

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°192**

For **21<sup>st</sup> to 30<sup>th</sup> June, 2024**

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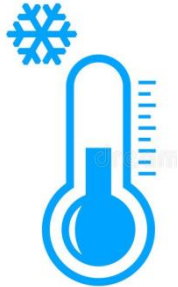
## LEGEND



= Precipitation (mm)



= Maximum Temperatures (Day)



= Minimum Temperatures (Night)



= Alerts/Nota Bene

## FAR NORTH REGION



## NORTH REGION



This period will be marked by a risk of recording:

- **Destruction of electrical power transmission and regulation infrastructure (poles, cables, transformers, etc.)** in the **North** region, the **southern** and **central** parts of the **Far North** region, due to **heavy rainfall**, **accompanied by violent winds and lightning**, as well as **falling trees**;
- **Injury and trauma** due to **lightning strikes** during the rainy periods that characterise the onset of the rainy season in the Sudano-Sahelian zone;
- **Loss of livestock** in some localities in the **Far North** and **North** regions, due to **thermal stress and lack of water**;
- **Respiratory illnesses and conjunctivitis** in the northern part of the **Far North** region, due to the presence of **dust particles in the air**;
- **Loss of livestock in summit shelters** located in the **North** region, the central and southern parts of the **Far North** region, due to **electrical discharges (lightning)** that are a feature of the rains at the onset **of the season in the southern part of the said agro-ecological zone**;



The rains that will be recorded in the southern part of this agro-ecological zone, reflect an effective onset of the rainy season (in the North region, in the central and southern part of the Far North region), which is favourable for planting.

It is strongly recommended that the population in these regions comply with the recommendations of NOCC's Agricultural Calendar for sowing during the 2024 cropping season.



This dekad from 21<sup>st</sup> to 30<sup>th</sup> June 2024 will be marked by an **effective installation of the rainy season in the North region** and the **southern part** of the **Far North region**. There will also be a **gradual onset** of the **rainy season** in the **central part**, as well **sporadic rain** in the **northern part** of the **Far North region (Makary, Blangoua, Kousseri, etc.)**.

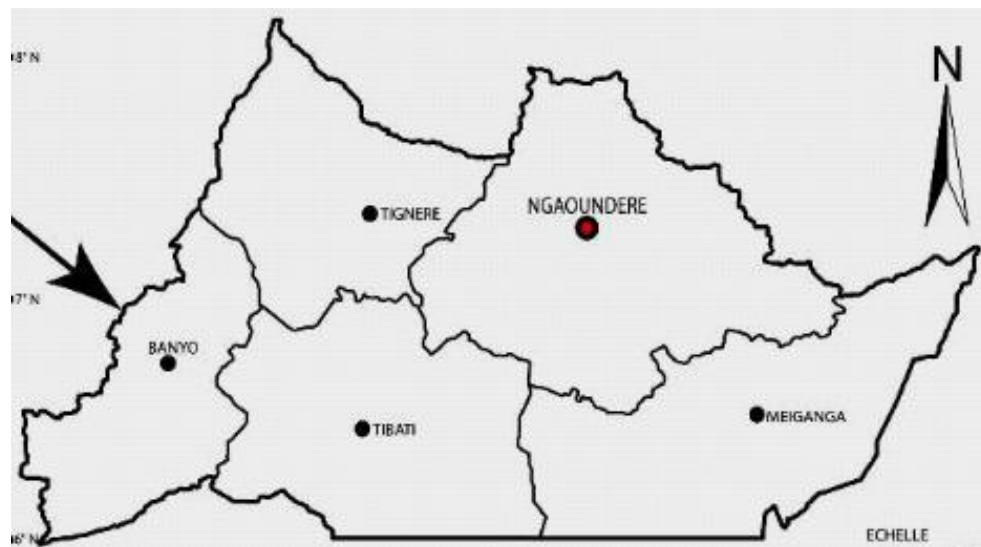


This dekad from 21<sup>st</sup> to 30<sup>th</sup> June 2024 will mostly be marked by **the persistence of a few hot nights** in some localities in the **Far North and North** regions, with **temperatures ranging between 24 and 27°C**.



This period from 21<sup>st</sup> to 30<sup>th</sup> June 2024 will be marked by **heatwaves** in many localities in the **Far North and North** regions, due to temperatures between **33°C and 40°C**.

## ADAMAWA REGION



It is strongly recommended that the population in this region comply with the recommendations of NOCC's Agricultural Calendar for sowing during the 2024 cropping season.



This period from 21<sup>st</sup> to 30<sup>th</sup> June 2024 will be marked by a continuation of the rainy season in the Adamawa region.



