

HEALTH WATCH

YEAR 2023, EW 15

"Information for action"



Ministry of Public Health
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➤ **HUMAN HEALTH**

- international alerts
- National alerts

➤ **ANIMAL HEALTH**

- International alerts
- National alerts

➤ **ENVIRONEMENTAL HEALTH**

➤ **OTHER EVENTS**

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HUMAN HEALTH

INTERNATIONAL ALERTS

Internationals Alerts: Highlights

- **MVD in Equatorial Guinea (WHO):** 06 new cases confirmed in laboratory, total confirmed cases 15, 11 deaths among the confirmed cases, 23 probable cases ;
- **MVD in Equatorial Guinea (MoH):** 9 confirm cases, 10 deaths, 604 followed contacts, total contacts notified 1144 ;
- **MVD in Tanzania :** 02 health workers among the 08 confirmed cases, 01 health worker among the 05 deaths; 212 contacts registered;
- **Meningitis in Niger:** 831 cc, 41 deaths;
- **COVID 19 in Africa :** 05 countries with the highest number of new cases since 01 month: south Africa 6790, Mauritius 1421, Ethiopia 541, Zambia 280, Ghana 246;
- **Measles in Ethiopia:** 3529 cumulative cases, 0deaths;
- **Mpox in Africa:** 1487 cumulative cases, 19 deaths, Nigeria and Liberia with new cases in the past weeks.



International alerts: mapping of some epidemics in Africa

Niger
 Measles: 423cc, 0dt
 Meningitis: 911 cc, 30dt
 RVF: 1cc, 1dt
 CVDPV2: 31cc, 0dt

Nigeria
 Lassa-fever : 827cc, 144 dt
 Meningitis : 628cc, 52 dt
 Mpox : 829cc, 09dt
 Diphtheria: 1064cc, 62dt

Ghinée
 Lassa-fever : 1cc, 1dt

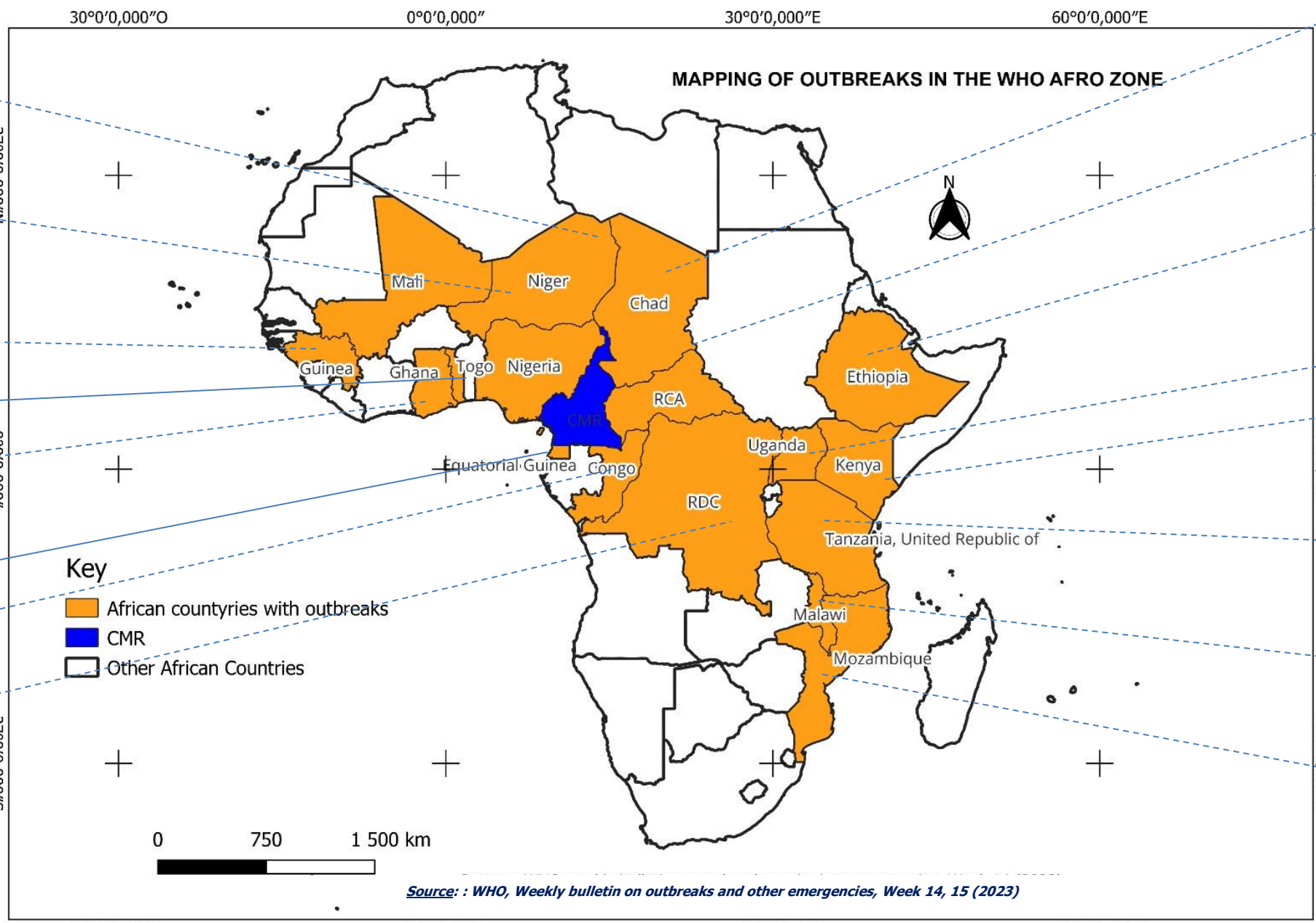
Togo
 Meningitis: 141 cc, 12dt: cVDPV2: 19cc, 0dt

Ghana
 cVDPV2: 34cc, 0dt
 Lassa: 27cc, 1dt

Equatorial Guinée
 MVD: 14 confirmed cases, 10dt

Congo
 cVDPV1: 1cc, 0dt
 Mpox: 5cc, 0dt

RDC
 Cholera: 7243cc, 47dt
 Measles: 51167cc, 649dt
 cVDPV1: 140cc, 0dt
 cVDPV2 :352 cc, 0 dt
 Mpox 439 cc, 0 dt
 Meningitis: 515cc, 86dt



Tchad
 Yellow fever: 2753cc, 7dt
 cVDP2 :164 cc, 0 dt
 Measles: 1973cc, 2dt

CAR
 Yellow Fever: 767 cc, 4 dt
 cVDP2 :30 cc, 0 dt
 Mpox: 29cc, 1dt

Ethiopia
 Measles: 3529cc, 0dt
 cVDPV2: 64cc, 0dt
 Cholera:2370, 51dt

Uganda
 Yellow fever: 1053 cc, 0dt
 CCHF: 8cc, 3dt
 RVF: 20cc, 4dt

Kenya
 Cholera: 7570 cc, 121dt
 Measles: 99cc, 3dt

Tanzania
 MVD: 8cc, 5dt
 Cholera: 72cc, 3dt
 Measles: 3811cc, 11dt

Malawi
 WPV1: 1 cc, 0dt
 Cholera: 56633cc, 1719dt

Mozambique
 WPV1: 22cc, 0dt
 cVDPV2: 6cc, 0dt
 Mpox: 1cc, 0dt
 Cholera: 17810cc, 85dt

