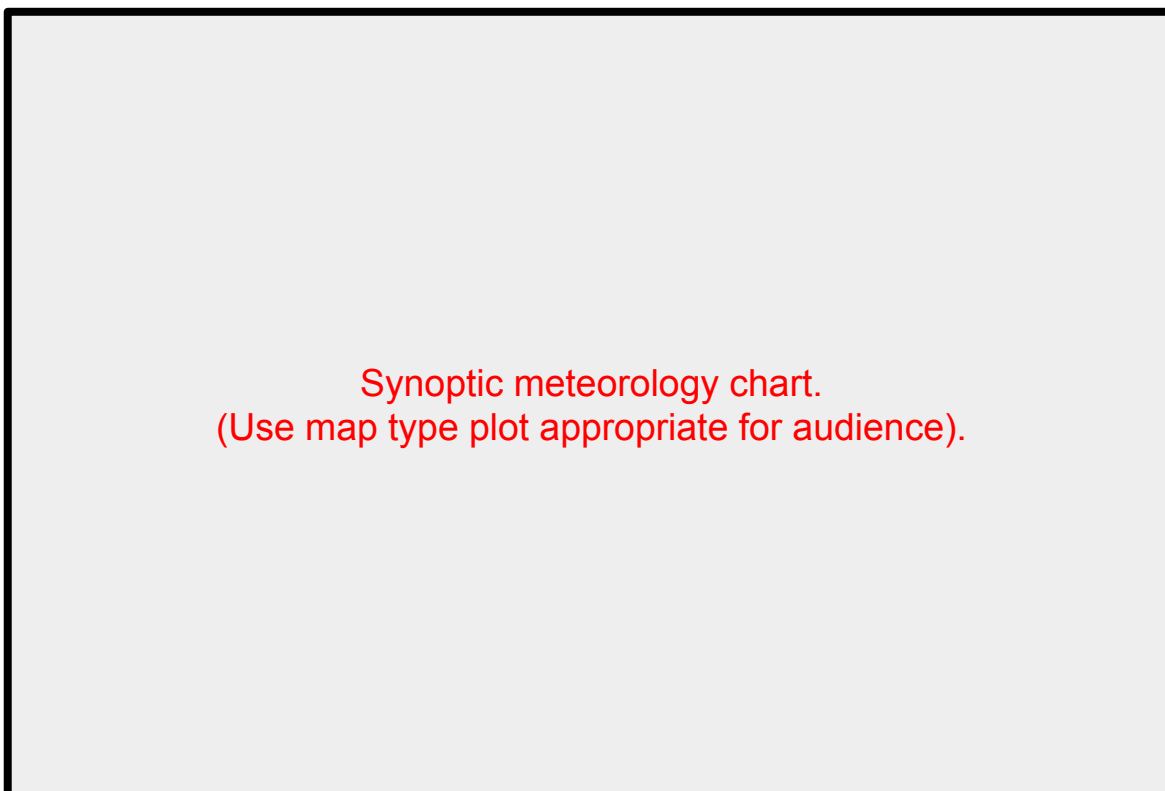
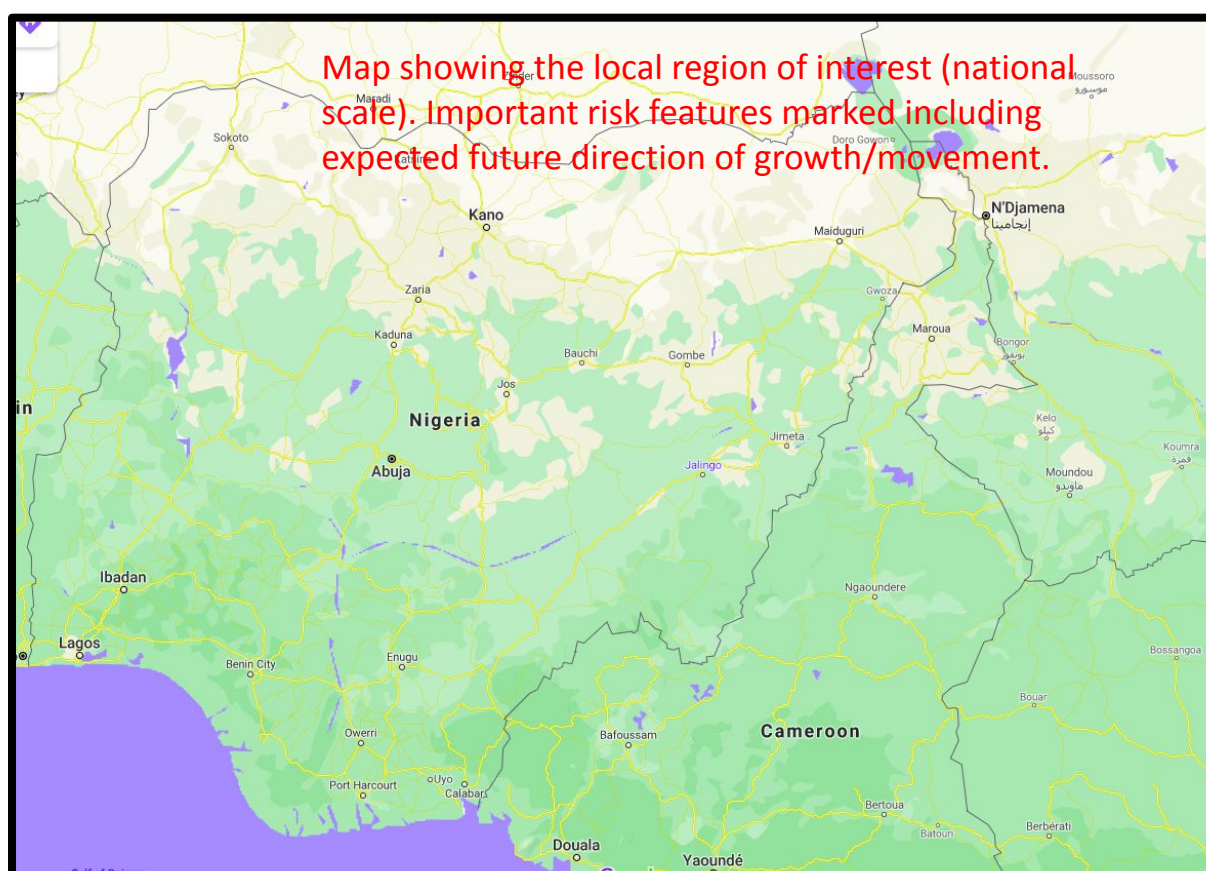


