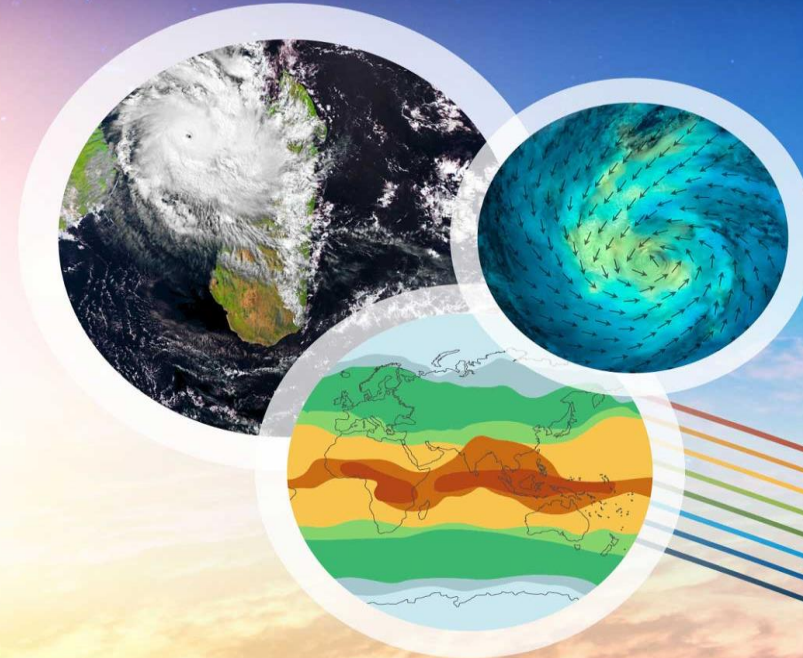
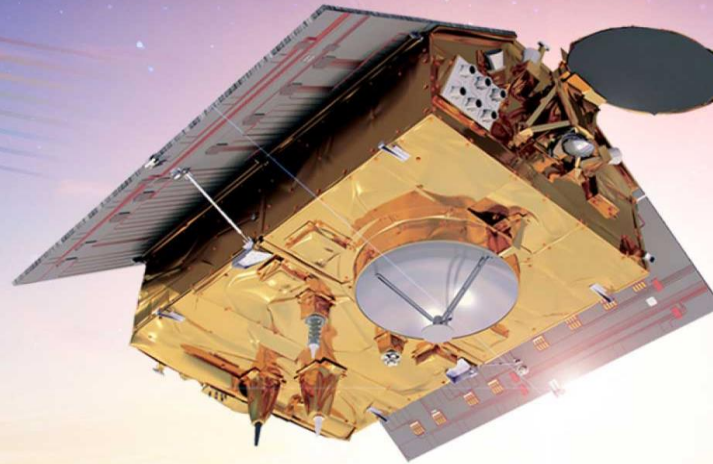


African Centre of Meteorological Applications for Development (ACMAD)

