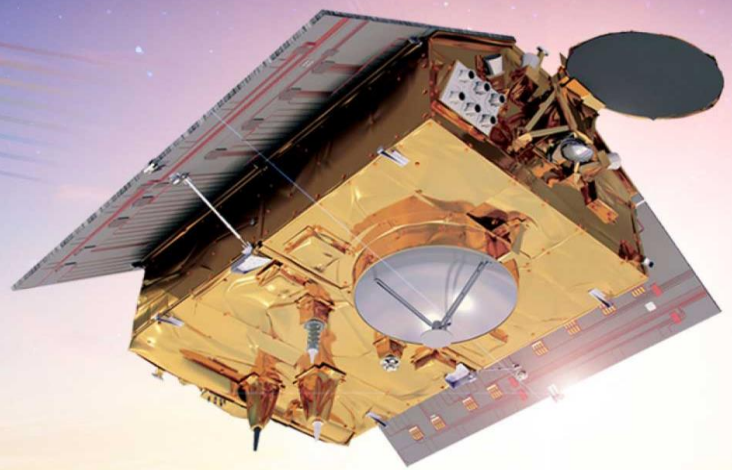
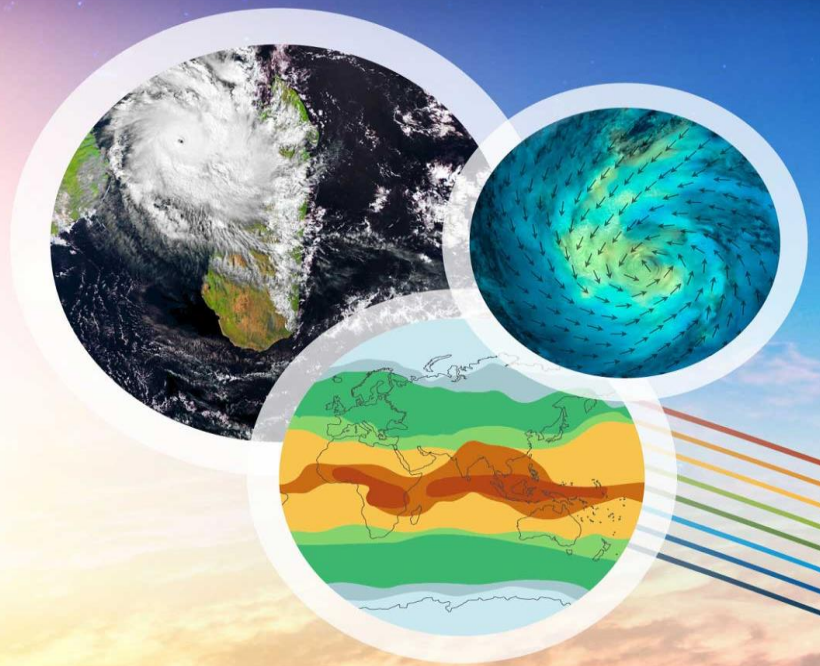
INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME

African Centre of Meteorological Applications for Development (ACMAD)