Source: WHO, Weekly bulletin on outbreaks and other emergencies, Week 14, 15 (2023)

NATIONAL ALERTS

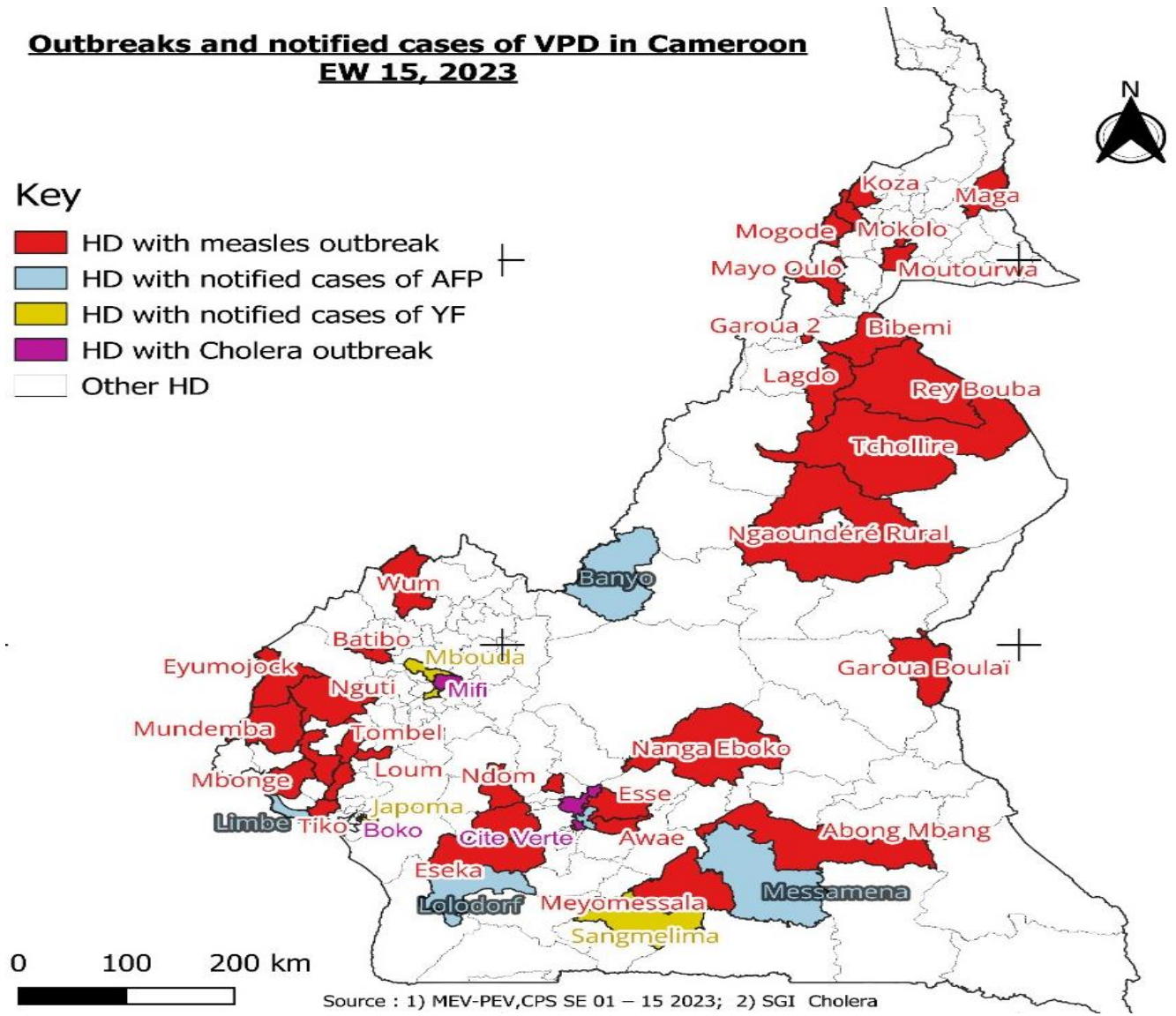
NATIONAL ALERTS

MAPPING OF HD WITH OUTBREAKS IN CAMEROON AT EW 15

**Outbreaks and notified cases of VPD in Cameroon
EW 15, 2023**

Key

- HD with measles outbreak
- HD with notified cases of AFP
- HD with notified cases of YF
- HD with Cholera outbreak
- Other HD



Source : 1) MEV-PEV, CPS SE 01 – 15 2023; 2) SGI Cholera

Total confirmed cases and deaths: EW 01 - 15 2023

VPD	Cas			death		CFR
	Suspects	confirmed	Notified EW15	New	Total	
Yellow Fever	348	01	06	-	-	-
Measles	1762	1467	21	-	-	-
Acute flaccid paralysis	214	00	07	-	-	-
Neonatal Tetanus	31	06	06	0	04	66,7
Cholera	15 402	1815	35	1	312	2,9

Measles

- **85** with outbreaks in EW 15
- **38** HD entered outbreak in 2023 ;
- **1467** confirmed cases EW 1-15 2023 (**AD**: Dang, Ngaoundéré rural ; **CE**: Awaé, Cité Verte, **Ebebda**, Eseka, Esse, Nanga Eboko; Ngog Mapubi, **Est**: Abong-Mbang; Garoua Boulai; **EN** : Koza, Maga, Maroua 1, Mokolo, Moutourwa; Mozogo; **LT**: Loum, Mbanga, Ndom; **ND**: Bibemi, Garoua2, Lagdo, Mayo-Oulo, Rey-Bouba, Tchollire ; **NO**: Batibo, Wum; **Sud**: Meyomessala; **SO**: Kumba, Kumba North, Mundemba, Nguti, Tiko; Mbonge; Tombel; Eyumodjock ;
- **21 notified** cases during EW 15

Yellow fever

- **EW 15, 06 notified cases**
- **6 cas undetermined in 2023** : **LT**: HD Boko, Japoma Loum; **OU**: HD Bamendjou, Mbouda; **SUD**: HD Sangmelima **awaiting seroneutralisation**
- **01 confirmed case by seroneutralisation (SO : DS Tiko)**