Continental Multi-Hazard & Advisory Bulletin

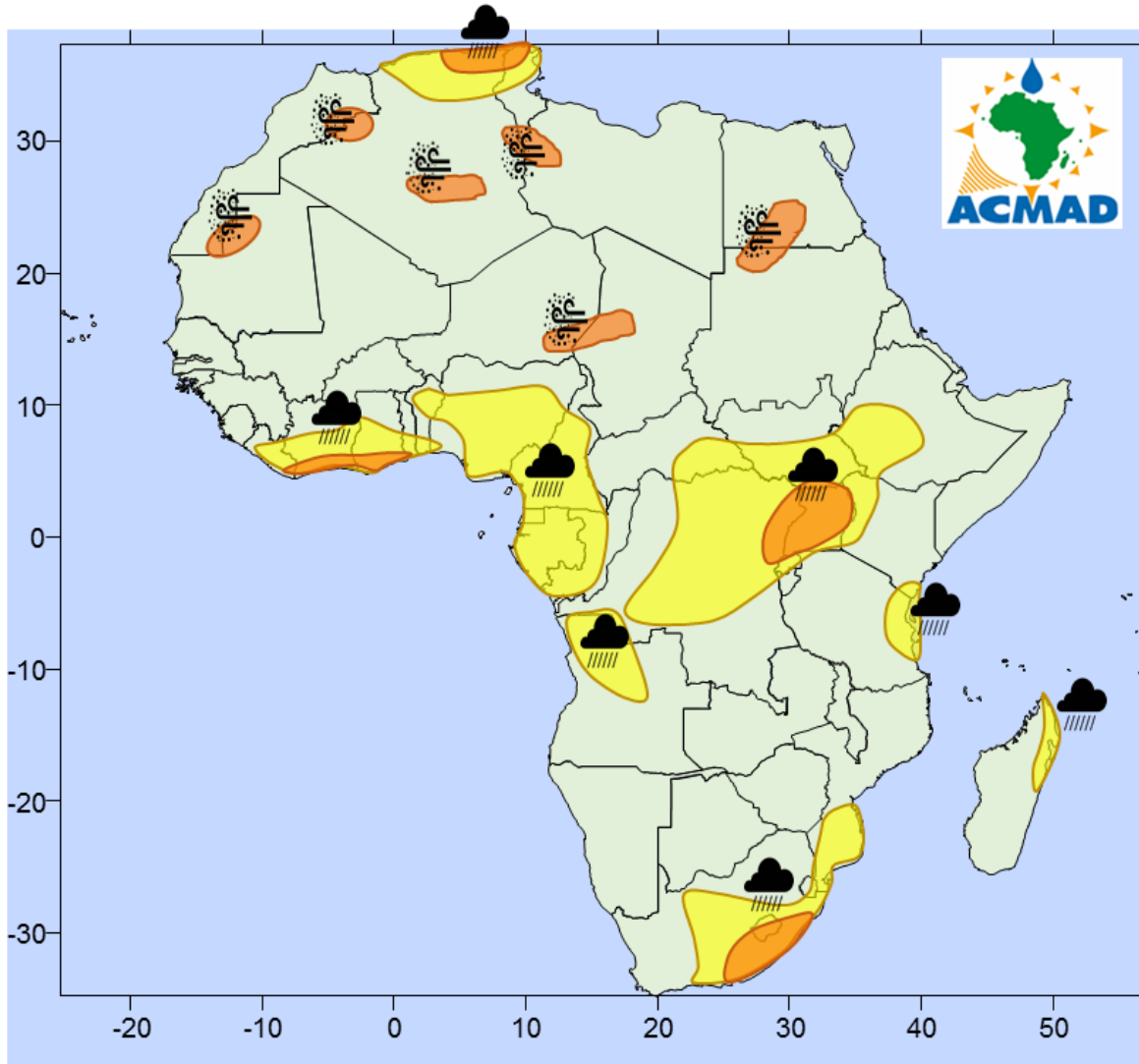






Issued on: April 14th, 2022
Validity period: April 15th to 19th, 2022

MULTI-HAZARD OUTLOOK

Validity: 2022-04-15

issued on 2022-04-14



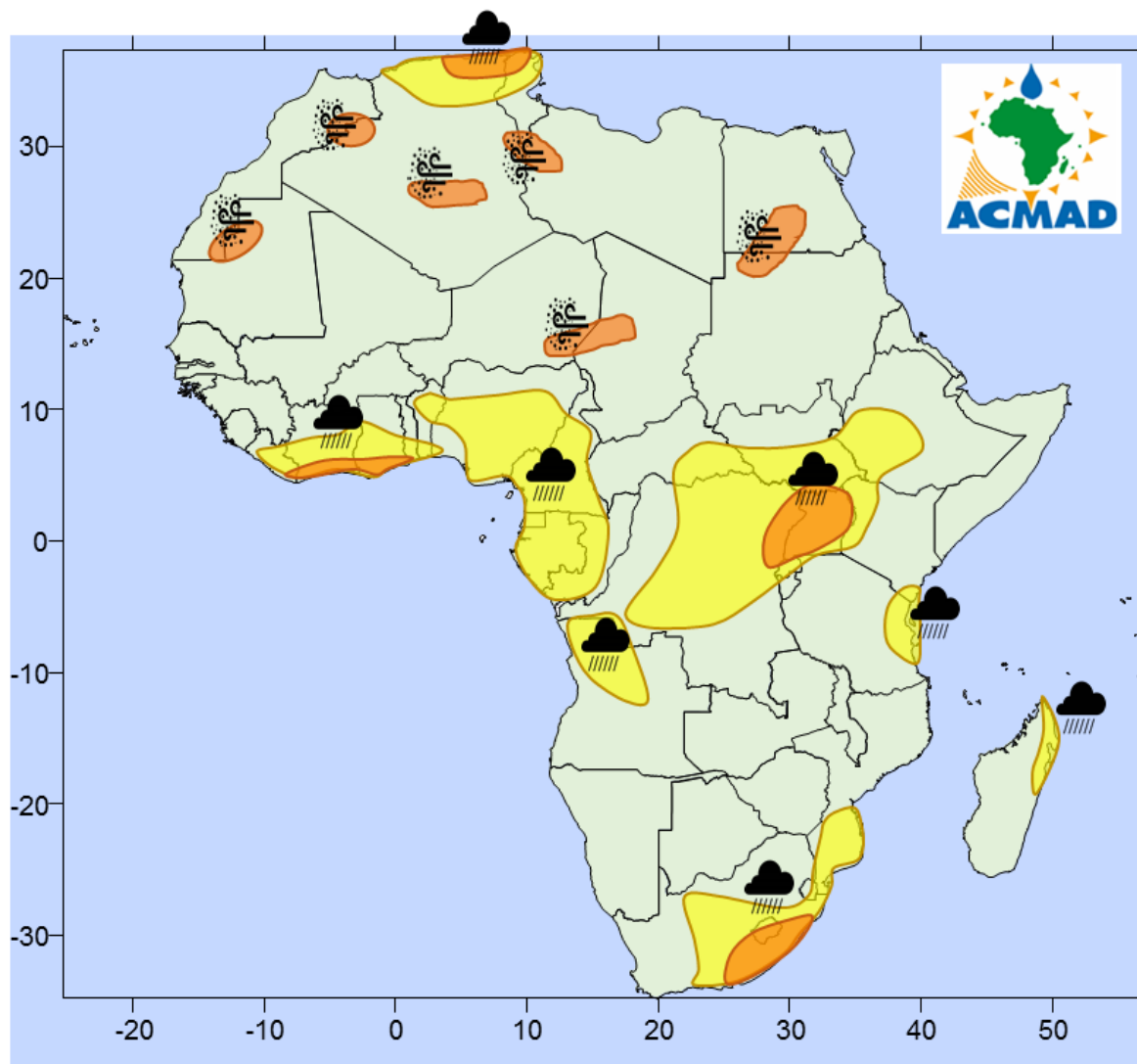
 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh ⁻¹	Very heavy >1000µg m ⁻³	Very likely
Heavy 50-100mm	Strong >65kmh ⁻¹	Heavy >600µg m ⁻³	Likely
Moderate 10 - 49mm	Moderate >50kmh ⁻¹	Moderate >400µg m ⁻³	Less likely
Light 1 - 10mm	Light <50kmh ⁻¹	Light <200µg m ⁻³	







