

African Centre of Meteorological Applications for Development (ACMAD)

Continental Multi-Hazard & Advisory Bulletin



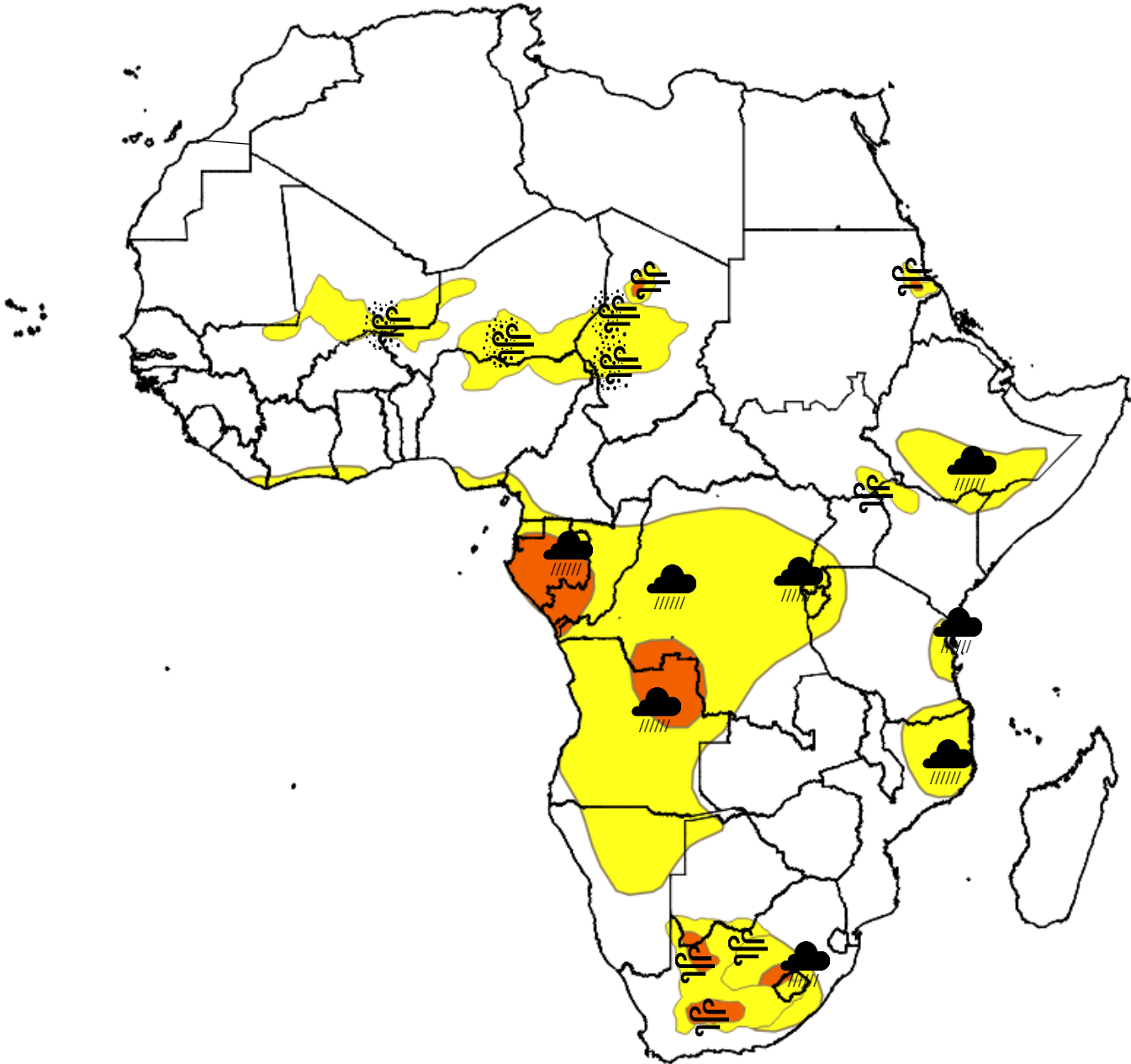
Issued on: November 07th, 2024

Validity period: November 08th to 12th, 2024

MULTI-HAZARD OUTLOOK

Validity: 2024-11-08

