

Continental Watch

From Friday, August 19, 2022 to Tuesday, August 23, 2022

1.HIGHLIGHTS

Observed events over the last five days:

(From Sunday, August 14, 2022 to Thursday, August 18, 2022)

According to local media reports in Cameroon, at least five people have died, and many others have been injured following a landslide in the North West region of the country. Meanwhile, around 100 people have been left homeless after floods destroyed homes in the South West region.

More than 11 people have died as a result of heavy rains in Addis Ababa, Ethiopia. Damage to life and property is considered severe in some parts of the city where roads have been closed as firefighters work to minimize the damage.

Multi - Hazard Outlook for the next 5 days :

Level 4 warning for possible extreme precipitation over Guinea, Mauritania, Nigeria and Sudan.

Level 3 warning for possible extreme precipitation over Burkina Faso, Côte d'Ivoire, Ethiopia, Guinea, Mali, Niger, Senegal, Sudan, Sierra Leone, South Sudan, Chad and Togo.

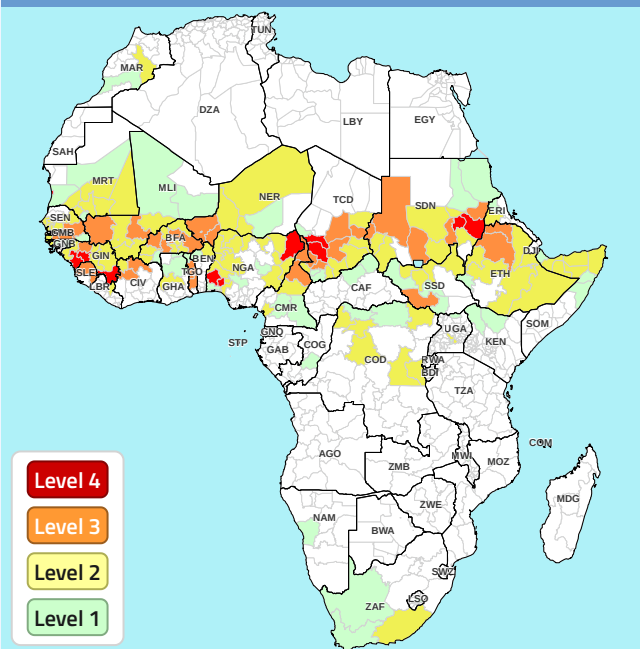
Level 4 warning for possible riverine flooding in Nigeria, Sudan and Chad.

Level 3 warning for possible riverine flooding in Cameroon, Sudan and Chad.

