

**HEAVY RAINFALL FORECAST BULLETIN No: 202408015**

**CATEGORY OF FORECAST: WATCH**

**ISSUED ON 27<sup>TH</sup> AUGUST, 2024**

**Valid: From 0000UTC of 28<sup>TH</sup> AUGUST, 2024 to 2359UTC of 30<sup>TH</sup> AUGUST, 2024.**

**1.1 INTERPRETATIONS**

Heavy Rainfall is expected over parts of Jigawa, Kano, Katsina, Zamfara, Sokoto and Yobe states (See places in Red colour). Moderate to Heavy Rainfall is expected over parts of Sokoto, Kebbi, Niger, the Federal Capital Territory, Kaduna, Kano, Plateau, Bauchi, Gombe, Yobe, Nasarawa, Kogi, Borno, Adamawa, Taraba and Jigawa states (See places in Orange colour). Light to Moderate Rainfall is anticipated during the forecast period (Wednesday 28<sup>th</sup>, Thursday 29<sup>th</sup> and Friday 30<sup>th</sup>) over parts of Sokoto, Kebbi, Zamfara, Katsina, Kano, Jigawa, Bauchi, Yobe, Borno, Gombe, Adamawa, Taraba, Plateau, Kaduna, Nasarawa, the Federal Capital Territory, Niger, Benue, Kogi, Cross River, Ebonyi, Enugu, Imo, Abia, Anambra, Akwa Ibom, Rivers, Delta, Edo, Ondo, Ekiti, Osun and Oyo states (See places in Yellow colour). Light Rainfall is expected over the rest of the country (See places in green).

**1.2 CAUTION**

There are prospects of flash flooding as a result of the expected moderate to Heavy rainfall. Strong winds may accompany the rains.

The public is advised not to drive through surface runoff waters, as they have strong undercurrents. Other likely hazards include slippery road surfaces, reduced visibility during the rain which can disrupt road traffic.

Strong winds are a threat to weak structures, trees and mast. Disconnect electrical appliances before and not during the rains.

**LEGEND AND ITS INTERPRETATIONS**

LIKELIHOOD	≥ 60%		2	6	10
	≥ 40%		1	5	9
	≥ 20%			4	8
	≥ 10%			3	7
		Very light	Light	Moderate	Heavy
IMPACT					

**1:** Probability between 40 and 60% to have a cumulative rainfall between 10 and 20 mm in 24 hours

**2:** Probability of more than 60% to have a cumulative rainfall between 10 and 20 mm in 24 hours

**4:** Probability between 20 and 40% to have a cumulative rainfall between 20 and 50 mm in 24 hours

**5:** Probability between 40 and 60% to have a cumulative rainfall between 20 and 50 mm in 24 hours

**6:** Probability of more than 60% to have a cumulative rainfall between 20 and 50 mm in 24 hours

**8:** Probability between 20 and 40% to have a cumulative rainfall greater than 50 mm in 24 hours

**9:** Probability between 40 and 60% to have a cumulative rainfall of greater 50 mm in 24 hours

**10:** Probability of more than 60% to have a cumulative rainfall greater than 50 mm in 24 hours

S/N	Range	Category
1.	< 10mm	Very Light Rainfall
2.	10 – 20mm	Light Rainfall
3.	20 – 50mm	Moderate Rainfall
4.	> 50mm	Heavy Rainfall

