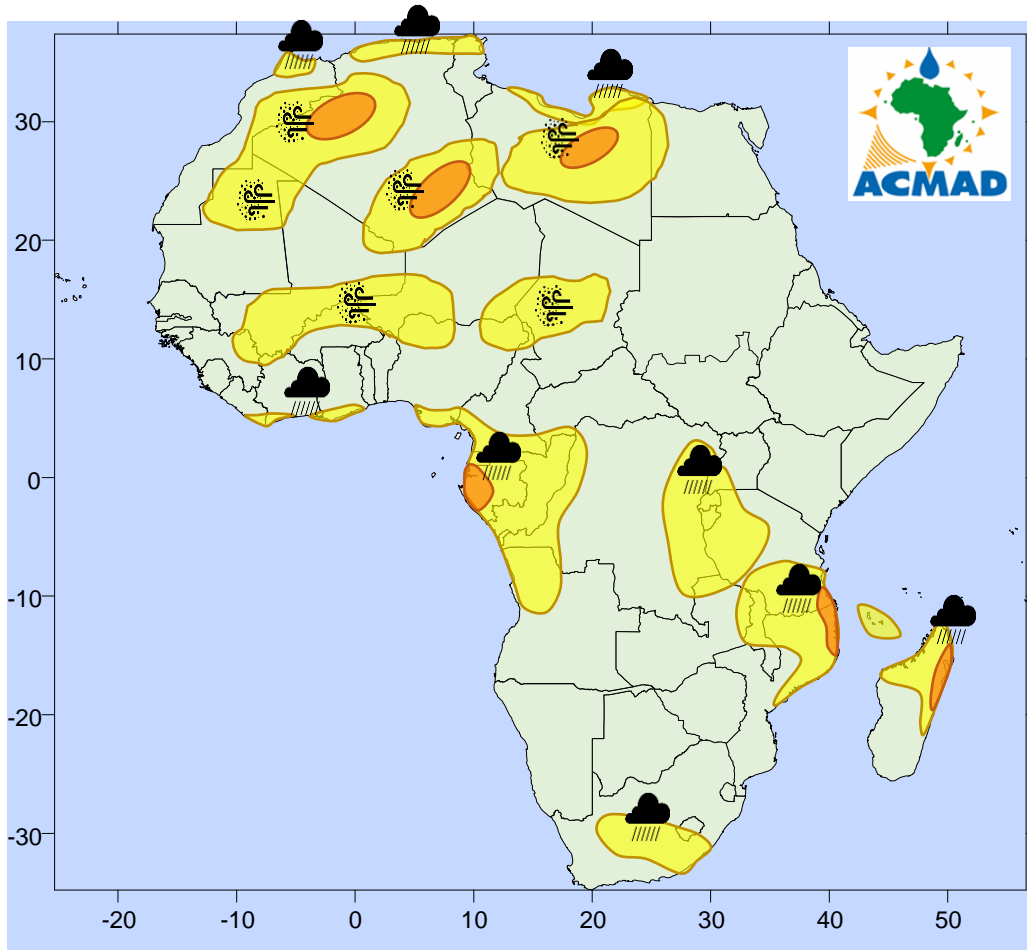
# MULTI-HAZARD OUTLOOK

**Validity: 2022-03-30**

*issued on 2022-03-28*

 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh <sup>-1</sup>	Very heavy >1000µg m <sup>-3</sup>	Very likely
Heavy 50-100mm	Strong >65kmh <sup>-1</sup>	Heavy >600µg m <sup>-3</sup>	Likely
Moderate 10 - 49mm	Moderate >50kmh <sup>-1</sup>	Moderate >400µg m <sup>-3</sup>	Less likely
Light 1 - 10mm	Light <50kmh <sup>-1</sup>	Light <200µg m <sup>-3</sup>	









