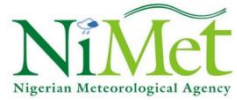




FEDERAL GOVERNMENT OF NIGERIA

MINISTRY OF AVIATION AEROSPACE DEVELOPMENT

NIGERIAN METEOROLOGICAL AGENCY



IMPACT-BASED WEATHER FORECAST

Issued on Monday 23rd September, 2024

Valid from 0000 – 2359hrs of Tuesday 24th September, 2024

No: 202409036

Forecast category: *Advisory*

1.1 HIGHLIGHTS

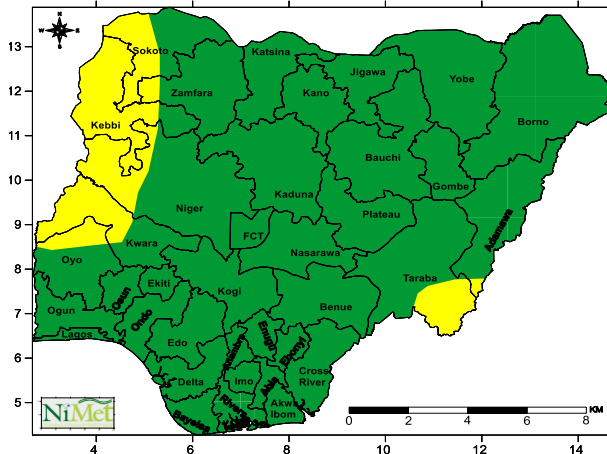
On Tuesday 24th September (0000-2359hrs), Low to Moderate Rainfall is expected over parts of Taraba, Adamawa, Niger, Zamfara, Kebbi, Kwara, Oyo and Sokoto states (See places in Yellow colour). Low Rainfall with little or no risk of hydro- meteorological hazard is expected over the remaining parts of the country (See places in Green colour).

Weather Type: **Thunderstorms**

Warning Key



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



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
Green	During the forecast period, 24hours, no hazard is expected			
Yellow	During the forecast period, 24hours accumulated rainfall (10 – 20mm) is likely.	Low to Moderate rainfall, flash flooding, riverine flooding, soil erosion, Strong winds, Thunder and lightning are likely.	Isolated cases of displacements of people due to flash floods, outbreaks of water-borne diseases, isolated cases of damage to weak structures...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs.
Orange	During the forecast period, 24hours accumulated rainfall (20 – 50mm) is very likely.	Moderate to Heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds	Displacements of people due to floods, outbreaks of water-borne diseases, and damages to infrastructures (roads, bridges,)	Update flood contingency plans, improve water management in reservoirs and dams, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs to be informed of the detailed expected meteorological conditions
Red	During the forecast period, 24hours accumulated rainfall (>50mm) is very likely.	Extreme heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds.	Large scale displacement of people due to floods, outbreaks of waterborne diseases, damages to infrastructures (roads, bridges,), Loss of lives, injuries, reduction of visibility, interruption of vehicular traffic.	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

IMPACT-BASED WEATHER FORECAST

Issued on Monday 23rd September, 2024

Valid from 0000 – 2359hrs of Wednesday 25th September, 2024

Forecast category: Watch

1.2 HIGHLIGHTS

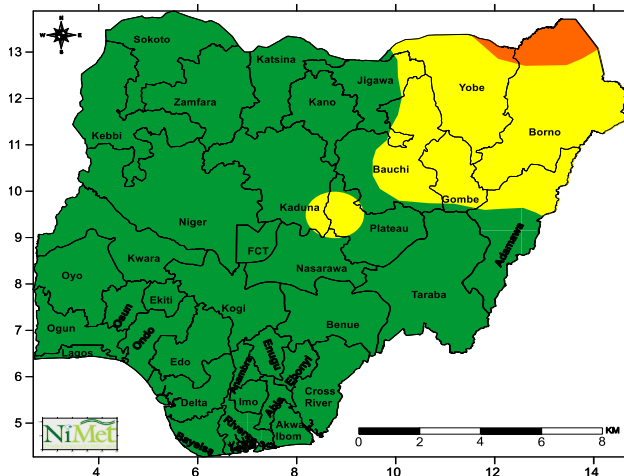
On Wednesday 25th September (0000 – 2359hrs), Moderate to Heavy Rainfall is expected over parts of Borno and Yobe states. Low to Moderate Rainfall is expected over parts of Borno, Adamawa, Gombe, Bauchi, Plateau, Nasarawa, Jigawa, Yobe and Kaduna states (See places in Yellow colour). Low Rainfall with little or no risk of hydro-meteorological hazard is expected over the remaining parts of the country (See places in Green colour).