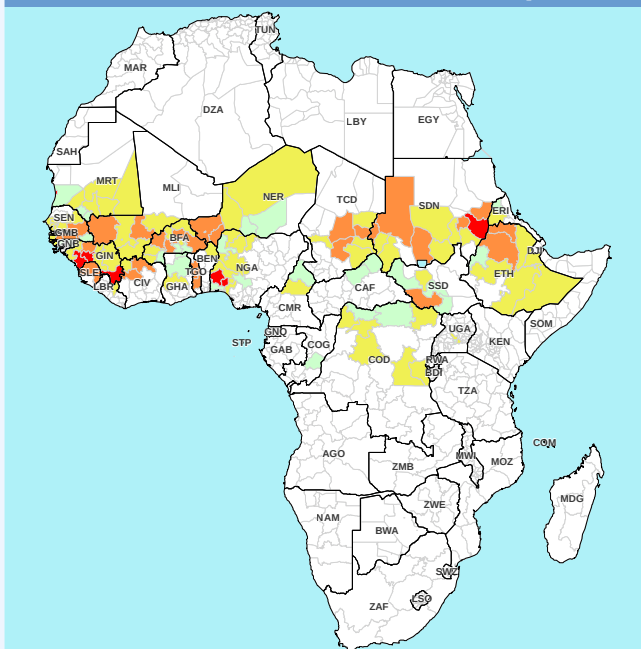
2. DETAILED MULTI-HAZARD OUTLOOK FOR THE NEXT 5 DAYS

From August 19, 2022 to August 23, 2022

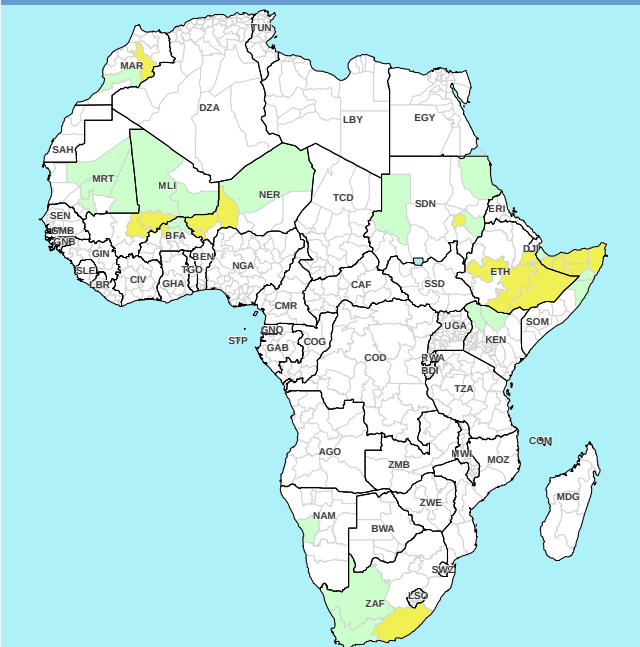
Multi-Hazard assessment



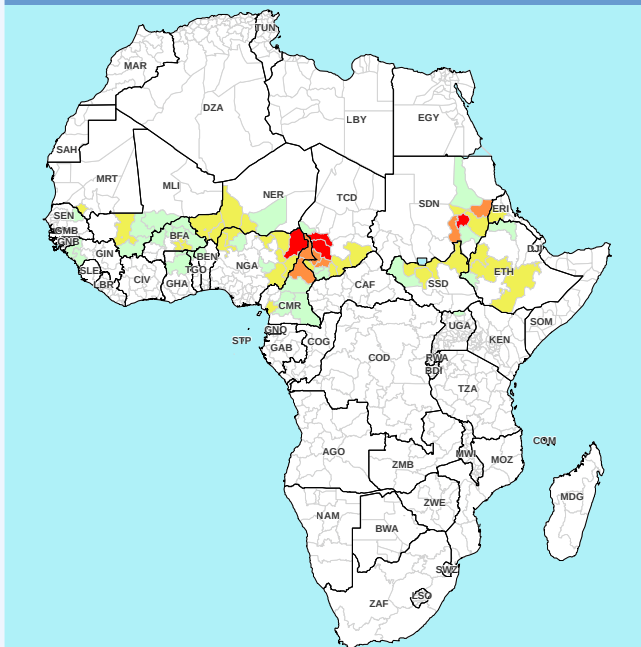
Extreme Precipitation



Wind Storms



River Floods



These maps summarize the forecast occurrence of extreme precipitation, wind storms and river floods possibly affecting the population in the next 5 days. Regions are color-coded into four classes of warning according to increasing rates of population affected, from Level 1 (lowest warning) to Level 4 (highest warning). Areas with no significant impacts foreseen are colored in white. Impacts are estimated by crossing information on hazard, exposure, vulnerability and coping capacity. Hazard classes are defined according to threshold levels for each hazard derived from statistical analysis on past events or from reference literature values. The Multi-Hazard assessment map shows the highest forecast warning level among the considered hazards in the next 5 days.



Extreme Precipitation:

Level 4: Guinea (Kindia, Mamou, Nzérékoré), Mauritania (Nouakchott), Nigeria (Osun, Oyo), Sudan (Al Qadarif)

Level 3: Burkina Faso (Boucle du Mouhoun, Centre, Centre-Nord, Centre-Ouest, Est), Côte d'Ivoire (Savanes, Woroba), Ethiopia (Amhara, Tigray), Guinea (Labé), Mali (Kayes, Ségou), Niger (Dosso, Tillabéry), Senegal (Kolda, Sédhiou, Tambacounda), Sudan (Al Jazirah, Kassala, North Darfur, West Darfur, West Kurdufan), Sierra Leone (Eastern, Northern), South Sudan (West Equatoria), Chad (Batha, Guéra, Ouaddaï), Togo (Centre, Kara, Plateaux)

Level 2: Gambia (Lower River, Maccarthy Island, Upper River, Western), Benin (Alibori), Burkina Faso (Cascades, Haut-Bassins, Nord, Plateau-Central, Sahel), Côte d'Ivoire (Denguélé), Cameroon (Adamaoua), Democratic Republic of the Congo (Haut-Uélé, Maniema, Mongala, Sud-Kivu, Sud-Ubangi, Tshuapa), Eritrea (Gash Barka), Ethiopia (Afar, Oromia, Somali), Ghana (Brong Ahafo), Guinea (Boké, Faranah, Kankan), Guinea-Bissau (Cacheu), Liberia (Nimba), Mauritania (Assaba, Brakna, Hodh ech Chargui, Hodh el Gharbi, Tagant), Mali (Koulikoro, Mopti, Sikasso), Niger (Agadez, Tahoua), Senegal (Diourbel, Fatick, Kaffrine, Kaolack, Matam, Thiès, Ziguinchor), Nigeria (Ekiti, Federal Capital Territory, Katsina, Kwara, Niger, Ondo, Sokoto, Zamfara), Sudan (Central Darfur, North Kurdufan, Sennar, South Darfur, South Kurdufan, White Nile), South Sudan (Warap), Chad (Hadjer-Lamis, Salamat, Sila, Wadi Fira), Uganda (Luwero, Mukono)