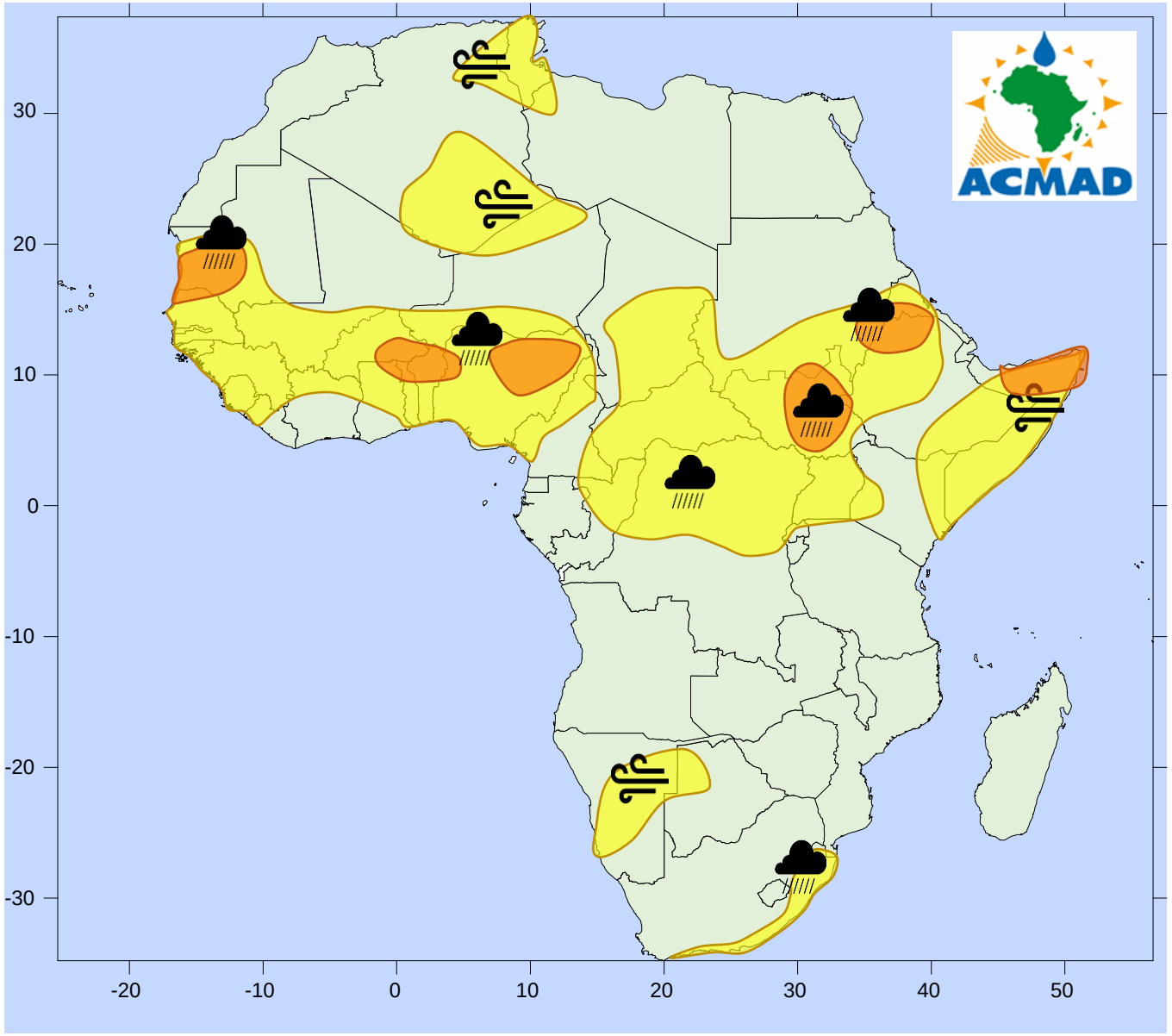
Continental Multi-Hazard & Advisory Bulletin





