



Govt. of India / भारत सरकार
 Ministry of Earth Sciences / पृथ्वी विज्ञान मंत्रालय
 India Meteorological Department / भारत मौसम विज्ञान विभाग
 Regional Meteorological Centre / क्षेत्रीय मौसम केंद्र
 Guwahati – 781 015/ गुवाहाटी- ७८१०१५

Press Release

Dated: 30.03.2021

Sub: Pre-monsoon rainfall activity over North Eastern States during 30 March - 01 April 2021

Current Meteorological conditions

- A trough in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 90°E to the north of Lat. 22°N.
- A cyclonic circulation lies over west Assam and neighbourhood between 1.5 and 2.1 km above mean sea level.
- Under the influence of strong lower level southwesterlies from the Bay of Bengal, fairly widespread to widespread rainfall with thunderstorm/thundersquall/lightning and heavy to very heavy falls at isolated places are likely over Northeast India during 30 March- 01 April with maximum activity during 30 -31 March, 2021.

Forecast & Warnings for the next five days

- **Fairly widespread to widespread** rainfall activity is very likely during 30 March - 01 April in the North-eastern states.
- **Isolated heavy to very heavy falls** on 30 March and **isolated heavy falls** on 31 March are very likely over **south Assam, Meghalaya, Tripura, Manipur and Mizoram**. **Isolated heavy falls** are likely over Arunachal Pradesh on 31 March-01 April 2021.
- Met Sub-division wise detailed forecast and warnings for the next 5 days are as follows –

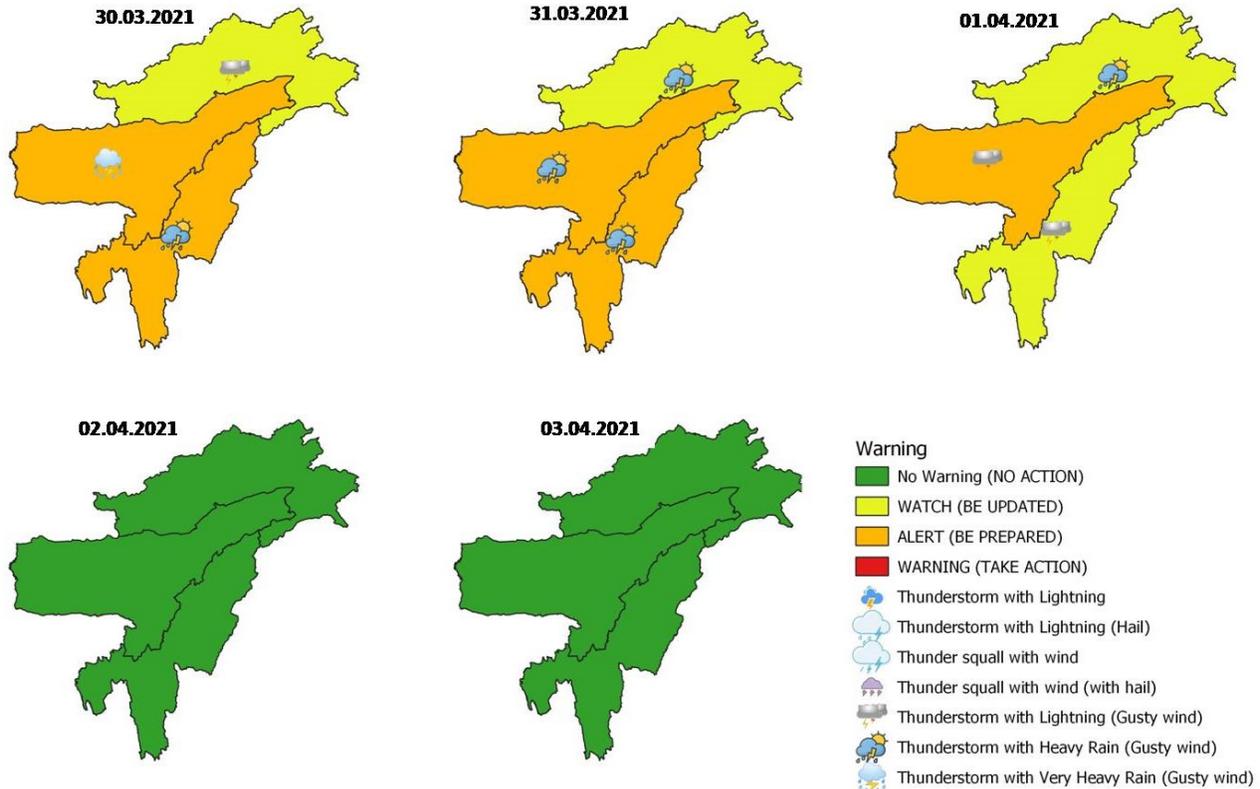
Met. Sub-Division	30.03.2020	31.03.2020	01.04.2020	02.04.2020	03.04.2020
Arunachal Pradesh	Rainfall at most places. Thunderstorms /lightning with gusty wind with wind speed 30-40 kmph at isolated places	Rainfall at most places with heavy rain at isolated places. Thunderstorms /lightning with gusty wind with wind speed 40-50 kmph at isolated places	Rainfall at most places with heavy rain at isolated places. Thunderstorms /lightning with gusty wind with wind speed 40-50 kmph at isolated places	Rainfall at a many places.	Rainfall at few places.
Assam & Meghalaya	Rainfall at most places with heavy to very heavy rain at isolated places. Thunder squalls with wind speed 50-60 kmph with hail at isolated places	Rainfall at most places with heavy rain at isolated places. Thunderstorms /lightning with gusty wind with wind speed 40-50 kmph with hail at isolated places	Rainfall at most places with heavy rain at isolated places. Thunderstorms /lightning with gusty wind with wind speed 40-50 kmph with hail at isolated places	Rainfall at a few places.	Rainfall at isolated places.
Nagaland, Manipur, Mizoram & Tripura	Rainfall at most places with heavy rain at isolated places. Thunder squalls with wind speed 50-60 kmph with hail at isolated places	Rainfall at most places with heavy rain at isolated places. Thunder storms with wind speed 40-50 kmph with hail at isolated places	Rainfall at a many places. Thunder storms with wind speed 40-50 kmph at isolated places	Rainfall at isolated places.	Rainfall at isolated places.

