

Continental Watch

From Tuesday, September 13, 2022 to Saturday, September 17, 2022

1.HIGHLIGHTS

Observed events over the last five days:

(From Thursday, September 8, 2022 to Monday, September 12, 2022)

At least 3 people have lost their lives and 4 are missing, while around 40 people were hospitalised including 23 with hypothermia and 4 with broken limbs in Free state after the mining dam collapsed on 11 September 2022 due to flooding in Jagersfontein and Charlesville of South Africa.

Multi - Hazard Outlook for the next 5 days :

Level 3 warning: Possible extreme rainfall over The Gambia, Cameroon, Democratic Republic of the Congo (DRC), Mali, Niger, Sudan, Senegal, Nigeria and Chad.

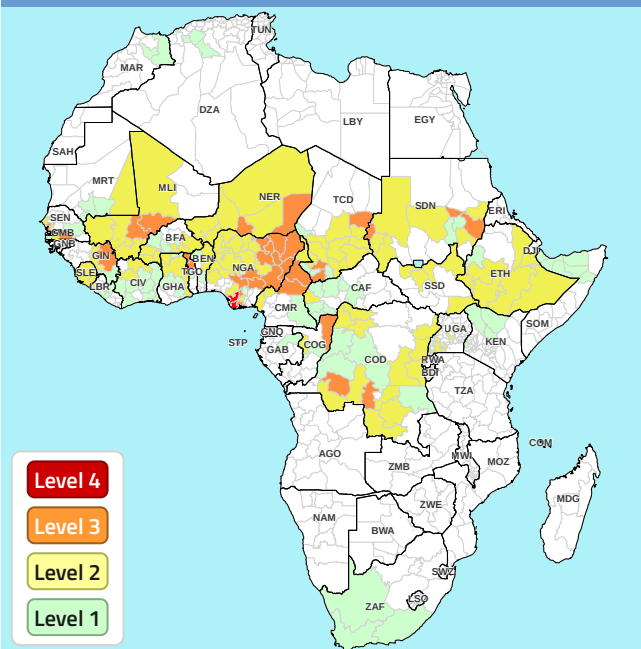
Level 4 warning : Possible riverine floods over Nigeria.

Level 3 warning: Possible riverine floods over Nigeria, Niger, Chad, Mali, Togo, Guinea and Congo.