Issued on: August 18th, 2022

Validity period: August 19th to 23rd, 2022

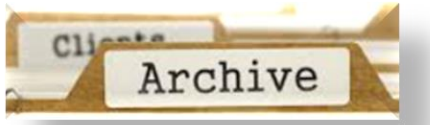


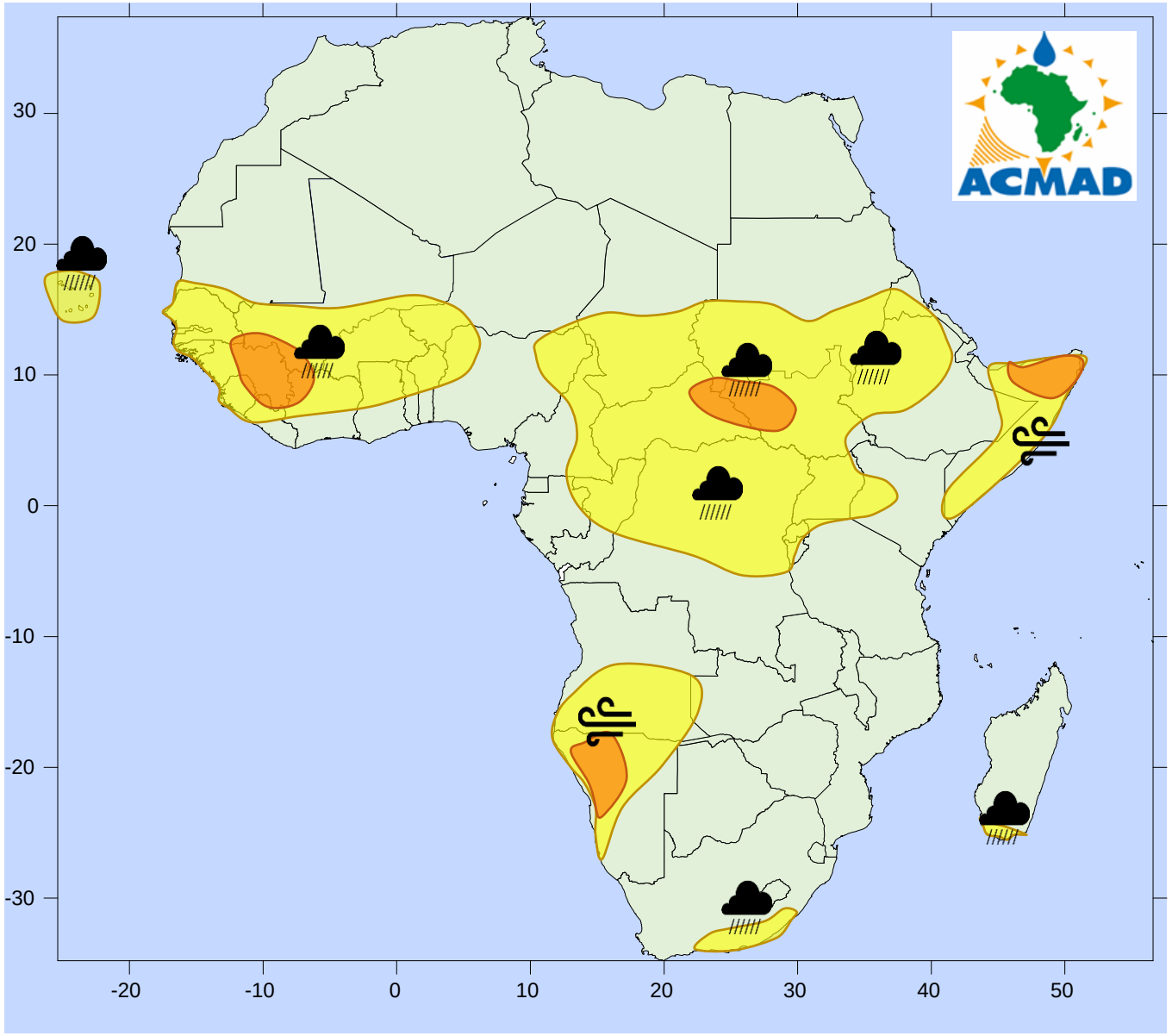
MULTI-HAZARD OUTLOOK

Validity: 2022-08-19

issued on 2022-08-18

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





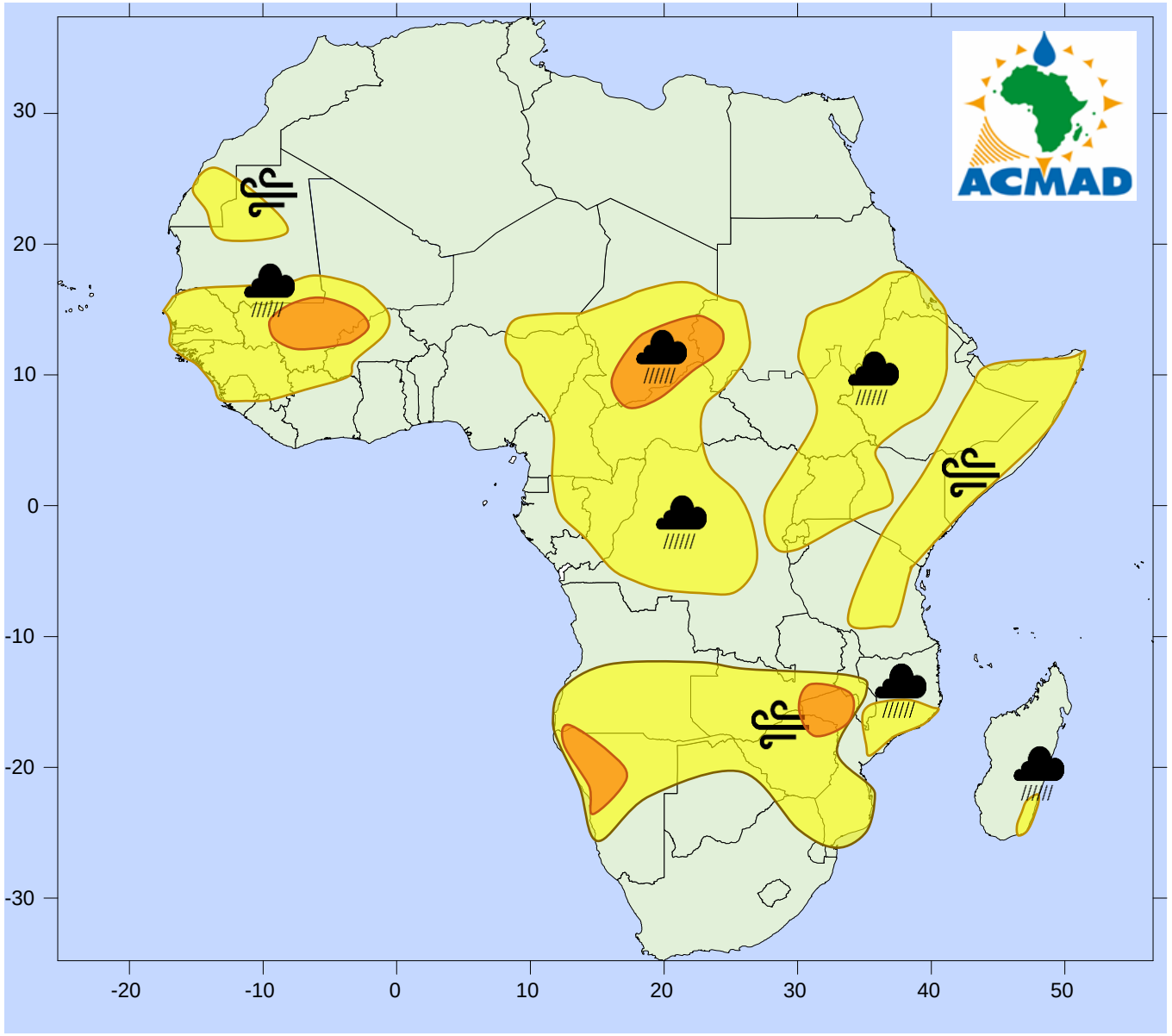
MULTI-HAZARD OUTLOOK

Validity: 2022-08-20

