

Continental Watch

From Tuesday, September 6, 2022 to Saturday, September 10, 2022

1.HIGHLIGHTS

Multi - Hazard Outlook for the next 5 days :

Level 4 warning for possible extreme rainfall over Mali and Senegal.

Level 3 warning for possible extreme rainfall over Uganda, Benin, Cameroon, Democratic Republic of the Congo (DRC), Guinea-Bissau, Guinea, Liberia, Mauritania, Niger, Nigeria and Sudan.

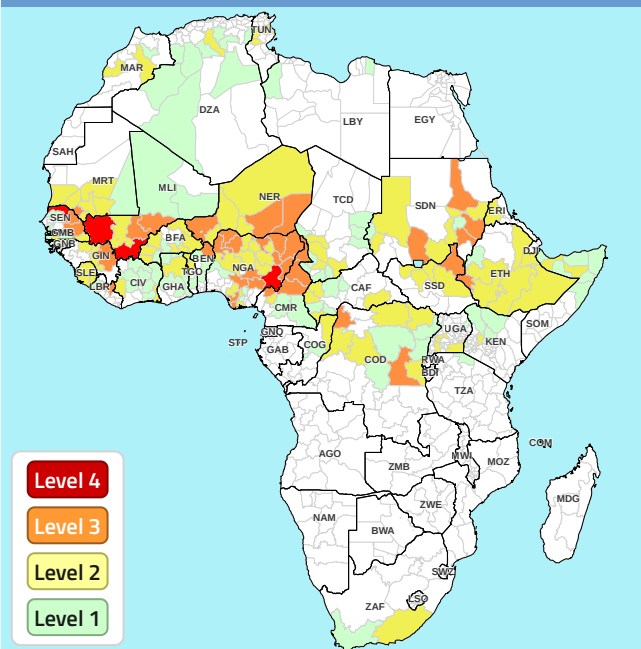
Level 4 warning for possible riverine floods in Nigeria.

Level 3 warning for possible riverine floods in Mali, Niger, Sudan, South Sudan and Ethiopia.