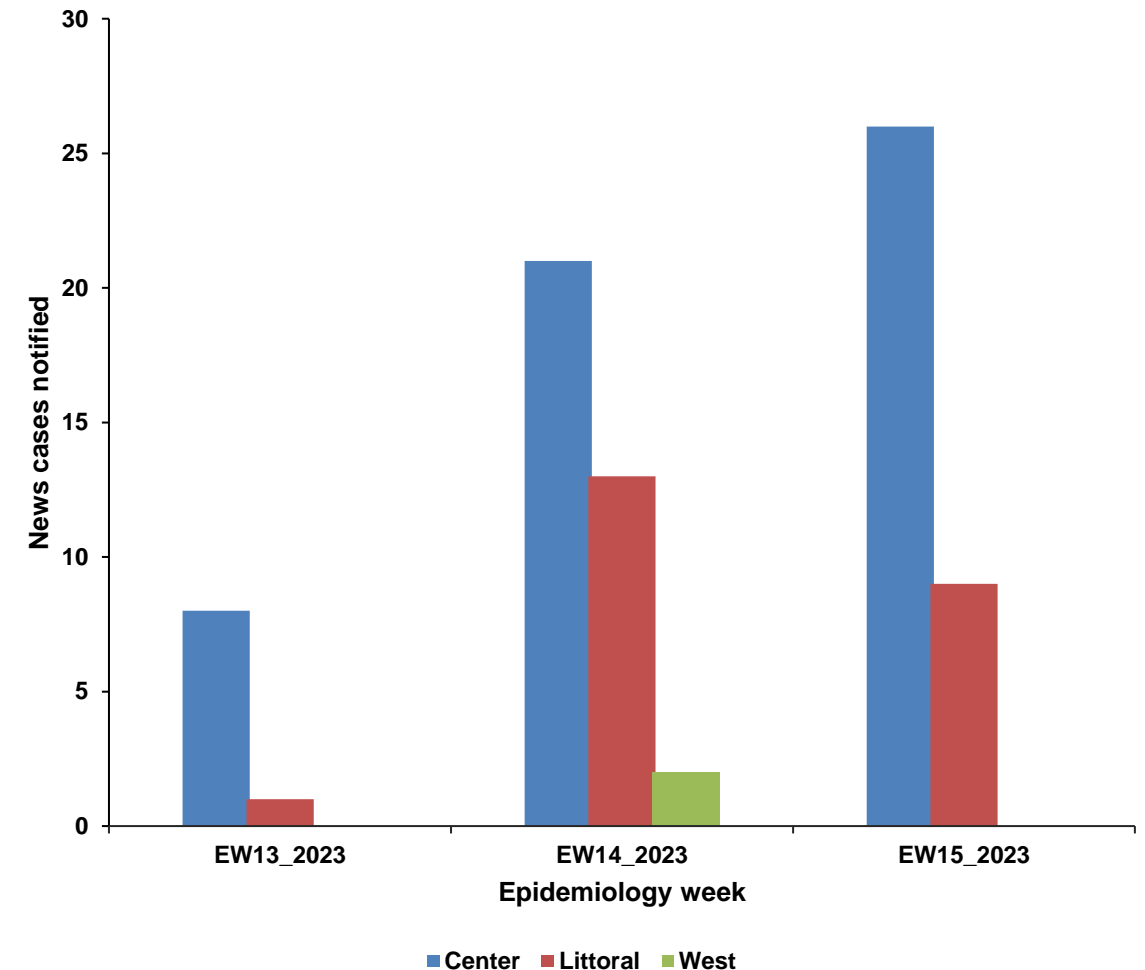
AFP

- 06 notified cases during EW15, 00 confirmed case
- 05 cases of AFP with unknown VPO in 2023
- 10 Cases of de AFP with zéro dose VPO in 2023

KEY data

- **03** actives régions: **Center, Littoral and West**
- **07** active health districts
- **37** news cases: **center(26), Littoral(09), West(02)**
- **15402** cases notified
- **1815** confirmed cases by culture
- **313** deaths recorded

DISTRIBUTION OF NEW CHOLERA CASES IN AFFECTED AREAS FROM EW 13 TO EW 15



- There are 06 active HD in 03 regions (CE, LT and WEST);
- Water borne disease wich has increased with rains of 60-100mm accompanied by flooding along the coast (NW, South, SW and LT regions) and 40-60mm in the CE, West regions;
- High population density in the cities of Douala and Yaounde which may increase the spread of the disease.
- WASH: The effectiveness of these interventions varies across the national territory

Probability: 4

- 35 confirmed cases in the course of the week with 01 death;
- CFR is 2.9;
- Contamination by direct contact with infected individuals;
- Through water, contaminated food and latrines;
- Causes severe dehydration and eventual death

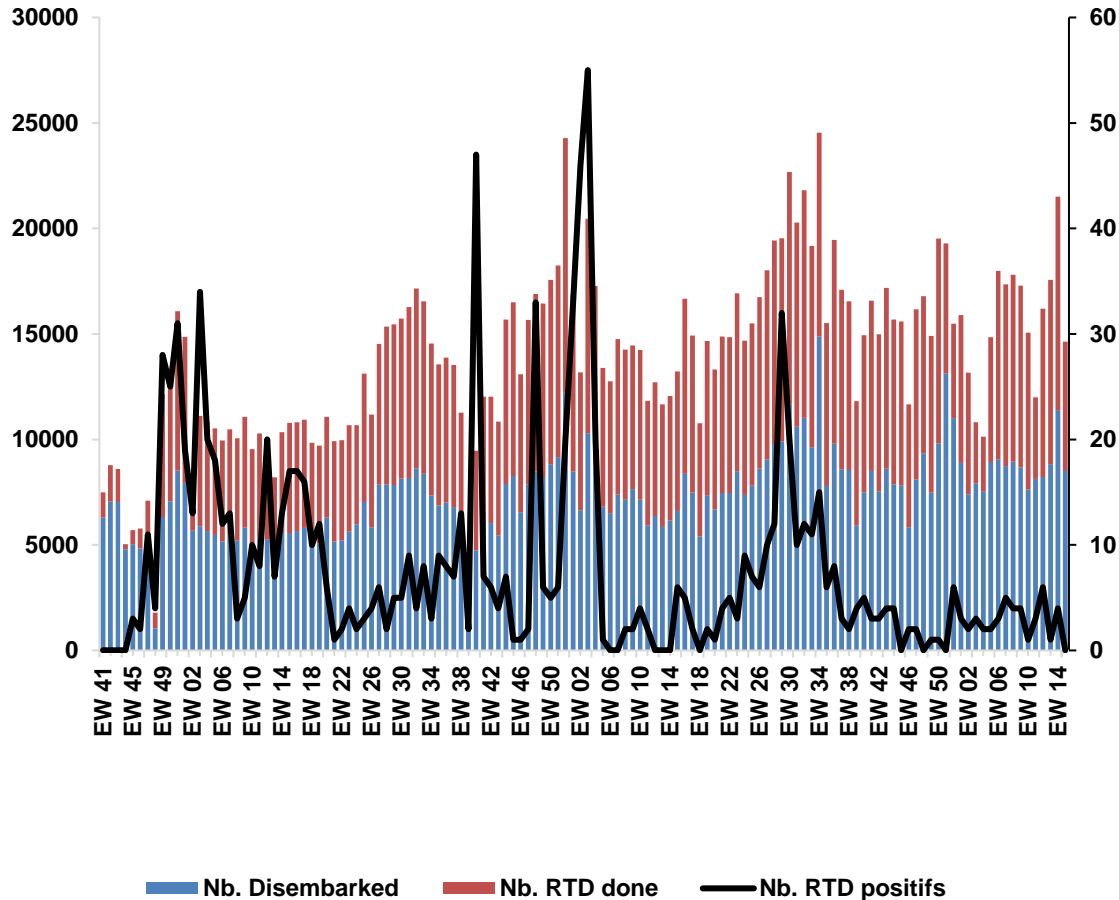
Gravity: 3

Probabilité	4	Risque modéré	Risque important	Risque critique	Risque critique
	3	Risque limité	Risque modéré	Risque important	Risque critique
	2	Risque limité	Risque modéré	Risque modéré	Risque important
	1	Risque limité	Risque limité	Risque limité	Risque modéré
		1	2	3	4
Gravité					