MULTI-HAZARD OUTLOOK

Validity: 2022-04-16

issued on 2022-04-14



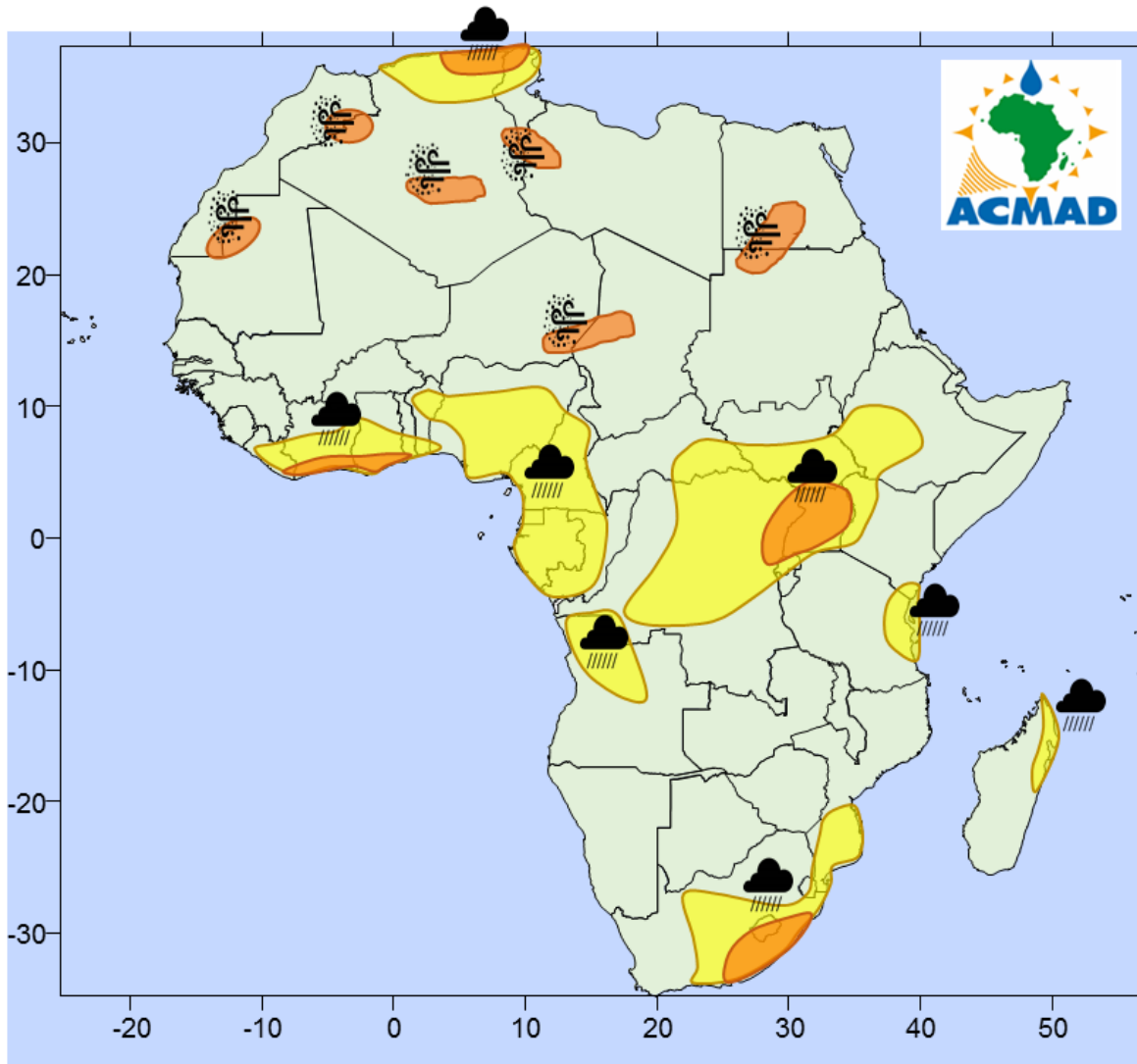
 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh ⁻¹	Very heavy >1000µg m ⁻³	Very likely
Heavy 50-100mm	Strong >65kmh ⁻¹	Heavy >600µg m ⁻³	Likely
Moderate 10 - 49mm	Moderate >50kmh ⁻¹	Moderate >400µg m ⁻³	Less likely
Light 1 - 10mm	Light <50kmh ⁻¹	Light <200µg m ⁻³	