Synoptic conditions

Brief description of the large scale weather patterns that are influencing the smaller scale features and development of storms.



Synoptic meteorology chart.
(Use map type plot appropriate for audience).



Map showing the local region of interest (national scale). Important risk features marked including expected future direction of growth/movement.

Region/Région
Nigeria
Date/Date
DATE
Time/Temps
TIME
Data/Données
Source of data.
Nowcasting Risk
Be aware
Be Prepared
Take Action

Regional nowcast

Short description of current weather conditions focussed on the region of interest. Regions that are currently experiencing high impact weather and short predictions of how these storms will develop over the next few hours. Short outlook.

Local timelines

Region 1		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Region 2		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Region 3		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Region 4		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Region 4		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Region 5		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	Time				

Likelihood	Very high	Green	Yellow	Orange	Red	Red
	High	Green	Yellow	Orange	Red	Red
	Medium	Green	Yellow	Orange	Red	Red
	Low	Green	Green	Yellow	Orange	Red
	Very low	Green	Green	Green	Yellow	Orange
		Very low	Low	Medium	High	Very High
		Impact				

Take Action
Be Prepared
Be aware
Low risk

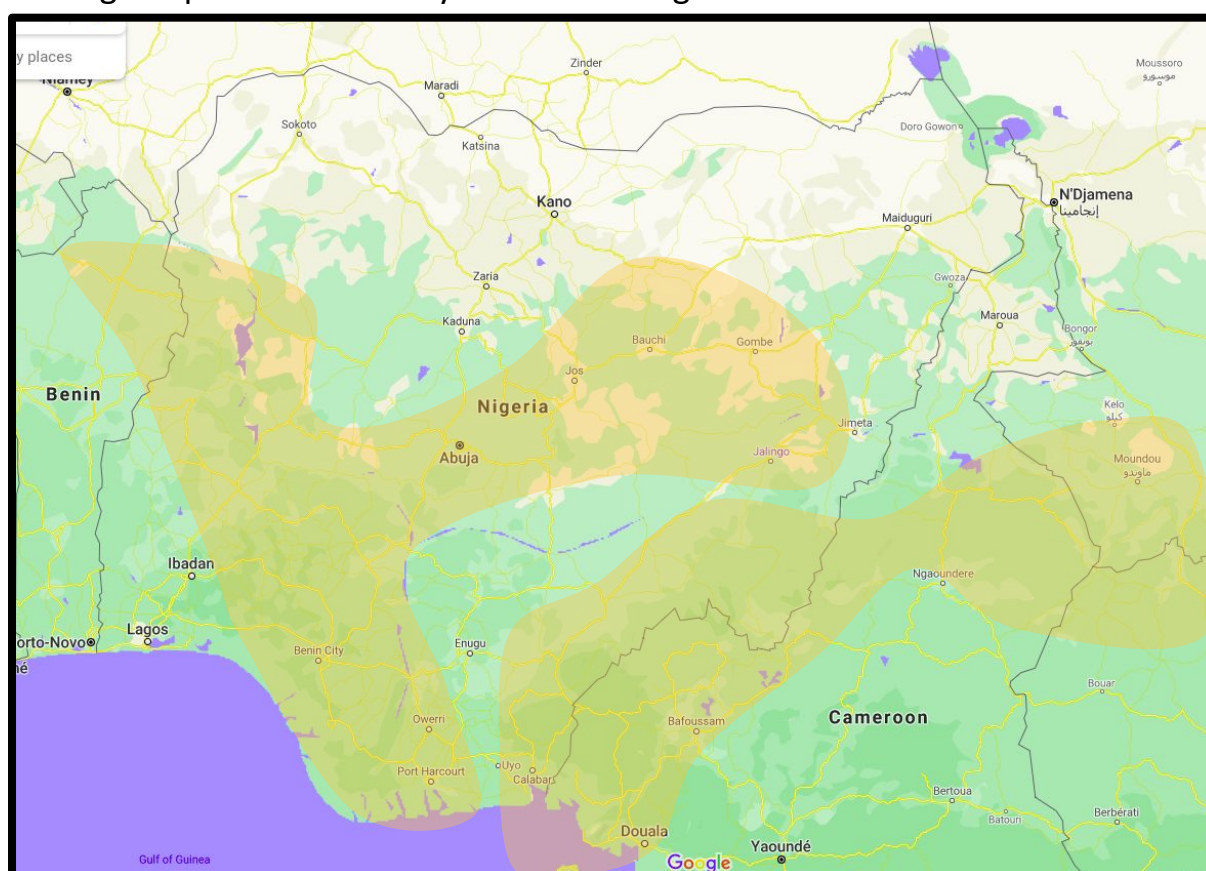
