

REPUBLIQUE DU CAMEROUN
Paix - Travail - Patrie

MINISTERE DES TRANSPORTS

SECRETARIAT GENERAL

DIRECTION DE LA METEOROLOGIE
NATIONALE

SOUS-DIRECTION DES APPLICATIONS
METEOROLOGIQUES

SERVICE DE LA CLIMATOLOGIE ET DE
LA BANQUE DES DONNEES



REPUBLIC OF CAMEROON
Peace - Work - Fatherland

MINISTRY OF TRANSPORT

SECRETARIAT GENERAL

DEPARTMENT OF NATIONAL
METEOROLOGY

SUB-DEPARTMENT OF METEOROLOGICAL
APPLICATIONS

SERVICE OF CLIMATOLOGY AND
DATA BANK

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I. SYNTHÈSE

During the third dekad of October 2022, high rainfall totals were recorded in Sud, Center, Littoral, East and West regions, particularly in the localities of Kye-ossi(247.2mm) in 10days; Bafia(177.1mm) in 6days; Edéa(133.9mm) in 9days; Bertoua(119.2mm) in 7days; West (101.4mm) in 7days. In the rest of the national territory, the amounts were of low to moderate intensity or no significant.

The rainy season just ended in a slightly early manner in the Far-North and North region (end October) and expectations for the rest of the country are for a generally late end at the Coast (second week of December) Western Highlands (third week of November) and the East (fourth week of November) and Early end in the Adamawa and north part of the Centre (second and third weeks of November).

During the first dekad of November, **heavy rains** are very likely in most of the the South-West, South, and North-West regions along the coast and parts of the East and Center, particularly in the localities of Mamfe, Ebolowa, Ambam, Mundemba, Nkambe, Kribi, Edea, Limbe, Yaoundé, Eseké; With total amounts expected to be greater than 90mm. Also, the rest of the Southern region of the country, in particular the East, Center, Littoral, West and South are likely to receive **moderate to heavy rains** with totals that can be between 50 and 90mm. The rest of the North should be expecting to receive **no significant rain** of not more than 10mm.

The rainy seasons tend towards the end, Far-North and North observed already an early to normal end (End Oct) and the forecast for the other parts of the country shows a generally late end at the Coast (second week of Dec.) Western Highlands (third week of Nov.) and the East (fourth week of Nov.) and Early end in the Adamawa and north of the Centre (second and third weeks of November)

The convective thunderstorm systems and easterly waves giving rise to moderate to heavy precipitation likely to generate significant impacts in low lying areas (flooding), sloping areas (land slides) with heavy consequences in various economic sectors in the southern part of the country; In the **health domain**, illnesses like cough, cold, malaria, cholera and typhoid are imminent. It is therefore recommended to regularly clean the gutters to avoid stagnant water. Wear essentially appropriate clothing to the ambient temperature and respect basic hygienic measures; In **agriculture**, Heavy rain and strong winds could lead to soil erosion and destruction of plants. It is therefore advised to avoid risk prone zones.

II. RAINFALL SITUATION - ONSET AND MONITORING OF RAINFALL

1- RAINFALL SITUATION

The rainfall analysis is based on data collected and transmitted from the observation network Department of National meteorology

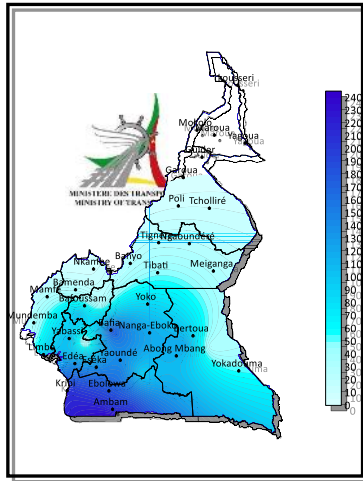


Fig.1: Spatial distribution of cumulative rainfall from 21 to 31 October 2022

According to Figure 1, during the period from October 21st to 31st, 2022, high rainfall totals were recorded in the Sud, du Center, Littoral, East and West regions, particularly in the localities of Kye-ossi(247.2mm) in 10days; Bafia (177.1mm) in 6days; Edéa(133.9mm) in 9days; Bertoua(119.2mm) in 7days; West(101.4mm) in 7days. In the rest of the national territory, the amounts were of low to moderate intensity or no significant.

2- END OF THE RAINS FOR AGRICULTURAL ACTIVITIES

NB: The triangles and circles correspond forecast and observed end categories respectively.

