









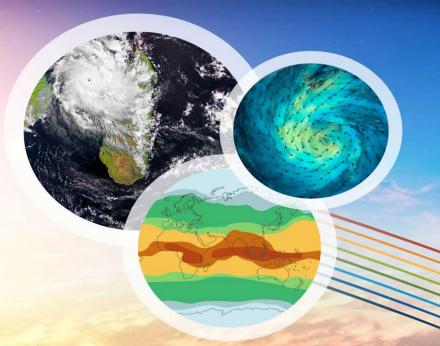




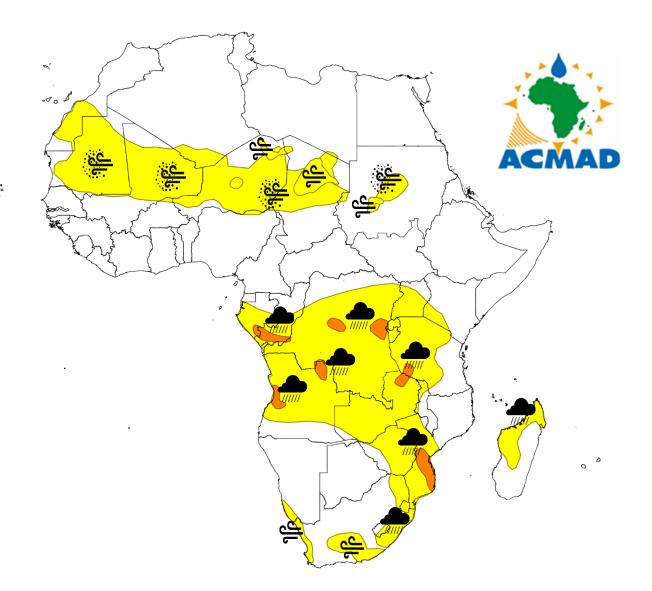
Issued on: December 11th 2023

Validity period: December 12th to 16th, 2023

Continental Multi-Hazard & Advisory Bulletin

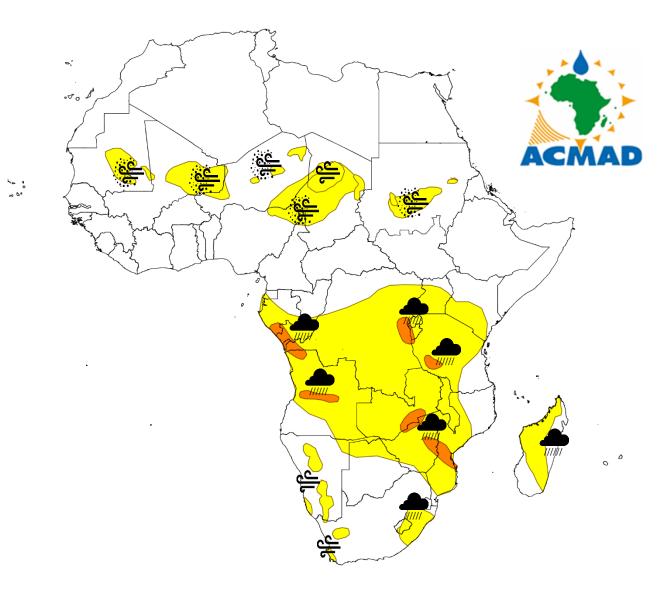


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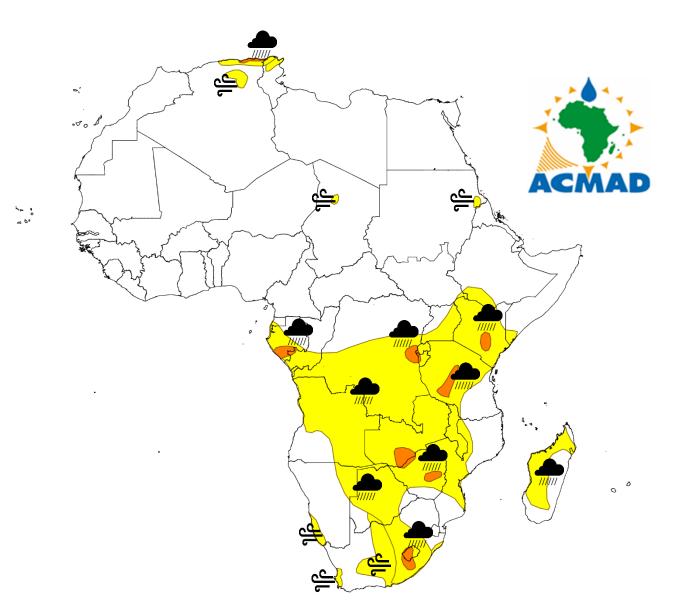
Validity: 2023-12-12