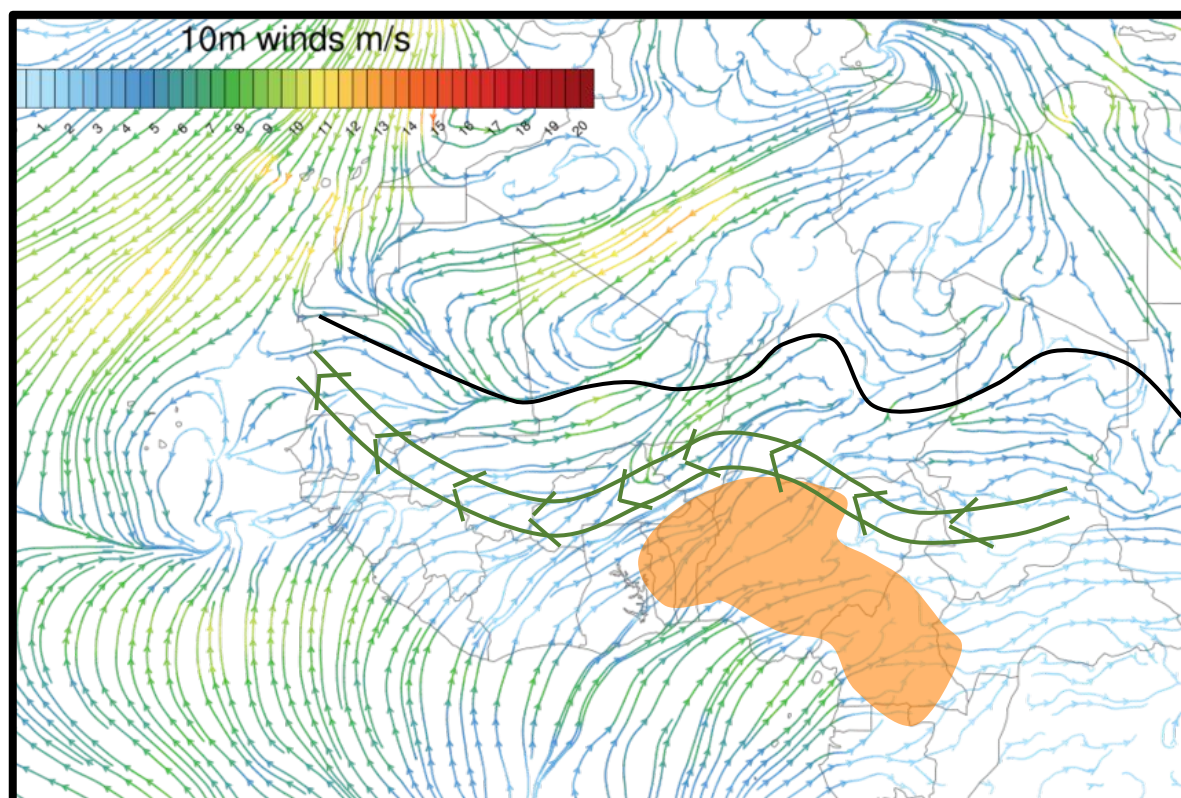
Key regions to be identified and risk nowcasts created for the next 3 hours using the nowcasting risk matrix to identify risk. As many or few regions as needed can be used.

Synoptic conditions

There is very high humidity over southern and western Nigeria. Inflowing moist air from over the gulf of Guinea and large scale meteorology (African Easterly Wave on the mid level African Easterly Jet: Green lines) have produced conditions favourable for convective storms across much of southern and western Nigeria.

Convective storms in their early stages have already been triggered across much of the highlighted region in particular along the southern Cameroon border and throughout central and western Nigeria.

It is expected that some storms will grow rapidly over the next few hour and move south westward. Rapidly growing and merging systems have the potential to be high impact due to heavy rain and strong winds.



Region/Région
Nigeria
Date/Date
2021 03 06
Time/Temps
1500 UTC
Data/Données
SEVIRI 10.8 µm NWCSAF - CRR NWCSAF - RDT
Nowcasting Risk
Be aware
Be Prepared
Take Action

Regional nowcast

Currently there are widespread areas of convective initiation across the highlighted regions. It is expected that some storms within these regions will continue to grow rapidly and produce large areas of very heavy rainfall. Once larger systems emerge they are likely to travel westward or southwestward in line with the current direction of travel of smaller storms.