Weather Type: **Thunderstorms**



Warning Key

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



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
Green	During the forecast period, 24hours, no hazard is expected			
Yellow	During the forecast period, 24hours accumulated rainfall (10 – 20mm) is likely.	Low to Moderate rainfall, flash flooding, riverine flooding, soil erosion, Strong winds, Thunder and lightning are likely.	Isolated cases of displacements of people due to flash floods, outbreaks of water-borne diseases, isolated cases of damage to weak structures...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs.
Orange	During the forecast period, 24hours accumulated rainfall (20 – 50mm) is very likely.	Moderate to Heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds	Displacements of people due to floods, outbreaks of water-borne diseases, and damages to infrastructures (roads, bridges,)	Update flood contingency plans, improve water management in reservoirs and dams, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs to be informed of the detailed expected meteorological conditions
Red	During the forecast period, 24hours accumulated rainfall (>50mm) is very likely.	Extreme heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds.	Large scale displacement of people due to floods, outbreaks of waterborne diseases, damages to infrastructures (roads, bridges, ...), Loss of lives, injuries, reduction of visibility, interruption of vehicular traffic.	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

IMPACT-BASED WEATHER FORECAST

Issued on Monday 23rd September, 2024

Valid from 0000 – 2359hrs of Thursday 26th September, 2024

Forecast Category: *Watch*

1.3 HIGHLIGHTS

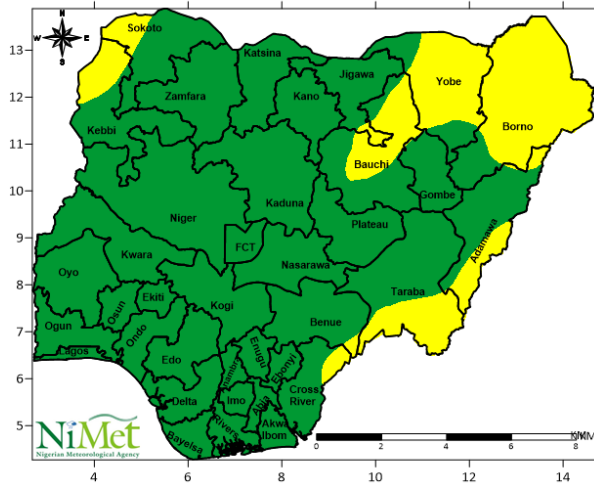
On Thursday 26th September (0000 – 2359hrs), Low to Moderate Rainfall is expected over parts of Borno, Yobe, Jigawa, Bauchi, Sokoto, Kebbi, Adamawa, Taraba, Plateau, Benue and Cross River states (See places in Yellow colour). Low Rainfall with little or no risk of hydro-meteorological hazard is expected over the remaining parts of the country (See places in Green colour).

Weather Type: **Thunderstorms**

Warning Key



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



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
	During the forecast period, 24hours, no hazard is expected			
	During the forecast period, 24hours accumulated rainfall (10 – 20mm) is likely.	Low to Moderate rainfall, flash flooding, riverine flooding, soil erosion, Strong winds, Thunder and lightning are likely.	Isolated cases of displacements of people due to flash floods, outbreaks of water-borne diseases, isolated cases of damage to weak structures...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs.
	During the forecast period, 24hours accumulated rainfall (20 – 50mm) is very likely.	Moderate to Heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds	Displacements of people due to floods, outbreaks of water-borne diseases, and damages to infrastructures (roads, bridges,)	Update flood contingency plans, improve water management in reservoirs and dams, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs to be informed of the detailed expected meteorological conditions
	During the forecast period, 24hours accumulated rainfall (>50mm) is very likely.	Extreme heavy rainfall, flash flooding, riverine flooding, soil erosion, Thunder and lightning, strong winds.	Large scale displacement of people due to floods, outbreaks of waterborne diseases, damages to infrastructures (roads, bridges, ...), Loss of lives, injuries, reduction of visibility, interruption of vehicular traffic.	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

