

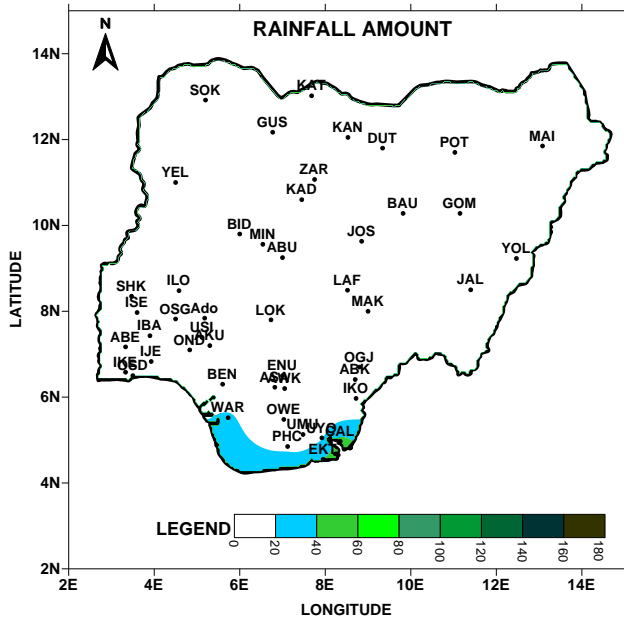
**Summary**

The 2<sup>nd</sup> dekad of agrometeorological bulletin for November, 2018 shows insignificant rainfall amounts were observed across Southern parts of the country except few places in the coastal states that recorded 45.5mm in Calabar, Eket (40.1mm) and Warri (23.7mm). Normal to below normal rainfall anomalies was observed. Highest temperature was recorded Yola (36.9°C) and lowest at Eket (28.8°C). Most parts of the country experienced normal to warmer than-normal temperature anomalies except places like Kaduna, Jalingo and Eket where colder than normal day-time temperature anomalies were experienced. The Inter Tropical Discontinuity (ITD) is expected to move northward to attain a mean position of 8.5°N. Harvesting of maize, vegetables, root and tuber crops are continuing across some parts of the country.

**1.0 Rainfall Pattern**

This section highlights the observed rainfall amount, rain-day, available soil moisture and their departures from 30-year average for the 2<sup>nd</sup> dekad of November, 2018.

**1.1 Rainfall Amount**

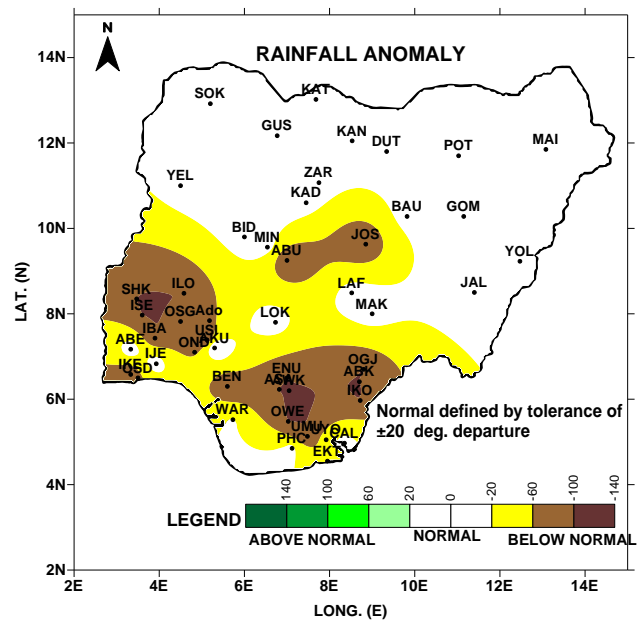


**Figure 1: Rainfall Amount (mm)**

The total rainfall amount for the 2<sup>nd</sup> dekad of November, 2018 is presented in figure 1. Insignificant rainfall amounts were observed across southern parts of the country during the dekad under review except few places in the coastal states that recorded 45.5mm in Calabar, Eket (40.1mm) and Warri (23.7mm). The highest amount of rainfall was observed at Eket.