Local timelines

Lagos		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Low risk	Low risk	Low risk	Low risk

Abuja		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Be aware	Be aware	Be aware	Be aware

Port Harcourt		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Be aware	Be aware	Be aware	Be aware

Benin City		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Be aware	Be aware	Be aware	Be aware

Ibadan		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Low risk	Low risk	Low risk	Low risk

Jos, Bauchi, Gombe & Jalingo		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1500 UTC	Low risk	Low risk	Low risk	Low risk

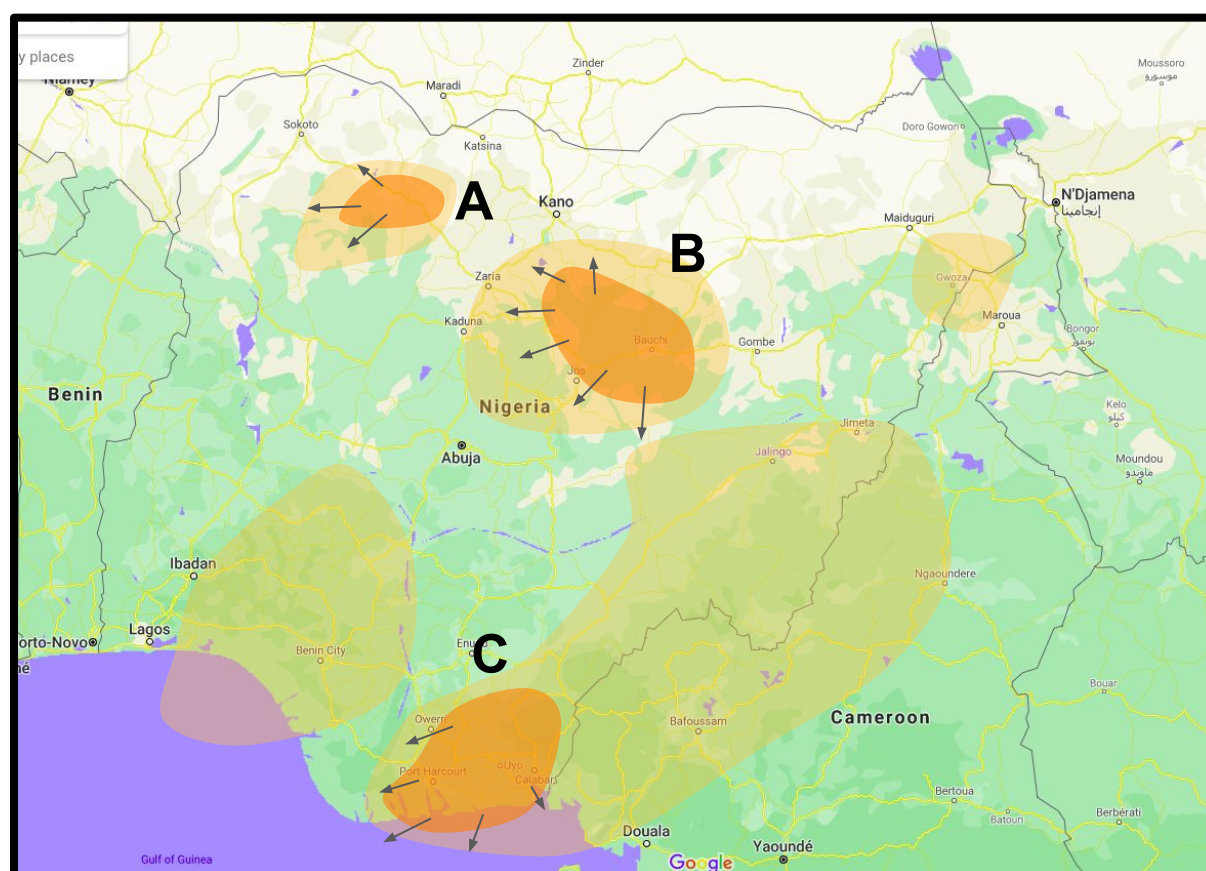
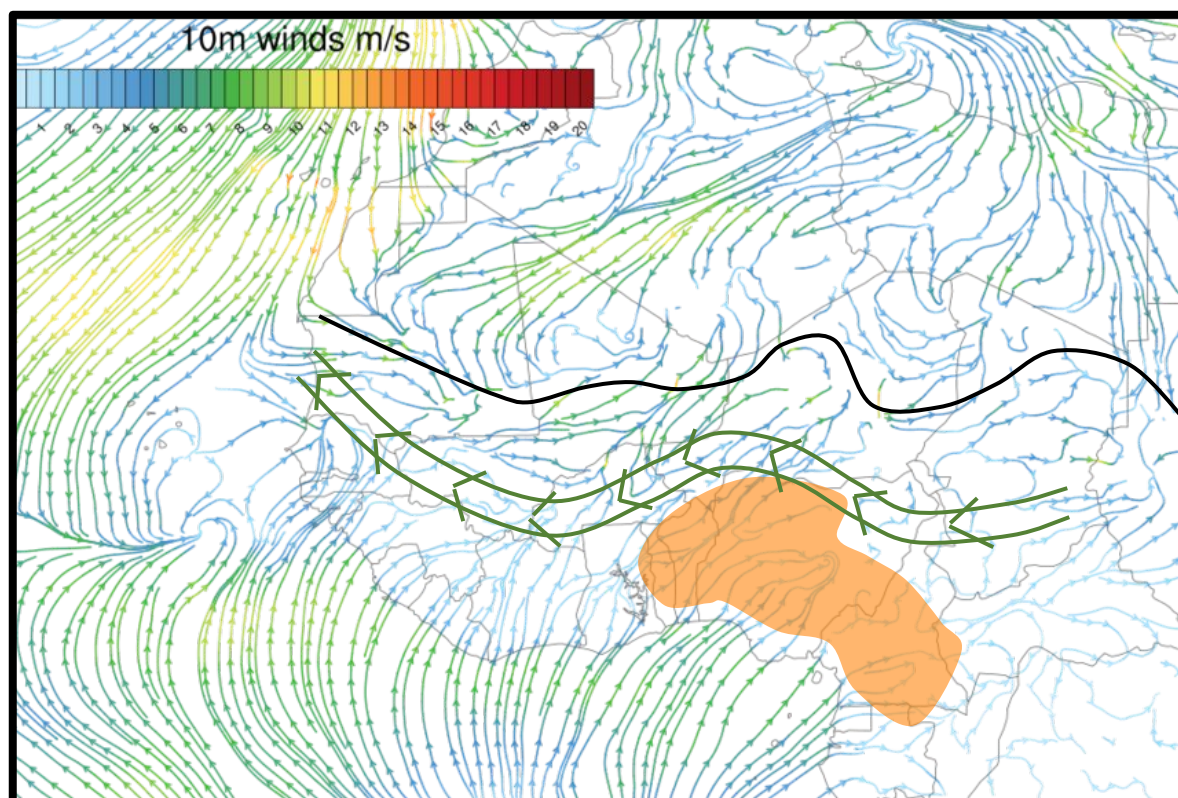
		Very low	Low	Medium	High	Very High
Likelihood	Very high	Low risk	Be aware	Be Prepared	Take Action	Take Action
	High	Low risk	Be aware	Be Prepared	Take Action	Take Action
	Medium	Low risk	Be aware	Be Prepared	Take Action	Take Action
	Low	Low risk	Be aware	Be Prepared	Take Action	Take Action
	Very low	Low risk	Low risk	Low risk	Low risk	Low risk
		Impact				