issued on 2024-11-07



 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	

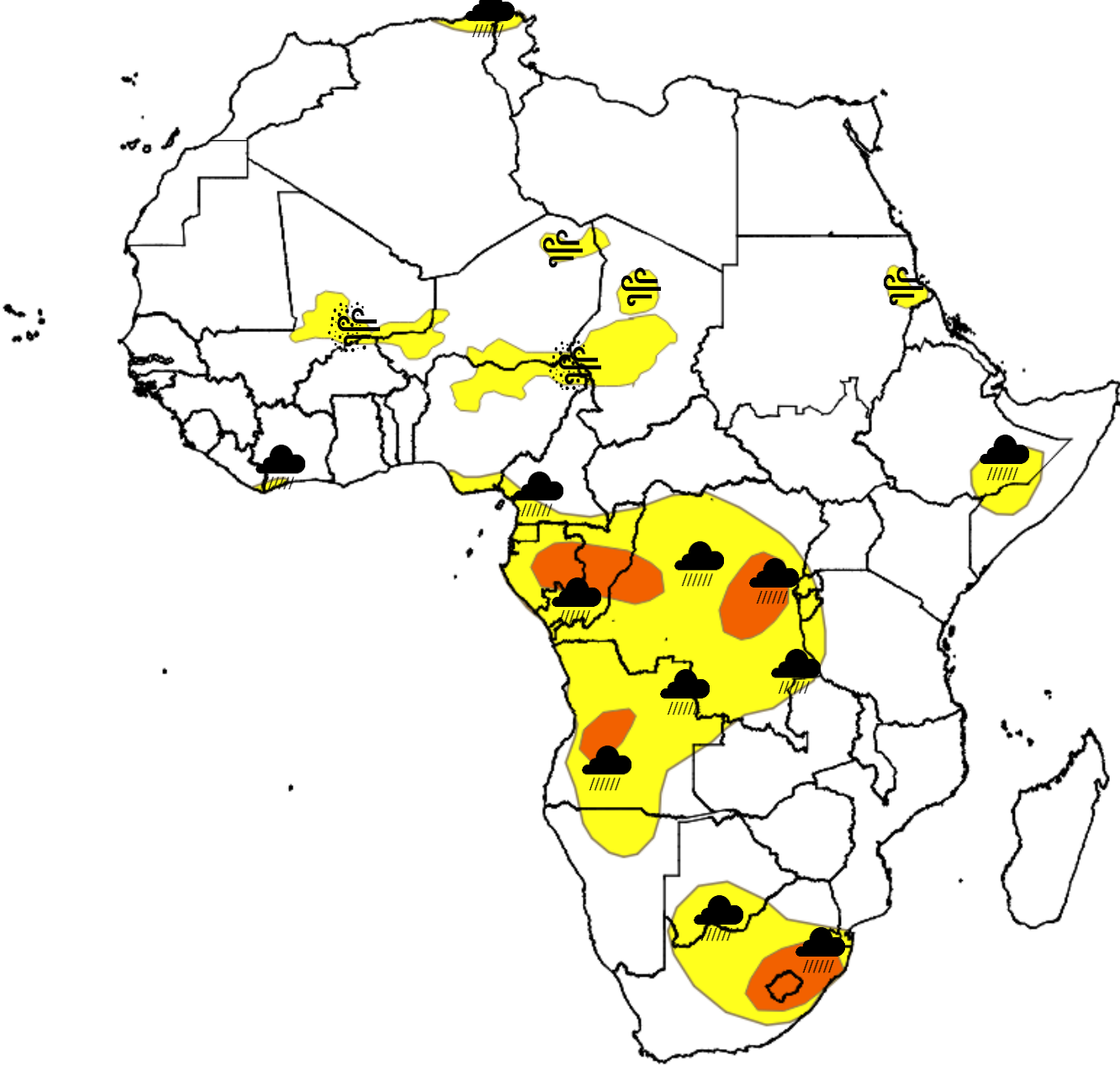
Disclaimer:

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. Final boundary between the Republic of Sudan and the Republic of South Sudan has not yet been determined.