**risk of spread :
Critical risk**

BORDER HEALTH POSTS

AIRPORTS

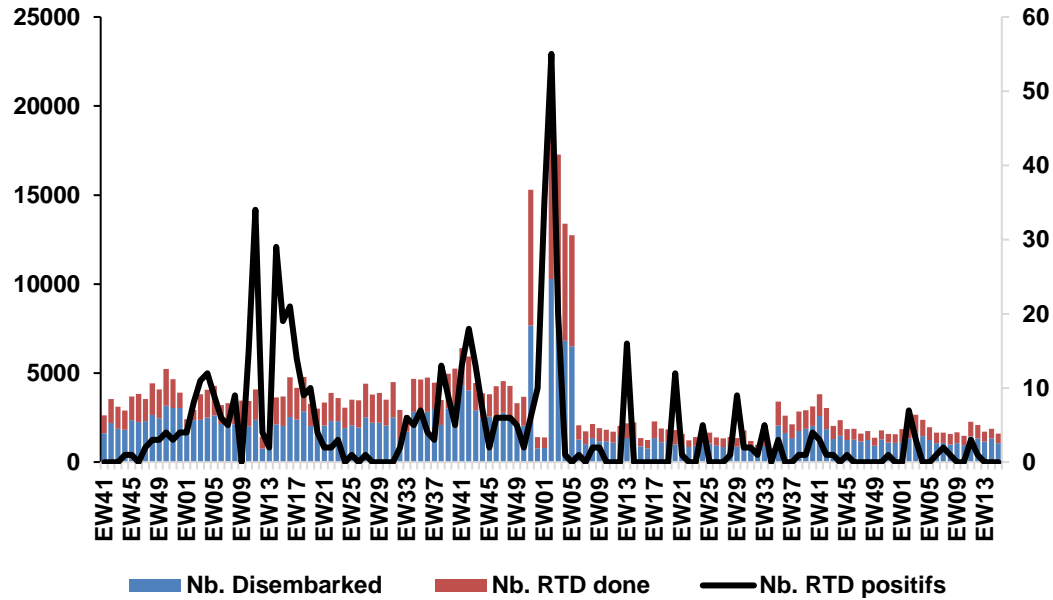


Statistical data from the BHP

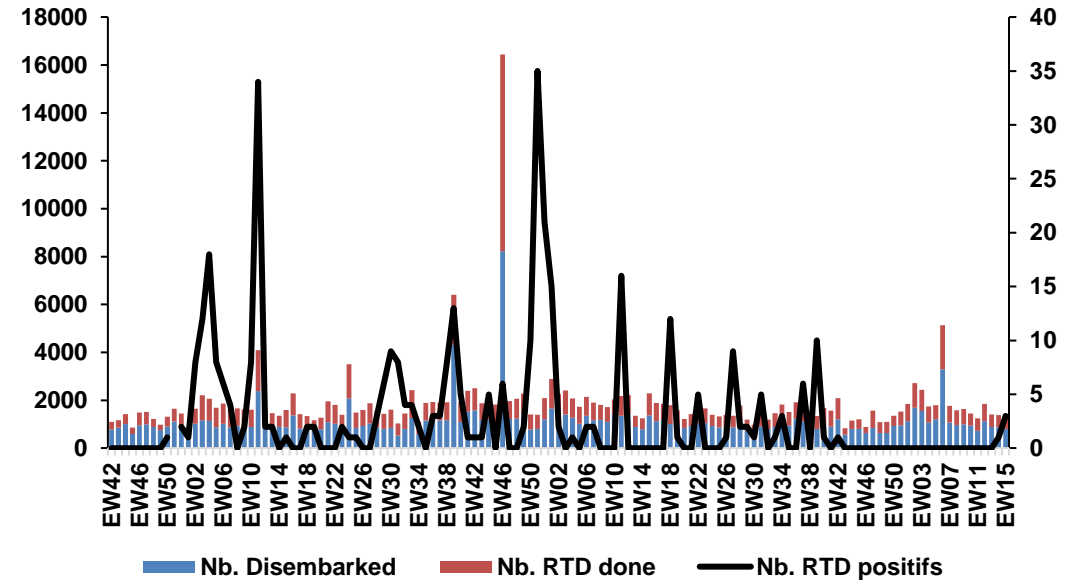
At Epidemiological weeks 15, 10372 passengers passed through the Border Health Post, 7165 tests were performed and 03 covid-19 positive cases notified. Against 9801 arrived, 9493 tested during the same period in 2022.

- 8500 landed and 6132 tested at BHP compared to 6617 landed and 6604 tested during the same period in 2022
- No passengers tested positive for BHP at EW 15 compared to 06 during the same period in 2022
- Intensify vaccine control and vaccine control as well as epidemiological surveillance of other diseases

LAND



SEA/RIVER



- 1062 landed and 547 tested at BHP compared to 889 landed and 471 tested during the same period in 2022
- No passengers tested positive for BHP at EW 15
- Intensify testing and vaccine control as well as epidemiological surveillance of other diseases

- 810 landed and 486 tested at BHP compared to 1864 landed and 933 tested during the same period in 2022
- 03 passengers tested positive for BHP at EW 15
- Intensify vaccine control

Maladie	Type of PSF		
	land	Maritime	Air
VHF	1314	979	11190
Cholera	1314	979	11190
Measles	1314	979	11190
Yellow fever	1314	979	11190
Polio	1314	979	11190
Mpox	1314	979	11190
Test COVID-19 (RDT)	549	519	8733
Others	1314	979	11190
AFP	1314	979	11190
MVD	1314	979	11190

- Completeness of reports is low, with no more than 33 reports per day out of more than 70 expected.
- 04 flights from Malabo with 211 passengers were the subject of special attention at the DIA in view of the epidemiological context (Marburg Disease). No suspected cases recorded.
- 00 suspected of all diseases under surveillance at entry point notified .
- Insufficient ICP and necessity to ameliorate WASH measures.