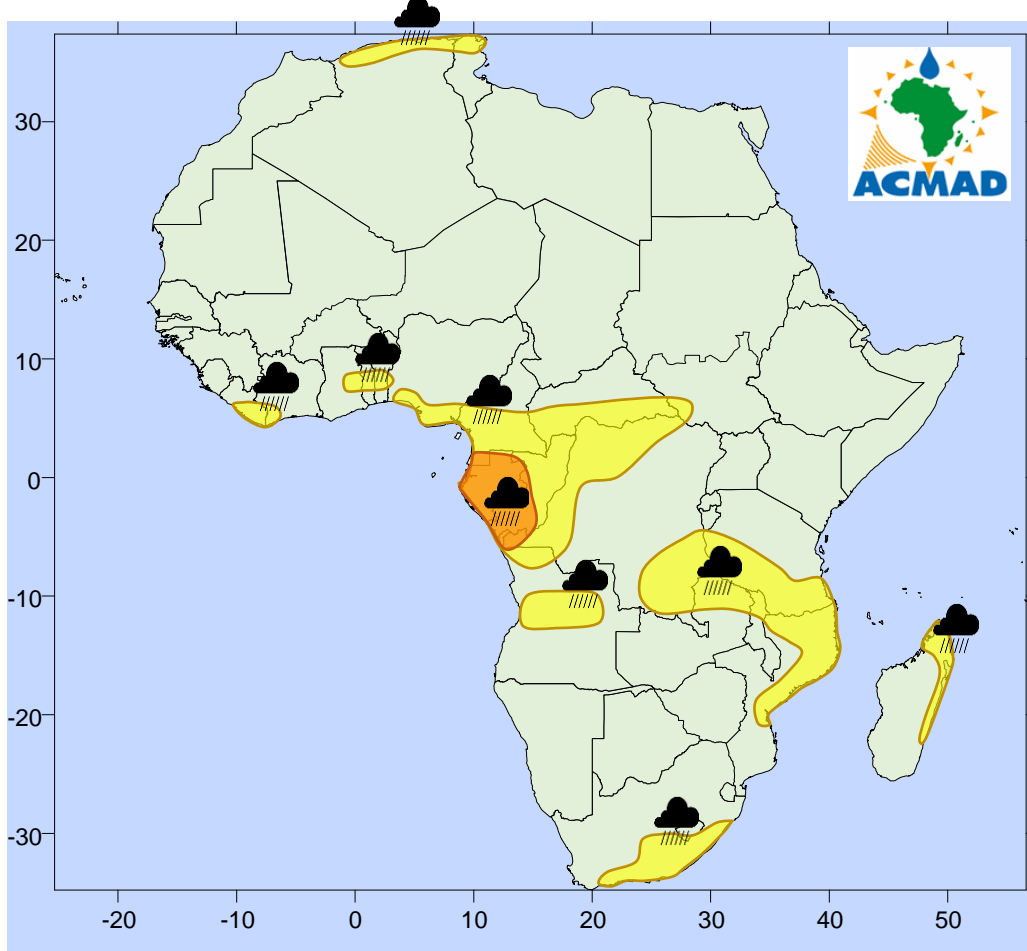
# MULTI-HAZARD OUTLOOK

**Validity: 2022-03-31**

*issued on 2022-03-28*

 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh <sup>-1</sup>	Very heavy >1000µg m <sup>-3</sup>	Very likely
Heavy 50-100mm	Strong >65kmh <sup>-1</sup>	Heavy >600µg m <sup>-3</sup>	Likely
Moderate 10 - 49mm	Moderate >50kmh <sup>-1</sup>	Moderate >400µg m <sup>-3</sup>	Less likely
Light 1 - 10mm	Light <50kmh <sup>-1</sup>	Light <200µg m <sup>-3</sup>	