////// Rain	ال Wind	ان Dust	Meningitis
Very heavy >100mm			Very likely
Heavy	Strong	Неаvy	Likely
50-100mm	>65kmh ⁻¹	>600µg m ⁻³	
Moderate	Moderate	Moderate	Less likely
10 - 49mm	>50kmh ⁻¹	>400µg m ⁻³	
Light	Light	Light	
1 - 10mm	<50kmh ⁻¹	<200µg m⁻³	



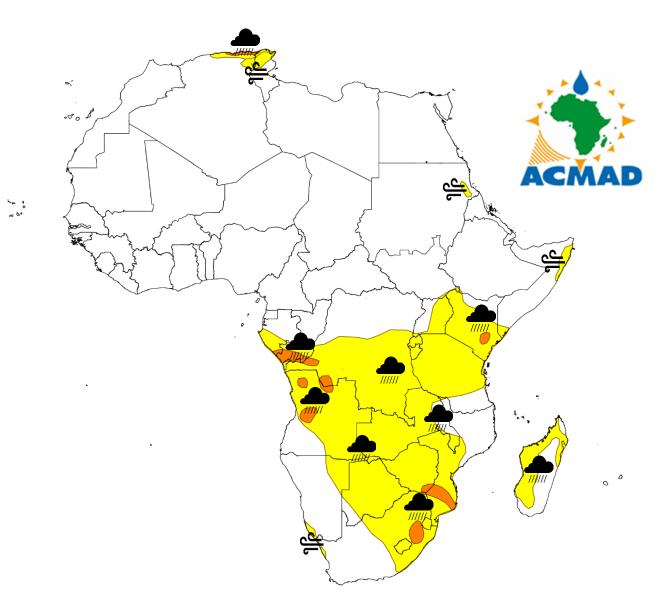
Validity: 2023-12-13

////// Rain	ال Wind	انی Dust	Meningitis
Very heavy >100mm			Very likely
Heavy	Strong	Неаvy	Likely
50-100mm	>65kmh ⁻¹	>600µg m ⁻³	
Moderate	Moderate	Moderate	Less likely
10 - 49mm	>50kmh ⁻¹	>400μg m ⁻³	
Light	Light	Light	
1 - 10mm	<50kmh ⁻¹	<200µg m⁻³	



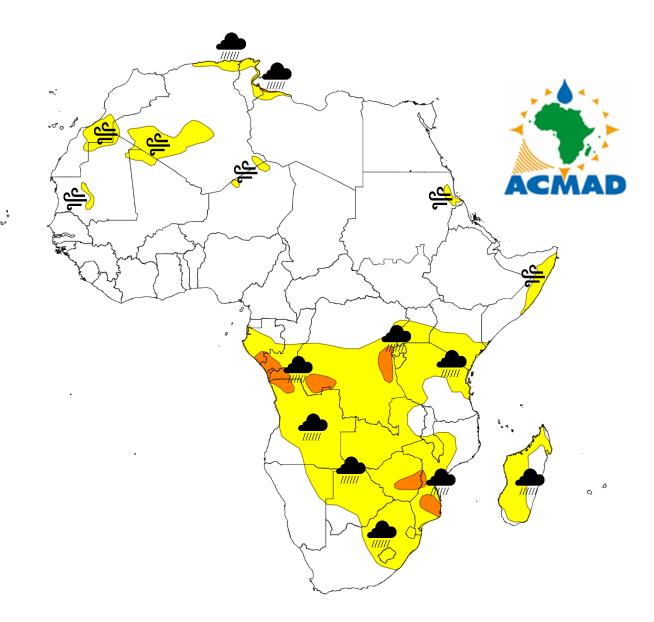
Validity: 2023-12-14

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



Validity: 2023-12-15

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



Validity: 2023-12-16

////// Rain	ال Wind	ان Dust	Meningitis
Very heavy >100mm			Very likely
Heavy	Strong	Неаvy	Likely
50-100mm	>65kmh ⁻¹	>600µg m ⁻³	
Moderate	Moderate	Moderate	Less likely
10 - 49mm	>50kmh ⁻¹	>400μg m ⁻³	
Light	Light	Light	
1 - 10mm	<50kmh ⁻¹	<200µg m⁻³	



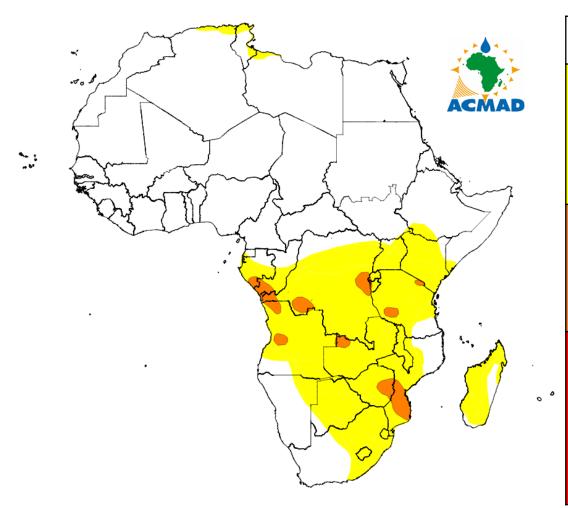
VIGILANCE MAP AND POLICY BRIEF FOR HEAVY RAINFALL AND STRONG WINDS



Valid From December 12 to 16, 2023

Issued on December 11, 2023

HIGHLIGHT: Heavy rainfall is expected in Gabon, Congo, Angola, D.R.C, Rwanda, Burundi, Tanzania, Zambia, Zimbabwe, and Mozambique