IMPACT-BASED WEATHER FORECAST

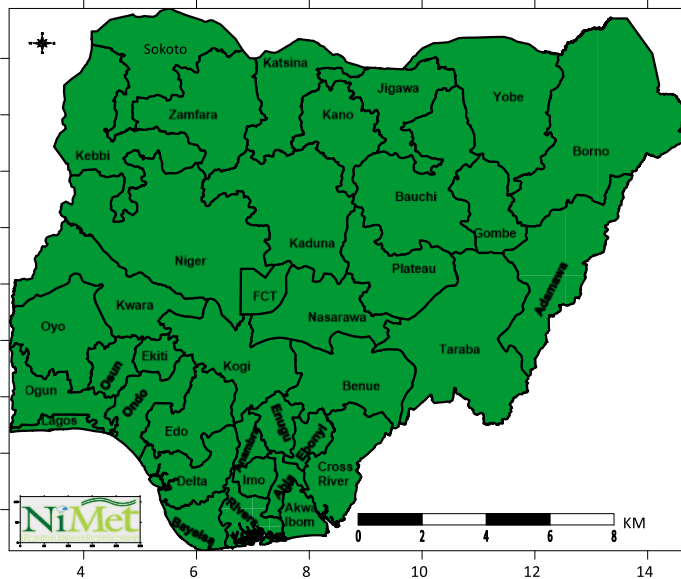
Issued on Monday 23rd September, 2024
Valid from 0000 – 2359hrs of Tuesday 24th September, 2024

Forecast category: *Advisory*

1.4 HIGHLIGHTS

During this day (0000 – 2359hrs, Tuesday 24th September, 2024), There is little to no chance of temperature-related hazards in the country (See places in Green colour).

Weather Type: **High Temperature**



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
	During the forecast period, the 24hours maximum temperature (Tmax) of Low to Moderate temperature value is likely.	Low to Moderate temperatures are likely.	Isolated cases of uncomfortable temperatures, outbreaks of heat related diseases, isolated cases of heat stress...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, the situation needs to be monitored closely with NHMSs.
	During the forecast period, the 24hours maximum temperature (Tmax) of High Temperature value (Top 10 percent) is very likely .	High temperatures, high thermal discomfort are very likely,	Increased cases of heat-related diseases, increased cases of heat stress, damage to temperature sensitive products...	Update disaster contingency plans, improve energy management especially during transmission, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs
	During the forecast period, the 24hours maximum temperature (Tmax) of Very High Temperature value (Top 3 percent) is very likely .	Very high temperatures, very high thermal discomfort, sun-burning, are very likely.	Widespread cases of very hot temperatures, outbreaks of heat related diseases, widespread cases of heat stress, damage to heat-sensitive products, increased demand on energy...	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0
	During the forecast period, the 24hours maximum temperature (Tmax) of Extremely High Temperature value (Top 1percent) is very likely .	Extremely high temperatures affecting ability to cool bodies through sweating, are very likely	Occurrence of extremely high temperatures (severe thermal discomfort), outbreaks of heat related illnesses, hypothermia, heat stroke, death of farm animals...	Civil Protection Service and DRM authorities to remain active to salvage the ameliorate the situation rendering assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

For more details visit/contact: www.nimet.gov.ng

IMPACT-BASED WEATHER FORECAST

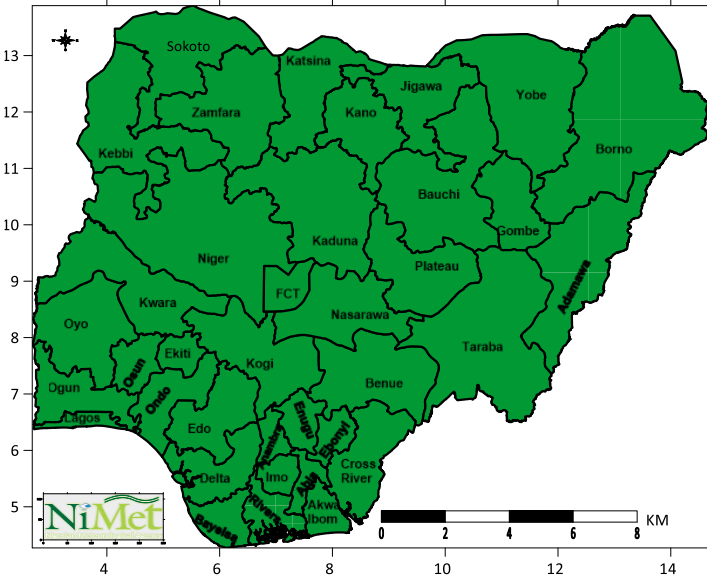
Issued on Monday 23rd September, 2024
Valid from 0000 – 2359hrs of Wednesday 25th September, 2024