MULTI-HAZARD OUTLOOK

Validity: 2024-11-09

issued on 2024-11-07



 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	

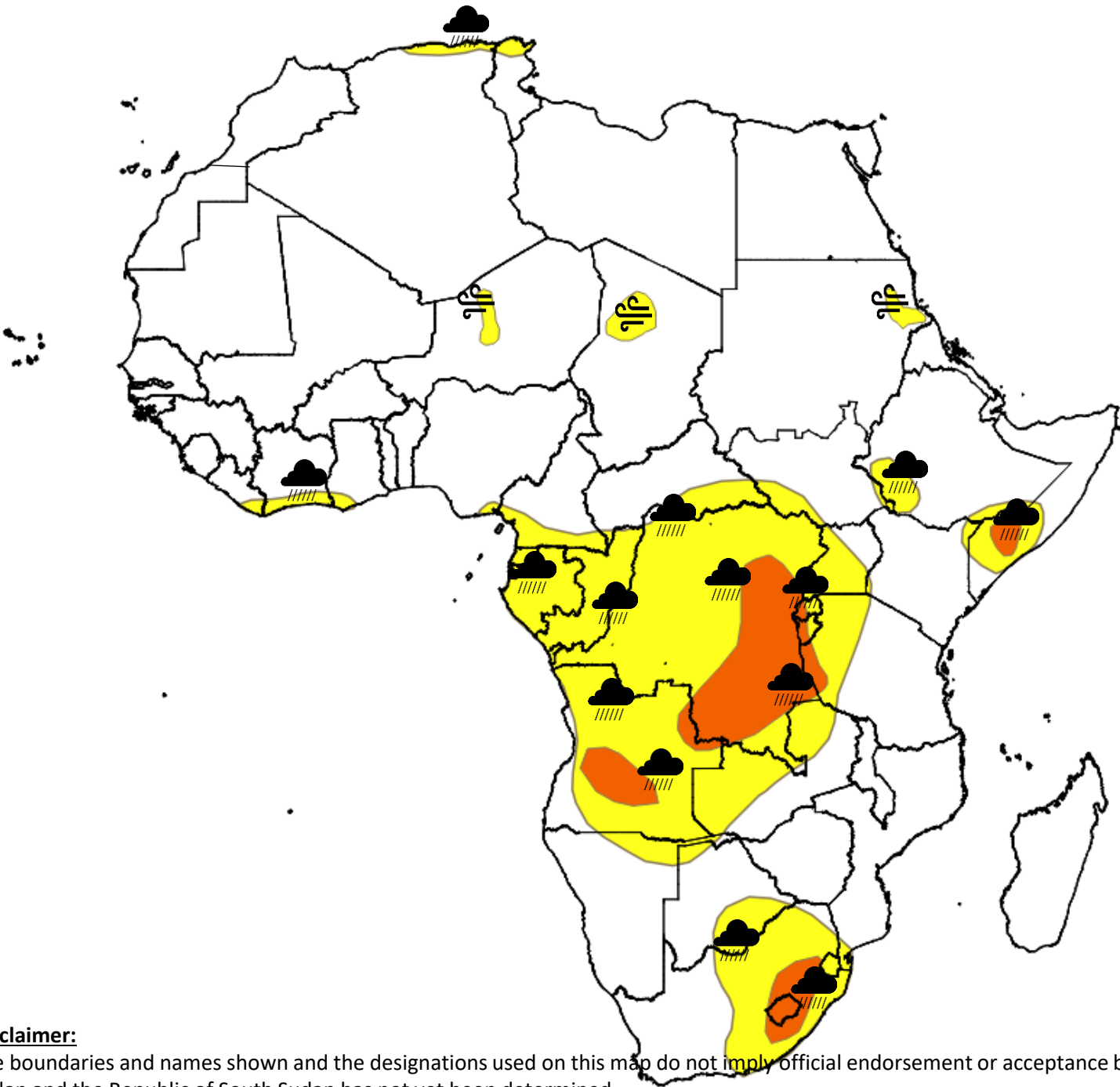
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MULTI-HAZARD OUTLOOK