This period will be marked by a risk of recording:

- **Floods** in the Adamawa region (Karna Manga, Mbang-Mboum, Nguessek Ngao and Ngaoundjourn), due to rains;
- **degradation and destruction of plantations and fruit trees** by heavy rainfall, accompanied by violent winds and hailstones in the Adamawa region;
- Cases of **injury caused by lightning strikes** in the Adamawa region, due to lightning at the onset of the rainy season in this region;
- **Loss of livestock in mountain shelters** located in Adamawa region, due to electrical discharges (lightning) at the onset of the rainy season in the aforementioned region;
- **Destruction of dwellings and public buildings** in many localities in the Adamawa region, due to heavy rainfall, accompanied by violent winds, lightning and hail;
- **Destruction of electrical power transmission and regulation infrastructure** (poles, cables, transformers, etc.) in the Adamawa region, due to heavy rain, accompanied by violent winds, lightning and falling trees.

## WEST REGION



## NORTH WEST REGION



This period will be marked by a risk of recording:

- **Floods** in the **North West** (Bamenda, Fundong, Ajung, Ako, Nkor, Santa, Batibo and Kumbo) and **West** (Dschang) regions, due to **rains** with high intensity;
- **Extreme heat events** in the **North West** region;
- **Destruction of houses and public infrastructures** in many localities of the **West** and **North-West** regions, due to **rains** with high intensity accompanied with violent winds, storms and hailstones;
- **Fog**, especially in the **early morning** in the **North West** and **West** regions, with a **consequent increase in the number of road accidents**;
- **Destruction of crossing structures** (bridges, culverts) in many places **heavy and abundant rainfall**, accompanied by **violent winds**;
- **Thunderstorms** and **lightning** in the **West** and **North West** regions;
- Cases of **water-borne diarrhoeal** diseases, particularly **cholera**, in the **West** region (Bafoussam);
- **degradation and destruction of plantations** (banana, palm, etc.) and **fruit trees** by **heavy rainfall**, accompanied by **violent winds** and **hailstones** in the **West** and **North-West** regions.



This period will be marked by **a continuation of the rainy season** in the **West** and **North West** Regions.

## CENTRE REGION

## EAST REGION



This period will be marked by a **gradual onset of the short dry season** in the **Centre** and **East** regions.



This period will be marked by **the persistence of a few hot nights** in many localities in the **Centre** and **East** regions **despite the effective installation of the rainy season**, with minimum temperatures ranging between **24 and 27°C**



This period will be marked by a risk of recording:

- **Floods** in the **Centre** region (Yaounde center and Nkolbisson), due to **rains**;
- **Degradation and destruction of plantations** (banana, palm, etc.) and **fruit trees by heavy rainfall**, accompanied by **violent winds** and **hailstones** in the **Centre** and **East** regions;
- **Destruction of houses and public infrastructures** in many localities of the **Centre** and **East** regions, due to **rains** accompanied with **violent wins, storms and hails stones**;
- **Fog, especially in the early morning** in the Centre and East regions, with a **consequent increase in the number of road accidents**;
- **Destruction of crossing structures** (bridges, culverts) in many places due to **abundant rainfall**, accompanied by **violent winds**;
- Cases of **water-borne diarrhoeal** diseases, particularly **cholera**, in the **Centre (Yaounde)** region.



This period will be marked by **a gradual onset of the short dry season** in the **South** region.

## SOUTH REGION



This period will be marked by **the persistence of a few hot nights** in many localities in the **South** region, with **minimum temperatures ranging between 24 and 27°C**.



This period will be marked by a risk of recording:

- **Destruction of houses and public infrastructures** in many localities of the **South** region, due to **rains** with **accompanied with violent winds, storms and hails stones**;
- Cases of **water-borne diarrhoeal** diseases, particularly **cholera**, in the **South** region (Kribi);
- **Destruction of crossing structures** (bridges, culverts) in many places due to **abundant rainfall**, accompanied by **violent winds**;
- **Degradation and destruction of plantations** (banana, palm, rubber, etc.) and **fruit trees** by **heavy rainfall**, accompanied by **violent winds and hailstones in the South** Region;
- **Destruction of dwellings and public buildings** in many localities in the south region, due to **heavy rainfall**, accompanied by **violent winds, lightning and hail**;
- **Fog, especially in the early morning** in the **South** region, with a **consequent increase in the number of road accidents**.

## LITTORAL REGION



## SOUTH WEST REGION



This dekad will be marked by **a continuation of the rainy season** in the **Littoral** and **South-West** regions.



