



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 / प्रेस विज्ञप्ति

Dated: 27.06.2021

Sub: Enhanced Southwest monsoon rainfall activity over North Eastern States during 27June -01 July 21

Current Meteorological Conditions

- The trough at mean sea level from runs from northwest Uttar Pradesh to Northwest Bay of Bengal across East Uttar Pradesh, south Jharkhand and North Odisha.
- A cyclonic circulation lies over north Chhattisgarh & neighbourhood and extends upto 3.1 km above mean sea level.
- Another cyclonic circulation lies over Coastal Andhra Pradesh & neighbourhood and extends upto 4.5 km above mean sea level tilting southwards with height.

Forecast & Warnings

- Under the influence of strong moist southwesterly winds; fairly widespread to widespread rainfall very likely over northeastern states during next 4-5 days. Isolated heavy to very heavy rainfall very likely over Arunachal Pradesh on 27 & 28 June and isolated heavy rainfall on 29-30 June and 01 July. Assam & Meghalaya is very likely to receive isolated heavy to very heavy rainfall during 27 June to 01 July with isolated extremely heavy rainfall on 28-30 June. Over Nagaland, Manipur, Mizoram & Tripura, isolated heavy to very heavy rainfall is very likely on 30 June and 01 July; isolated heavy rainfall on 28 -29 June 2021.
- Detailed forecast and warnings for next 5 days as follows –

Met. Sub-Division	27.06.2021	28.06.2021	29.06.2021	30.06.2021	01.07.2021
Arunachal Pradesh	Light rain/thundershowers is very likely to occur at most places with heavy to very heavy rain at isolated places. Thunderstorms /lightning at isolated places	Light rain/thundershowers is very likely to occur at most places with heavy to very heavy rain at isolated places. Thunderstorms /lightning at isolated places	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy rain at isolated places.	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy rain at isolated places.	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy rain at isolated places.
Assam & Meghalaya	Light rain/thundershowers is very likely to occur at most places with isolated heavy to very heavy rainfall at isolated places. Thunderstorms /lightning at isolated places	Light rain/thundershowers is very likely to occur at most places. Isolated heavy to very heavy rain with isolated extremely falls at isolated places. Thunderstorms /lightning at isolated places	Light rain/thundershowers is very likely to occur at most places. Isolated heavy to very heavy rain with isolated extremely falls at isolated places. Thunderstorms /lightning at isolated places	Light rain/thundershowers is very likely to occur at most places. Isolated heavy to very heavy rain with isolated extremely falls at isolated places.	Light to Moderate rain/thundershowers is very likely to occur at most places with heavy to very heavy rain at isolated places.

Nagaland, Manipur, Mizoram & Tripura	Light rain/thundershowers is very likely to occur at many places. Thunderstorms /lightning at isolated places	Light to moderate rain/thundershowers is very likely to occur at many places <i>with heavy rainfall at isolated places.</i> Thunderstorms /lightning at isolated places	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy rain at isolated places.	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy to very heavy rain isolated places.	Light to Moderate rain /thundershowers is very likely to occur at most places with heavy to very heavy rain isolated places.
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****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%.

Probable Impact:

- Localized Flooding of roads, water logging in low lying areas
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in city areas due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Interruption to some utilities and services.
- Localized landslide/Mudslides.

Action Suggested:

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

For detailed weather forecast & warnings, kindly visit RMC Guwahati website (<http://www.imdguwahati.gov.in>)
 Phone: -0361-2968 241; Fax: 0361-2840243; e-mail: wsguwahati@gmail.com

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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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