Level 1: Burkina Faso (Centre-Est, Centre-Sud, Sud-Ouest), Central African Republic (Bamingui-Bangoran, Vakaga), Cameroon (Nord), Democratic Republic of the Congo (Bas-Uélé, Nord-Ubangi), Republic of Congo (Plateaux), Eritrea (Semenawi Keyih Bahri), Ethiopia (Benshangul-Gumaz), Ghana (Northern, Upper East), Guinea-Bissau (Gabú, Oio), Mauritania (Gorgol, Guidimaka, Trarza), Niger (Maradi, Zinder), Nigeria (Kebbi, Kogi, Ogun), Senegal (Kédougou), South Sudan (Central Equatoria, Lakes, West Bahr-al-Ghazal), Uganda (Wakiso)

More details:

Possibility of heavy rainfall between 100mm and 150mm is very likely over northern and south-eastern Senegal, Guinea Bissau, Guinea, Sierra Leone, north-western Liberia, southern Mali, Burkina Faso, northern Cote d'Ivoire, northern Ghana, northern Togo, northern Benin, southern Niger, northern Nigeria, north-eastern Central African

Republic, south-eastern Chad, south-western Sudan, South Sudan, northern Ethiopia and north-western Eritrea.

Possibility of moderate precipitation in the range of 50mm to 100mm is very likely over central Senegal, the Gambia, southern Mauritania, central Mali, central Burkina Faso, southern Niger, eastern Sierra Leone, western Liberia, north-central Cote d'Ivoire, north-central Ghana, north-central Togo, central to northern Benin, Nigeria, Cameroon, northern Equatorial Guinea, northern Gabon, northern Congo, Central African Republic, southern Chad, South Sudan, southern Sudan, northern Democratic Republic of the Congo (DRC), Rwanda, Uganda, western Kenya, western Ethiopia, western Eritrea, coastal areas of southern South Africa, northern coastal Mozambique and south-eastern Madagascar.

The differences between areas likely to experience extreme rainfall and forecast impact alert levels are due to variabilities in the exposed population to the hazard as well as levels of vulnerability and coping capacities of the areas at risk.



Wind Storms:

Level 2: South Africa (Eastern Cape), Burkina Faso (Nord), Ethiopia (Oromia, Somali), Morocco (Meknès - Tafilalet), Mali (Mopti, Ségou), Niger (Tahoua, Tillabéry), Somalia (Bari, Sanaag, Sool, Togdheer, Woqooyi Galbeed), Sudan (Al Jazirah)

Level 1: Burkina Faso (Centre-Nord, Sahel), Kenya (Marsabit, Turkana), Lesotho (Thaba-Tseka), Malawi (Salima), Morocco (Souss - Massa - Draâ), Mauritania (Adrar, Assaba, Hodh ech Chargui, Tagant), Mali (Gao, Timbuktu), Namibia (Erongo), Niger (Agadez), Sudan (Al Qadarif, North Darfur, Red Sea), Somalia (Awdal, Mudug, Nugaal), South Africa (Northern Cape, Western Cape)

More details:

Very strong winds are very likely over south-eastern Ethiopia and Somalia.

Moderate to strong winds of 15 to 35 knots are very likely over Somalia, eastern Kenya, south-eastern Ethiopia, north-eastern Algeria, western Morocco, Tunisia, northern Niger, northern Mali, northern Libya, central Tanzania, southern DRC, central to northern Mozambique, north-western Namibia, southern Angola, west to northern Botswana, southern Zambia, central to northern Malawi, Zimbabwe, north-eastern Madagascar and central South Africa.

The differences between areas likely to experience wind storms and forecast impact alert levels are due to variabilities in the exposed population to the hazard as well as levels of vulnerability and coping capacities of the areas at risk



River Floods:

Level 4: Nigeria (Borno), Sudan (Al Jazirah), Chad (Chari-Baguirmi, Hadjer-Lamis)

Level 3: Cameroon (Extrême-Nord, Nord), Sudan (Kassala, White Nile), Chad (Mayo-Kebbi Est, Tandjilé, Ville de N'Djamena)

Level 2: Burkina Faso (Centre-Est, Centre-Sud, Plateau-Central), Cameroon (Littoral), Eritrea (Gash Barka), Ethiopia (Benshangul-Gumaz, Oromia), Mali (Koulikoro), Mauritania (Gorgol), Niger (Dosso, Maradi, Niamey, Tahoua, Tillabéry), Nigeria (Adamawa, Gombe, Jigawa, Kebbi, Sokoto, Taraba, Yobe), Sudan (Al Qadarif, Khartoum), South Sudan (North Bahr-al-Ghazal, Unity, Upper Nile, Warap), Chad (Mandoul, Mayo-Kebbi Ouest, Moyen-Chari, Salamat)