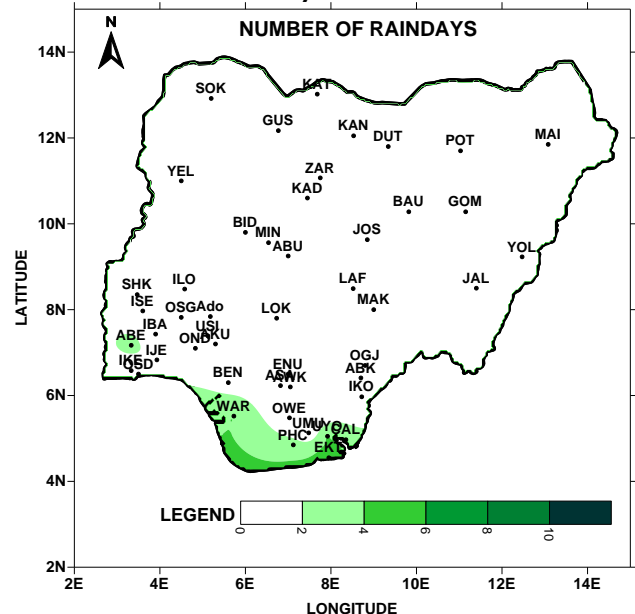
**1.2 Rainfall Departure.**

The rainfall departure for the 2<sup>nd</sup> dekad of November, 2018 is shown in figure 2. The country experienced normal to below normal rainfall anomalies during the dekad.



**Figure 2: Rainfall Departure**

**1.3 Number of Rain Days**



**Figure 3: Rain- Day**

The distribution of number of rain-days for the 2<sup>nd</sup> dekad of November 2018 is shown in figure 3.

Between 1-5 rain-days were recorded across the country.

### 1.4 Soil Moisture Index.

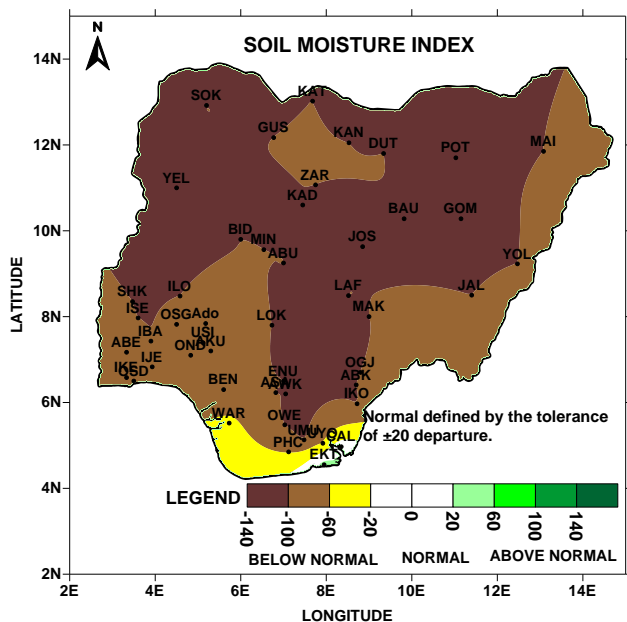


Figure 4: Soil Moisture Index (SMI).

The distribution of available soil moisture across the country is shown in figure 4. The country experienced below normal soil moisture conditions with the exception of places around Eket that had normal to above normal soil moisture conditions during the dekad.

### 2.0 Temperature Trend

The maximum temperature trends across the country and their departures from 30-year average during the dekad are highlighted in this section.

#### 2.1 Maximum Temperature Trend

The day-time temperature for the 2<sup>nd</sup> dekad of November, 2018 is presented in figure 5. The mean maximum temperature ranged from 28.8°C (over Eket) to 36.9°C (over Yola).