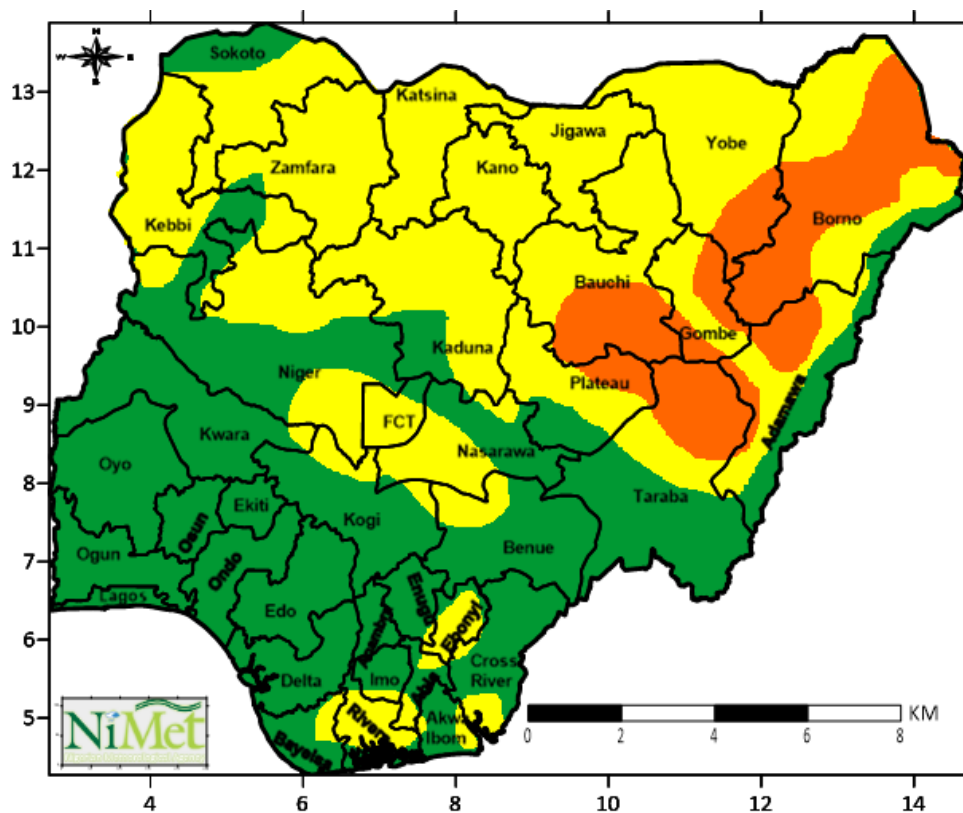


Fig 1.0: Spatial display of rainfall and probability valid from 0000UTC of 28<sup>th</sup> August to 2359UTC of 28<sup>th</sup> August, 2024.

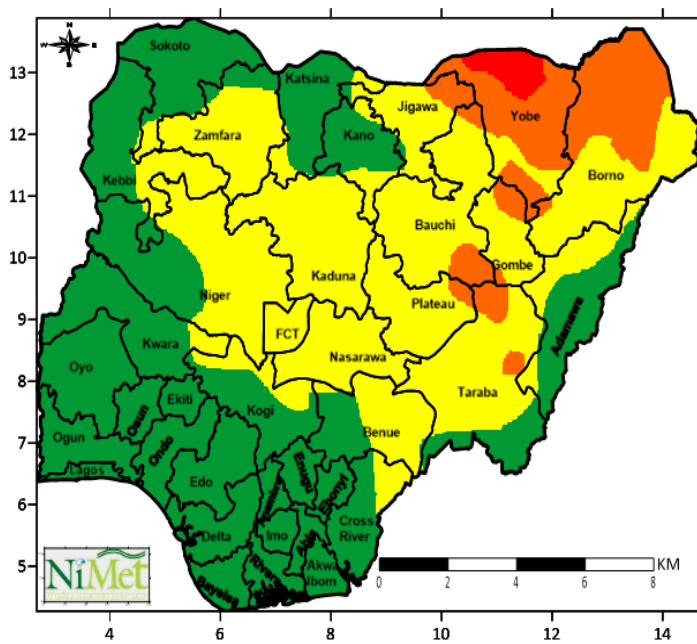


Fig 2.0: Spatial display of rainfall and probability valid from 0000UTC of 29<sup>th</sup> August to 2359UTC of 29<sup>th</sup> August, 2024.

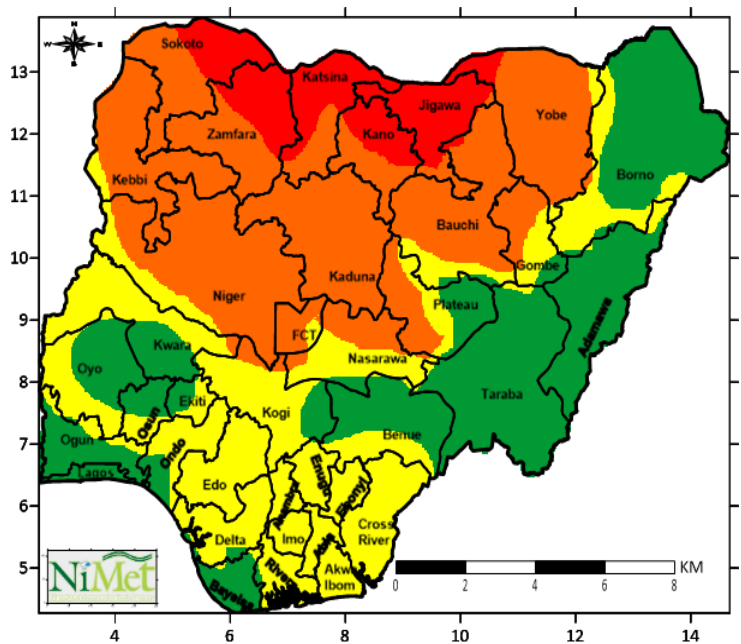


Fig 3.0: Spatial display of rainfall and probability valid from 0000UTC of 30<sup>th</sup> August to 2359UTC of 30<sup>th</sup> August, 2024.