MULTI-HAZARD OUTLOOK

Validity: 2022-04-17

issued on 2022-04-14



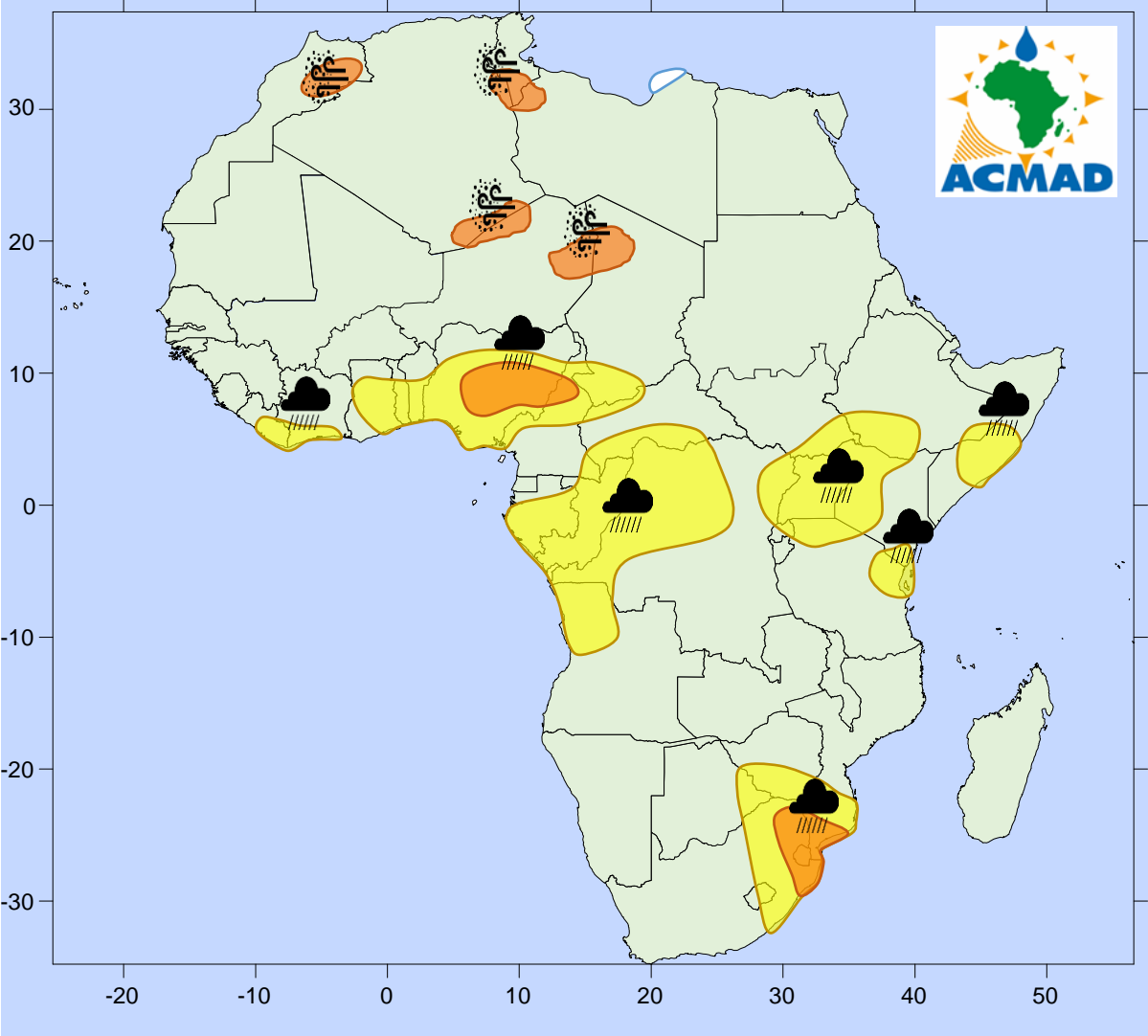
 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh ⁻¹	Very heavy >1000µg m ⁻³	Very likely
Heavy 50-100mm	Strong >65kmh ⁻¹	Heavy >600µg m ⁻³	Likely
Moderate 10 - 49mm	Moderate >50kmh ⁻¹	Moderate >400µg m ⁻³	Less likely
Light 1 - 10mm	Light <50kmh ⁻¹	Light <200µg m ⁻³	