Source : Health watch NPHO at PoEs, EW13, 2023

ANIMAL HEALTH

INTERNATIONAL ALERTS

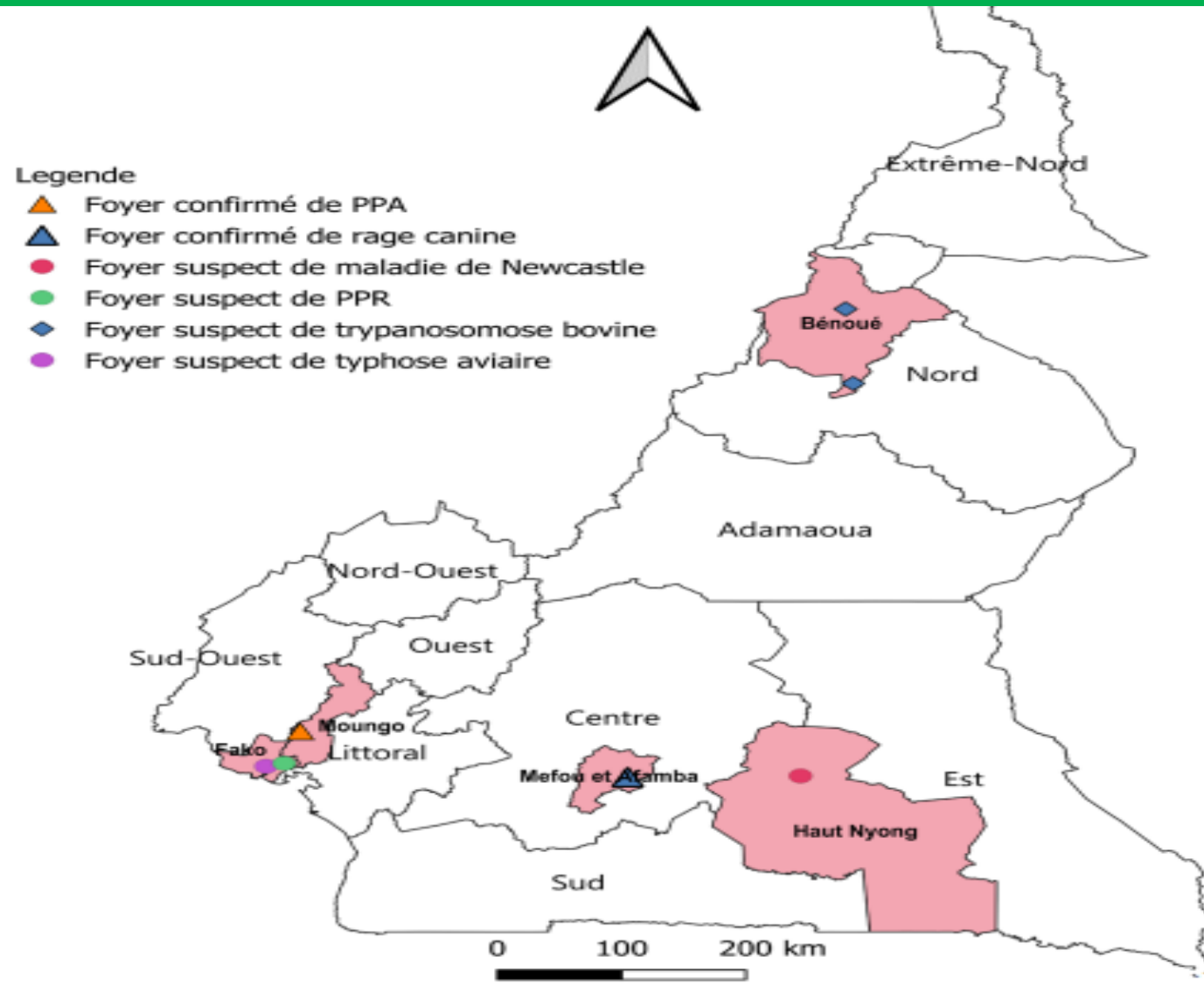
DISEASES	COUNTRY	Date of notification	VECTORS	HOST	INCIDENCE
Foot and mouth virus in middle east and west eurasia	20 countries	31/03/2023	SAT-2	Cattle	170 millions animals at risk
Influenza Aviaire HP in Europe	Bulgaria, Chili, sweden and Gambia	03-04-05-08/04/2023	IAHP H5N1	domestic and wild Birds	6300 cases, 489 deaths
Episodic Hemorrhagic disease	Italy	03/03/2023	EHDV	Animals	1 new site notified (03-03/2023) total number of sites 19
African swine fever (Inf. with)	Italy with a high progression to west	31/03/2023		Domestic and wild Swines	6535 sites notified in 20 european countries

NATIONAL ALERTS

NATIONAL ALERTS

DISEASES	ZONE	Date of notification	VECTORS	HOST	INCIDENCE
Rabic	CZV Mfou, Mefou Afamba, center region, Cameroon	20/03/2023	Rabic Virus	Canine	1case
Bovine trypanosomia	Northern Cameroon, Benoue (CZV Pitoa, Gouna)	22-24/03/2023	bacteria	Bovine	2 sites with 25 animals no death
New castle disease	CZV Abong Mbang, East, region Cameroon	18/03/2023	-	Avian	1sites with 7 animals and deaths
PPR	CZV de Misellele, Fako, South west region Cameroon	31/03/2023	-	caprine	1 sites with 9 animals, 1 death
Avian typhosis	CVZ de Mutenguene, Fako, SO	31/03/2023	bacteria	Avian	1 site, 20 animals, 17 deaths
African swine fever	CVZ de Mbanga, Moungo, Littoral	12/03/2023	-	porcine	1 site with 87 animal an 67 deaths