Forecast category: *Advisory*

1.5 HIGHLIGHTS

On this day, Wednesday 25th September 2024 (0000 – 2359hrs), there is little or no chance of temperature-related hazards in the country (See places in Green colour).

Weather Type: High Temperature



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
	During the forecast period, the 24hours maximum temperature (Tmax) of Low to Moderate temperature value is likely.	Low to Moderate temperatures are likely.	Isolated cases of uncomfortable temperatures, outbreaks of heat related diseases, isolated cases of heat stress...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, the situation needs to be monitored closely with NHMSs.
	During the forecast period, the 24hours maximum temperature (Tmax) of High Temperature value (Top 10 percent) is very likely.	High temperatures, high thermal discomfort are very likely,	Increased cases of heat-related diseases, increased cases of heat stress, damage to temperature sensitive products...	Update disaster contingency plans, improve energy management especially during transmission, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs
	During the forecast period, the 24hours maximum temperature (Tmax) of Very High Temperature value (Top 3 percent) is very likely.	Very high temperatures, very high thermal discomfort, sun-burning, are very likely.	Widespread cases of very hot temperatures, outbreaks of heat related diseases, widespread cases of heat stress, damage to heat-sensitive products, increased demand on energy...	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0
	During the forecast period, the 24hours maximum temperature (Tmax) of Extremely High Temperature value (Top 1percent) is very likely.	Extremely high temperatures affecting ability to cool bodies through sweating, are very likely	Occurrence of extremely high temperatures (severe thermal discomfort), outbreaks of heat related illnesses, hypothermia, heat stroke, death of farm animals...	Civil Protection Service and DRM authorities to remain active to salvage the ameliorate the situation rendering assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

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IMPACT-BASED WEATHER FORECAST

Issued on Monday 23rd September, 2024

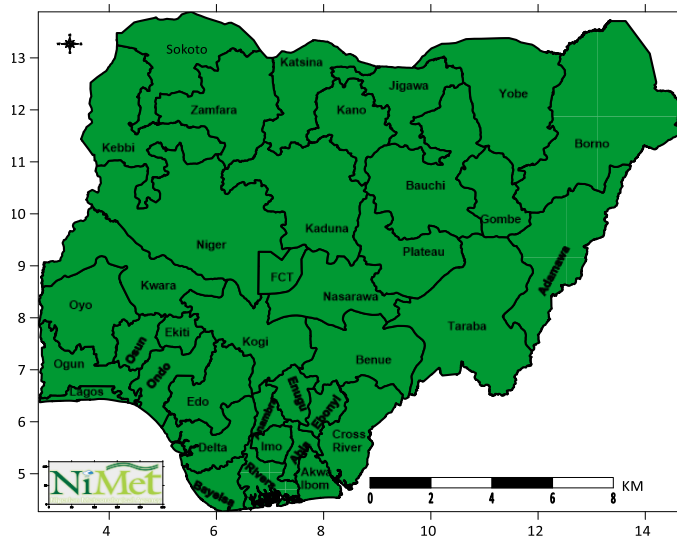
Valid from 0000 – 2359hrs of Thursday 26th September, 2024

Forecast category: *Advisory*

1.6 HIGHLIGHTS

On the third day (0000 – 2359hrs, Thursday 26th September, 2024), there is little or no chance of temperature-related hazards in the country, (See places in Green colour).