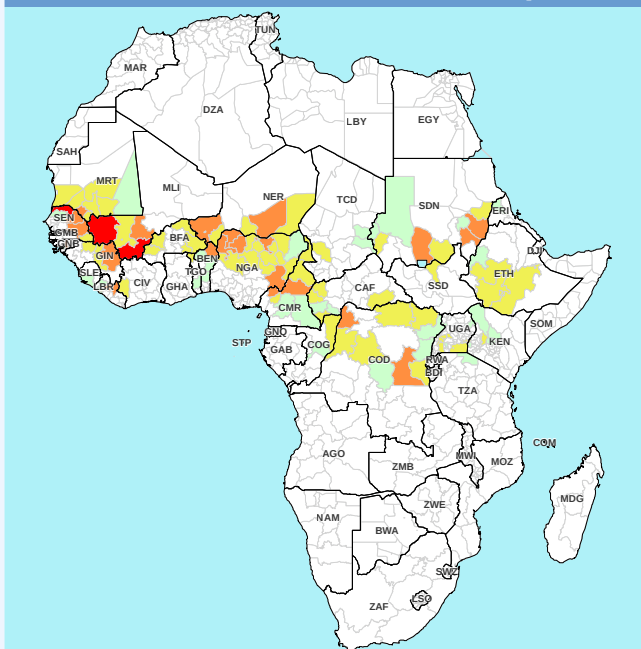
2. DETAILED MULTI-HAZARD OUTLOOK FOR THE NEXT 5 DAYS

From September 6, 2022 to September 10, 2022

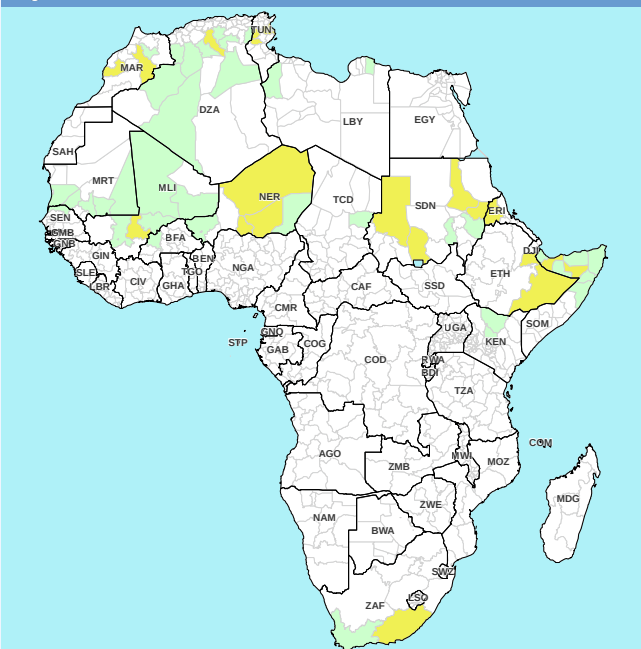
Multi-Hazard assessment



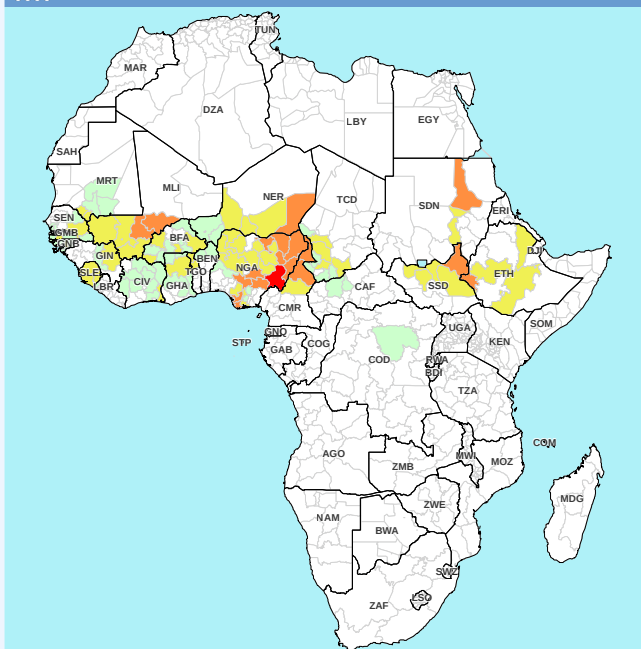
Extreme Precipitation



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: Mali (Kayes, Sikasso), Senegal (Saint-Louis)

Level 3: Uganda (Busia), Benin (Alibori), Cameroon (Adamaoua, Nord-Ouest), Democratic Republic of the Congo (Maniema, Sud-Ubangi), Guinea-Bissau (Bafatá), Guinea (Kankan), Liberia (Bong, Nimba), Mali (Ségou), Mauritania (Gorgol), Niger (Niamey, Tillabéry, Zinder), Nigeria (Jigawa, Kebbi, Sokoto, Taraba, Zamfara), Sudan (Al Qadarif, Sennar, West Kurdufan), Senegal (Matam, Tambacounda)

Level 2: Burkina Faso (Boucle du Mouhoun, Centre-Est, Est, Haut-Bassins, Sahel), Central African Republic (Mbomou, Nana-Mambéré, Ouham-Pendé, Sangha-Mbaéré), Côte d'Ivoire (Montagnes), Cameroon (Extrême-Nord, Nord, Ouest), Democratic Republic of the Congo (Bas-Uélé, Haut-Uélé, Sud-Kivu, Tshuapa, Équateur), Republic of Congo (Likouala), Ethiopia (Oromia, Southern Nations, Nationalities and Peoples), Guinea (Faranah, Labé), Kenya (Baringo, Busia), Liberia (Montserrado), Mauritania (Assaba, Brakna, Guidimaka, Hodh el Gharbi, Tagant, Trarza), Mali (Koulikoro), Niger (Diffa, Dosso, Maradi), Nigeria (Adamawa, Bauchi, Gombe, Kaduna, Kano, Katsina, Niger, Plateau, Yobe), Sudan (Central Darfur, Kassala, South Kurdufan), Senegal (Kédougou), South Sudan (Unity), Chad (Chari-Baguirmi), Togo (Savanes), Uganda (Bugiri, Kamwenge, Kibale, Kiboga, Kyenjojo, Lake Victoria, Mayuge, Mbarara)