issued on 2022-08-18

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

Archive

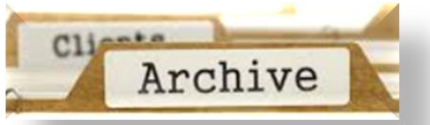


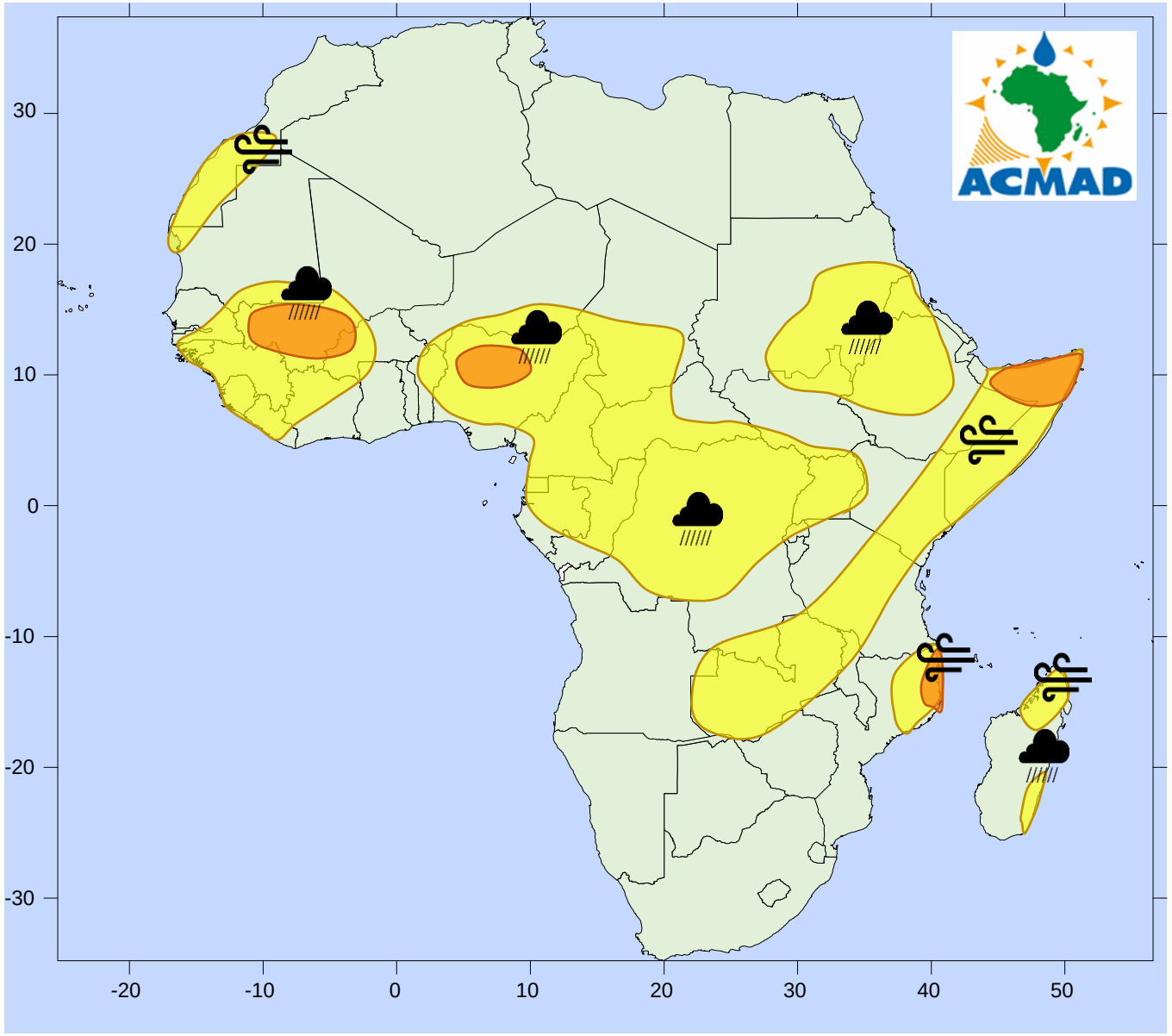
MULTI-HAZARD OUTLOOK

Validity: 2022-08-21

issued on 2022-08-18

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



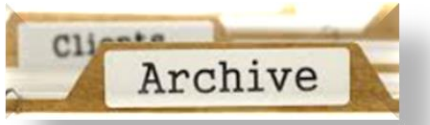