Level 1: Benin (Atakora), Burkina Faso (Boucle du Mouhoun, Centre-Nord, Est, Nord, Sahel), Cameroon (Adamaoua, Centre, Est), Ethiopia (Gambela Peoples, Tigray), Ghana (Northern, Upper East), Guinea (Boké, Kindia), Mali (Mopti, Sikasso, Ségou), Niger (Zinder), Nigeria (Plateau, Zamfara), Sudan (River Nile, Sennar), Senegal (Matam), South Sudan (West Bahr-al-Ghazal), Chad (Lac, Logone Occidental, Logone Oriental), Togo (Savanes), Uganda (Kitgum)

More details: Extreme riverine flood is forecasted over eastern region of Sudan with exposed population of about 18,000 people at risk. Similarly, extreme riverine flooding is forecast near the cross-border area of Chad and Nigeria with at least 100,000 people at risk of riverine floods. The riverine flood situation in Sudan is expected to start decreasing in two days time, while in Nigeria and Chad, the flood will reach its peak on 23rd and 24th August respectively. Furthermore, alert level 3 warning for riverine flooding is also forecasted for southwestern Chad, northeastern Cameroon and eastern regions of Sudan.

3. ADVISORIES

Level 4 Advisory:

1. Due to high chances of heavy rainfall and riverine flooding that is forecast to affect **Guinea, Mauritania, Nigeria, Sudan and Chad**, the countries at risk are advised to:
 - (i) engage with their National Hydrometeorological and National Disaster Risk Management Authorities to monitor the multi-hazard forecast, and
 - (ii) undertake preparedness measures to prevent and minimize potential losses and damages to potentially vulnerable communities.
2. The National Disaster Management Authorities are also advised to alert communities of high chances of heavy rainfall and potential flash floods, and provide tailored products for various clusters for anticipatory actions and preparedness to the areas at risk.
3. The Regional Economic Communities are advised to monitor the potential flood situation in the countries likely to experience heavy rainfall and provide technical assistance if needed.
4. The member states at risk are requested to share information on the state of the hazards with the AMHEWAS Situation Room at mhewsituationroom@africa-union.org to enable AMHEWAS to inform African Union organs on the evolving situation.
5. The countries in alert level 4 warning (**Guinea, Mauritania, Nigeria, Sudan and Chad**) are required to attend a coordination and anticipatory action meeting with the African Union Commission at 14:00 pm East African Time on Wednesday, 24 August 2022. The AUC will send the meeting link to the countries at risk (**Guinea, Mauritania, Nigeria, Sudan and Chad**) through a separate email in due course.

Level 3 Advisory:

Hydrometeorological and National Disaster Risk Management Authorities in Burkina Faso, Côte d'Ivoire, Ethiopia, Guinea, Mali, Niger, Senegal, Sudan, Sierra Leone, South Sudan, Chad, Togo and Nigeria, are advised to monitor the rainfall situation and water flow in the rivers over the next five days due to medium possibilities of heavy rainfall and riverine flooding.

Level 2 Advisory:

Hydrometeorological and National Disaster Risk Management Authorities of The Gambia, Benin, Burkina Faso, Côte d'Ivoire, Cameroon, Democratic Republic of the Congo, Eritrea, Ethiopia, Ghana, Guinea, Guinea-Bissau, Mauritania, Mali, Niger, Senegal, Nigeria, Sudan, South Sudan, Chad, Uganda, South Africa, Morocco and Somalia, are advised to continue monitoring the rainfall evolutions that are expected to cause sporadic flash floods as well as wind storms and heavy rainfall.

4. SOURCES

<https://floodlist.com/africa/cameroon-floods-august-2022>

<https://www.dw.com/en/climate-related-drought-and-flooding-in-ethiopia/a-62823577>

<https://www.globalfloods.eu/technical-information/glofas-30day/>

<http://www.acmad.net/new/NEWSITEACMAD/>

<https://www.ecmwf.int/en/forecasts/eccharts>

<http://www.meteo.fr>

<https://www.cpc.ncep.noaa.gov>

<https://www.metoffice.gov.uk/premium/vcpafrica/#/map>

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Ministero degli Affari Esteri
e della Cooperazione Internazionale



AGENZIA ITALIANA
PER LA COOPERAZIONE
ALLO SVILUPPO



UNDRR
UN Office for Disaster Risk Reduction



Africa Multi-hazard Early Warning and Action System