Validity: 2024-11-10

issued on 2024-11-07



 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	

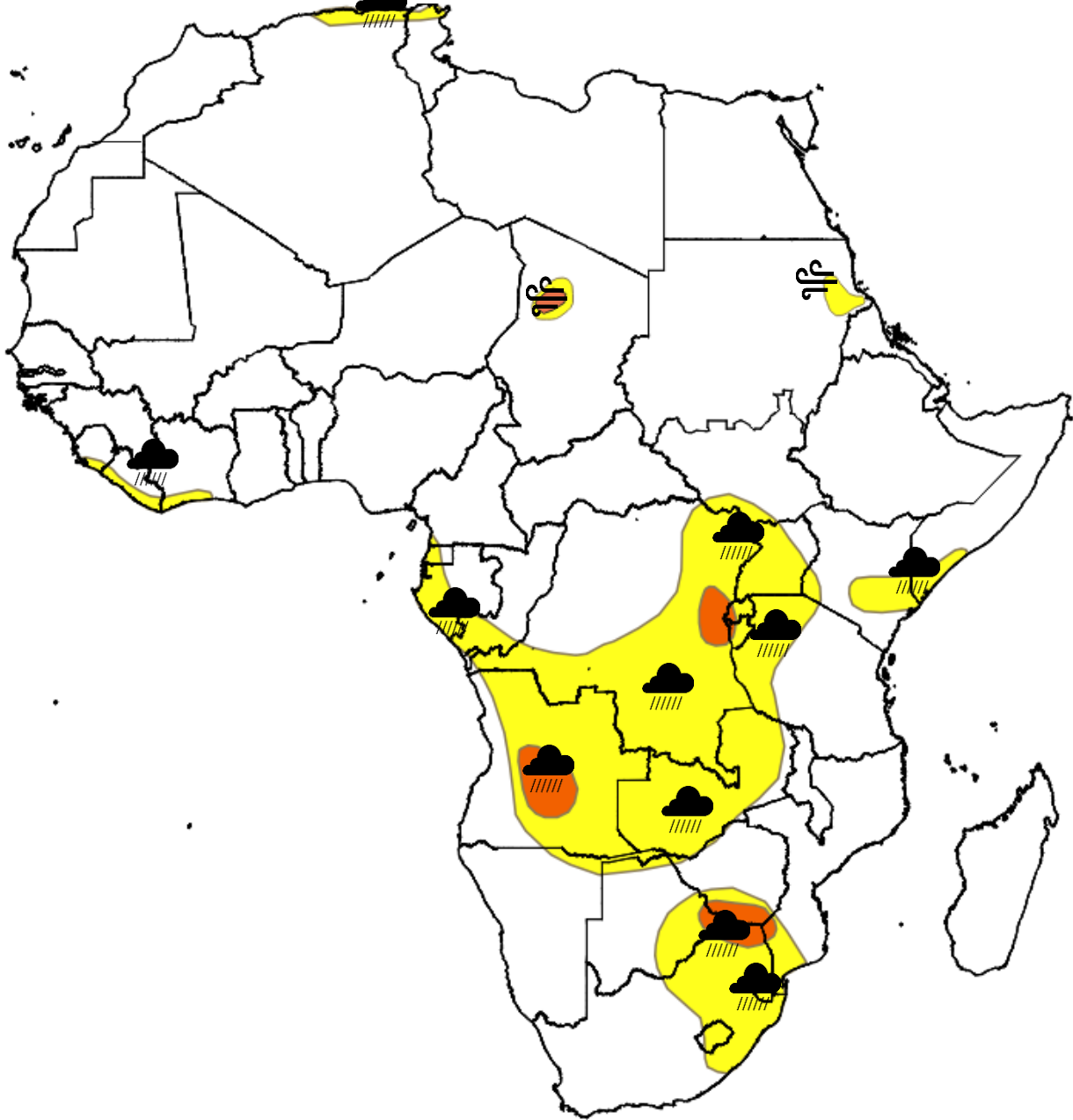
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MULTI-HAZARD OUTLOOK