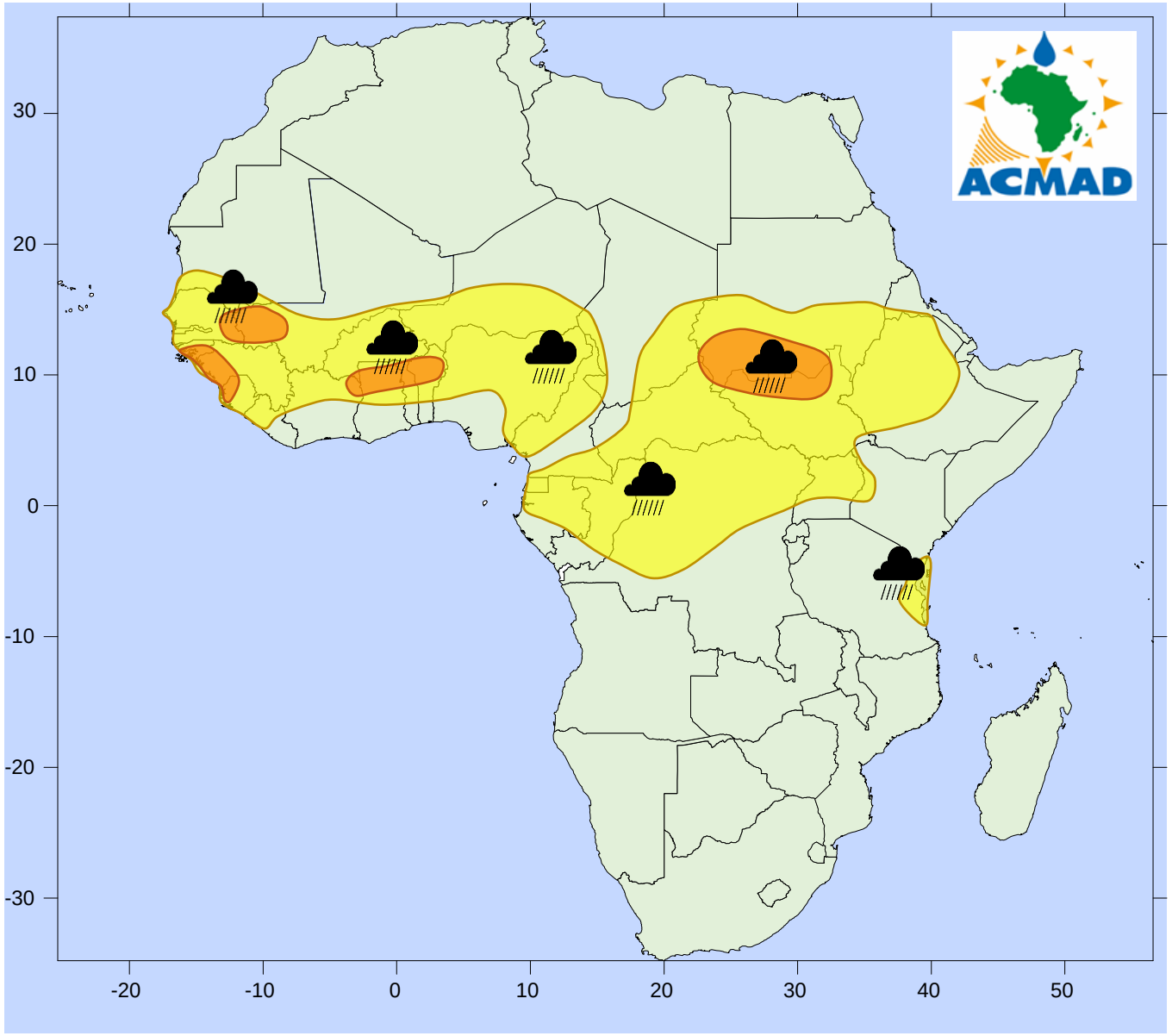
MULTI-HAZARD OUTLOOK

Validity: 2022-08-22

issued on 2022-08-18

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



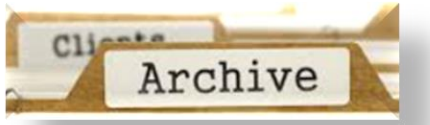


MULTI-HAZARD OUTLOOK

Validity: 2022-08-23

issued on 2022-08-18

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

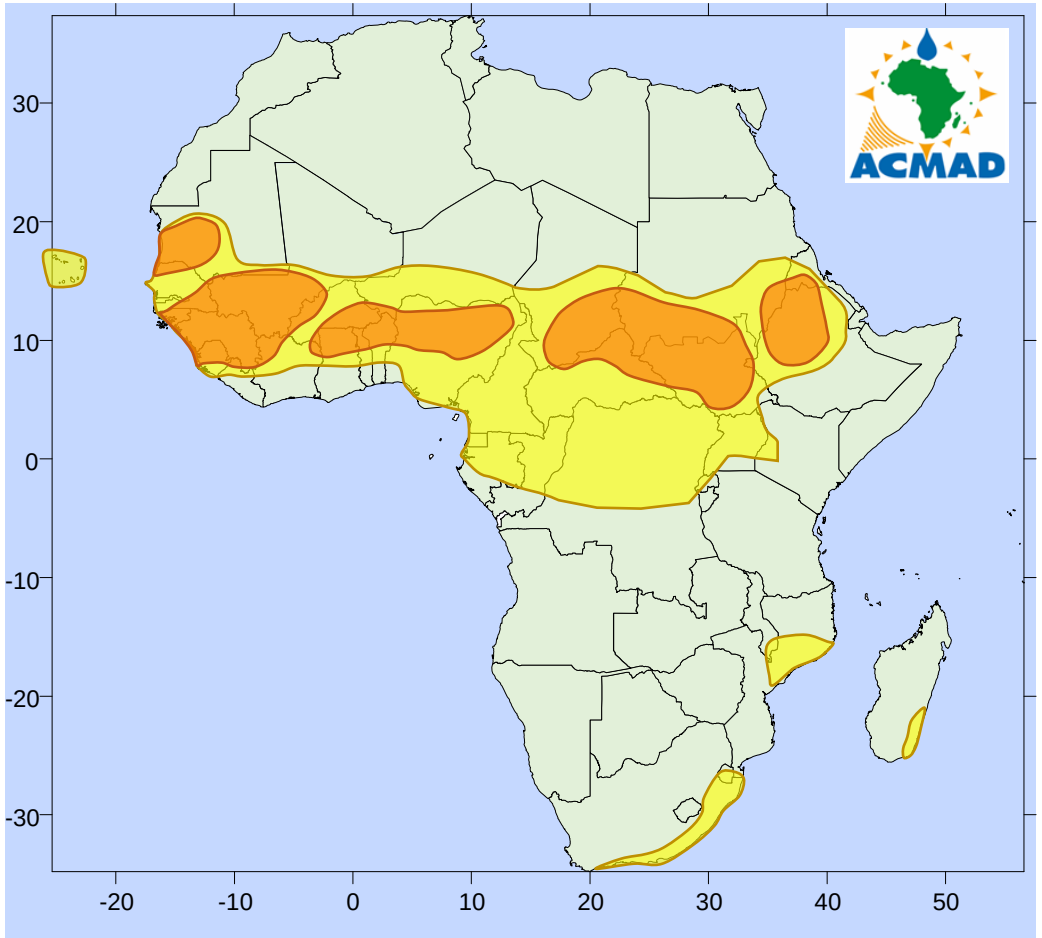


VIGILANCE MAP AND POLICY BRIEF FOR HEAVY RAINFALL AND STRONG WINDS

Valid From August 19 to 23, 2022

Issued on August 18, 2022

HIGHLIGHT: Heavy rainfall is expected over Senegal, Mauritania, Guinea Bissau, Guinea, Sierra Leone, Liberia, Cote d'Ivoire, Mali, Burkina Faso, Ghana, Togo, Benin, Niger, Nigeria, Chad, Centrafrique, Sudan, South Sudan, Ethiopia and Eritrea