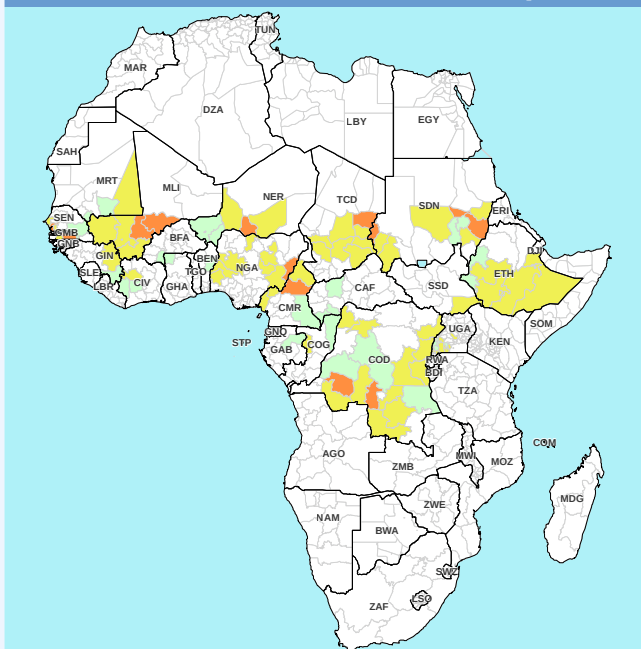
2. DETAILED MULTI-HAZARD OUTLOOK FOR THE NEXT 5 DAYS

From September 13, 2022 to September 17, 2022

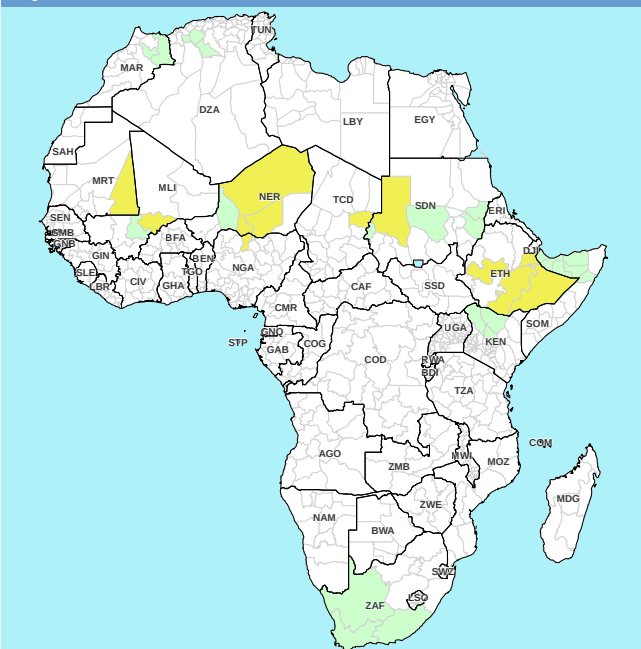
Multi-Hazard assessment



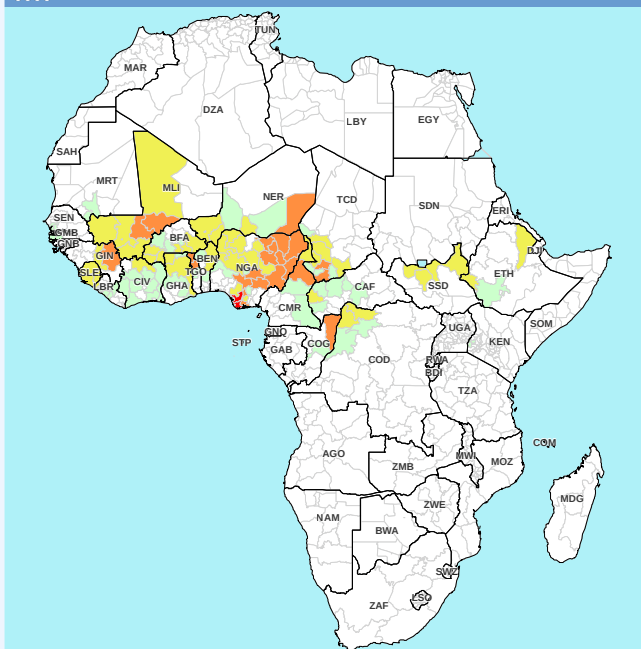
Extreme Precipitation



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 3: Gambia (Banjul, Western), Cameroon (Adamaoua), Democratic Republic of the Congo (Kasaï-Central, Kwilu), Mali (Mopti, Ségou), Niger (Maradi), Sudan (Al Qadarif, Khartoum, West Darfur), Senegal (Fatick, Kolda), Nigeria (Adamawa), Chad (Wadi Fira)

Level 2: Côte d'Ivoire (Woroba), Cameroon (Nord, Nord-Ouest, Sud-Ouest), Democratic Republic of the Congo (Haut-Lomami, Ituri, Kasaï, Kwango, Lomami, Lualaba, Maniema, Mongala, Nord-Kivu, Sud-Kivu, Sud-Ubangi), Republic of Congo (Cuvette-Ouest), Ethiopia (Oromia, Somali, Southern Nations, Nationalities and Peoples), Guinea (Kankan), Gambia (Maccarthy Island), Mali (Kayes, Koulikoro, Sikasso), Mauritania (Hodh ech Chargui), Niger (Tahoua, Zinder), Nigeria (Bauchi, Katsina, Kwara, Niger, Oyo, Plateau, Taraba), Sudan (Central Darfur, Kassala, North Kurdufan, Sennar, South Darfur), Senegal (Kaolack, Sédhiou, Thiès), South Sudan (Eastern Equatoria), Chad (Batha, Chari-Baguirmi, Guéra, Hadjer-Lamis, Ouaddaï, Salamat, Sila), Uganda (Kanungu, Kyenjojo, Luwero, Masaka, Mbarara, Ntungamo, Rakai, Rukungiri)