Validity: 2024-11-11

issued on 2024-11-07



 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	

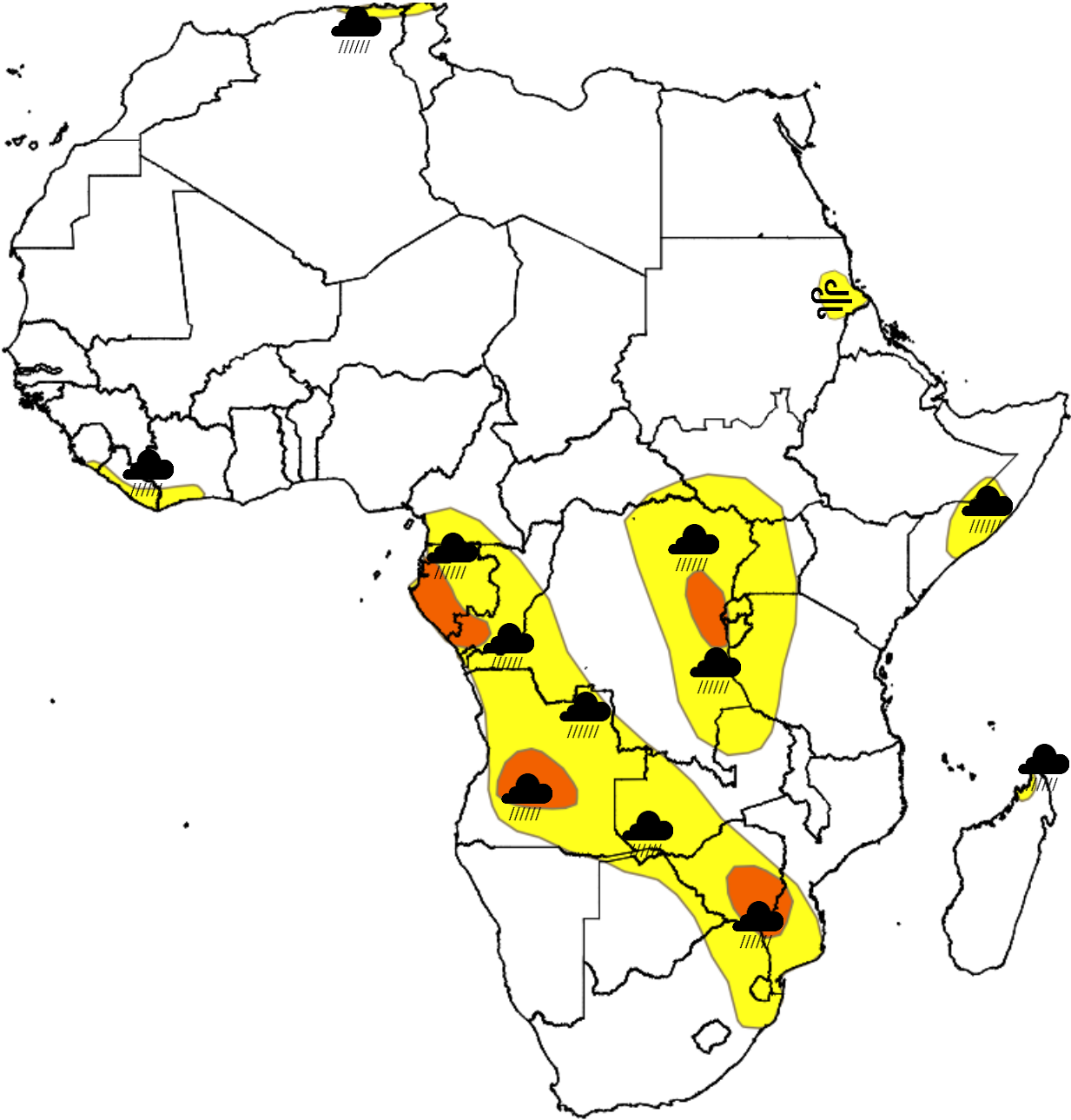
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MULTI-HAZARD OUTLOOK

