



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: 12.08.2021

Sub: Update on Enhanced Monsoon rainfall activity over North Eastern States.

The Monsoon trough lies to the north of its normal position. Western end of the monsoon trough is very likely to remain north of its normal position during next 5 days. However, its Eastern end is likely to shift gradually southwards from 15th August onwards. A cyclonic circulation lies over west Bihar & neighbourhood at lower tropospheric levels. It is likely to persist during next 48 hours and become less marked thereafter. Strong lower level southwesterly winds from the Bay of Bengal to Northeast India is likely to continue during next 4 days.

Chief amount of Rainfall (≥ 5 cm) in last 24 hours ending at 0830 hrs IST of 12. 08. 2021: Arunachal Pradesh - Roing 7, Seppa 6, Passighat 5; Assam – N-Lakhimpur 6, Jorhat 6, Karimganj 6 ; Meghalaya - Sohra(RKM) 16, Sohra 12, Mawsynram 27, Nongstoin 11, Williamnagar 15, Mawphlang 8, Mawkrywat 14.

Forecast & Warnings for the next five days

Met. Sub-Division	12.08.2021	13.08.2021	14.08.2021	15.08.2021	16.08.2021
Arunachal Pradesh	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall at isolated places.	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall at isolated places.	Light to Moderate rain/thundershowers is very likely to occur at most places.	Light to Moderate rain/thundershowers is very likely to occur at many places
Assam & Meghalaya	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall with Extremely Heavy rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall with Extremely Heavy rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at many places
Nagaland, Manipur, Mizoram & Tripura	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at many places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at many 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%.

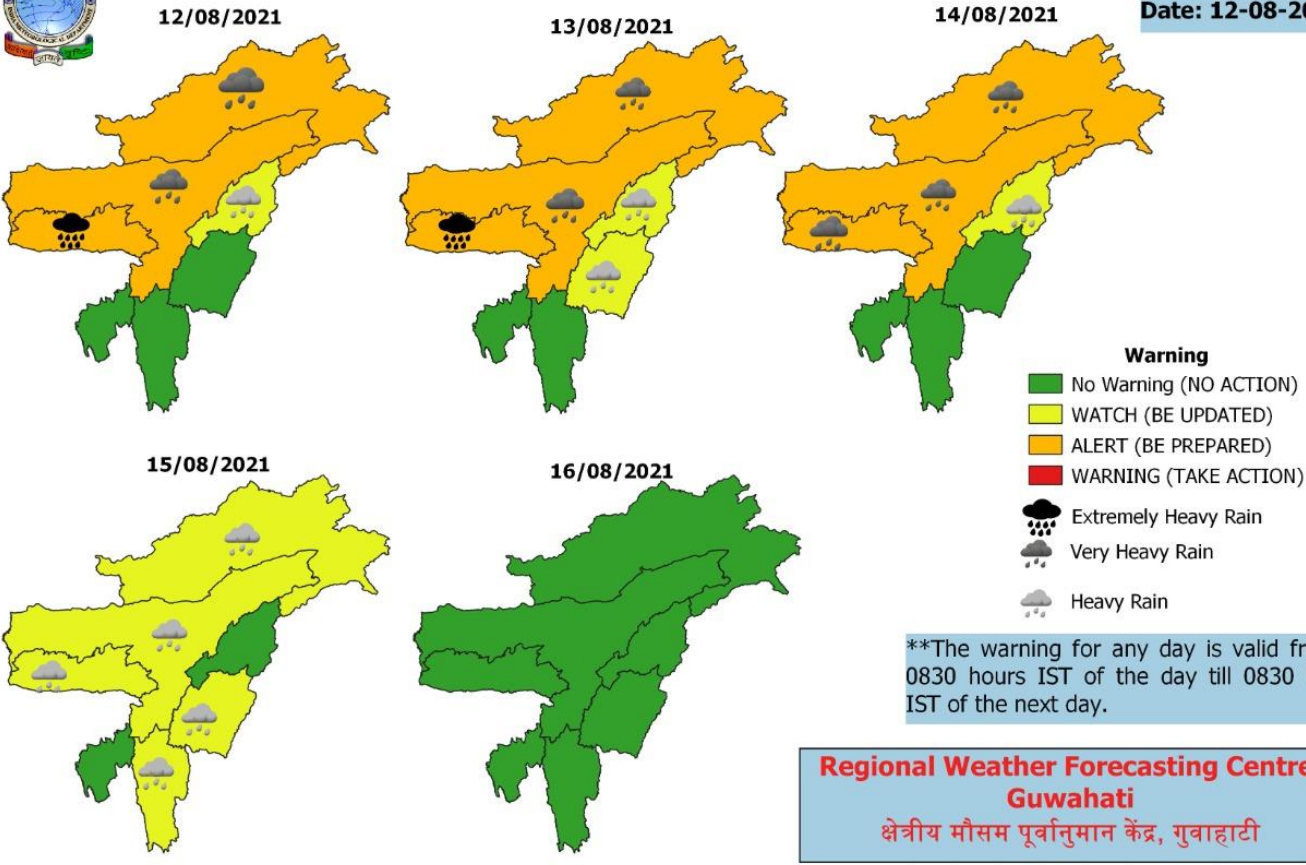
Weather Warnings for Meteorological sub-divisions of Northeast region for next five days



State-wise Warning Map of NE Region



Date: 12-08-2021



Impact expected & action suggested over Assam, Meghalaya, Nagaland and Arunachal Pradesh during 12-14 August 2021.

Impact expected:

- Localized flooding of roads, water logging in low lying areas of the above region.
- Localized Landslides/Landslips
- Rise in water level over North Bank Tributaries (such as Beki, Manas, Sankosh etc)
- Possibility of Flash floods over Arunachal Pradesh and West Assam
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic due to water logging/ landslides/Landslips in roads leading to increased travel time.
- Damage to kutchha roads due to very heavy rainfall.
- Possibilities of damage to vulnerable structure.

Action Suggested

- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face water logging/ Landslides/Land slips problem often.
- 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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