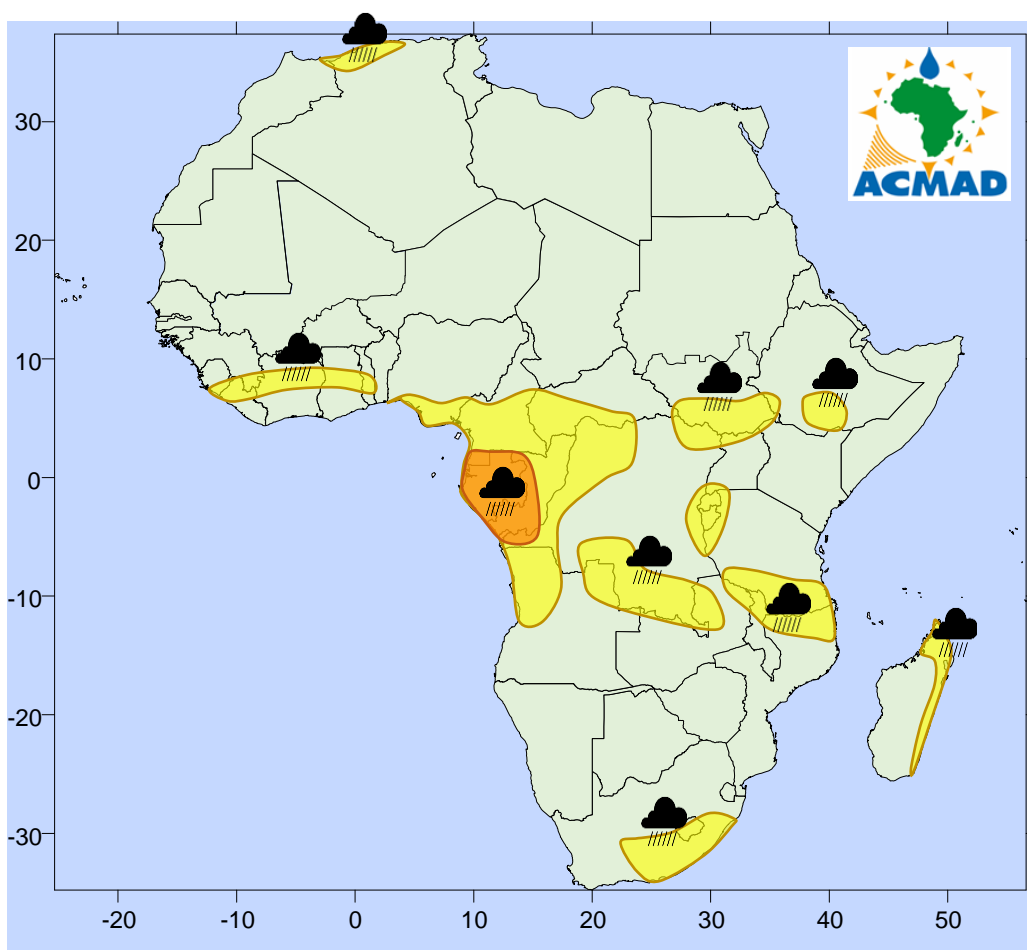
# MULTI-HAZARD OUTLOOK

**Validity: 2022-04-01**

*issued on 2022-03-28*

 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh <sup>-1</sup>	Very heavy >1000µg m <sup>-3</sup>	Very likely
Heavy 50-100mm	Strong >65kmh <sup>-1</sup>	Heavy >600µg m <sup>-3</sup>	Likely
Moderate 10 - 49mm	Moderate >50kmh <sup>-1</sup>	Moderate >400µg m <sup>-3</sup>	Less likely
Light 1 - 10mm	Light <50kmh <sup>-1</sup>	Light <200µg m <sup>-3</sup>	









# MULTI-HAZARD OUTLOOK

**Validity: 2022-04-02**

*issued on 2022-03-28*

 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh <sup>-1</sup>	Very heavy >1000µg m <sup>-3</sup>	Very likely
Heavy 50-100mm	Strong >65kmh <sup>-1</sup>	Heavy >600µg m <sup>-3</sup>	Likely
Moderate 10 - 49mm	Moderate >50kmh <sup>-1</sup>	Moderate >400µg m <sup>-3</sup>	Less likely
Light 1 - 10mm	Light <50kmh <sup>-1</sup>	Light <200µg m <sup>-3</sup>	







# VIGILANCE MAP FOR HEAVY RAINFALL AND STRONG WINDS

**March 29th to April 2<sup>nd</sup>, 2022**

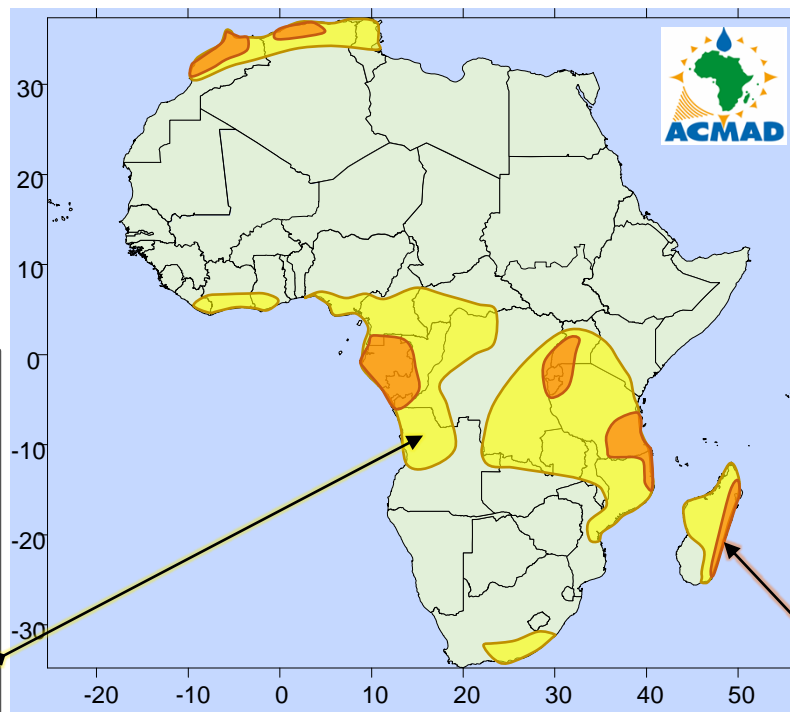
***issued on 2022-03-28***



**ClimSA**

INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME

An initiative of the Organisation of African, Caribbean and Pacific States funded by the European Union



