



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

Date: 22.08.2021

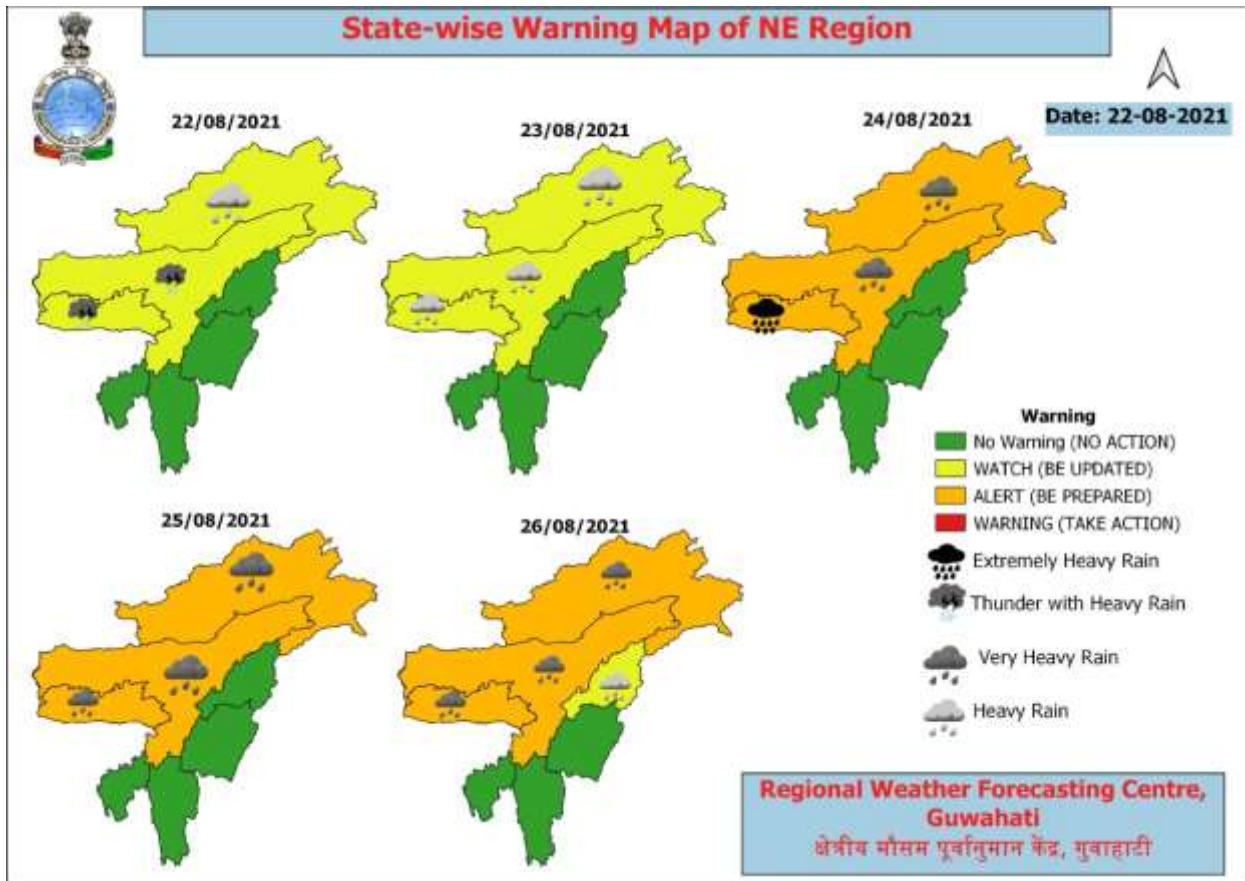
Sub: Enhanced Southwest Monsoon Rainfall over Northeast India during 22 – 26 August 2021

Current Meteorological Condition:

- The monsoon trough passes through Bikaner, Shivpuri, Sidhi, Patna, Balurghat and thence eastwards to Nagaland. The eastern end of the monsoon trough is likely to remain along the foot hills of the Himalayas for coming 3-4 days.
- **Mositure incursion from the Bay of Bengal likely to increase over Northeastern region due to strong southwesterly winds in the lower levels.**
- **Meteorological Sub-divisionwise Heavy Rainfall Warnings:-**

Met. Sub-division	Arunachal Pradesh	Assam & Meghalaya	Nagaland-Manipur-Mizoram& Tripura
22.8.2021	Light to moderate rainfall at many places with isolated heavy rainfall.	Light to moderate rainfall at many places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at many places.
23.8.2021	Light to moderate rainfall at many places with isolated heavy rainfall.	Light to moderate rainfall at many places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at many places.
24.8.2021	Light to moderate rainfall at most places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at most places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at many places.
25.8.2021	Light to moderate rainfall at most places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at most places with isolated heavy to very heavy with extremely falls at isolated places.	Light to moderate rainfall at most places.
26.8.2021	Light to moderate rainfall at most places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at most places with isolated heavy to very heavy rainfall.	Light to moderate rainfall at most places with isolated heavy rainfall.

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



Probable Impact

- Localized Flooding of roads, water logging in low lying areas
- Occasional reduction in visibility due to heavy rainfall.
- Localized landslide/landslips.
- Rise in water level in the north bank tributaries of the Brahmaputra.
- Localized interruption to some utilities and services.
- Damage to kutcha roads due to very heavy rainfall.
- Temporary blocked of roads due to landslides
- Damage to vulnerable structures

Action suggested

- Avoid going to areas that face water logging problem often
- Avoid staying in vulnerable structure
- Be updated

Legends:

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

Probability of Occurrence (%): Unlikely:<25%; Likely:25-50%; Very Likely:50-75%; Most Likely:> 75%.

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 (≤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)

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

Phone: 0361-2968241;Fax: 0361-2840238; e-mail: wsguwahati@gmail.com

+++++

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

+++++