Level 1: Benin (Borgou), Burkina Faso (Sud-Ouest), Central African Republic (Lobaye, Ouham, Sangha-Mbaéré), Côte d'Ivoire (Montagnes, Sassandra-Marahoué), Cameroon (Est), Democratic Republic of the Congo (Mai-Ndombe, Sankuru, Tanganyika, Tshuapa), Republic of Congo (Likouala), Ethiopia (Benshangul-Gumaz, Gambela Peoples), Gabon (Ogooué-Ivindo), Ghana (Upper West), Gambia (Lower River, Upper River), Guinea (Nzérékoré), Mauritania (Guidimaka, Hodh el Gharbi), Niger (Dosso, Tillabéry), Uganda (Bushenyi, Kabarole, Kamwenge, Kasese, Sembabule), Sudan (Al Jazirah, White Nile), Senegal (Tambacounda)

More details:

Possibility of heavy rainfall between 100mm and 150mm is very likely over southern Senegal, Guinea, Guinea Bissau, southern Mali, southern Burkina Faso, Sierra Leone, western Liberia, northwest Cote d'Ivoire, northern Ghana, Benin, Togo, central to southern Nigeria, central to northern Cameroon, southern Chad, western Central African Republic, north-western Ethiopia, south-eastern Sudan, eastern DRC and western Rwanda.

Possibility of moderate precipitation in the range of 50mm to 100mm is very likely over central to south Senegal, the Gambia, southern Mali, Burkina Faso, southern Niger, eastern Liberia, Cote d'Ivoire, southern Ghana, southern Togo, southern Benin,

northern Nigeria, southern Cameroon, Equatorial Guinea, Gabon, Congo, central to northern DRC, Central African Republic, southern Chad, south-western South Sudan, south-western Sudan, western Uganda, north-western Tanzania, north-western Ethiopia, western Eritrea, Rwanda, Burundi and 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: Ethiopia (Dire Dawa, Oromia, Somali), Mauritania (Hodh ech Chargui), Mali (Mopti), Niger (Agadez, Maradi, Zinder), Nigeria (Katsina), Sudan (North Darfur), Chad (Wadi Fira)

Level 1: Algeria (Laghouat, Saïda, Tiaret), Kenya (Marsabit, Samburu, Turkana), Morocco (Fès - Boulemane, Oriental), Mali (Ségou), Niger (Tahoua), Somalia (Awdal, Nugaal, Sanaag, Sool, Togdheer, Woqooyi Galbeed), Sudan (Al Qadarif, Kassala, North Kurdufan, West Darfur), South Africa (Eastern Cape, Northern Cape, Western Cape)

More details:

Very strong winds are very likely over eastern Somalia, central Morocco, northern Mauritania, western Algeria, southern Namibia as well as south-western and east-coastal South Africa .

Moderate to strong winds of 15 to 35 knots are very likely over northern Morocco, northern and southern Algeria, northern Niger, southern Libya, northern Chad, southern Egypt, northern Sudan, eastern Ethiopia, western Namibia, Somalia, northern Mauritania, northern Mali, eastern Kenya, southern Namibia, south-western South Africa, northern Madagascar, and southern Tunisia.

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 (Bayelsa, Delta)

Level 3: Cameroon (Nord), Republic of Congo (Likouala), Guinea (Kankan), Mali (Mopti, Ségou), Nigeria (Adamawa, Anambra, Bauchi, Benue, Borno, Gombe, Jigawa, Kogi, Nassarawa, Rivers, Taraba, Yobe), Niger (Diffa), Chad (Logone Oriental, Tandjilé), Togo (Kara, Savanes)

