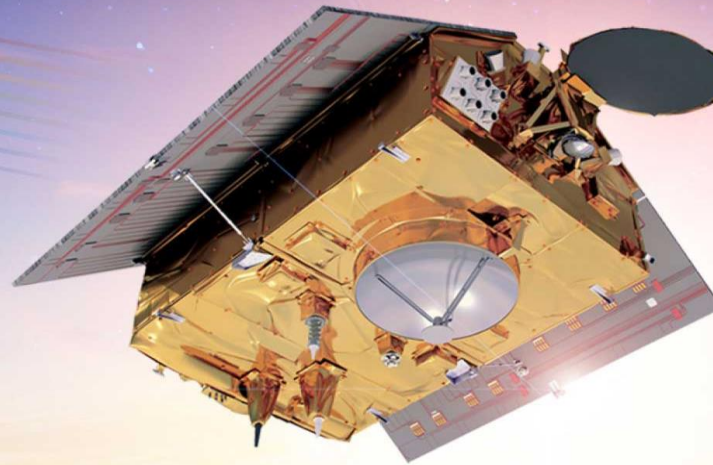


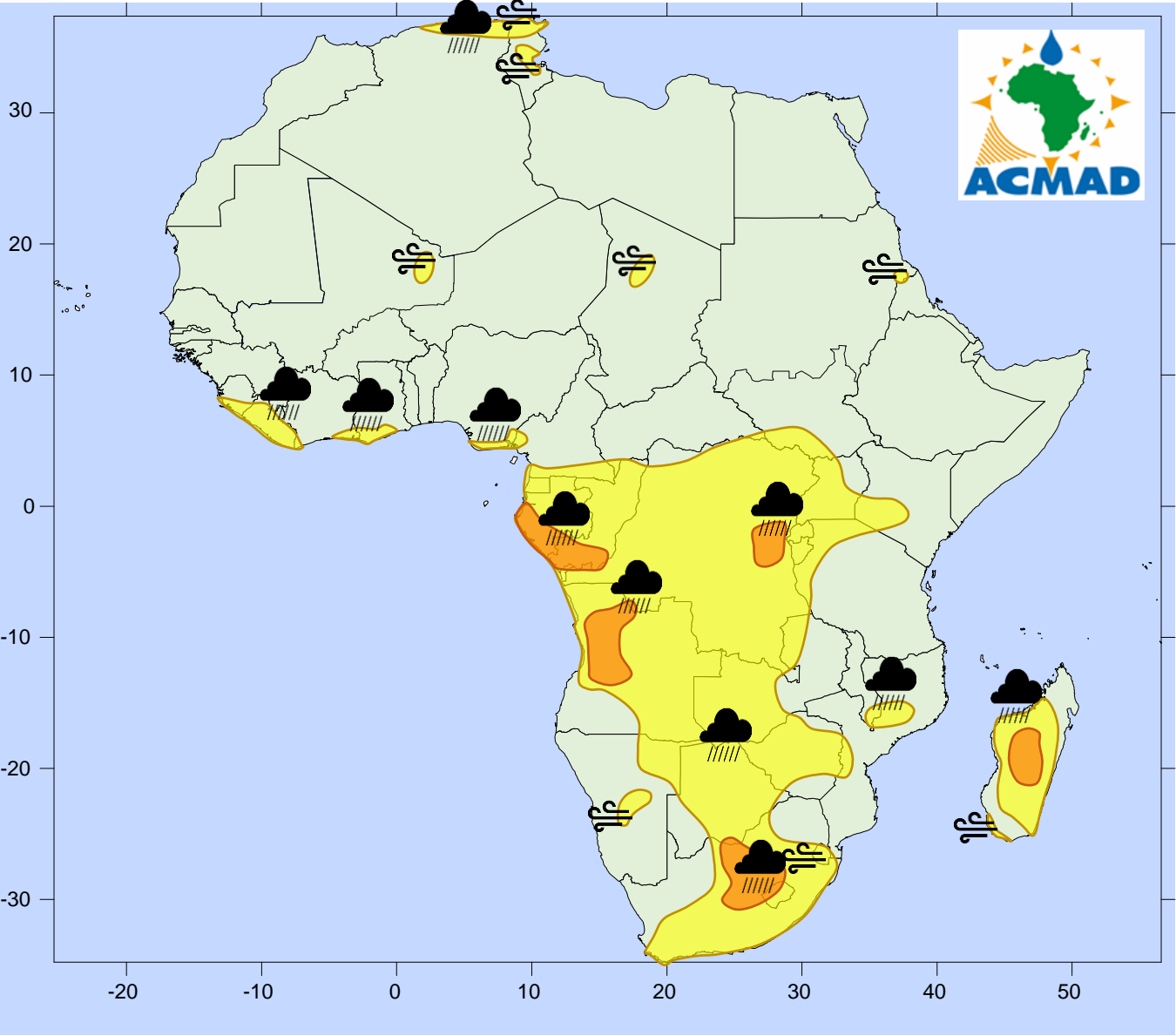
African Centre of Meteorological Applications for Development (ACMAD)