This period will be marked by a risk of recording:

- **Increase in heat islands** in highly urbanized areas (large conurbations: the urban centres of Douala and Limbe, leading to discomfort among vulnerable people (children, the elderly, pregnant women, etc.);
- **Degradation and destruction of plantations** (banana, palm, rubber, etc.) and **fruit trees by heavy rainfall**, accompanied by **violent winds and hailstones** in the **Littoral** and **South West** regions;
- Cases of **water-borne diarrhoeal** diseases, particularly **cholera**, in the **Littoral (Douala)** region;
- **Floods** in many localities in the Littoral (**Douala II, IV and V**) and South West (**Limbe, Bamusso and Buea**) regions, due to **heavy and/or abundant rainfall**, which could be concentrated over a very short period of time compared to normal levels;
- **Fog, especially in the early morning** in the **Littoral** and **South West** regions, with a **consequent increase in the number of road accidents**;
- **Destruction of crossing structures** (bridges, culverts, etc.) in many places due to **heavy and abundant rainfall**, accompanied by **violent winds**;
- **Destruction of houses and public infrastructures** in many localities of the **South West** and **Littoral** regions, due to **rains with high intensity** accompanied with **violent winds, storms and hail stones**.



# Risks Table (period from 21<sup>st</sup> to 30<sup>th</sup> June 2024): National Observatory on Climate Change, Cameroon

## ALERTS !!!

Risk type	Region	Locality to be likely affected	Most probable period of occurrence	Expected situation of key determinant
 <p><b>Flooding</b></p>	Littoral	<i>Douala IV, II&amp;V</i>	24-26	<i>Rainfall(45-200mm)</i>
	Northwest	<i>Bamenda/Fundong/Ajung/Ako</i>	21-25	<i>Rainfall(90-240mm)</i>
		<i>Nkor/Santa/Batibo/Kumbo</i>	23-25	
	Southwest	<i>Limbe/Buea/Bamusso</i>	29-30	<i>Rainfall(90-235mm)</i>
	West	<i>Dschang</i>	21-25	<i>Rainfall(80-235mm)</i>
	Far North	<i>Maga/Gamboura</i>	22-25	<i>Rainfall(15-140mm)</i>
	North	<i>Garoua/Lagdo /Touboro</i>	24-26	<i>Rainfall(30-195mm)</i>
	Adamawa	<i>Karna Manga/ Mbang-Mboum</i>	24-25	<i>Rainfall(40-245mm)</i>
		<i>Nguessek Ngao/ Ngaoundjoum</i>	23-25	
Centre	<i>Yaounde center, Nkolbisson</i>	24-26	<i>Rainfall(20-100mm)</i>	
<b>Thunderstorms and Lightning</b>	West	<i>Mifi, Bamboutos, Menoua, Noun</i>	21-30	<i>High convective uplifts</i>
	Far-North & North	<i>Central &amp; Southern sections</i>		
 <p><b>Violent winds</b></p>	Far-North	<i>Central and southern parts of the region</i>	21-30	<b>Wind speed</b> <i>Reaching 14.1m/s</i>
	North	<i>Across the region</i>		<i>Reaching 10.6m/s</i>
 <p><b>Extreme heat Events</b></p>	Far-North	<i>Isolated cases across the region, with peaks in around the northern fringes of the region &amp; Dardao</i>	21-30	<i>Maximum temperatures reaching 40.2°C</i>
	North	<i>Isolated cases across the regions, with peaks in Sorombeo, Figuil, Garoua, Guirvidig, &amp; Gogoleme</i>	21-30	<i>Maximum temperatures reaching 39.5°C</i>
<b>Water resource related conflicts</b>	North & Far-North	<i>Arable/ pastoral zones, transhumance corridors, and most probable in the Logone et Chari Division.</i>	21-30	<i>Continuity of rainy season at the central and Southern parts of the zone and sporadic rains around the northern limits</i>



## SOME RECOMMENDATIONS

It is recommended within this period from **21<sup>st</sup> to 30<sup>th</sup> June 2024**:



➤ **In the Agriculture sector:**

- **That the rains that will be recorded in the southern part of this agro-ecological zone, reflect an effective onset of the rainy season (in the North region, in the central and southern parts of the Far North region), which is favourable for planting;**
- That farmers in the **Adamawa, South West, Littoral, North West, South, West, Centre and East** regions comply with the recommendations of **NOCC's Agricultural Calendar** for their activities.



➤ **In the health sector:**

- **Raise awareness on the need to scrupulously observe basic rules of hygiene and sanitation**, notably the systematic washing of hands with clean water and soap before meals and after the use of latrines, the washing of food with potable water before any consumption, the treatment of water before drinking it and the proper cooking of food;
- **Regularly put on warm clothes** to protect oneself against the **cold at night**;
- **Wear facemasks** to protect oneself against **dust particles in the air in the Sudano-Sahelian zone**.



➤ **In the water and energy sector:**

- **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.



➤ **In the Urban sector:**

- **Reduce or avoid crossing flooded channels** during rains as there is a **risk of drowning**;
- **Avoid taking shelter under trees, walking near cables and electric poles during thunderstorms**, as there is a risk of **being struck by lightning or being electrocuted**.