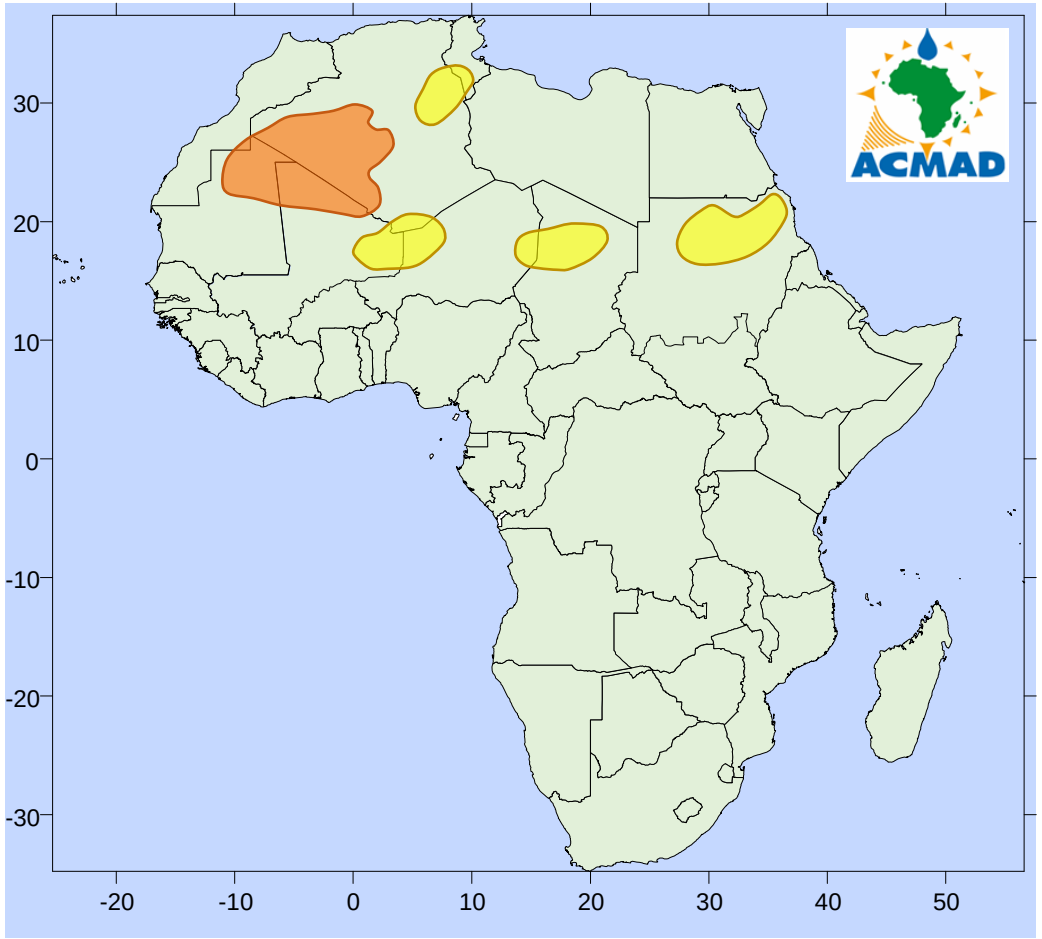
	Phenomenon	Hazard	Potentials Impacts	Measures / Advices
	In next 5 days accumulated rainfall (50-100mm) is likely,	Moderate rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning likely	Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, …)	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs
	In next 5 days accumulated rainfall (100 – 150mm) is very likely,	Heavy rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning, strong winds,	Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, …)	Update Flood contingency plans, Improve water management in reservoirs and dams, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs to be informed of the detailed expected meteorological conditions.
	In next 5 days accumulated rainfall (>150mm) is very likely,	Extreme precipitation, flash flood, riverine flooding, landslides, soil erosion and lightning, strong winds, severe thunderstorms	Loss of lives, Injuries, Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, …)	Activate flood contingency plans, DRM authorities to be ready to take adequate actions (be prepared for emergency response and search & rescue operations as needed), Improve water management in reservoirs and dams, be in close touch with NHMSs for more details and identification of vulnerable areas.

VIGILANCE MAP AND POLICY BRIEF FOR HEAT WAVE

Valid From 19 to 23 August, 2022

Issued on August 18, 2022

HIGHLIGHT: Moderate heat wave is likely expected over Morocco, Mauritania, Mali and Algeria