Level 2: Benin (Alibori, Borgou), Burkina Faso (Cascades, Centre-Est, Centre-Sud, Est, Haut-Bassins, Sud-Ouest), Central African Republic (Nana-Mambéré), Côte d'Ivoire (Savanes), Cameroon (Extrême-Nord), Democratic Republic of the Congo (Nord-Ubangi, Sud-Ubangi), Ethiopia (Afar, Gambela Peoples), Ghana (Northern, Upper West, Volta), Guinea (Faranah), Liberia (Grand Cape Mount), Mali (Bamako, Kayes, Koulikoro, Sikasso, Timbuktu), Niger (Dosso, Maradi, Tillabéry), Nigeria (Edo, Imo, Kaduna, Kano, Kebbi, Niger, Plateau, Sokoto, Zamfara), Sierra Leone (Eastern, Northern, Southern), South Sudan (North Bahr-al-Ghazal, Unity, Upper Nile, Warap), Chad (Chari-Baguirmi, Hadjer-Lamis, Mayo-Kebbi Est, Moyen-Chari)

Level 1: Benin (Atakora, Collines), Burkina Faso (Boucle du Mouhoun, Centre-Ouest, Plateau-Central), Central African Republic (Mambéré-Kadéï, Nana-Grébizi, Ouaka, Ouham, Ouham-Pendé), Côte d'Ivoire (Bas-Sassandra, Comoé, Lacs, Lagunes, Montagnes, Sassandra-Marahoué, Vallée du Bandama, Woroba, Zanzan), Cameroon (Adamaoua, Est), Democratic Republic of the Congo (Mongala, Équateur), Republic of Congo (Cuvette), Ethiopia (Southern Nations, Nationalities and Peoples), Ghana (Brong Ahafo, Eastern, Greater Accra, Upper East), Kenya (Busia, Kakamega, Siaya), Liberia (Bomi, GrandBassa, Montserrado, Nimba, River Cess), Mauritania (Assaba, Guidimaka), Niger (Tahoua, Zinder), Senegal (Fatick, Kaolack, Sédhiou, Ziguinchor), Nigeria (Enugu, Federal Capital Territory, Kwara), Chad (Lac, Logone Occidental, Mandoul, Mayo-Kebbi Ouest), Togo (Centre)

More details: Alert level 4 warning (extreme) is issued over Delta and Bayelsa states in Nigeria. At least 2,424,100 people in Delta and 1,672,500 people in Bayelsa states of Nigeria are at risk of being affected by riverine floods.

3. ADVISORIES

Level 4 Advisory:

1. Due to high chances of riverine flooding that is forecast to affect Nigeria, the country at risk is advised to:
 - (i) engage with the National Hydrometeorological and National Disaster Risk Management Authorities to monitor the riverine flood risk, and
 - (ii) undertake preparedness measures to prevent and minimize potential losses and damages to potentially vulnerable communities.
2. The National Disaster Management Authority is also advised to alert communities at risk of high chances of heavy rainfall and potential flash floods and provide tailored products for various clusters for anticipatory actions and preparedness.
3. The Regional Economic Community (ECOWAS) is advised to monitor the potential flood situation over Nigeria due to high likelihood of riverine flooding and provide technical assistance if needed.
4. The member state at risk is 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 AMHEWAS Situation Room will make a follow-up with the member state in alert level 4 warning for further engagements regarding anticipatory actions through a separate email in due course.

Level 3 Advisory:

Hydrometeorological and National Disaster Risk Management Authorities in Gambia, Cameroon, Democratic Republic of the Congo, Mali, Niger, Sudan, Senegal, Nigeria, Chad, Cameroon, Republic of Congo, Guinea and Togo 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 Côte d'Ivoire, Cameroon, Democratic Republic of the Congo, Republic of Congo, Ethiopia, Somalia, Guinea, Gambia, Mali, Mauritania, Niger, Nigeria, Sudan, Senegal, South Sudan, Chad, Uganda, Benin, Burkina Faso, Central African Republic, Cameroon, Ghana, Liberia and Sierra Leone, 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://www.globalfloods.eu/technical-information/glofas-30day/>

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

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

<https://www.meteo.fr>

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

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

Contact us: mhewsituationroom@africa-union.org

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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