

REPUBLIQUE DU CAMEROUN  
Paix-Travail-Patrie

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OBSERVATOIRE NATIONAL SUR  
LES CHANGEMENTS CLIMATIQUES

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DIRECTION GENERALE



REPUBLIC OF CAMEROON  
Peace-Work-Fatherland

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NATIONAL OBSERVATORY  
ON CLIMATE CHANGE

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DIRECTORATE GENERAL

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ONACC-NOCC

# Information note for Forecasts and Dekadal Climate Alerts Bulletin **N°165**

For **21<sup>st</sup> to 30<sup>th</sup> September, 2023**

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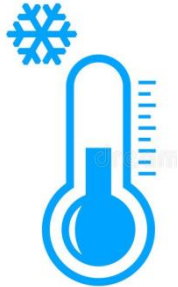
## LEGEND



= Precipitation (mm)



= Maximum Temperatures (Day)



= Minimum Temperatures (Night)



= Alerts/Nota Bene

# FAR NORTH REGION



# NORTH REGION



This period will be marked by a very high risk of recording:

- **Poultry and pig loss** in certain localities of the Far North and North Regions, due to floods;
- **Cases of lodging in orchards in the North region, due to heavy rains, accompanied by violent winds;**
- **Cases of death by drowning due to floods that could be observed in risky areas of certain localities in the Far North and North Regions;**
- **Floods in certain agglomerations in the North (Lagdo, Garoua, Pitoa and Poli) and Far North (Mokolo, Maroua, Mora, Bogo, Kaele, Yagoua, Maga, etc.) regions due to concentrated rains within a very short period of time;**
- **New cases of cholera** in certain large agglomerations in the Far North and North regions, due to the **contamination of water points and food by contaminated run-offs.**

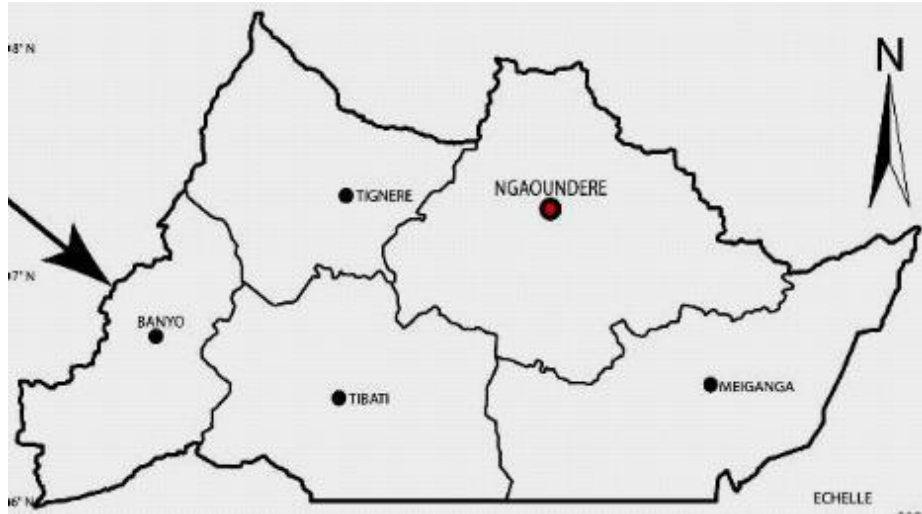


It is recommended that during this period from **21<sup>st</sup> to 30<sup>th</sup> September 2023**, farmers in the **Far North** and **North** regions continue to refer to the Agricultural Calendar for their activities.