MAPPING OF ANIMAL AND ZONOTIC DISEASES NOTIFIED IN CAMEROON SINCE EW 14



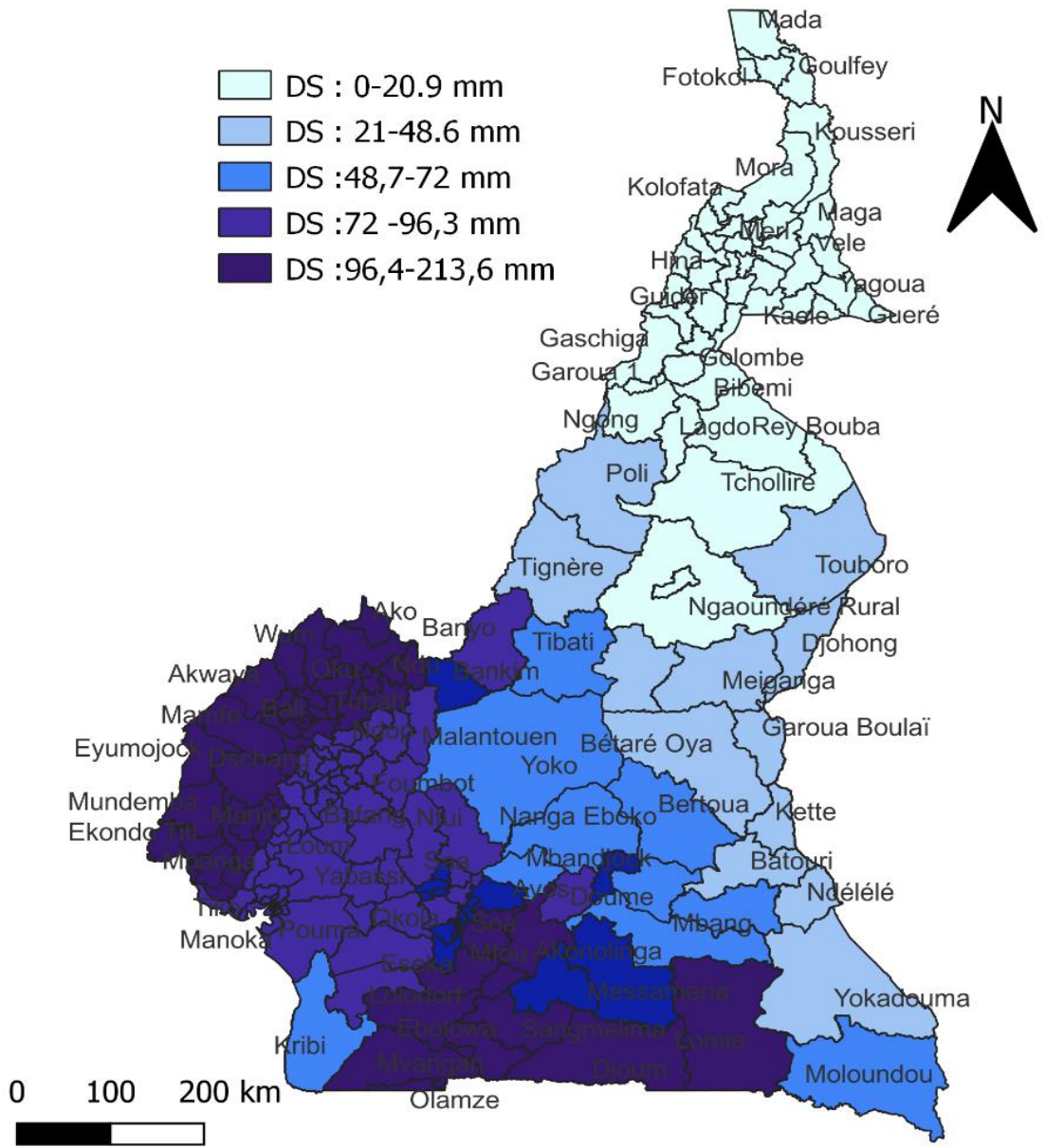
ENVIRONNEMENTAL HEALTH

CLIMATE ALERT : MAPPING OF PRECIPITATION TREND

Precipitation trends on the national territory and associated health risks :

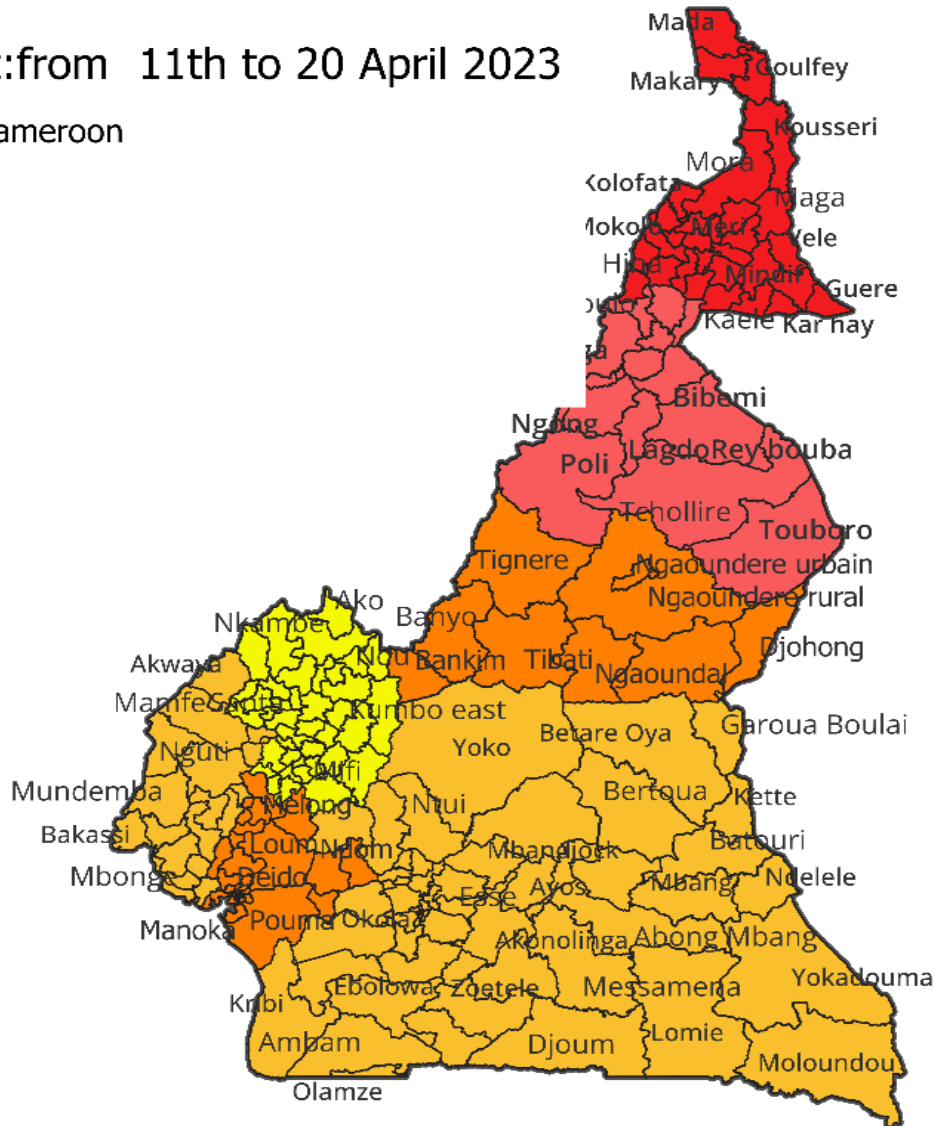
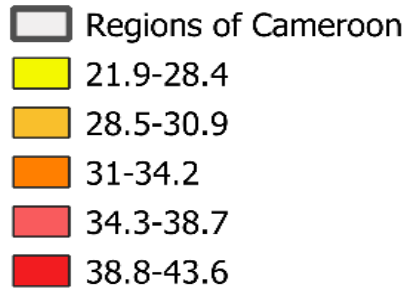
from April 11 to 20, 2023, the precipitation trend shows :

- An increase in rains in the South-West regions , as well as in the North-West .
- Rainfall is higher in the high Lands and forest areas with rainfall around 213mm in the regions South West and North West .
- ❖ As health risk , we have the floods , the cholera epidemic and other waterborne diseases .
- The northern and far north regions, face a scarcity of rain 0-20.9 mm .
- ❖ The risk is dehydration of and displacement of vulnerable populations .