Phenomen on	Hazard	Potentials Impacts	DRM Measures / Advices
In next 5 days accumulate d 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 accumulate d 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 accumulate d rainfall (>150mm) is very likely,	Extreme heavy 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,)	Civil Protection service and DRM authorities to activate contingency plan for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.

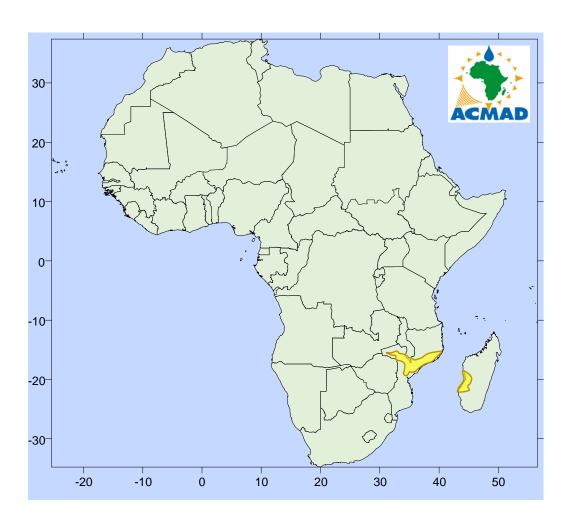


VIGILANCE MAP AND POLICY BRIEF FOR HEAT WAVE

Valid From December 12 to 16, 2023
Issued on December 11, 2023



HIGHLIGHT: Light heat wave is expected in Mozambique, Malawi, and Madagascar



	Phenomenon	Hazard	Potentials Impacts	DRM Measures / Advices
	In next 5 days apparent temperature >40°C to 44°C 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)	Civil Protection Services to monitor closely the heat wave situation with NHMSs.
	apparent temperature 40°C to 44°C 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	Civil Protection services to take adaptive and preventive measures to the heat wave situation with NHMSs.
Disclo	Apparent temperatures >45°C 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	Civil Protection services to take adaptive and preventive measures to the strong heat wave situation with NHMSs.

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.



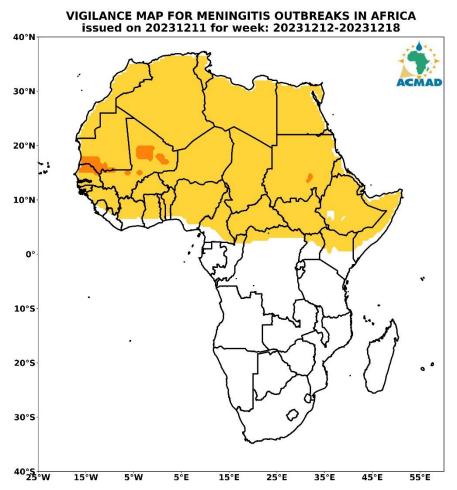
VIGILANCE MAP AND POLICY BRIEF FOR MENINGITIS OUBREAK

Valid From December 12 to 18, 2023

Issued on December 11, 2023



<u>HIGHLIGHT:</u> Emergence of Meningitis cases likely in Senegal, Mauritania, Mali, and Sudan.



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Phenomenon	Hazard	Potentials Impacts	Advisory / Measures
 Dust concentration below 150µg/m3 Relative humidity above 40% Temperature below 27°C 	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/m³ Relative humidity between 20 & 40% Temperature above 27°C 	Emergence of Meningitis cases very likely	Loss of life, high potential pressure on the health system	Activation of surveillance systems at regional and national levels
 Dust Concentration at least 400μg/m³ 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

Contributors

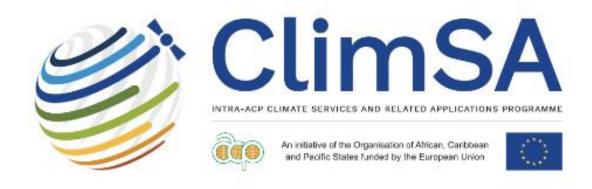
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Versions

Version	Date	Ву	Descriptions
V0	11-12-2023	WWFD forecasters	First draft for « Briefing », with all forecaster's contributions
Last	11-12-2023	Dr. Pierre Kamsu	Final Review



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