Continental Multi-Hazard & Advisory Bulletin



Issued on: November 3rd, 2022





Validity period: November 4th to 8th, 2022



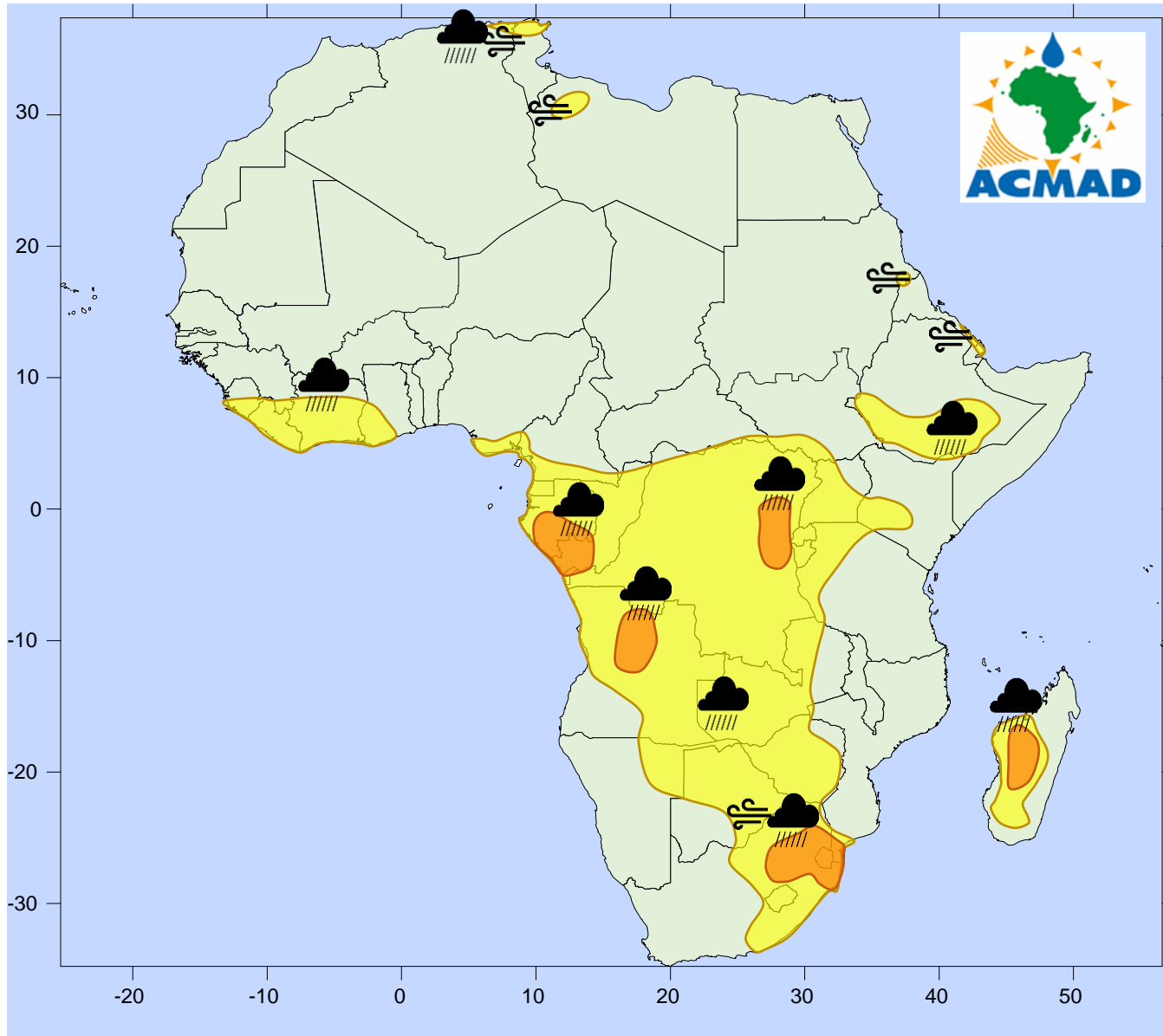
MULTI-HAZARD OUTLOOK

Validity: 2022-11-04

issued on 2022-11-03

 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	









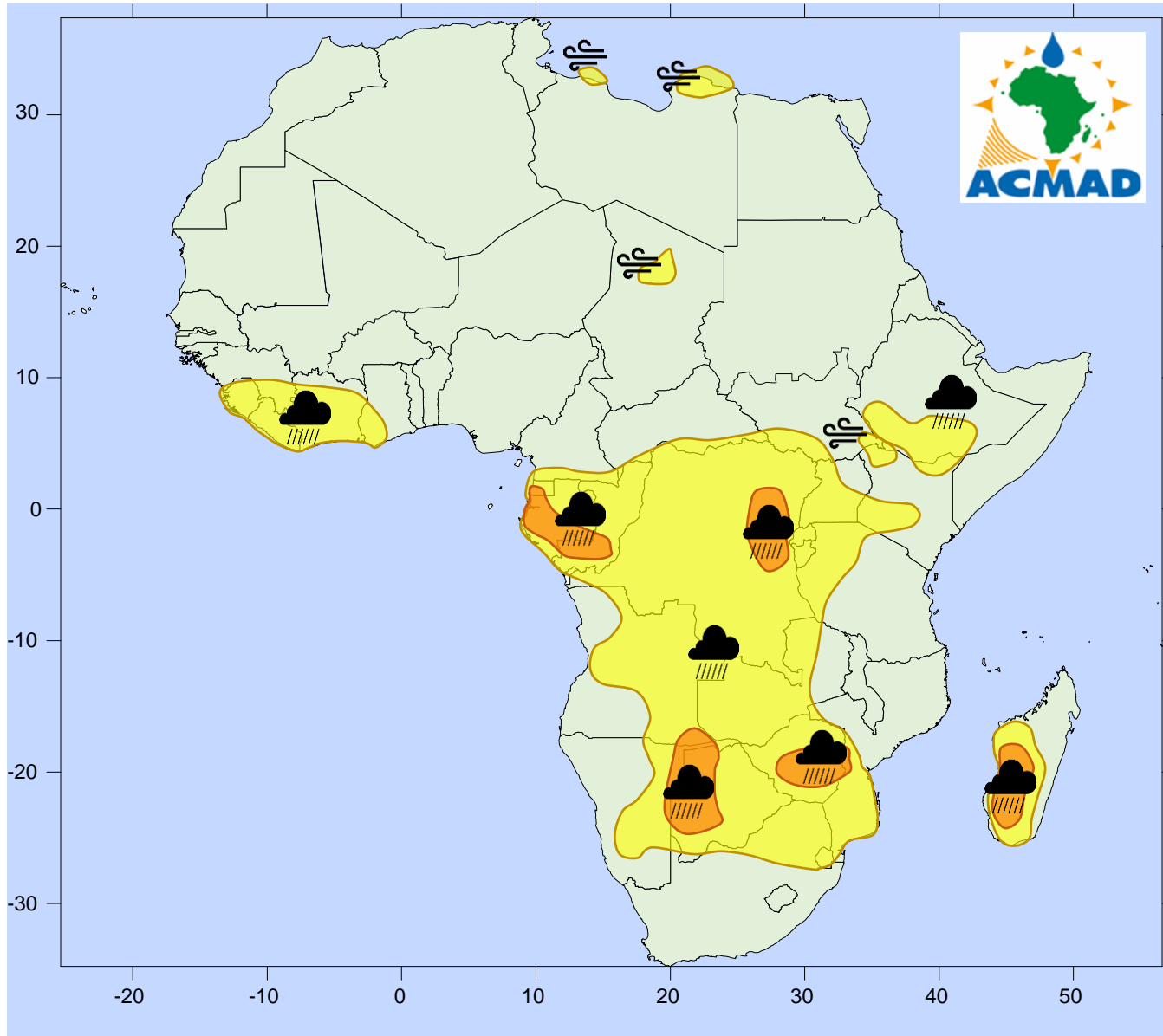
