



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: 11.08.2021

### Sub: Update on Enhanced Monsoon rainfall activity over North Eastern States during 11-14 August 2021

Eastern end of the Monsoon Trough continues to run close to the foothills of the Himalayas while western end runs north of its normal position. A cyclonic circulation lies over Bihar and extends upto mid-tropospheric levels. Moisture incursion from Bay of Bengal is taking place over the region due to strong south westerly winds in the lower levels of the atmosphere. Under the influence of these systems: Current spell of Fairly widespread to widespread rainfall activity with isolated heavy to very heavy falls very likely to continue over northeast region during next 4-5 days. Isolated extremely heavy falls also likely over Assam & Meghalaya during 11th to 13th August.

**Chief amount of Rainfall (>= 5 cm) in last 24 hours ending at 0830 hrs IST of 11. 08. 2021: Arunachal Pradesh - Bhalukpong 8 ; Assam - Beki-Mathanguri 9, Panbari 5 Chouldhowaghat 5 ; Meghalaya - Khliehriat 19 Sohra(RKM) 12 Sohra 11 Baghmara 10 Mawsynram 10 Shella 8 Jowai 6 ; Tripura - Sabroom 12.**

### Forecast & Warnings for the next five days

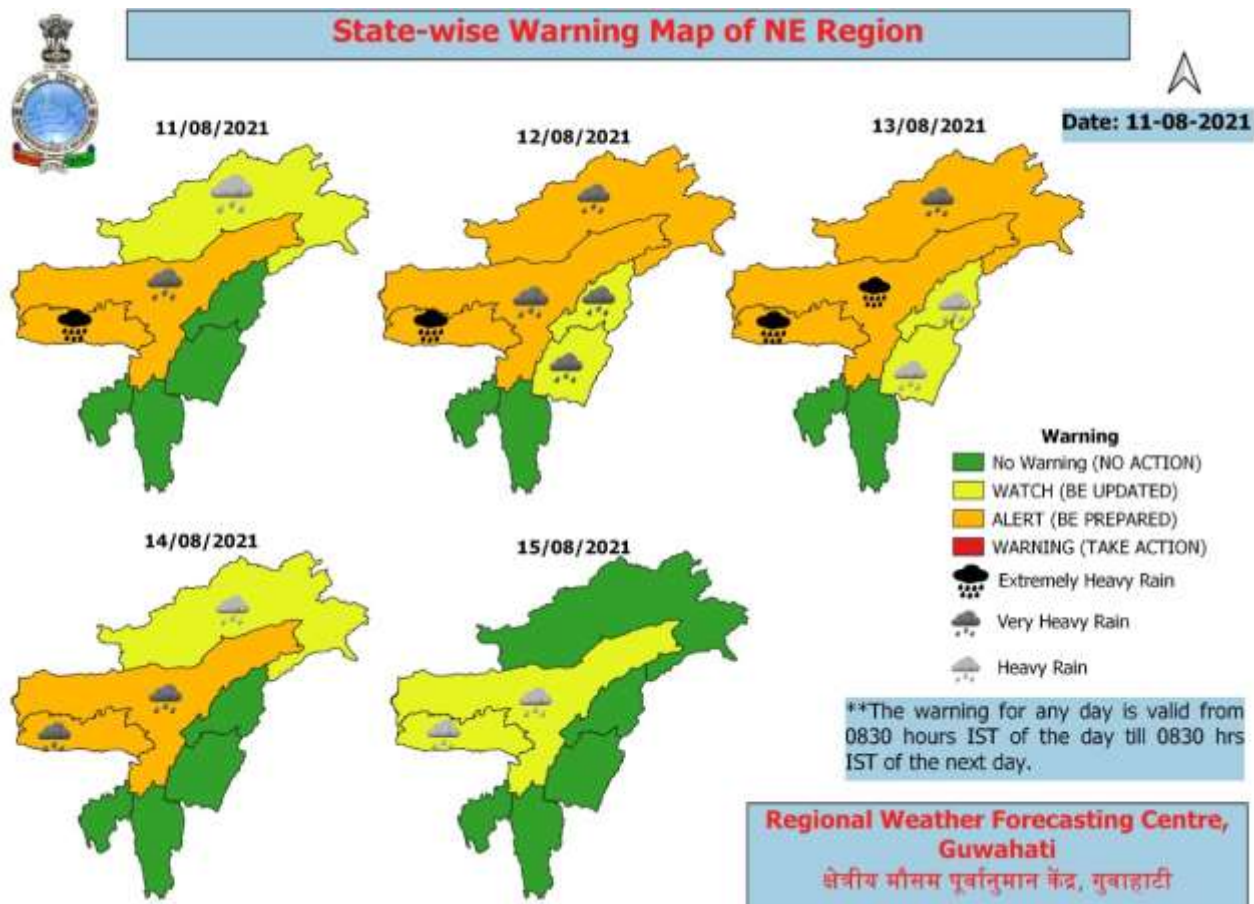
Met. Sub-Division	11.08.2021	12.08.2021	13.08.2021	14.08.2021	15.08.2021
Arunachal Pradesh	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy Rainfall at isolated places	Light to Moderate rain/thundershowers is very likely to occur at most places with Heavy to Very 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 Rainfall at isolated 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 many 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 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
Nagaland, Manipur, Mizoram & Tripura	Light to Moderate rain/thundershowers is very likely to occur at many 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 most 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



**Impact expected & action suggested over Assam, Meghalaya, Arunachal Pradesh during 11-14 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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