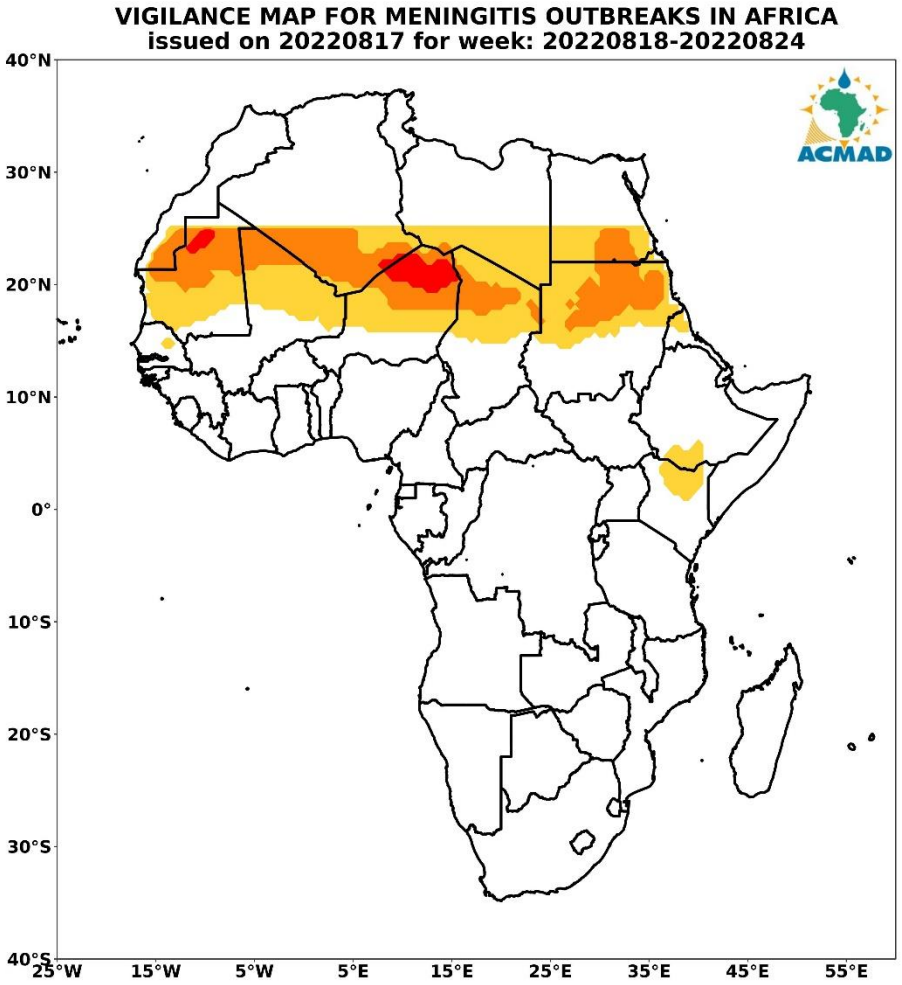
	Phenomenon	Hazard	Potentials Impacts	Measures / Advices
	In next 5 days apparent temperature >40ºC to 44ºC are expected for two days	Heat wave Conditions persists on 2days	Moderate temperature heat is tolerable for general public but moderate health concern for vulnerable people(people chronic diseases, infants and elderly)	Avoid heat exposure Wear lightweight, light colored, Cover your head(use a cloth, hat or umbrella)
	apparent temperature 40ºC to 44ºC are expected for more than 2 days	Moderate heat wave conditions are likely to persist for 3days ore more with varied severity	High temperature Increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work High health concern for vulnerable people	Avoid heat exposure Keep cool Avoid dehydration Drink sufficient water even if not thirsty to keep yourself hydrated
	Apparent temperatures >45ºC are expected for more than 2 days	Severe heat wave is very likely to persist for more than 2 days,	Very high likelihood of developing heat illness and heat stroke in all ages	Extreme care needed for vulnerable people

VIGILANCE MAP AND POLICY BRIEF FOR MENINGITIS OUBREAK

Valid From 18 to 24 August, 2022

Issued on August 17, 2022

HIGHLIGHT: Emergence of Meningitis cases are very likely in Mauritania, Algeria and Niger.



	Phenomenon	Hazard	Potentials Impacts	Advisory / Measures
	- Dust concentration below 150µg/m3 - Relative humidity above 40% - Temperature below 27oC	Emergence of Meningitis cases not likely	Potential pressure on the health system	Routine surveillance systems at regional and national levels
	- Dust concentration between 150 to 400µg/m^3 - Relative humidity between 20 & 40% - Temperature above 27°C	Emergence of Meningitis cases very likely	Loss of life, pressure on the health system	Activation of surveillance systems at regional and national levels
	- Dust Concentration at least 400µg/m^3 and above - Relative humidity less than 20% - Temperature above 30°C	Emergence of Meningitis cases very likely and epidemic status possible	Loss of life, increased pressure on the health system	Strengthen and increase meningitis surveillance systems at both regional and national levels

Disclaimer:

The presentation of country boundaries on the map does not imply any opinion whatsoever on the part of ACMAD concerning the legal status of any country, territory or area, or concerning the delimitation of frontiers or boundaries.

This work is supported by the ClimSA project as part of implementation of the WMO's Global Framework for Climate Services

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

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