Take Action
Be Prepared
Be aware
Low risk

Synoptic conditions

There is very high humidity over southern and western Nigeria. Inflowing moist air from over the gulf of Guinea and large scale meteorology (African Easterly Wave on the mid level African Easterly Jet: Green lines) have produced conditions favourable for convective storms across much of southern and western Nigeria.

Convective storms in their early stages have already been triggered across much of the highlighted region in particular along the southern Cameroon border and throughout central and western Nigeria. It is expected that some storms will grow rapidly over the next few hours and move south westward. Rapidly growing and merging systems have the potential to be high impact due to heavy rain and strong winds.



Region/Région
Nigeria
Date/Date
2021 03 06
Time/Temps
1700 UTC
Data/Données
SEVIRI 10.8 μ m NWCSAF - CRR NWCSAF - RDT
Nowcasting Risk
Be aware
Be Prepared
Take Action

Regional nowcast

Within the widespread regions of convective activity 3 regions of rapid intensification have become more clear.

System **A** in the northwest is still small but is growing quickly. System **B** is the most developed with a single cloud mass developing from merging of smaller systems. Its growth and movement suggest risk to Bauchi & Jos now and Abuja in 1-2 hours. System **C** is located on the close to the coast and is likely to produce heavy rain for Calabar, Uyo, Owerri and Port Harcourt.

Local timelines

Lagos		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Low risk	Be aware	Be Prepared	Take Action

Abuja		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Low risk	Be aware	Be Prepared	Take Action

Port Harcourt, Calabar, Uyo & Owerri		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Be Prepared	Take Action	Take Action	Take Action

Benin City		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Be aware	Be Prepared	Be Prepared	Take Action

Ibadan		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Low risk	Be aware	Be Prepared	Take Action

Jos & Bauchi		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1700 UTC	Be Prepared	Take Action	Take Action	Take Action