Validity: 2024-11-12

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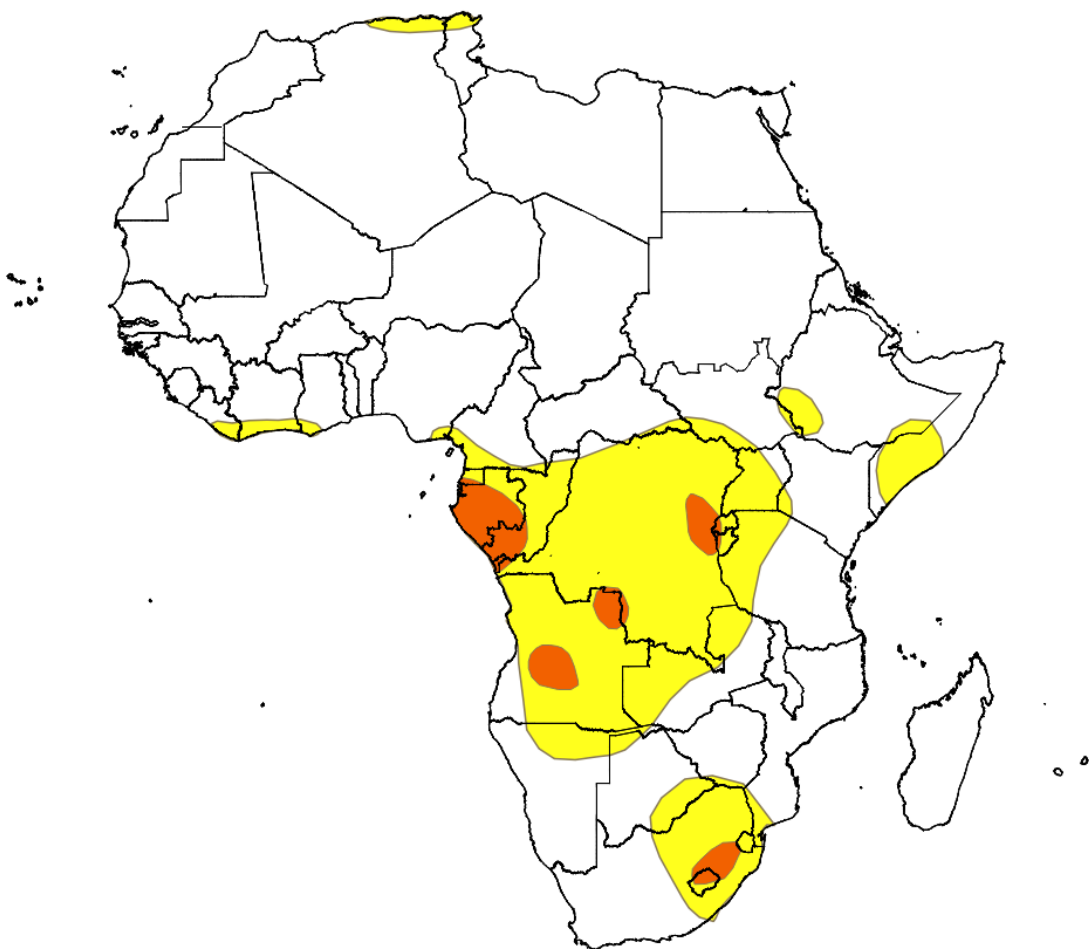


 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh ⁻¹	Very heavy >1000µg m ⁻³	Very likely
Heavy 50-100mm	Strong >65kmh ⁻¹	Heavy >600µg m ⁻³	Likely
Moderate 10 - 49mm	Moderate >50kmh ⁻¹	Moderate >400µg m ⁻³	Less likely
Light 1 - 10mm	Light <50kmh ⁻¹	Light <200µg m ⁻³	

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HIGHLIGHT: Heavy rainfall is expected Equatorial Guinea, Gabon, Congo, D.R.C., Angola, Burundi, Rwanda, South Africa, and Eswatini Kingdom.