MULTI-HAZARD OUTLOOK

Validity: 2022-11-05

issued on 2022-11-03

 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	









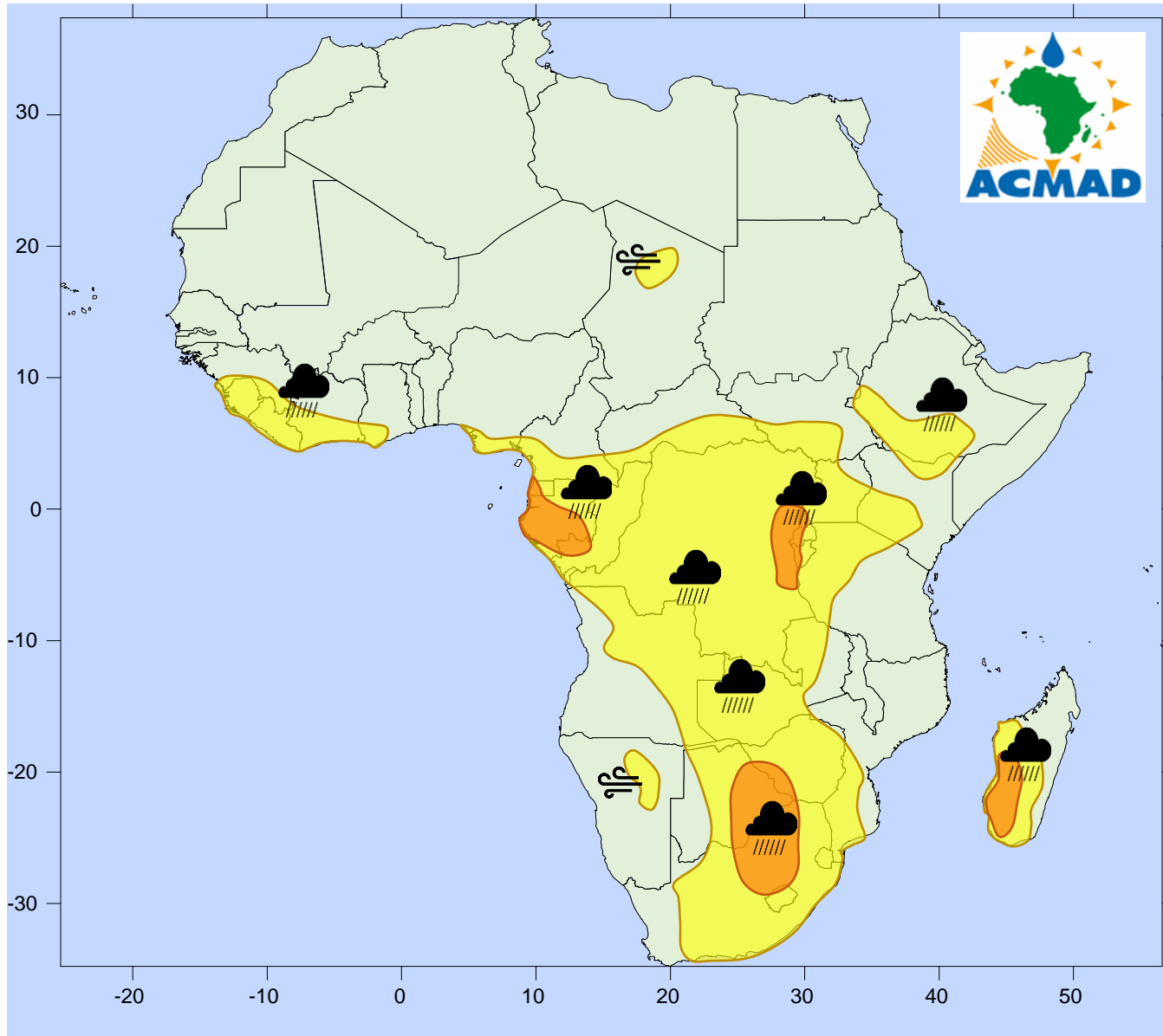
MULTI-HAZARD OUTLOOK

Validity: 2022-11-06

issued on 2022-11-03

 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	