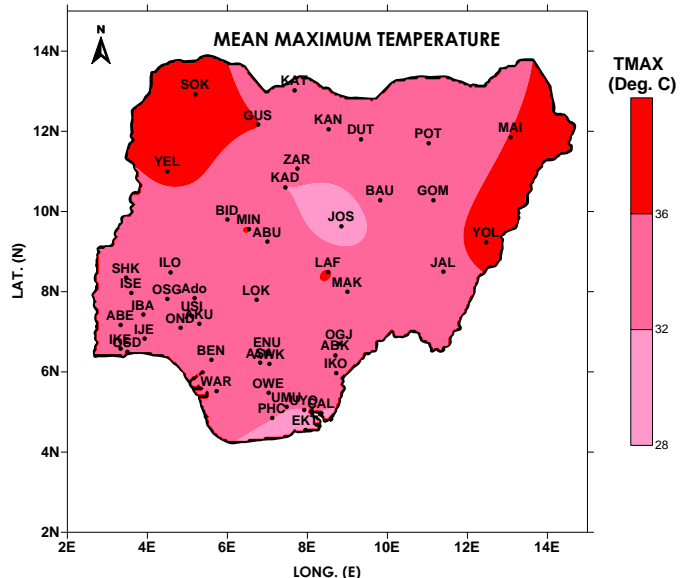


Figure 5: Mean Maximum Temperature

#### 2.2 Maximum Temperature Departure

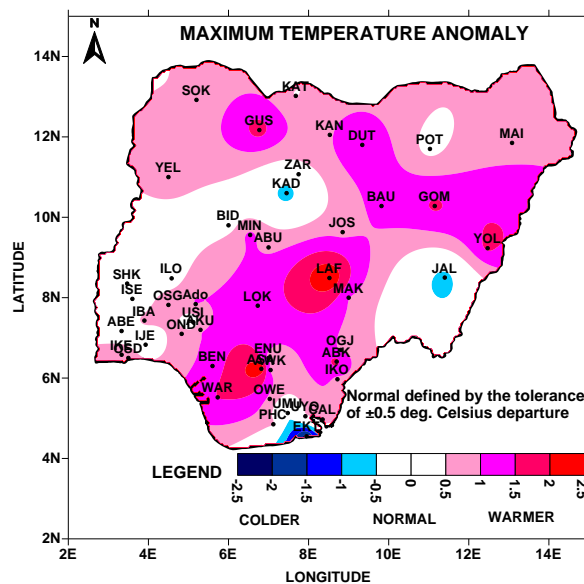


Figure 6: Maximum Temperature Anomaly.

Figure 6 shows the maximum temperature anomaly across the country, most parts of the country experienced normal to warmer than-normal temperature anomalies with the exception of places like Kaduna, Jalingo and Eket where colder than normal day-time temperature anomalies were experienced.

### 3.0 Weather/Agricultural Outlook for third dekad (21-30) of November, 2018.

### 3.1 Weather Outlook

The Inter-Tropical Discontinuity (ITD) is expected to move towards the north to attain a mean position of 8.5°N.

Sunny and Cloudy condition are anticipated over most parts of the northern region.

The southern states are expected to be in mostly cloudy conditions during the period accompanied by thunderstorms and rains.

### 3.2 Advisories

Reference to the Nigerian Meteorological Agency (NiMet) Seasonal Rainfall Prediction (i.e. Forecast for planting date, cessation, length of growing season

and total rainfall amount) for 2018, farmers are advised to go through NiMet website ([www.nimet.gov.ng](http://www.nimet.gov.ng)) or contact NiMet stations nearby for more information and guidance.

### 3.3 Agricultural Activity

Farmers across the country more especially the sudano-sahelian zone (Borno, Yobe, Jigawa, Katsina, Zamfara, Kebbi and Sokoto) are advised to continue planting ecologically friendly trees for soil fertility, conservation and carbon sequestration.

Harvesting of maize, yam, vegetables, root and tuber crops are continuing across the country.

**Kindly send feedback to:**

**The Director-General/CEO,**

**Nigerian Meteorological Agency (NiMet),**

**National Weather Forecasting and Climate**

**Research Centre, NnamdiAzikiwe International**

**Airport, PMB 615 Garki, Abuja.**

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