Weather Type: **High Temperature**



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
	During the forecast period, the 24hours maximum temperature (Tmax) of Low to Moderate temperature value is likely.	Low to Moderate temperatures are likely.	Isolated cases of uncomfortable temperatures, outbreaks of heat related diseases, isolated cases of heat stress...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, the situation needs to be monitored closely with NHMSs.
	During the forecast period, the 24hours maximum temperature (Tmax) of High Temperature value (Top 10 percent) is very likely.	High temperatures, high thermal discomfort are very likely,	I Increased cases of heat-related diseases, increased cases of heat stress, damage to temperature sensitive products...	Update disaster contingency plans, improve energy management especially during transmission, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs
	During the forecast period, the 24hours maximum temperature (Tmax) of Very High Temperature value (Top 3 percent) is very likely.	Very high temperatures, very high thermal discomfort, sun-burning, are very likely.	Widespread cases of very hot temperatures, outbreaks of heat related diseases, widespread cases of heat stress, damage to heat-sensitive products, increased demand on energy...	Civil Protection Service and DRM authorities to activate contingency plans for disaster preparedness and emergency response (awareness, assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0
	During the forecast period, the 24hours maximum temperature (Tmax) of Extremely High Temperature value (Top 1percent) is very likely.	Extremely high temperatures affecting ability to cool bodies through sweating, are very likely	Occurrence of extremely high temperatures (severe thermal discomfort), outbreaks of heat related illnesses, hypothermia, heat stroke, death of farm animals...	Civil Protection Service and DRM authorities to remain active to salvage the ameliorate the situation rendering assistance to victims, search & rescue operations), and be in close touch with NHMS for further accuracy at the national level.0

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IMPACT-BASED WEATHER FORECAST

Issued on Monday 23rd September, 2024

Valid for Tuesday 24th – Thursday 26th September, 2024

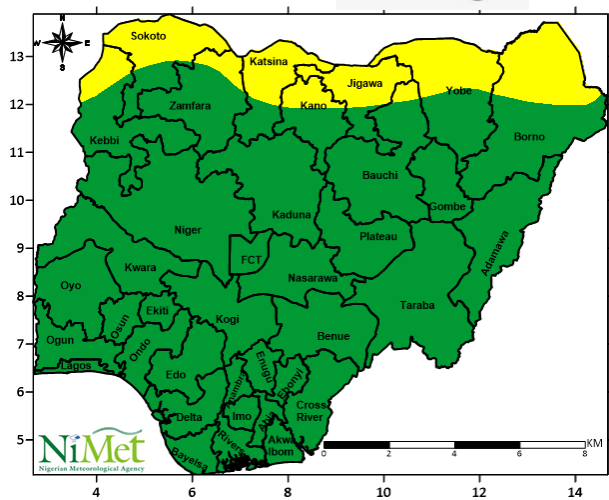
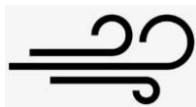
Forecast category: *Advisory*

1.7 HIGHLIGHTS

In the next three days (Tuesday 24th – Thursday 26th September, 2024), Strong winds are expected over parts of Sokoto, Zamfara, Katsina, Kano, Jigawa, Borno, Yobe, Bauchi and Kebbi states (See places in Yellow colour). Elsewhere, there is little or no risk of strong winds (See places in Green Colour).

Weather Type: **Strong Wind**

Warning Key



Key	Phenomenon	Hazard	Potential Impacts	DRM Measures/Advice
	During the forecast period (in the next three days), little or no hazard is expected.			
	During the forecast period (in the next three days) strong winds (20 – 30knots) at the surface is likely.	Moderate risk of Hazards due to Strong winds are likely.	Isolated cases of displacements of people due to strong wind, isolated cases of damage to weak structures, isolated cases of felling of trees...	DRM authorities to keep informed about the development of the meteorological situation and raise awareness, taking action is more likely, the situation needs to be monitored closely with NHMSs.
	During the forecast period (in the next three days) strong winds (>30knots) at the surface is likely.	High risk of Hazards due to Strong winds is very likely.	Large scale damages to weak structures, felling of trees, disruption of vehicular movement due to blockage of roads, displacement of people due to damages to buildings.	Update contingency plans, improve disaster management during strong winds, DRM authorities be ready to take adequate actions, DRM to be continuously in touch with NHMSs to be informed of the detailed expected meteorological conditions