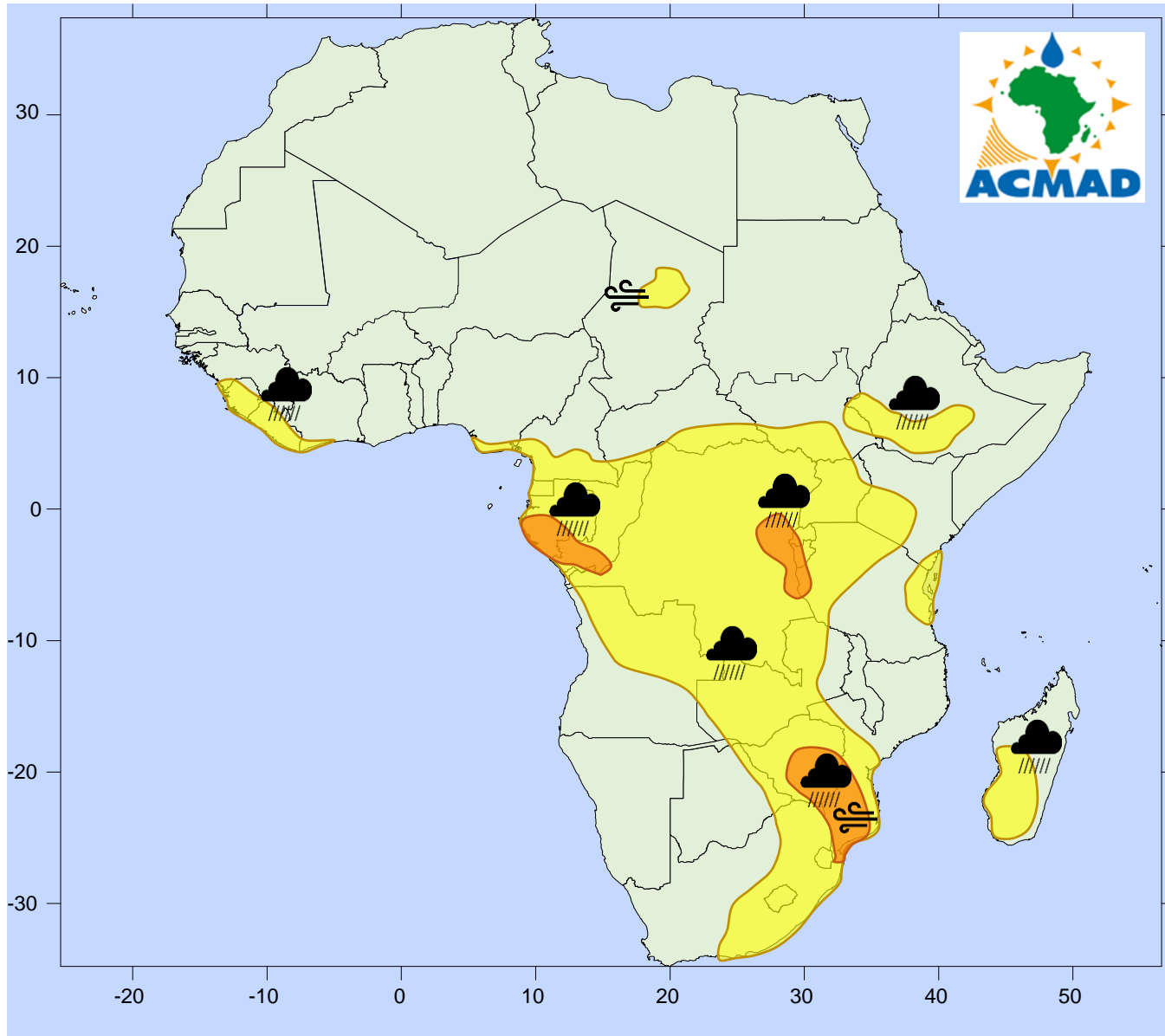
MULTI-HAZARD OUTLOOK

Validity: 2022-11-07

issued on 2022-11-03

 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

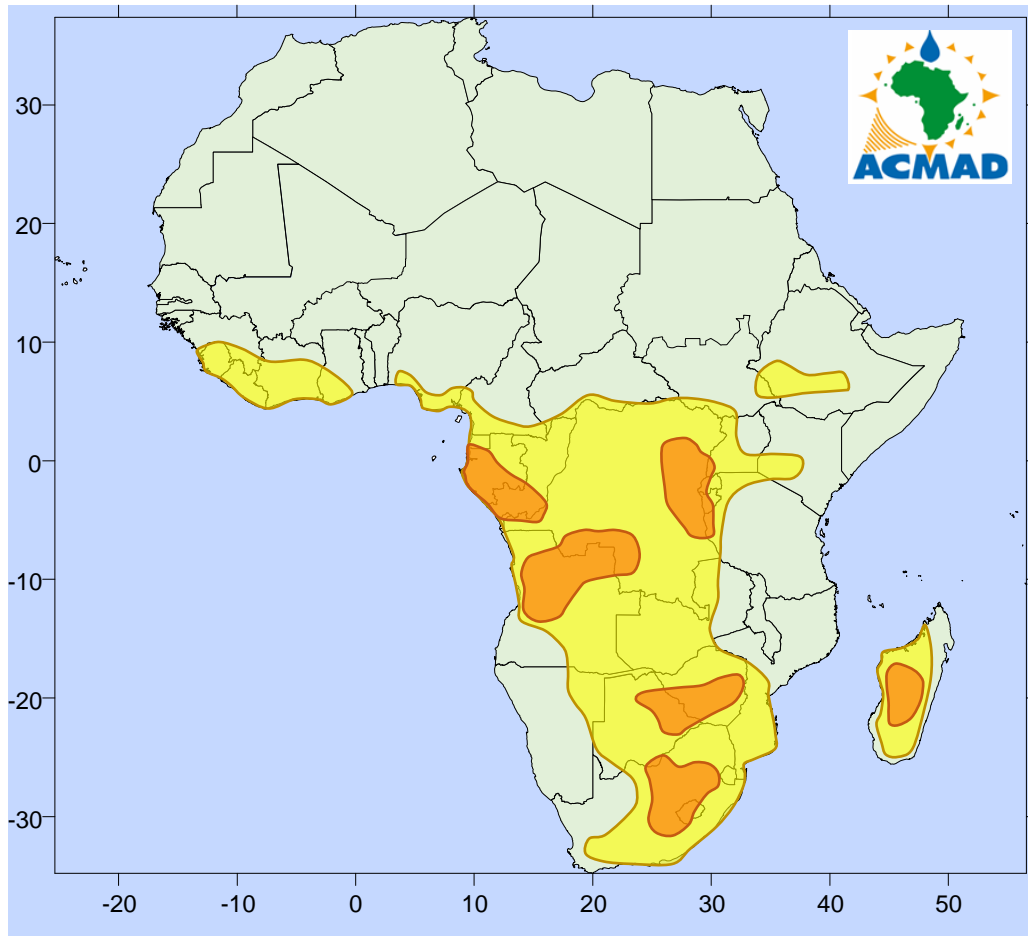
Validity: 2022-11-08

issued on 2022-11-03

 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	