Level 1: Benin (Atakora, Borgou, Collines), Central African Republic (Lobaye, Mambéré-Kadéï), Cameroon (Centre, Est), Democratic Republic of the Congo (Ituri, Nord-Kivu, Sankuru), Republic of Congo (Cuvette), Eritrea (Semenawi Keyih Bahri), Ethiopia (Benshangul-Gumaz), Guinea-Bissau (Quinara), Kenya (Laikipia, Samburu, Siaya, Turkana), Liberia (Bomi, Gbapolu, Margibi), Mauritania (Hodh ech Chargui), Nigeria (Borno), Sudan (Al Jazirah, North Darfur, West Darfur), Senegal (Louga), Sierra Leone (Southern), Chad (Ouaddai, Sila), Togo (Plateaux), Tanzania (Mara), Uganda (Moroto, Nebbi, Sembabule)

More details:

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

Possibility of moderate precipitation in the range of 50mm to 100mm is very likely over south to central Senegal, Gambia, western Guinea, southern Mauritania, central Mali, northern Burkina Faso, southern Niger, eastern Liberia, central Cote d'Ivoire, central Ghana, southern Togo, southern Benin, southern Nigeria, southern Cameroon, north-eastern Gabon, northern Congo, northern DRC, Central African Republic, southern Chad, southern South Sudan, southern Sudan, northern Uganda, western Kenya, northern Tanzania, western Ethiopia, southern South Africa 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: Algeria (Djelfa), Eritrea (Gash Barka, Semenawi Keyih Bahri), Ethiopia (Somali), Morocco (Marrakech - Tensift - Al Haouz, Meknès - Tafilalet), Mali (Ségou), Niger (Agadez, Maradi, Zinder), Sudan (Kassala, North Darfur, River Nile, West Kurdufan), Somalia (Sool, Woqooyi Galbeed), Tunisia (Gafsa, Kairouan, Kassérine, Mahdia, Sousse), South Africa (Eastern Cape)

Level 1: Burkina Faso (Boucle du Mouhoun), Algeria (Adrar, Biskra, Béchar, El Bayadh, Laghouat, M'Sila, Naâma, Ouargla, Tébessa), Kenya (Marsabit, Samburu), Libya (Darnah, Nalut), Morocco (Fès - Boulemane), Mauritania (Assaba, Brakna, Hodh ech Chargui, Hodh el Gharbi, Trarza), Mali (Gao, Koulikoro, Mopti, Timbuktu), Niger (Diffa, Tillabéry), Somalia (Awdal, Bari, Mudug, Nugaal, Sanaag, Togdheer), Sudan (Al Qadarif, White Nile), Senegal (Saint-Louis), Chad (Wadi Fira), Tunisia (Monastir), South Africa (Western Cape)

More details:

Very strong winds are very likely over south-west South Africa, southern Lesotho and eastern Somalia.

Moderate to strong winds of 15 to 35 knots are very likely over eastern Somalia, southern Lesotho, southern Eswatini, southern Mozambique, northern and central Algeria, northern Mali, northern Niger, northern Libya, northern Morocco, northern Chad and south-western South Africa, Sahrawi, southern Angola, northern Niger, northern Mauritania, northern Niger, north-western Chad, north-eastern Sudan, eastern Egypt, eastern Kenya, Zambia, Zimbabwe, Botswana, Namibia, western Malawi, south and northern Madagascar, Lesotho, Eswatini and central Tanzania.