Source : ONACC April 2023

Tmax Forcast:from 11th to 20 April 2023



Temperature Alert :

From April 11 to 20, 2023, will be marked by :

High temperatures in the Far North region, and a slight increase in temperatures in the North and Adamawa regions. Temperatures of up to 43.6

HEALTH RISKS

- ❖ Risk of heat-related illnesses (heat stroke, asthma cramps)
- ❖ Risk of climatic migration of the population
- ❖ Risk of dehydration
- ❖ Risk of vector-borne diseases (cholera, malaria)
- ❖ Risk of malnutrition
- ❖ Increase the risk of accidents

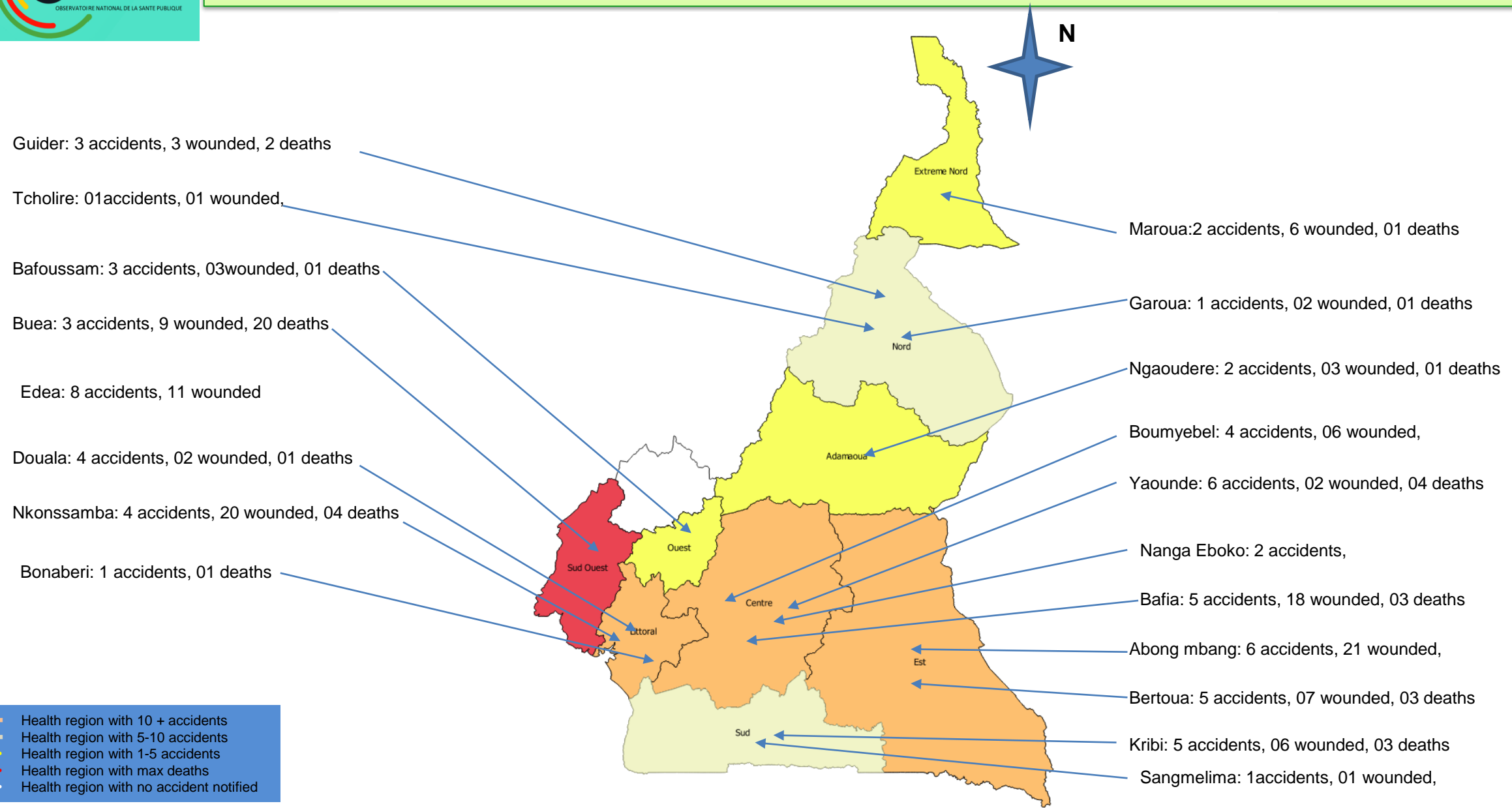
0 50 100 150 200 km



Source: ONACC, April 2023

OTHER EVENTS

MAPPING OF ROAD TRAFFIC ACCIDENTS AND ASSOCIATED WOUNDS AND DEATHS IN CAMEROON (MARCH 20th TO APRIL 2nd 2023)



- Health region with 10 + accidents
- Health region with 5-10 accidents
- Health region with 1-5 accidents
- Health region with max deaths
- Health region with no accident notified

OTHER EVENTS

PHARMACO VIGILANCE

PHARMACO VIGILANCE

Brand : Naturcold



- **Product category:** medication.
- **Product sub-category:** syrup.
- **Reason for recall:** presence of two health risk agents.
- **Risks incurred by the consumer:**
 - Kidney failure in children after consumption
 - death of children after consumption in North west region.
- ❖ **Measures to be taken :**
 - Do not use the product;
 - Destroy available stocks;
 - stop marketing the product.
- **Sanitary advice:** The parents who would have used this product on their child, and who would present unusual symptoms must immediately go to the nearest health facility, consult a doctor by reporting this consumption.

MEDIATIC WATCH

World Chagas Disease Day April 14



The World Chagas Disease Day was celebrated for the first time in 2020.

CHAGAS DISEASE



→ type of REDUVIID BUG
↳ "KISSING BUG"