## **Phenomenon:**

- In next 5 days accumulated rainfall is expected to be in range of 50mm to 100mm;

## **Hazards :**

Moderate rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning likely

## **Potentials Impacts:**

Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, ...)

## **Measures/Advisories:**

Update and implement Flood contingency plans, Improve water management in reservoirs and dams, DRM authorities to monitor the situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs

## **Phenomenon:**

- In next 5 days accumulated rainfall is expected to be in the range of 100mm to 150mm;

## **Hazards :**

Heavy rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning, strong winds,

## **Potentials Impacts:**

Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, ...)

## **Measures/Advisories:**

Update and implement Flood contingency plans, Improve water management in reservoirs and dams, DRM authorities be ready to take adequate actions, DRM to be in touch with NHMSs for more details and identification of vulnerable areas.



## VIGILANCE MAP FOR MENINGITIS OUTBREAK

**April 1<sup>st</sup> to 7<sup>th</sup>, 2022**

***Issued on March 28<sup>th</sup>, 2022***



### Phenomenon:

- Dust concentration between 150 to 400 $\mu\text{g}/\text{m}^3$
- Relative humidity between 20 & 40%
- Temperature above 27°C

### Hazards :

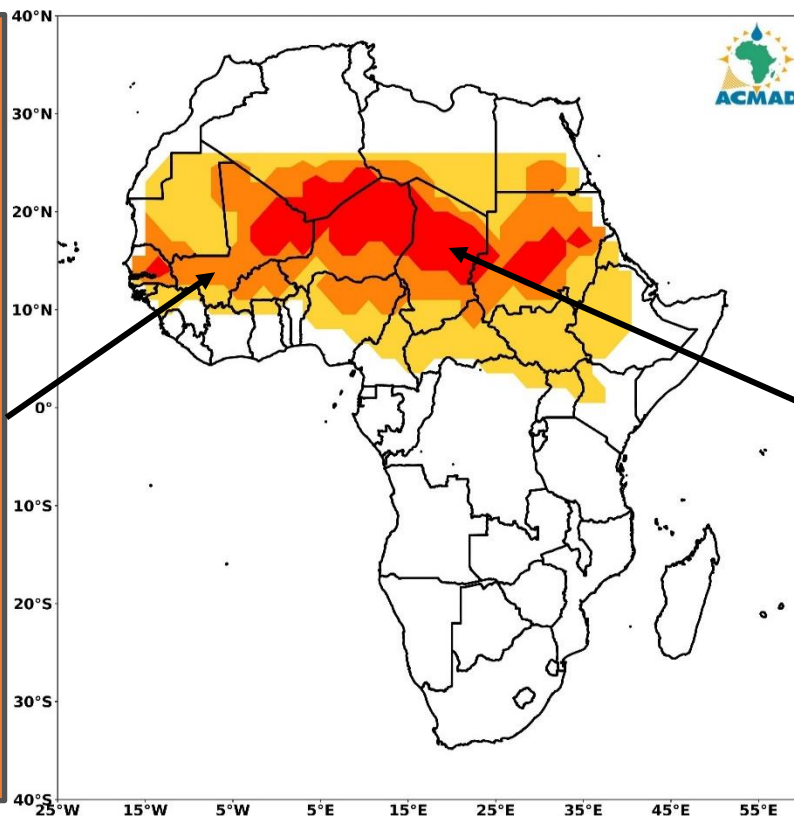
Emergence of Meningitis cases very likely

### Potentials Impacts:

Loss of life, pressure on the health system

### Measures/Advisories:

Activation of surveillance systems at regional and national levels



### Phenomenon:

- Dust Concentration at least 400 $\mu\text{g}/\text{m}^3$  and above
- Relative humidity less than 20%
- Temperature above 30°C

### Hazards :

Emergence of Meningitis cases very likely and epidemic status possible

### Potentials Impacts:

Loss of life, increased pressure on the health system

### Measures/Advisories:

Strengthen meningitis surveillance systems at both regional and national levels