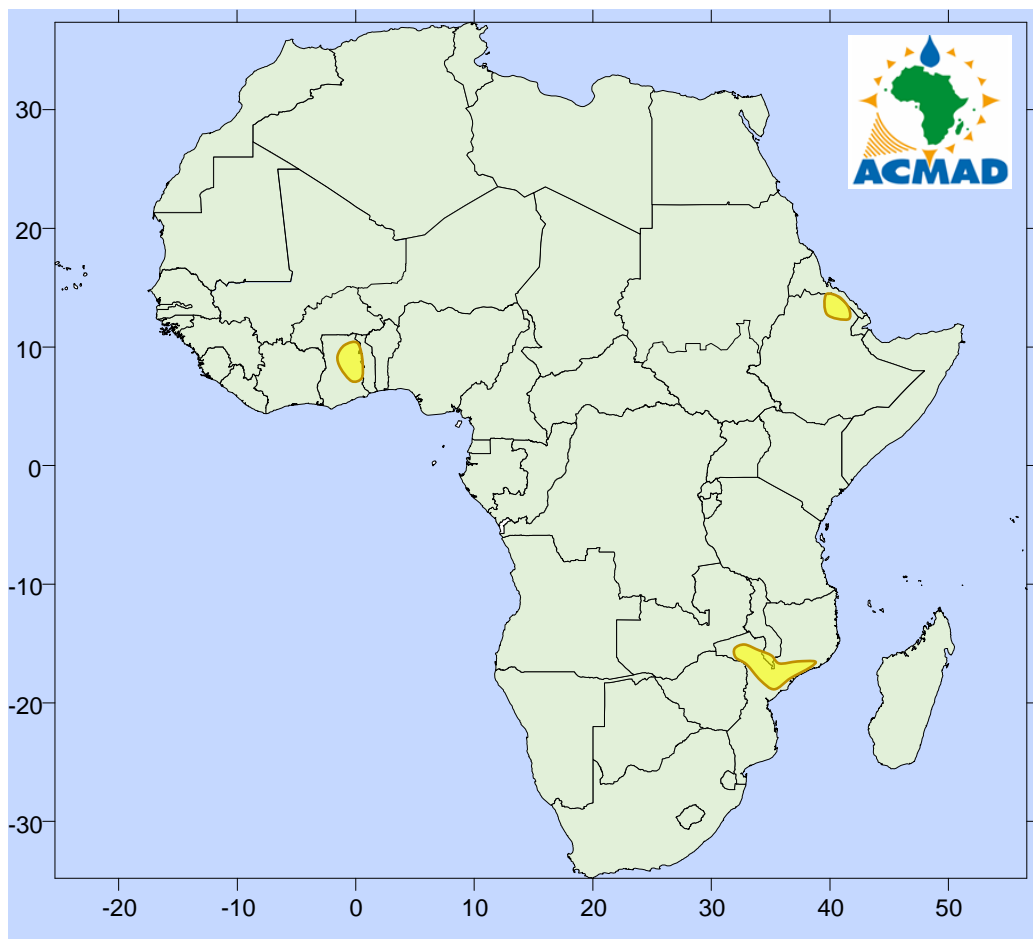
HIGHLIGHT: Heavy rainfall is expected over Equatorial Guinea, Gabon, Congo, DRC, Rwanda, Burundi, Tanzania, Angola, Zimbabwe, Botswana, South Africa, Lesotho and Madagascar



	Phenomenon	Hazard	Potentials Impacts	DRM 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 and DRM services in west, South, East, central Africa and Madagascar 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 and DRM services in South Gabon, Equatorial Guinea, and Congo, Central and North East of Angola, West, South and East of DRC, Central and Central East and West of South Africa, East of Botswana, Central and Central East and West of Zimbabwe, West of Lesotho and Central Madagascar to update Flood contingency plans, monitor the water level in river basin, reservoirs and dams, assess vulnerabilities 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, in case the situation become serious.

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.