MULTI-HAZARD OUTLOOK

Validity: 2022-04-18

issued on 2022-04-14



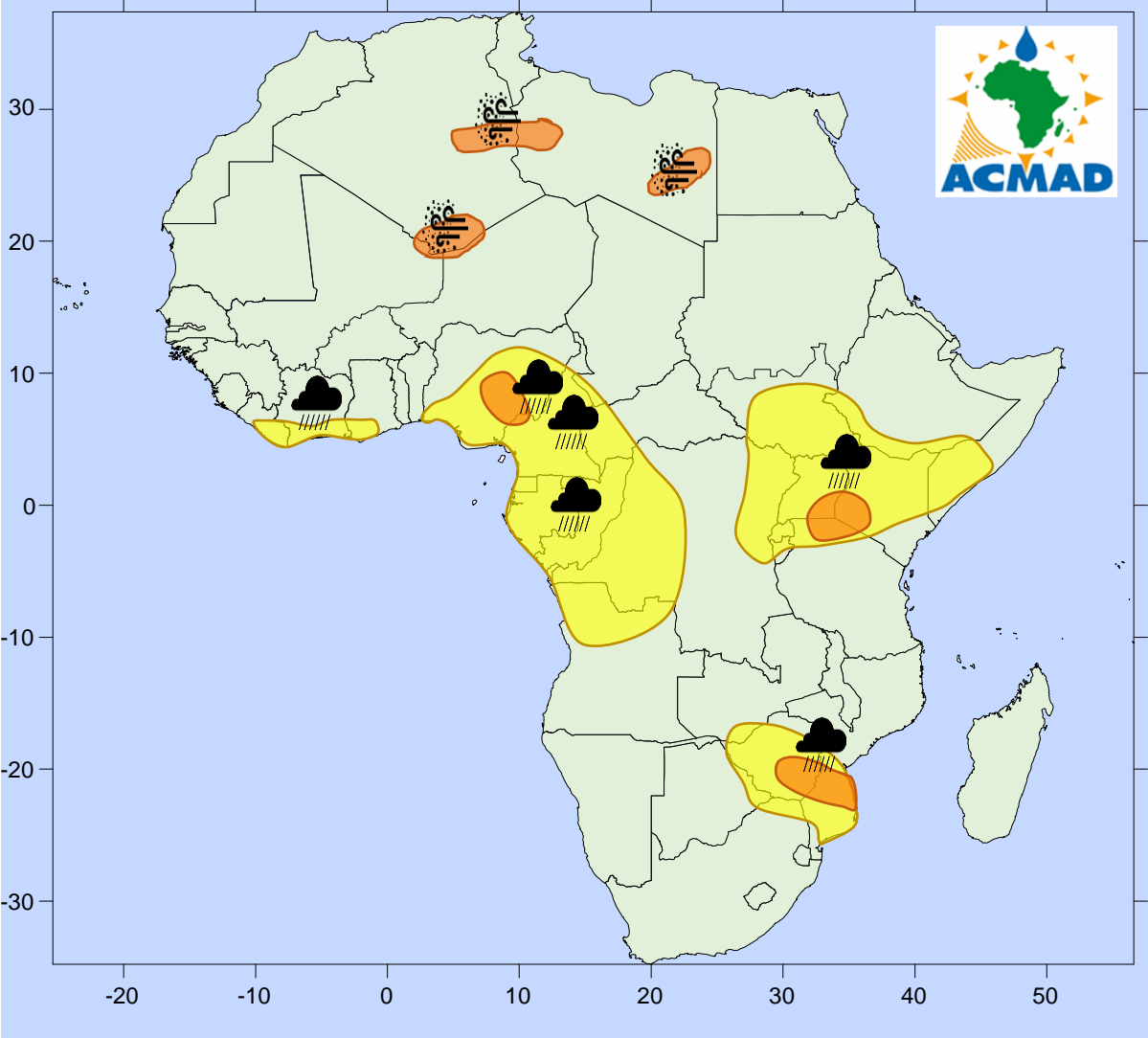
 Rain	 Wind	 Dust	 Meningitis
Very heavy >100mm	Very strong >80kmh ⁻¹	Very heavy >1000µg m ⁻³	Very likely
Heavy 50-100mm	Strong >65kmh ⁻¹	Heavy >600µg m ⁻³	Likely
Moderate 10 - 49mm	Moderate >50kmh ⁻¹	Moderate >400µg m ⁻³	Less likely
Light 1 - 10mm	Light <50kmh ⁻¹	Light <200µg m ⁻³	