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 (Taraba)

Level 3: Cameroon (Extrême-Nord, Nord), Ethiopia (Gambela Peoples), Mali (Mopti, Ségou), Nigeria (Adamawa, Bayelsa, Benue, Borno, Delta, Gombe, Jigawa, Kogi, Nassarawa, Yobe), Niger (Diffa), Sudan (River Nile), South Sudan (Upper Nile), Chad (Ville de N'Djamena)

Level 2: Burkina Faso (Boucle du Mouhoun, Cascades, Centre-Sud, Est), Côte d'Ivoire (Comoé), Cameroon (Adamaoua), Ethiopia (Afar, Oromia), Guinea-Bissau (Bafatá), Ghana (Northern), Guinea (Kankan), Mauritania (Gorgol, Guidimaka), Mali (Bamako, Kayes, Koulikoro, Sikasso), Niger (Maradi, Tahoua, Zinder), Sudan (Khartoum, White Nile), Nigeria (Anambra, Bauchi, Edo, Kaduna, Kano, Kebbi, Niger, Plateau, Rivers, Sokoto, Zamfara), Senegal (Sédhiou, Tambacounda), Sierra Leone (Eastern, Northern, Southern), South Sudan (Jungoli, North Bahr-al-Ghazal, Unity, Warap), Chad (Chari-Baguirmi, Hadjer-Lamis, Moyen-Chari, Tandjilé), Togo (Kara, Savanes)

Level 1: Benin (Alibori, Atakora), Burkina Faso (Centre-Est, Centre-Ouest, Haut-Bassins, Plateau-Central, Sahel, Sud-Ouest), Central African Republic (Nana-Grébizi, Ouham), Côte d'Ivoire (Lacs, Lagunes, Montagnes, Sassandra-Marahoué, Savanes, Vallée du Bandama, Woroba, Zanzan), Democratic Republic of the Congo (Tshopo), Ghana (Brong Ahafo, Eastern, Upper East, Upper West, Volta), Guinea (Faranah), Gambia (Upper River), Guinea-Bissau (Cacheu, Gabú, Oio, Quinara, Tombali), Liberia (Grand Cape Mount), Mauritania (Assaba, Hodh el Gharbi, Tagant), Niger (Dosso, Tillabéry), Nigeria (Enugu, Imo, Kwara), Senegal (Fatick, Kaolack, Kolda, Kédougou, Matam, Ziguinchor), Chad (Lac, Logone Oriental, Mandoul, Mayo-Kebbi Est, Mayo-Kebbi Ouest)

More details: Flood Warning Level 4 (Extreme) is forecasted over Taraba State in north-eastern Nigeria with 194,500 people and 1,664 hectares of agricultural land at risk of being impacted by riverine floods.

3. ADVISORIES

Level 4 Advisory:

1. Due to high chances of heavy rainfall and riverine flooding that is forecasted to affect **Nigeria, Mali and Senegal**, the countries at risk are advised to:
 - (i) engage with their National Hydrometeorological and Disaster Risk Management Authorities to monitor the multi-hazard flood risk, 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 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 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 AMHEWAS Situation Room will make a follow-up with member states in alert level 4 warning for further engagements regarding anticipatory actions through a separate email in due course.

Level 3 Advisory:

National Hydrometeorological and Disaster Risk Management Authorities in Uganda, Benin, Cameroon, Democratic Republic of the Congo, Guinea-Bissau, Guinea, Liberia, Mauritania, Niger, Nigeria, Sudan, Senegal, Ethiopia, Mali, South Sudan and Chad 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:

National Hydrometeorological and Disaster Risk Management Authorities of Burkina Faso, Central African Republic, Côte d'Ivoire, Cameroon, Democratic Republic of the Congo, Republic of Congo, Ethiopia, Guinea, Kenya, Liberia, Mauritania, Mali, Niger, Nigeria, Sudan, Senegal, South Sudan, Chad, Togo, Uganda, Algeria, Eritrea, Somalia, Tunisia, South Africa, Guinea-Bissau, Ghana, Guinea, and Sierra Leone, are advised to continue monitoring the rainfall evolutions that are expected to cause sporadic flash floods and heavy rainfall.

4. SOURCES

<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