This dekad from **21<sup>st</sup> to 30<sup>th</sup> September 2023** will be marked by **Rainfall amounts below those observed during the previous dekad in the North and Far North regions.**

## ADAMAWA REGION



This dekad from 21<sup>st</sup> to 30<sup>th</sup> September 2023 will be marked by **persistent cold nights in the localities of Dota, Tchabal Djalingo, Ngaoundere, Mbe, Banyo et Meiganga, due to minimum temperatures between 13°C and 20°C.**



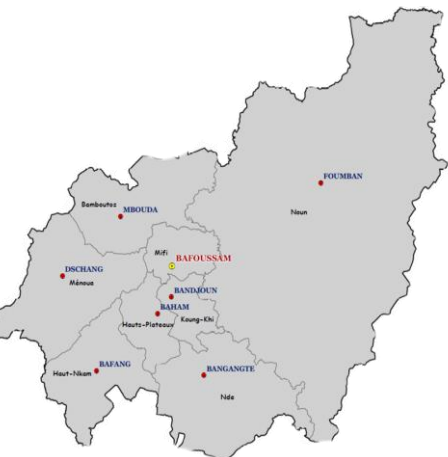
This period from 21<sup>st</sup> to 30<sup>th</sup> September 2023 will be marked by **Rainfall amounts below those observed during the previous dekad in the Adamawa region.**



This period will be marked by a very high risk of recording:

- Cases of **joint pain, due to the night-time cold, in people suffering from osteoarthritis and rheumatism** in the Adamawa region;
- Cases of **floods** in certain agglomerations (**Ngaoundere and Tignere**) in the **Adamawa** region;
- Cases of **degradation and destruction of roofs of dwellings** in many localities in the Adamawa region, due to heavy rains accompanied by strong winds and hailstones;
- Cases of **loss of livestock and even death of herders** in some localities in the southern part of the Adamawa regions, due to **lightning strikes**;
- Cases of **lodging in orchards in the Adamawa region due to heavy rains**, accompanied by violent winds.

# WEST REGION



# NORTH WEST REGION



This period will be marked by a very high risk of recording:

- **Cases of joint pain, due to the night-time cold, in people suffering from osteoarthritis and rheumatism** in the West and North-West Regions;
- **Landslides** that could be observed in certain localities in the **West (Bafoussam, Mbouda, Dschang, Haut-Nkam, etc.) and North-West (Bamenda, Boyo, Bui, Widikum, etc.) Regions;**
  - Cases of **degradation in the quality of tuber** (cassava, cocoyam, taro, etc.) production in many localities in the West and North West regions, due to the saturation of soils with water;
- **Flooding** in certain agglomerations in the North-West (**Bamenda, Babessi, etc.**) and West (**Bafoussam, Santchou, etc.**) Regions, due to the heavy and abundant rains announced;
- **Fog**, especially in the early morning in the West and North-West Regions, with a consequent increase in the number of **road accidents;**
- **Epizootics**, due to the **persistence of cold spells at night** in many localities in the West and North-West Regions during this period;
- **Loss of livestock and even death of herders** in some localities in the North-West Region, due to lightning strikes;
- **Destruction of many public infrastructures (schools, hospitals, etc.)** in many localities, both in rural and urban areas in the **West** and **North-West** Regions, due to heavy rains accompanied by **strong winds, thunderstorms, lightning and hailstones.**



It is recommended that farmers in the **West** and **North West** regions continue to refer to the Agricultural Calendar for the **2023 second cropping season**, for their activities.



This period will be marked by **abundant rainfall amounts** in the **West Region.**



This period will be marked by **abundant rainfall amounts** in the **North West Region.**



**This period will be marked by days with cold nights in many localities in the West (Foumbot, Bazou, Bafoussam, Dschang, Makam et Foumban, etc.) and North West (Nkambe, Esu, Ndop, Nwa, Bamenda, etc.) regions, due to minimum temperatures between 13°C and 20°C.**



# CENTRE REGION



# EAST REGION



This period will be marked by a **continuation of the long rainy season** in the **Centre** and **East** regions.



It is recommended that farmers in the **Centre** and **East** regions continue to refer to the Agricultural Calendar for the **2023 second cropping season**, for their activities.