MULTI-HAZARD OUTLOOK

Validity: 2022-04-19

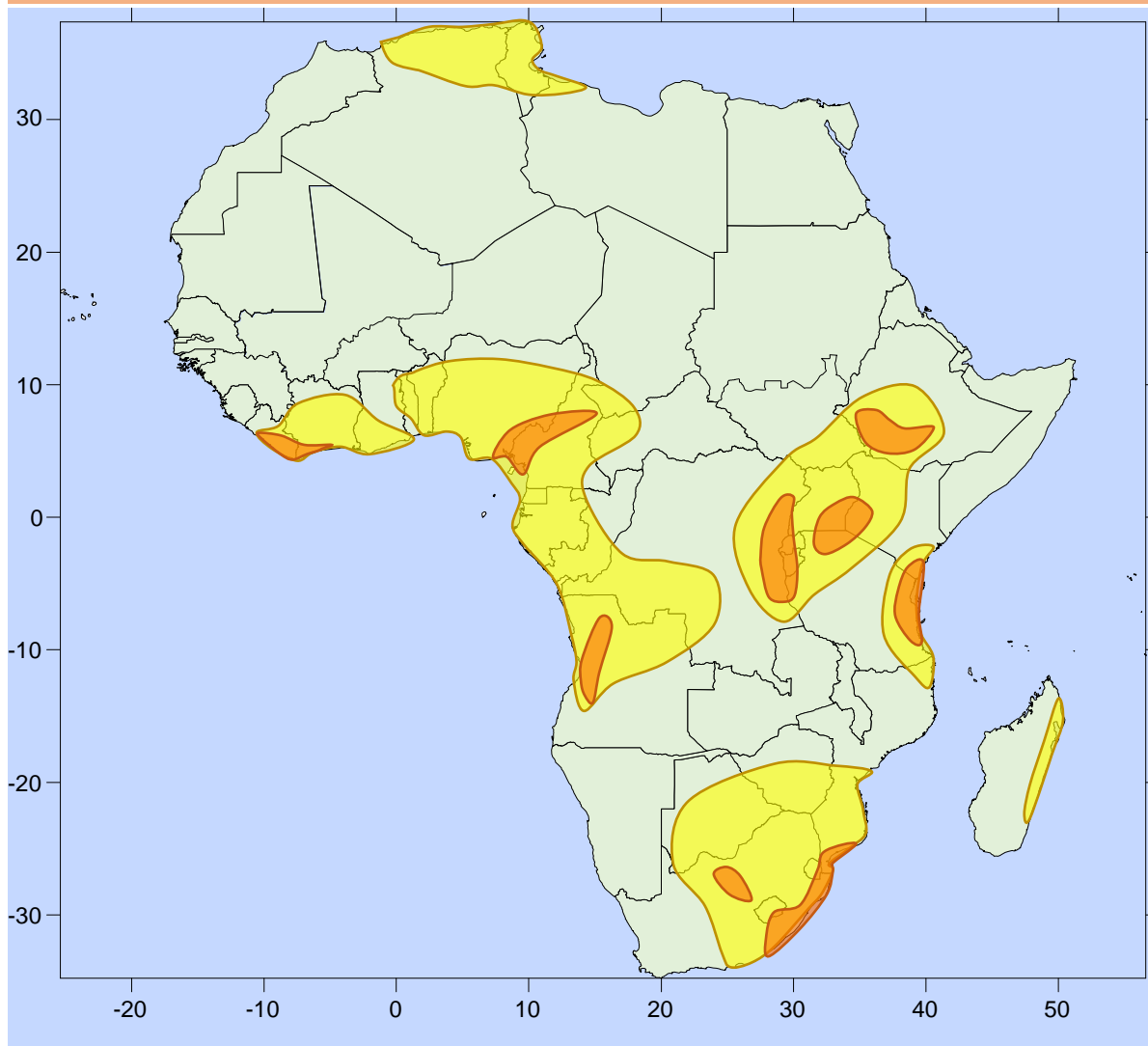
issued on 2022-04-14



 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 precipitation is expected in Liberia, Cote d'Ivoire, Nigeria, Cameroon, Angola, Great Lake region, Ethiopia, Tanzania, Mozambique and South Africa.



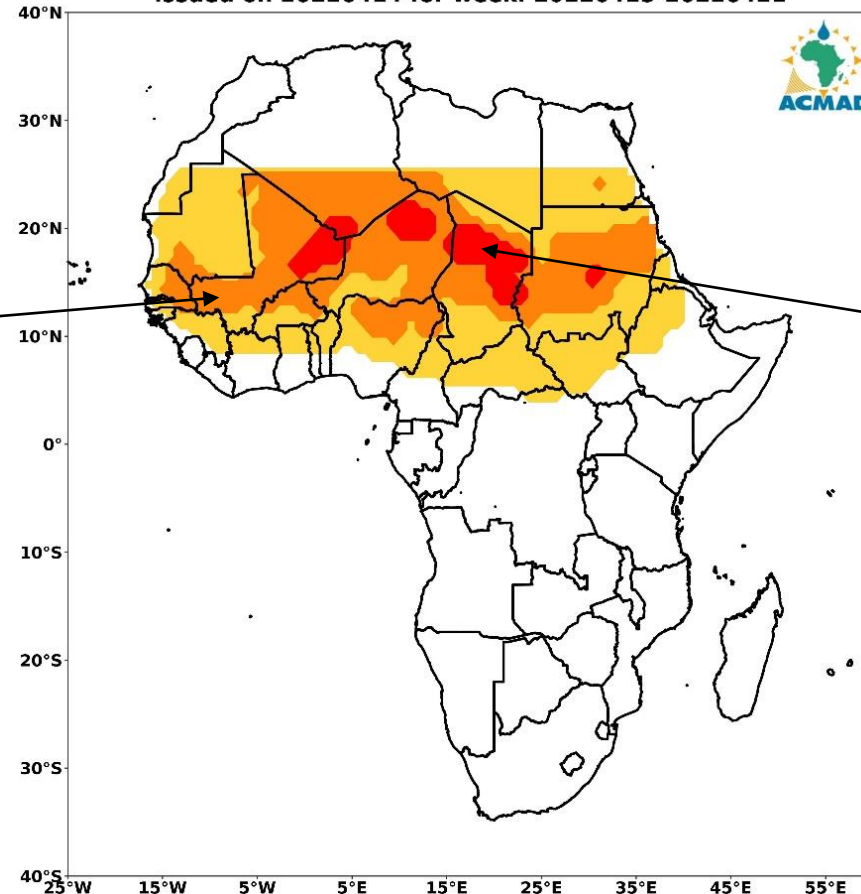
	Phenomenon	Hazard	Potentials Impacts	Measures / Advices
	In next 5 days accumulated rainfall (50-100mm) is likely,	Moderate rainfall, flash flood, riverine flooding, landslides, soil erosion and lightning likely	Displacements of people due to floods, outbreak of water borne diseases, damage of infrastructures (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 FOR MENINGITIS OUTBREAK

15 - 21 April 2022

Issued on 14 April 2022

VIGILANCE MAP FOR MENINGITIS OUTBREAKS IN AFRICA
issued on 20220414 for week: 20220415-20220421



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/Advices:

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/Advices:

Strengthen meningitis surveillance systems at both regional and national levels