HIGHLIGHT: Light heat wave is likely expected over Ghana, Ethiopia, Malawi and Mozambique



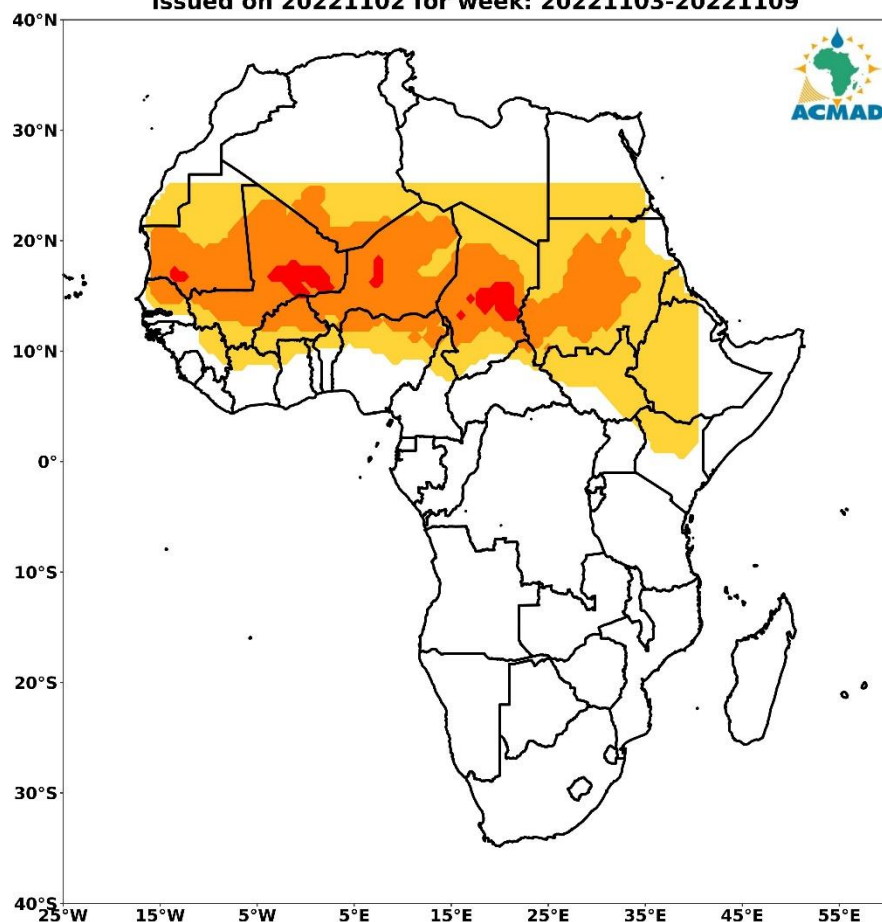
	Phenomenon	Hazard	Potentials Impacts	DRM Measures / Advices
	In next 5 days apparent temperature >40°C to 44°C are expected for two days	Heat wave Conditions persists on 2days	Moderate temperature heat is tolerable for general public but moderate health concern for vulnerable people(people chronic diseases, infants and elderly)	Civil Protection and DRM services in East of Ghana, North of Ethiopia, Central and Central East of Mozambique, South of Malawi to monitor closely the 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 and DRM services to update heat wave contingency plan, assess vulnerabilities, cooling systems and take awareness measures in close relation with the health services in case the situation persist.
	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 and DRM services to activate heat wave contingency plan for emergency response in case the situation become serious.

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

VIGILANCE MAP FOR MENINGITIS OUTBREAKS IN AFRICA
issued on 20221102 for week: 20221103-20221109



Disclaimer:

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	Phenomenon	Hazard	Potentials Impacts	Advisory / Measures
	<ul style="list-style-type: none"> - 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
	<ul style="list-style-type: none"> - 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, pressure on the health system	Activation of surveillance systems at regional and national levels
	<ul style="list-style-type: none"> - 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	By	Descriptions
V0	03-11-2022	WWFD forecasters	First draft for « Briefing », with all forecaster's contributions
Last	03-11-2022	Dr. Pierre Kamsu	Final Review



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ClimSA

INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME



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