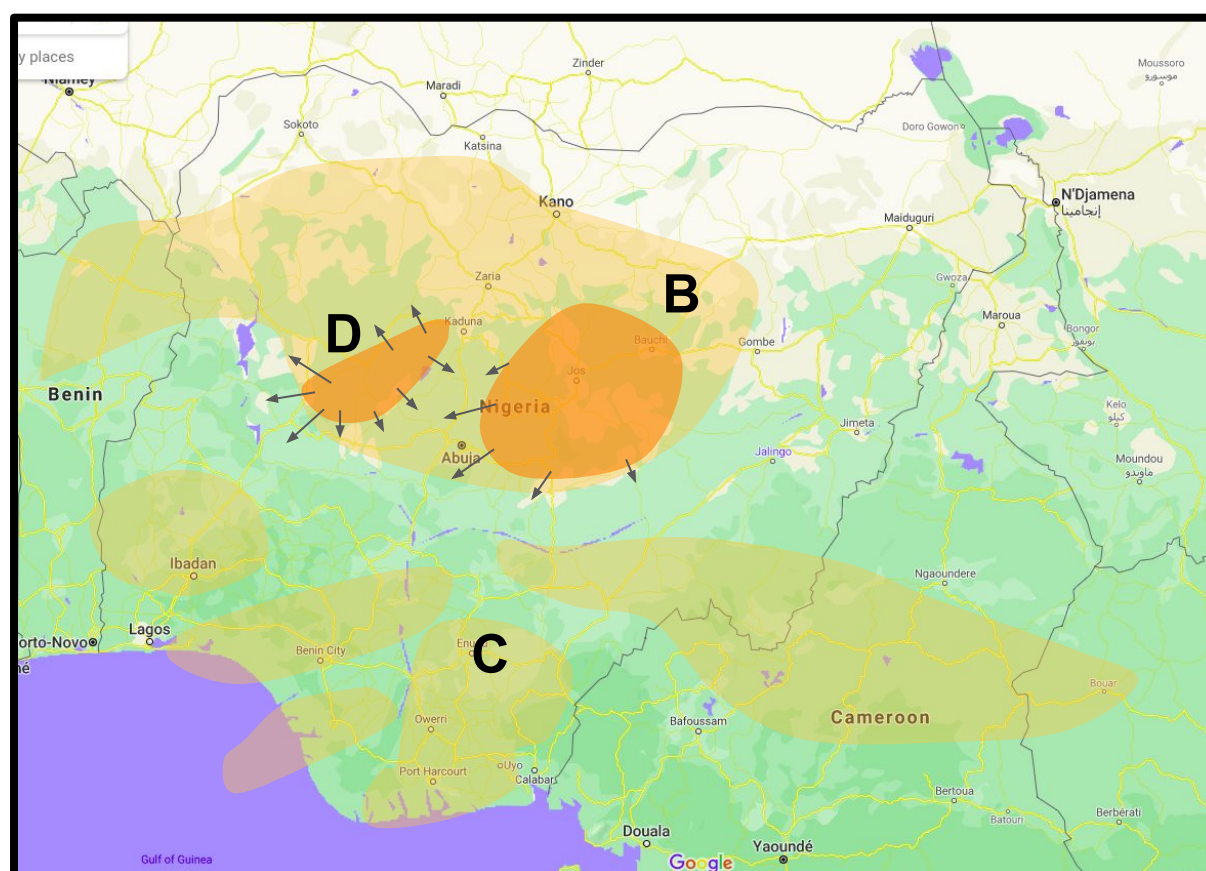
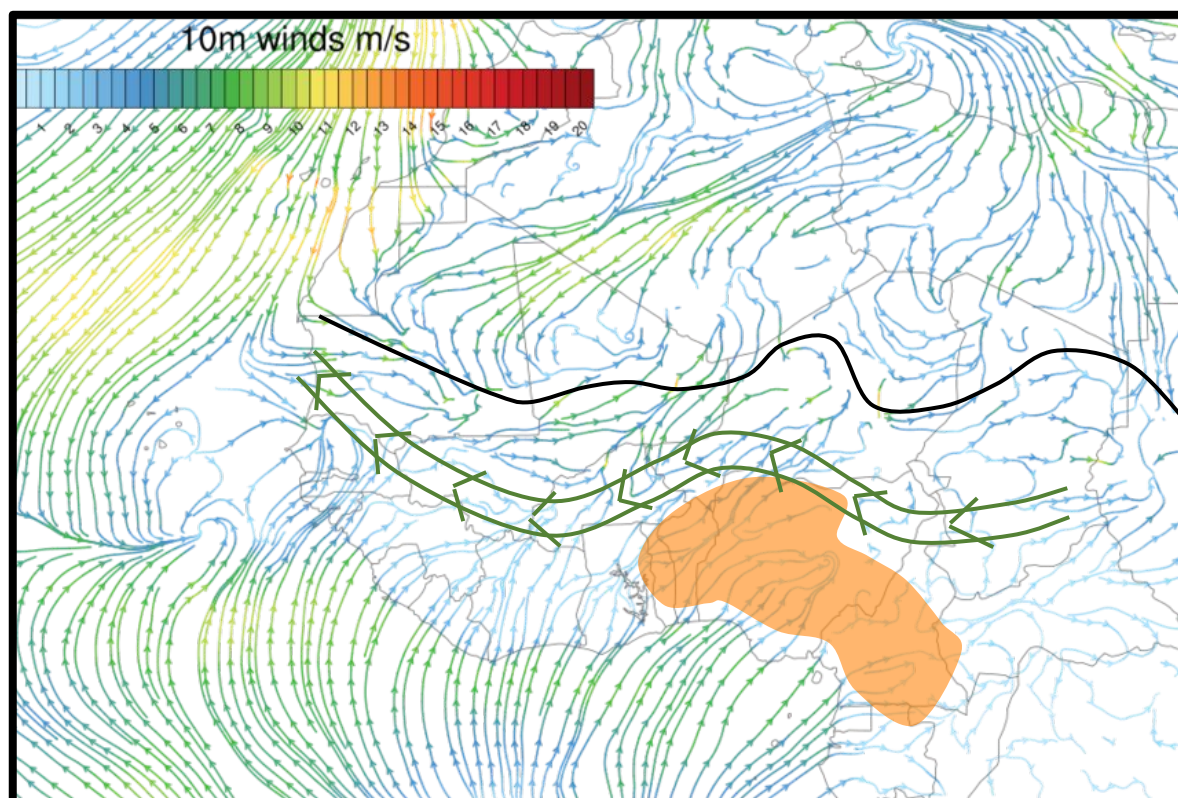
Likelihood	Very high	High	Medium	Low	Very low		
	Very high	Take Action	Take Action	Take Action	Be Prepared	Be aware	
High	Take Action	Take Action	Take Action	Be Prepared	Be aware		
Medium	Take Action	Take Action	Be Prepared	Be aware	Low risk		
Low	Take Action	Be Prepared	Be aware	Low risk	Low risk		
Very low	Take Action	Be aware	Low risk	Low risk	Low risk		
			Very low	Low	Medium	High	Very High
			Impact				

Take Action
Be Prepared
Be aware
Low risk

Synoptic conditions

There is very high humidity over southern and western Nigeria. Inflowing moist air from over the gulf of Guinea and large scale meteorology (African Easterly Wave on the mid level African Easterly Jet: Green lines) have produced conditions favourable for convective storms across much of southern and western Nigeria.