**Note: Forecast and warnings are valid till 0830 hrs IST of the next day

Legends: **Green: No warning** **Yellow: Be updated** **Orange- Be prepared** **Red- Take action**

Heavy Rain: 64.5-115.5 mm/day, **Very Heavy Rain:** 115.6-204.4 mm/day, **Extremely Heavy Rain:** >204.5mm/day
Spatial **Distribution:** **isolated rain** ($\leq 25\%$ of stations gets rain), **scattered or at a few places rain** (26 to 50% of stations gets rain), **at many places or fairly widespread rain** (51–75% of stations gets rain) and **at most places or widespread rain** ($>75\%$ of stations gets rain) **Probability of Occurrence (%):** **Unlikely:**<25%; **Likely:**25-50%; **Very Likely:**50-75%; **Most Likely:**> 75%.

Weather Warnings for Meteorological sub-divisions of Northeast region for the next five days



Impact expected and action suggested due to Thunderstorm, Lightning & Squall/Gusty winds over parts of Arunachal Pradesh, Assam & Meghalaya, and Nagaland, Manipur, Mizoram & Tripura during 30 March-01 April, 2021.

Impact expected:

- Strong winds may damage plantation, horticulture and standing crops.
- Strong winds may injure people and cattle at open places.
- Possibilities of damage to vulnerable structures due to temporary gusty winds.

Action suggested during the event:

- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.
- Farming operations may be suspended during the event.

Impact expected & action suggested due to heavy rainfall over Arunachal Pradesh, south Assam, Meghalaya, Mizoram and Tripura during 30 March-01 April, 2021.

Impact expected:

- Localized flooding of roads, water logging in low lying areas.
- Occasional reduction in visibility due to heavy rainfall/snowfall.
- Disruption of traffic due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides.

Action Suggested

- Check for traffic congestion on your route before starting your journey.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that often face water logging problems.
- Avoid staying in vulnerable structure.

For Detailed weather forecast & warnings, kindly visit RMC Guwahati website (<http://www.imdguwahati.gov.in>)

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Kindly download and use **"Mausam"** App for location specific forecast and warning, **"Meghdoot"** App for Agromet advisory, **"Damini"** App for Lightning warning.

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