



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: 13.08.2021

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

The western end of the Monsoon trough lies close to the foothills of the Himalayas and Eastern end is near its normal position. The Western end of the monsoon trough is very likely to remain north of its normal position during next 4-5 days. A cyclonic circulation lies over north Bihar & neighbourhood at lower tropospheric levels. It is likely to persist during next 24 hours and become less marked thereafter. Strong lower level south westerly winds from the Bay of Bengal to Northeast India is likely to continue during next 3 days.

**Chief amount of Rainfall ( $\geq 5$  cm) in last 24 hours ending at 0830 hrs IST of 12. 08. 2021:** Arunachal Pradesh - Roing 9, Passighat 17; Assam – Basugaon 12, Bongaigaon 7, Kochugaon 12, Kokrajhar 10, Tinsukia 7, Gossaigaon 9, Chouldhowaghat 5; Meghalaya - Sohra(RKM) 18, Sohra 14, Mawsynram 22, Khliehriat 12, Nongstoin 7, Baghmara 12, Williamnagar 6, Jowai 5, Mawphlang 7, Mawkrywat 19.

### Forecast & Warnings for the next five days

Met. Sub-Division	13.08.2021	14.08.2021	15.08.2021	16.08.2021	17.08.2021
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 many places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at many 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 many 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 with Heavy Rainfall at isolated 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 many places	Light to Moderate rain/thundershowers is very likely to occur at many 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

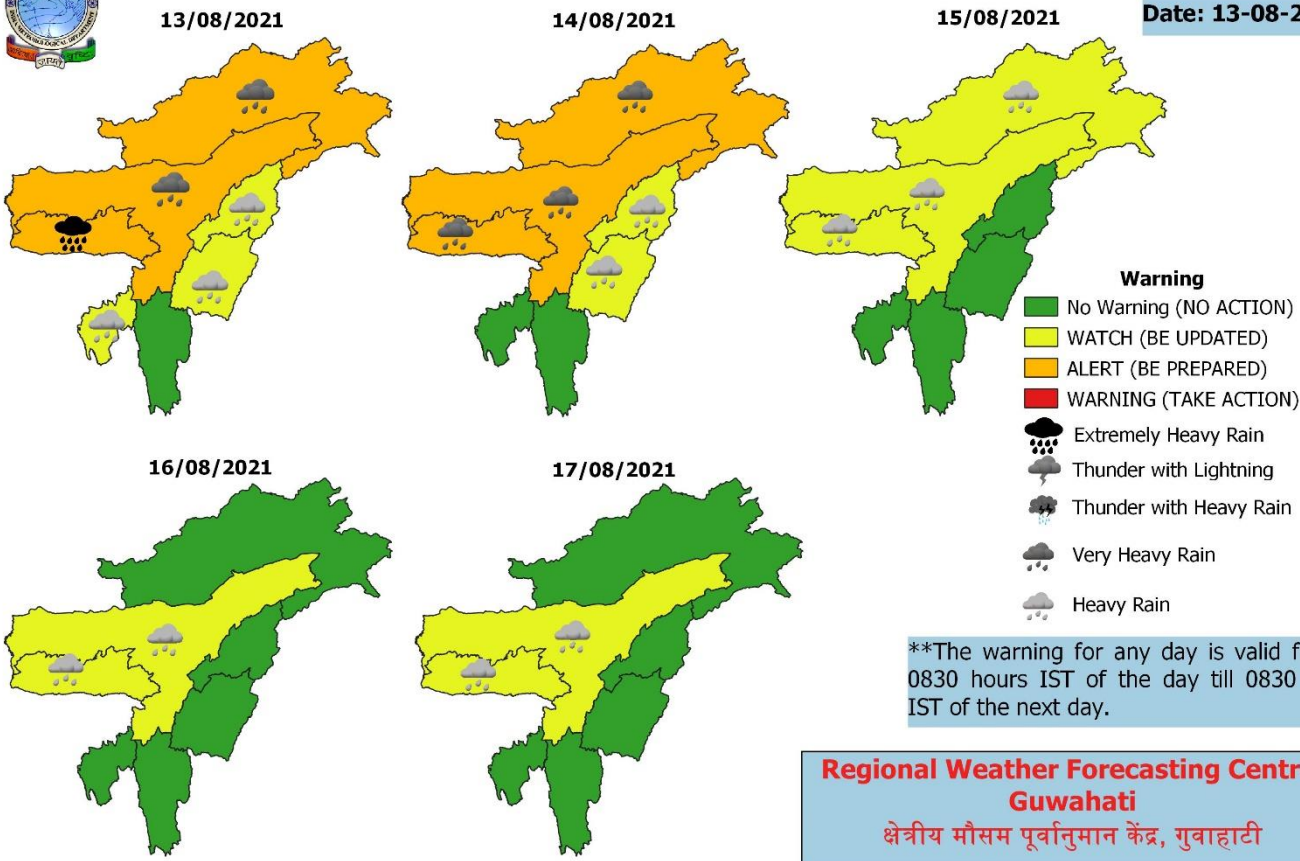
**Heavy Rain:** 64.5-115.5 mm/day, **Very Heavy Rain:** 115.6-204.4 mm/day, **Extremely Heavy Rain:** >204.5mm/day  
**Spatial Distribution:** isolated rain ( $\leq 25\%$  of stations gets rain), scattered or at a few places rain (26 to 50% of stations gets rain), at many places or fairly widespread 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%.



**State-wise Warning Map of NE Region**



Date: 13-08-2021



**Impact expected & action suggested over Assam, Meghalaya, and Arunachal Pradesh during 13-14 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 kutcha 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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