This period will be marked by a high risk of recording:

- Cases of **floods** in **Yaounde** and **Mbalmayo**;
- **Contamination of water catchment points** by polluted runoff from floods in the **Centre** and **East Regions**;
- **New cases of cholera in certain large agglomerations** in the **Centre** and **East Regions**, due to the **contamination of water points and food by contaminated run-offs**;
- Invasions of **army worms in plantations** in certain localities in the **Centre** (especially in **Yaounde** and other towns around) and **East** Regions;
- Cases of **joint pain**, due to the night-time cold, in people suffering from osteoarthritis and rheumatism in the Centre and East Regions;
- **Degradation and destruction of plantations** (banana plantations, African plum trees, citrus, avocado trees, pawpaw trees) in many localities in the **Centre** and **East** Regions, due to winds;
- Degradation or destruction of crossing structures (bridges, culverts, embankments etc.) on paved and heavily trafficked roads in **Centre** and **East** regions, due to heavy rains predicted for this dekad.

## SOUTH REGION



This period will be marked by a **continuation of the long rainy season** in the **South region**.



It is recommended that farmers in the **South** region continue to refer to the Agricultural Calendar for the **2023 second copping season**, for their activities.



This period will be marked by a very high risk of recording:

- **New cases of cholera in certain large agglomerations in the South region, due to the contamination of water points and food by contaminated run-offs;**
- Cases of **joint pain**, due to the night-time cold, in people suffering from osteoarthritis and rheumatism in the **South Region;**
- Invasions of **army worms in plantations** in certain localities in the South Region;
- **Degradation and destruction of plantations** (banana plantations, African plum trees, citrus, avocado trees, pawpaw trees) in many localities in the **South Region**, due to winds;
- Cases of **floods in Ambam;**
- **Degradation or destruction** of crossing structures (bridges, culverts, embankments etc.) on paved and heavily trafficked roads in **South** regions, due to **heavy rains** predicted for this dekad.

## LITTORAL REGION



## SOUTH WEST REGION



- This dekad will be marked by **abundant rainfall amounts** in the **Littoral** and **South-West** regions.

It is recommended that farmers in the **Littoral** and **South West** regions continue to refer to the Agricultural Calendar for the **2023 second cropping season**, for their activities.



This period will be marked by a very high risk of recording:



- **Contamination of water catchment points** by polluted runoff from floods in the **South-West and Littoral Regions**;
- **New cases of cholera** in certain large agglomerations in the **South-West and Littoral (especially in Boko, Bonassama, Nylon, Logbaba and New Bell) Regions**, due to the **contamination of water points and food** by contaminated run-offs;
- **cases of death due to the collapse of dwellings by heavy rains** in certain localities in the **South-West and Littoral Regions**;
- **cases of death by drowning** due to floods that could be observed in certain localities in the **South-West (Limbe, Buea, Tiko, Mundemba, etc.) and Littoral (Nkongsamba, Douala, Melong, Manjo, etc.) Regions**, or **landslides** that could be observed in certain localities in the **Littoral (Douala, Manjo, Nkongsamba, etc.) and South-West (Wabane, Nguti, etc.) regions**;
- **Cases of Mud flow** in the **South West (Wabane and Buea) region**;
- **Degradation and destruction of plantations** (banana plantations, African plum trees, citrus, avocado trees, pawpaw trees) in many localities in the **South-West and Littoral Regions** due to heavy rains, accompanied by **violent winds and storms**;
- **Landslides** that could be observed in certain localities in the **South West (Fontem, Buea, Limbe, Njungo, Wabane, Nsuke-Tombel, etc.) and Littoral (Nkongsamba, Manjo, Douala/Logbessou, etc.) regions**;
- **Cases of tuber rot** (cassava, cocoyam, etc.) and groundnuts in the **South-West and Littoral Regions**, due to waterlogging in certain localities;
- **Epizootics**, due to the **persistence of cold spells at night** in many localities in the **South-West Region** during this period;
- **Poultry and pigs loss** in certain localities of the **South-West and Littoral Regions**, due to floods;
- **Destruction of many public infrastructures** (schools, hospitals etc.) in many localities, both in rural and urban areas in the **South-West and Littoral Regions**, due to **heavy rains accompanied by strong winds, thunderstorms, lightning and hailstones**;
- **Degradation and destruction of roofs of dwellings** in many localities in the **South-West and Littoral Regions**, due to heavy rains accompanied by strong winds and hail during this dekad;
- **Degradation or destruction of crossing structures** (bridges, culverts, embankments etc.) on paved and heavily trafficked roads in **South-West and Littoral Regions**, due to heavy and abundant rains predicted for this dekad.