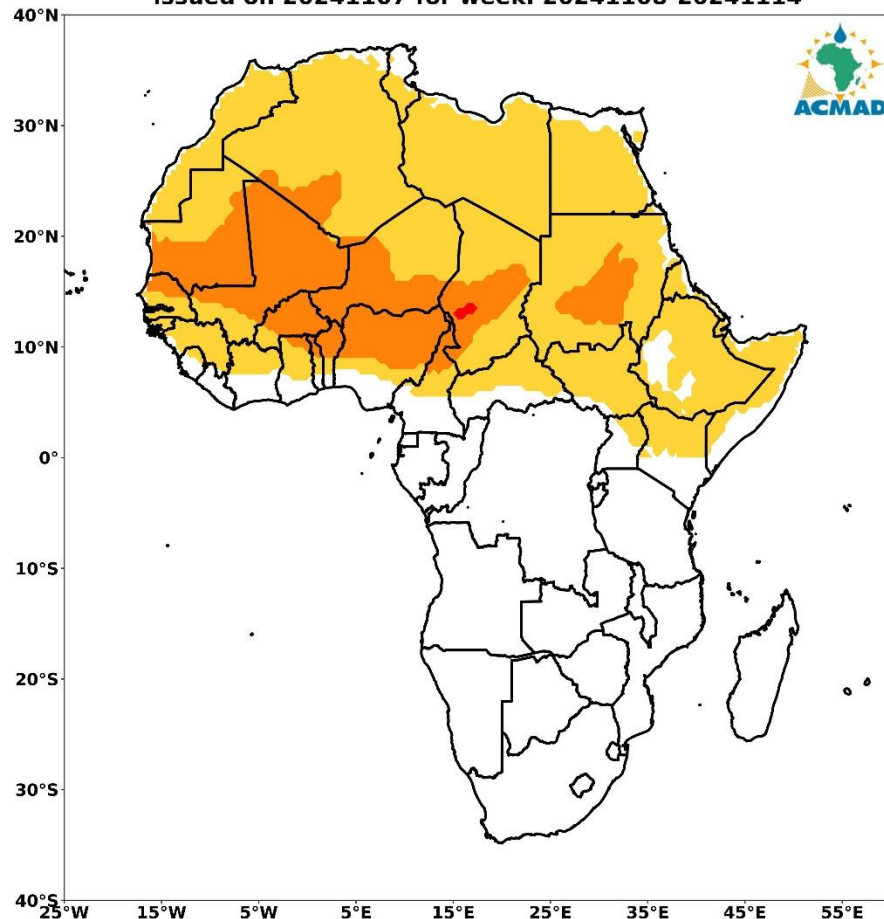
	Phenomenon	Hazard	Potentials Impacts	Measures / Advices
	In next 5 days accumulated rainfall (50-100mm) is likely,	Moderate rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning likely	Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (roads, bridges, ...)	Civil Protection services in west and central Africa and DRM authorities in East Africa to monitor closely the situation 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, ...)	Civil Protection services in west and central Africa and DRM authorities in East Africa to update Flood contingency plans, monitor the water level in river basin, reservoirs and dams, assess vulnerabilities and evacuation areas and take preparedness measures.
	In next 5 days accumulated 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 services and DRM authorities to activate flood contingency plans for emergency response (assistance to victims, search & rescue operations), and be in close touch with NHMS.

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HIGHLIGHT: Emergence of Meningitis Cases is very likely and epidemics status possible in Chad.

HIGHLIGHT: Emergence of Meningitis Cases is likely in Algeria, Senegal, Mauritania, Mali, Burkina Faso, Niger, Ghana, Benin, Nigeria, Chad, Cameroon, and Sudan.

VIGILANCE MAP FOR MENINGITIS OUTBREAKS IN AFRICA
issued on 20241107 for week: 20241108-20241114



	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

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Versions

Version	Date	By	Descriptions
V0	07-11-2024	WWFD forecasters	First draft for « Briefing », with all forecaster’s contributions
Last	07-11-2024	Dr. Pierre Kamsu	Final Review



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ClimSA

INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME



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