

HEAVY RAINFALL FORECAST BULLETIN No: 202409016

CATEGORY OF FORECAST: WATCH

ISSUED ON 3RD SEPTEMBER, 2024

Valid: From 0000UTC of 4TH SEPTEMBER, 2024 to 2359UTC of 6TH SEPTEMBER, 2024.

1.1 INTERPRETATIONS

Moderate to Heavy Rainfall is expected over parts of Sokoto, Taraba, Kebbi, Niger, the Federal Capital Territory, Kaduna, Plateau, Bauchi, Gombe, Nasarawa, Kogi, Borno, Adamawa, Kwara and Zamfara states (See places in Orange colour). Light to Moderate Rainfall is anticipated during the forecast period (Wednesday 4th, Thursday 5th and Friday 6th) over parts of Sokoto, Kebbi, Zamfara, Katsina, Kano, Jigawa, Bauchi, Yobe, Borno, Gombe, Adamawa, Taraba, Plateau, Kaduna, Nasarawa, the Federal Capital Territory, Niger, Kwara, Benue, Kogi, Cross River, Ebonyi, Enugu, Imo, Abia, Akwa Ibom, Rivers, Ekiti, Ondo 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.

Elsewhere (See places in Green). no hydrometeorological hazards are anticipated. The public is however advised to

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

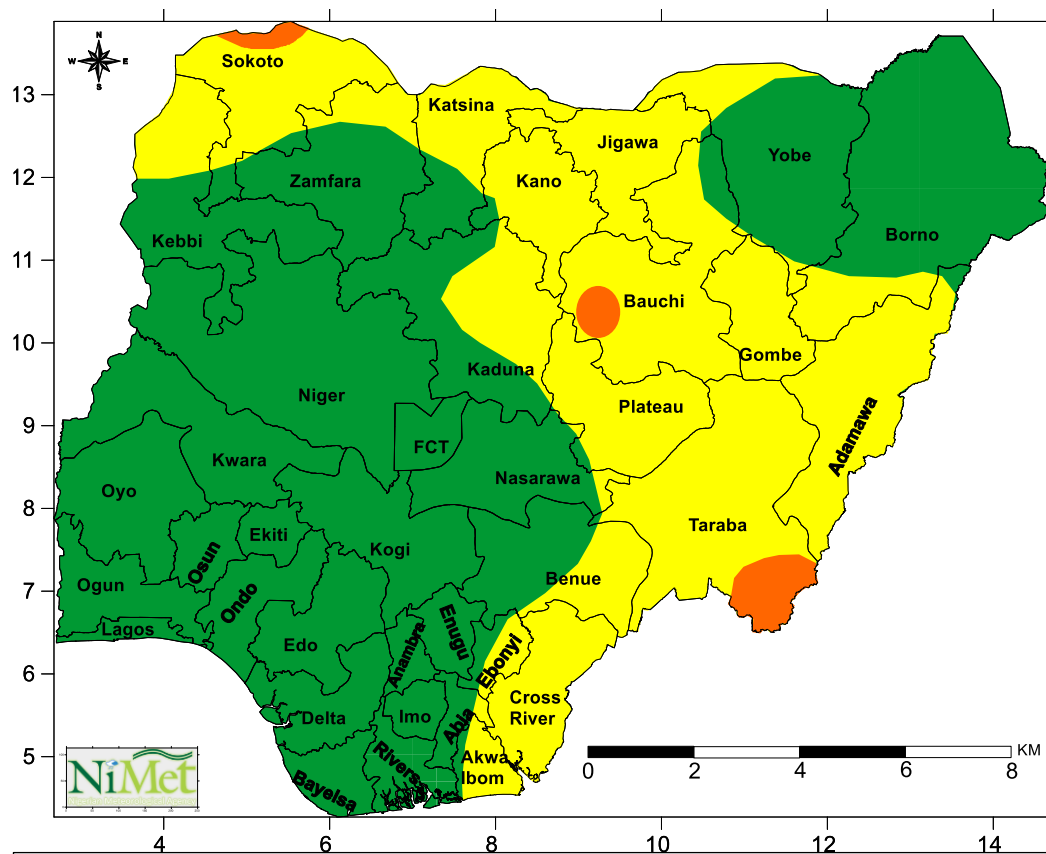


Fig 1.0: Spatial display of rainfall and probability valid from 0000UTC of 4th September to 2359UTC of 4th September, 2024.

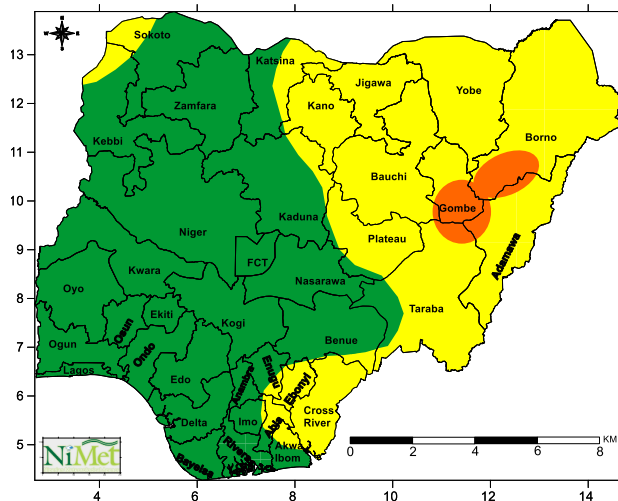


Fig 2.0: Spatial display of rainfall and probability valid from 0000UTC of 5th September to 2359UTC of 5th September, 2024.

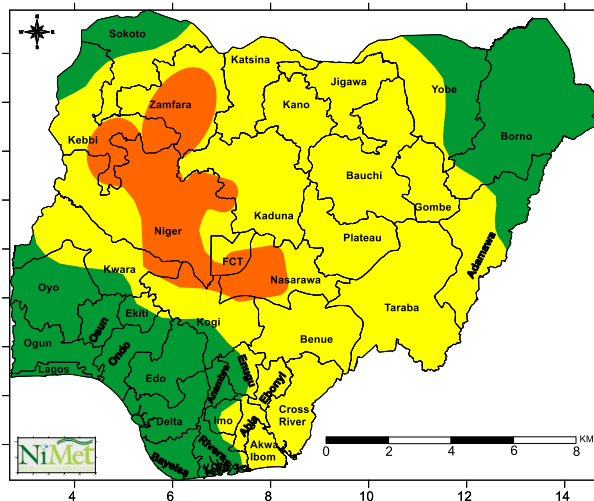


Fig 3.0: Spatial display of rainfall and probability valid from 0000UTC of 6th September to 2359UTC of 6th September, 2024.