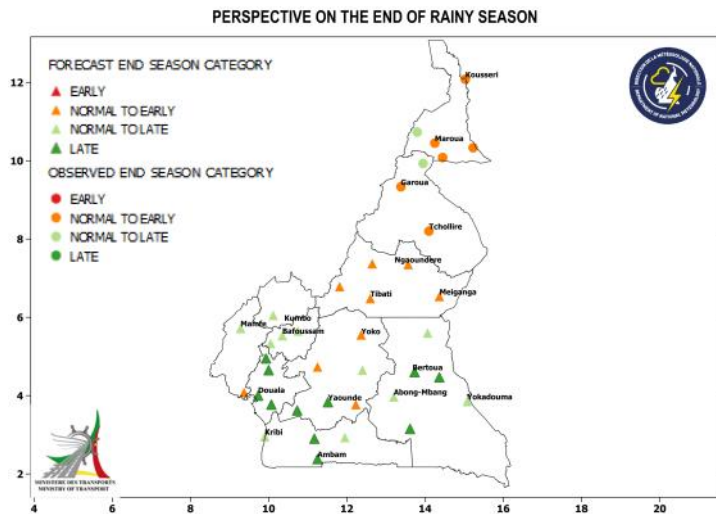


Fig.2: Forecast and monitoring of End of the rains for agricultural

The rainy season just ended in a slightly early manner in the Far-North and North region (end October) and expectations for the rest of the country are for a generally late end at the Coast (second week of December) Western Highlands (third week of November) and the East (fourth week of November) and Early end in the Adamawa and northern part of the Centre (second and third weeks of November).