Convective storms in their early stages have already been triggered across much of the highlighted region. Development of storms has been strongest the south east of the country and northern central Nigeria. While storms are currently quite small favourable instability and shear suggest further growth, heavy rain, strong winds and westward (southwestward) propagation.



Region/Région
Nigeria
Date/Date
2021 03 06
Time/Temps
1900 UTC
Data/Données
SEVIRI 10.8 μm NWCSAF - CRR NWCSAF - RDT
Nowcasting Risk
Be aware
Be Prepared
Take Action

Regional nowcast

Of the regions of strong intensification previously noted one (A) has mostly dissipated and another has significantly weakened (C). System B has also fragmented somewhat but retains regions of rapid development.

Another small but fast growing region of storms (D) has developed that will potentially develop into a larger system. Widespread triggering of short lived convective storms continues across western, central and southern Nigeria and high rainfall accumulations in regions persistently affected could be high.

Local timelines

Lagos		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Low risk	Be Prepared	Be Prepared	Be Prepared

Abuja		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Be Prepared	Be Prepared	Be Prepared	Be Prepared

Port Harcourt, Calabar, Uyo & Owerri		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Be Prepared	Be Prepared	Be Prepared	Low risk

Benin City		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Be Prepared	Be Prepared	Be Prepared	Be Prepared

Ibadan		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Be Prepared	Be Prepared	Low risk	Low risk

Jos & Bauchi		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	1900 UTC	Be Prepared	Be Prepared	Be Prepared	Be Prepared

Nowcasting risk matrix						
Likelihood	Very high	Low risk	Be Prepared	Be Prepared	Take Action	
	High	Low risk	Be Prepared	Be Prepared	Take Action	
	Medium	Low risk	Be Prepared	Be Prepared	Take Action	
	Low	Low risk	Be Prepared	Be Prepared	Take Action	
	Very low	Low risk	Be Prepared	Be Prepared	Take Action	
		Very low	Low	Medium	High	Very High
		Impact				

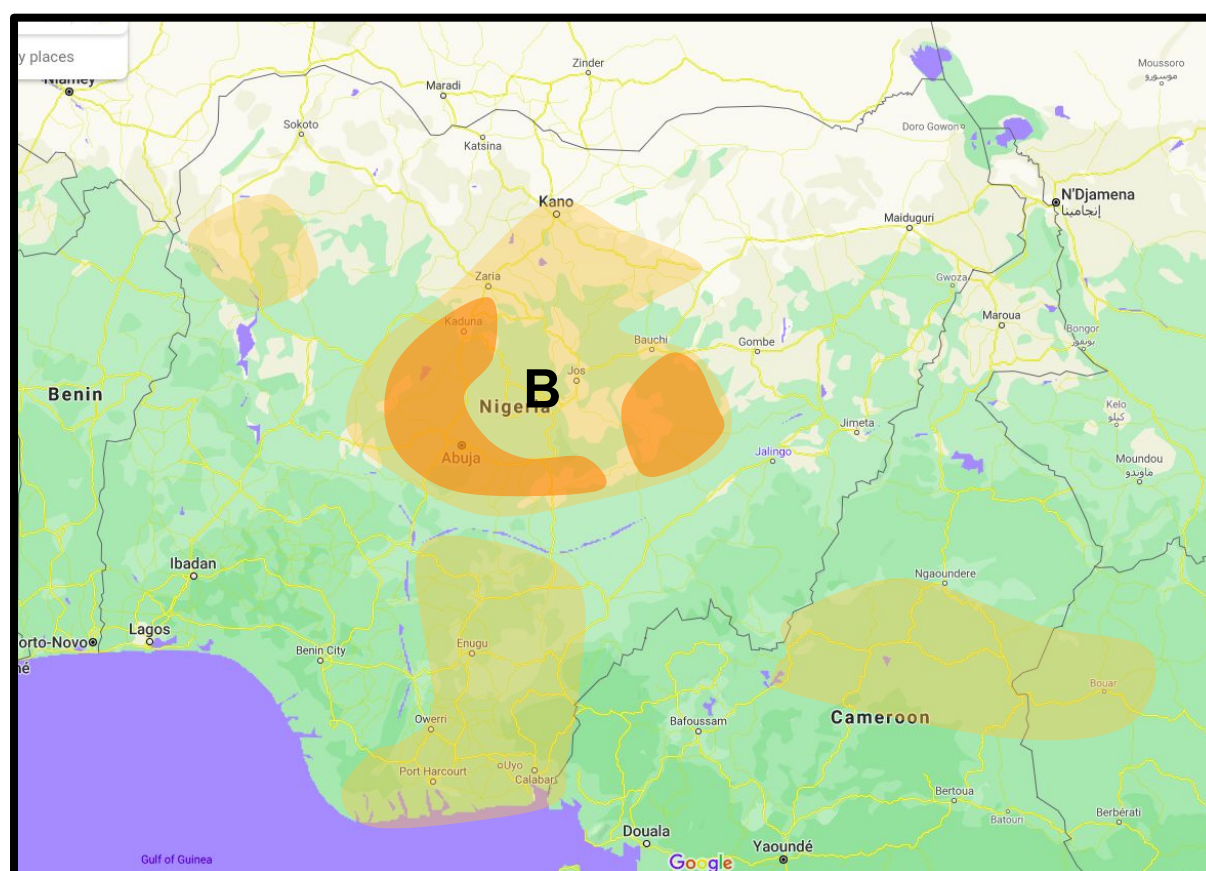
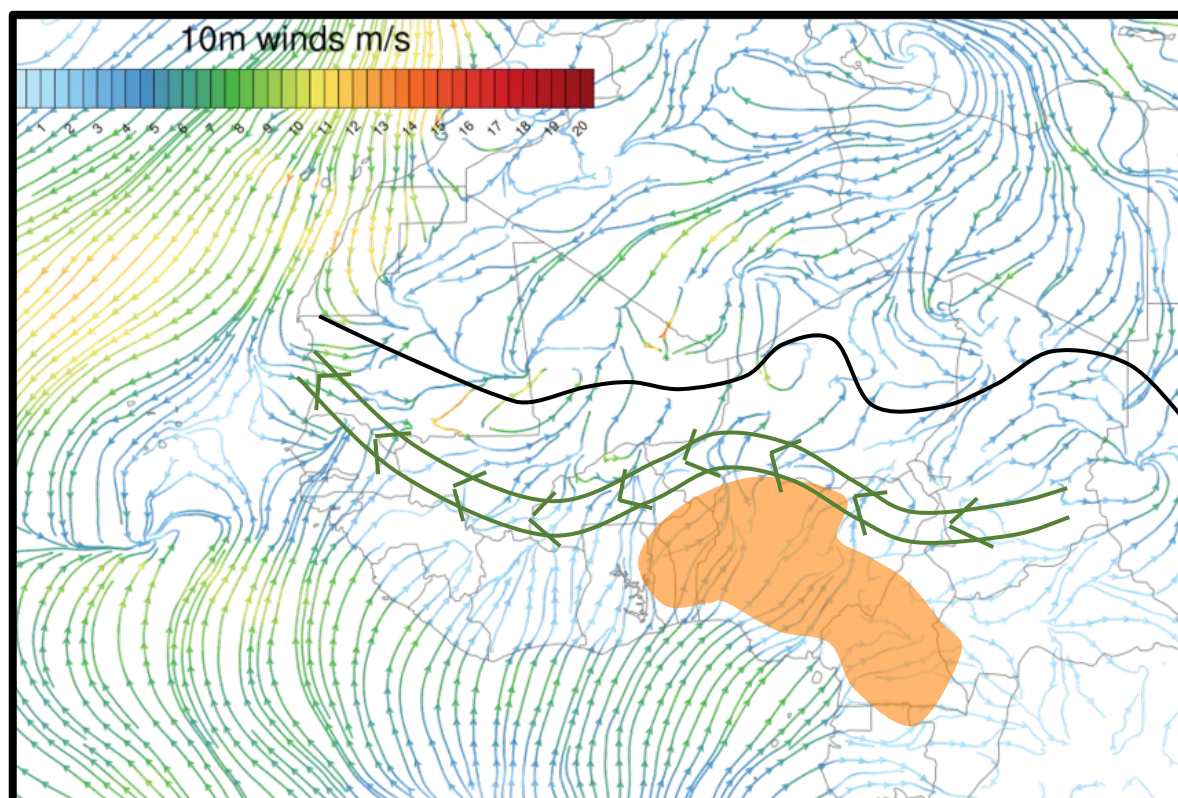
Take Action
Be Prepared
Be aware
Low risk