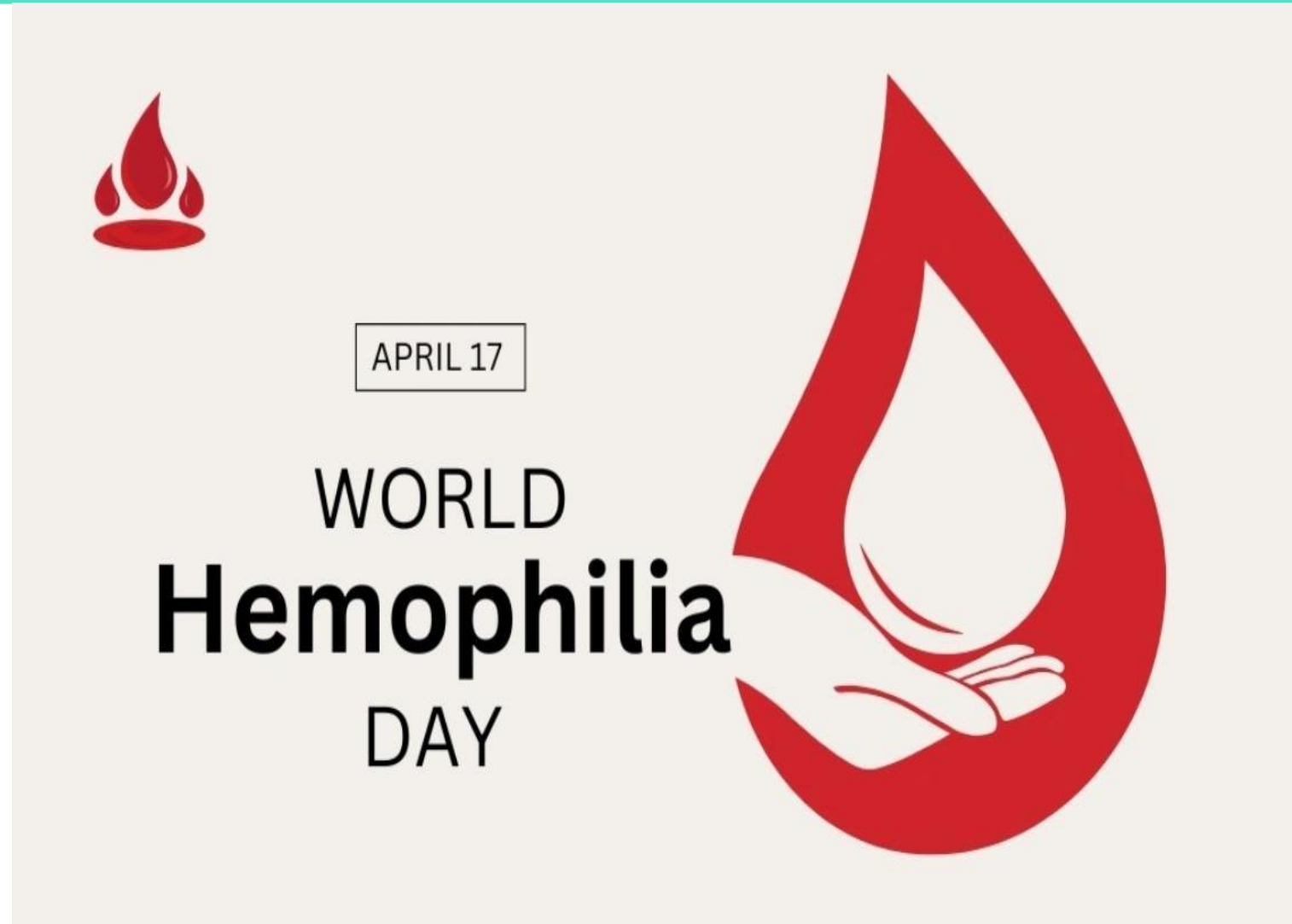


TYPICALLY BITES
PEOPLE on the FACE
as they SLEEP

Chagas disease, also known as "silent or silenced disease", affects mainly poor people without access to health care or people without a political voice. The disease progresses slowly and often shows an asymptomatic clinical course. Without treatment, Chagas disease can lead to severe cardiac and digestive alterations and become fatal. Raising awareness of the disease is essential to improve the rates of early treatment and cure, together with the interruption of its transmission.

THEME: “Access for All: Partnership, Policy, Progress..”

World Hemophilia Day is celebrated every year on April 17th to honor the birth anniversary of Frank Schnabel, who established the World Federation of Hemophilia. The purpose of this day is to raise awareness and provide information about hemophilia and other bleeding disorders. Hemophilia is a rare medical condition where the blood fails to clot correctly due to the lack of specific clotting factors. This leads to prolonged bleeding, which can be hazardous and life-threatening in some situations.



International Day of Human Space Flight 12 April



The General Assembly, in its resolution *A/RES/65/271* of 7 April 2011, declared 12 April as the International Day of Human Space Flight “to celebrate each year at the international level the beginning of the space era for mankind, reaffirming the important contribution of space science and technology in achieving sustainable development goals and increasing the well-being of States and peoples, as well as ensuring the realization of their aspiration to maintain outer space for peaceful purposes.”

12 April 1961 was the date of the first human space flight, carried out by Yuri Gagarin, a Soviet citizen. This historic event opened the way for space exploration for the benefit of all humanity.

Titles	Extraction Date
Gabon/UHC of Libreville, medical specialists at the service of all. Source : www.echosante.info	13-04-2023
Gabon/ People Living with a Disability equipped with movement equipment Source: www.echosante.info	13-04-2023
Wild birds all around the world at risk even as avian flu, with the H5N1 variant rampant in the UK Source: www.bb.com	18-04-2024
Namibia Head of State congratulates WHO on its 75th Anniversary Source : www.who.int/emergencies	18-04-2023
Diphtheria outbreak response-Lagos State causing the of over 62 people Source: www.bbc.com/Africanews	19-04-2023
Cerebrospinal Meningitis- border communities in Jigawa State receive lifesaving vaccines Source: www.bbc.com/Africanews	19-04-2023
Zimbabwe Hosts Workshop on Integrating Non-Communicable Diseases (NCD) and Mental Health Components in HIV Programming for Global Fund Source: www.afro.who.int	19-04-2023
Mothers in Malawi value the first malaria vaccine	19-04-2024

Titles	Extraction Date
<p>Mbouda: The production and marketing of whiskey sachets below 50 milliliters is henceforth prohibited in Cameroon and defaulters expose themselves to legal actions.. Source: www.cameroonnewsagency.com</p>	12-04-2023
<p>North-West: 6 children die after drinking syrup banned(NaturCold) in Fundong Source: www.actucameroun.com</p>	14-04-2023
<p>Yaoundé 2: DO wages war against roadside drug vendors Source: www.cameroonnewsagency.com</p>	15-04-2023
<p>Onchocerciasis: Resurgence of cases in Cameroon Source: www.echsante.info</p>	18-04-203
<p>Biodiversity: nearly 8 billion FCFA to strengthen the protection of three protected areas located at Dja, Campo Ma'an and Faro national parks Source : www.actucameroun.com</p>	18-04-2023
<p>Hemophilia: nearly 2,000 people affected in Cameroon Source: www.mimimeforinfos.com</p>	18-04-2023
<p>Universal health coverage: 95 billion FCFA to finance the pilot phase Source: www.actucameroun.com</p>	18-04-2023
<p>A counterfeit vinegar production and distribution network dismantled in Yaoundé Source: www.actucameroun.com</p>	18-04-2023
<p>Cholera: 1 death and a dozen cases reported in Yaoundé Source: www.actucameroun.com</p>	18-04-2023
<p>Doctors from france offering free facial surgery to cameroonians in Douala beginning from 17April 2023, it will be concerned with the diagnosis and treatment of diseases affecting the mouth, jaws, face and neck. Source: www.cameroonnewsagency.com</p>	19-04-2023

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From surveillance to health watch :

“Information for action”