3- MONITORING AND OUTLOOK

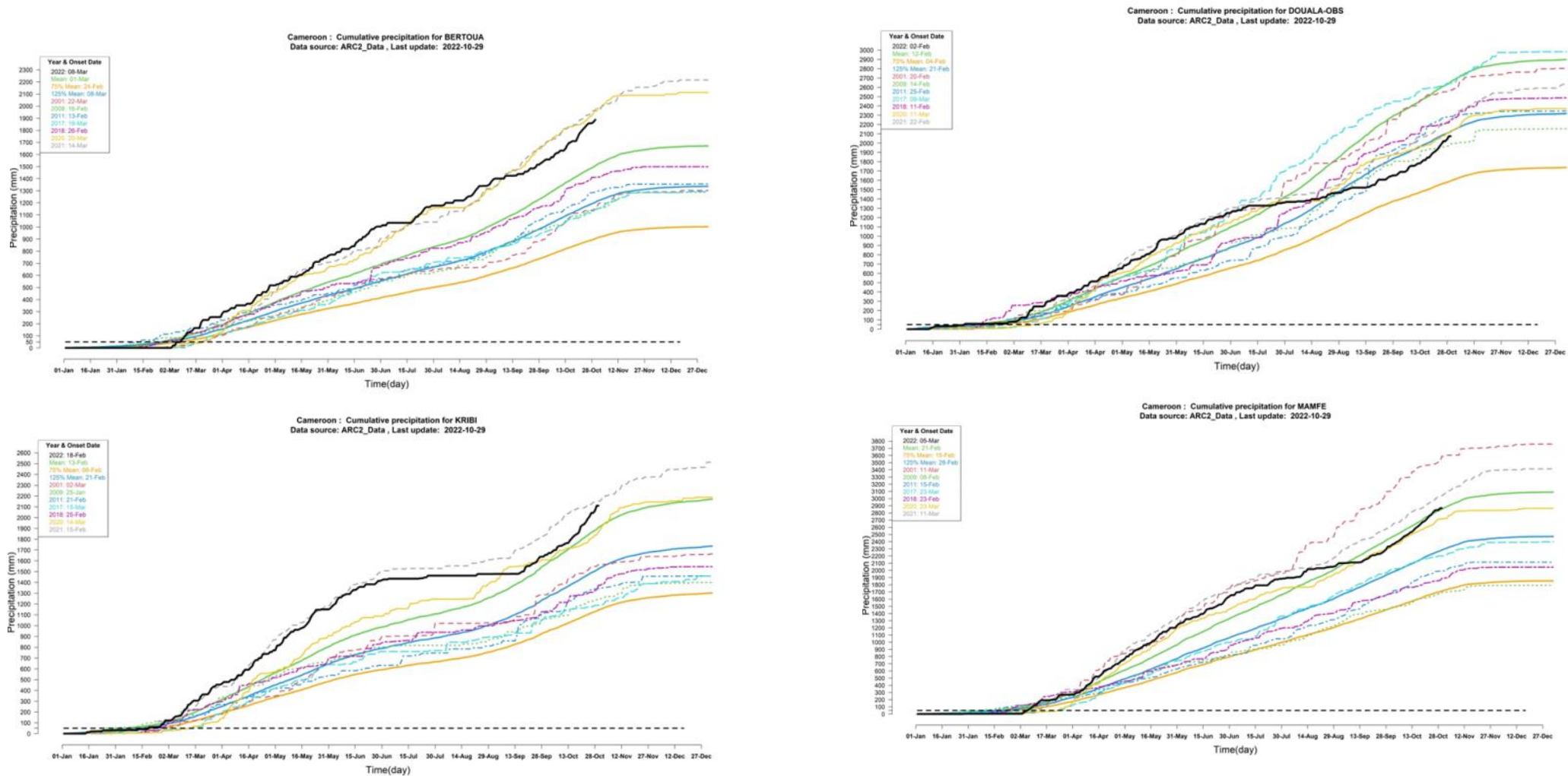
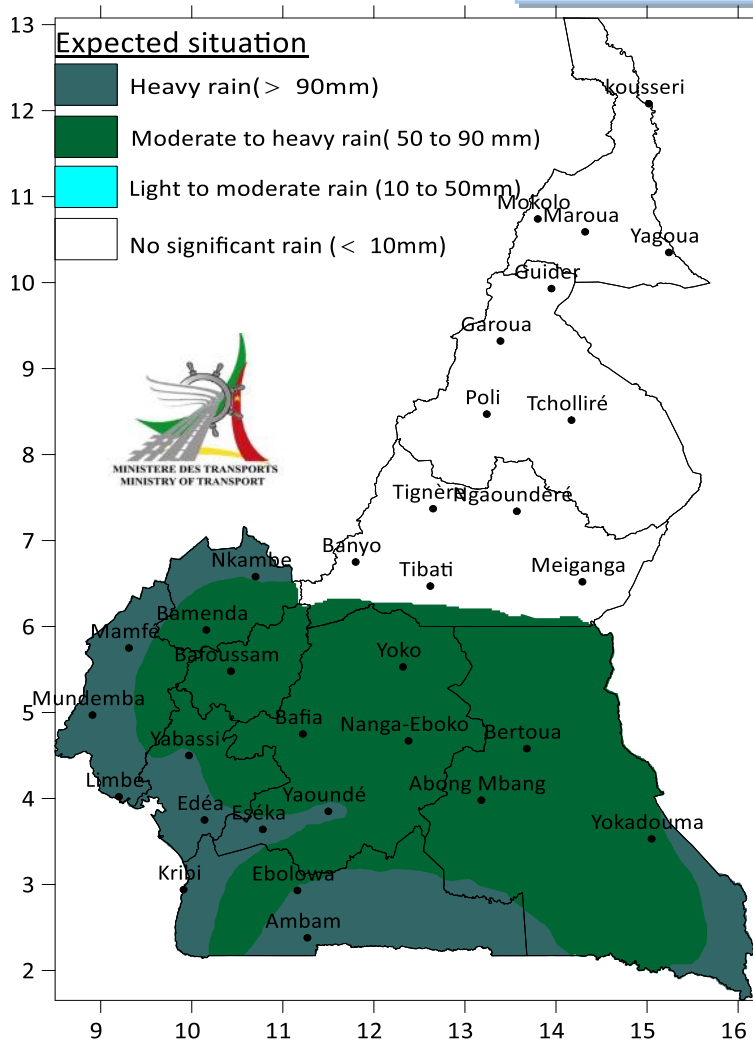


Fig.3: Cumulative rainfall for some stations compared to the 1981-2010 climatology

The rainfall trend for the season continues to observe and above average situation in the South(Kribi), normal with above average to East(Bertoua), While in the coast(Douala), the situation is that of a deficit with a normal and the South-West(Mamfe), the situation is that normal trend in accordance with the seasonal forecast for October-November-December seasonal forecast.

III. RAINFALL OUTLOOKS



During the first dekad of November, **heavy rains** are very likely in most of the South-West, South, and North-West regions along the coast and parts of the East and Center, particularly in the localitie of Mamfe, Ebolowa, Ambam, Mundemba, Nkambe, Kribi, Edea, Limbe, Yaoundé, Eseka; With total amouts expected to be greater than 180mm. Also, the rest of the Southern region of the contry, in partiular the region of East, Center, Littoral, West and South are likely to receive **moderate to heavy rains** with totals that can be between 50 and 170mm. The rest of the North should are expected to receive **no significant rain** of not more than 10mm.

Fig.4: Precipitation outlook for the week of 1st to 10^t November

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