## ALERT!!! RISKS OF FLOODS AND LANDSLIDES

Some Hydrometeorological and Geomorphological risks: 21<sup>st</sup> -30<sup>th</sup> september 2023

Risk type	Region	Locality to be likely affected	September	Rainfall	Risk type	Region	Locality to be likely affected	September	Rainfall
 <b>Flooding</b>	Littoral	Douala	22 - 29	90-150mm	 <b>Landslides</b>	Southwest	Limbe	22 - 27(26)	70-240mm
		Melong	23 - 25				Mundemba	22 - 26	
		Manjo	23 - 25				Buea	22 - 26(25)	
		Nkongsamba	24 - 25				Tiko	28 - 30	
	Far North	Maroua	25 - 26	30-95mm		South	Ambam	25-28	70-240mm
		Mora	23 - 26				Kribi	24 - 27	
		Bogo	25 - 26				Ebolowa	24 - 26	
		Kaele	25 - 26				Yaounde	22-27	
		Mokolo	23 - 27				Mbalmayo	26 - 28	
	North	Maga	25 - 26	30-95mm		Centre	Bafoussam	22 - 28	70-240mm
		Yagoua	25 - 26				Haut -Nkam	23 - 28	
		Lagdo	23 - 26				Mbouda	21 - 30	
		Poli	23 - 26				Dschang	21 - 29	
	Adamawa	Ngoundere	22 - 24	30-115mm		West	Bamenda	21 - 28	70-240mm
		Tignere	28 - 29				Boyo	21 - 30	
	West	Bafoussam	24&29-30	70-240mm		Northwest	Bui	21 - 30	70-240mm
		Santchou	23 - 25				Widikum	21 - 28	
	Northwest	Bamenda	23 - 25	70-240mm		Southwest	Fontem	21 - 28	70-240mm
Babessi			23 - 26		Buea		21 - 27		
Littoral		Wabane	21 - 28		90-150mm				
		Limbe	23 - 30						
		Njungo	23 - 27						
		Nsuke-Tombel	22 - 28						

## SOME RECOMMENDATIONS


It is recommended within this period to:

➤ **In the Agriculture sector:**




**During this period from 21<sup>st</sup> to 30<sup>th</sup> September 2023,** It is recommended that farmers **in the Centre, South, West, North West, Littoral, South West and East regions** continue to refer to the Agricultural Calendar for the **2023 second copping season**, for their activities.

➤ **In the health sector, continue to:**

- 
- Raise public awareness on the need to **strictly respect basic rules of hygiene and sanitation** prescribed by the **Minister of Public Health against Cholera**;
  - Avoid the accumulation of household waste in the vicinity of dwellings;
  - **Strengthen community surveillance at the level of health centres for the rapid detection of suspected cases of cholera with a view to their treatment**;
  - **Continue vaccination campaigns against various epidemics and pandemics.**

➤ **In the water and energy sector, to continue:**

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- **Regular sampling, analysis and treatment of drinking water at catchment points and water supply points before distribution to households**;
  - Regular **use of basic techniques (filtering, boiling, etc.) to make drinking water potable** at household level.