Synoptic conditions

There is very high humidity over southern and western Nigeria. Inflowing moist air from over the gulf of Guinea and large scale meteorology (African Easterly Wave on the mid level African Easterly Jet: Green lines) have produced conditions favourable for convective storms across much of southern and western Nigeria.

Convective storms in their early stages have already been triggered across much of the highlighted region. Continued repeated triggering of storms means that rainfall accumulations are likely to be high across western, central and southern parts

While storms are currently quite small favourable instability and shear suggest possible growth.



Region/Région

Nigeria

Date/Date

2021 03 06

Time/Temps

2100 UTC

Data/Données

SEVIRI 10.8 μm
NWCSAF - CRR
NWCSAF - RDT

Nowcasting Risk

Be aware

Be Prepared

Take Action

Regional nowcast

While the development of a single large convective system has not occurred repeated triggering of storms north and east of Abuja as part of system B and the movement of these storms south and west has produced persistent heavy rainfall over the city. The latest imagery indicates strong growth of cells on the eastern side of system B and possible followed by movement to the west (toward Abuja).

Similar but less intense rainfall has and is likely to continue to occur over the eastern coastal region affecting Port Harcourt and Calabar.

Local timelines

Lagos		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Low risk	Low risk	Low risk	Low risk

Abuja		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Be Prepared	Be Prepared	Be Prepared	Be Prepared

Port Harcourt, Calabar, Uyo & Owerri		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Be Prepared	Be Prepared	Be Prepared	Low risk

Benin City		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Low risk	Low risk	Low risk	Low risk

Ibadan		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Low risk	Low risk	Low risk	Low risk

Jos & Bauchi		Valid time			
		T	T+1hr	T+2hr	T+3hr
Issue time	2100 UTC	Be Prepared	Be Prepared	Be Prepared	Be Prepared

		Nowcasting risk matrix				
		Very high	High	Medium	Low	Very low
Likelihood	Very high	Very High	High	Medium	Low	Very low
	High	High	Medium	Low	Very low	Very low
	Medium	Medium	Low	Very low	Very low	Very low
	Low	Low	Very low	Very low	Very low	Very low
		Impact				
		Very low	Low	Medium	High	Very High

Take Action
Be Prepared
Be aware
Low risk