



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

Date: 03.12.2021

Sub: Increase in Rainfall Activity over North Eastern States during 05-07 December 2021.

Current Meteorological Condition:

The Deep Depression over westcentral Bay of Bengal moved north-northwestwards with a speed of 25 kmph during past 06 hours, intensified further into Cyclonic Storm 'JAWAD' (Pronounced as JOWAD) and lay centered at 1130 hrs IST of today, the 3rd December 2021, over westcentral of Bengal near Lat. 14.5°N and Long. 85.5°E, about 420 km south-southeast of Vishakhapatnam (Andhra Pradesh), 530 km south-southeast of Gopalpur (Odisha) and 650 km south-southwest of Paradip (Odisha). It is likely to move northwestwards, intensify further and reach west-central Bay of Bengal off north Andhra Pradesh – south Odisha coasts by tomorrow, the 4th December morning. Thereafter it is likely to recurve north-northeastwards and move along Odisha coast reaching near Puri around 5th December noon. Subsequently it is likely to continue to move north-northeastwards along coastal Odisha towards West Bengal coast.

Due to the expected North-Northeastward movement of the system, North Eastern states may experience light to moderate rainfall at many places with Heavy to Very Heavy rainfall at isolated places during 05-06 December 2021.

Meteorological Sub-divisionwise Heavy Rainfall Warnings:-

| Met. Sub-division | Arunachal Pradesh | Assam & Meghalaya | Nagaland-Manipur-Mizoram & Tripura |
|-------------------|--|--|--|
| 03.12.2021 | Dry Weather | Dry Weather | Dry Weather |
| 04.12.2021 | Dry Weather | Light to moderate rainfall at isolated places. | Light to moderate rainfall at isolated places. |
| 05.12.2021 | Light to moderate rainfall at isolated places. | Light to moderate rainfall at many places with isolated heavy rainfall. Thunderstorm/ Lightning at Isolated Places | Light to moderate rainfall at many places with isolated heavy rainfall. Thunderstorm/ Lightning at Isolated Places |
| 06.12.2021 | Light to moderate rainfall at isolated places. | Light to moderate rainfall at most places with isolated heavy to very heavy rainfall. Thunderstorm/ Lightning at Isolated Places | Light to moderate rainfall at most places with isolated heavy to very heavy rainfall. Thunderstorm/ Lightning at Isolated Places |
| 07.12.2021 | Light to moderate rainfall at few places. | Light to moderate rainfall at few places. | Light to moderate rainfall at many places. |

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

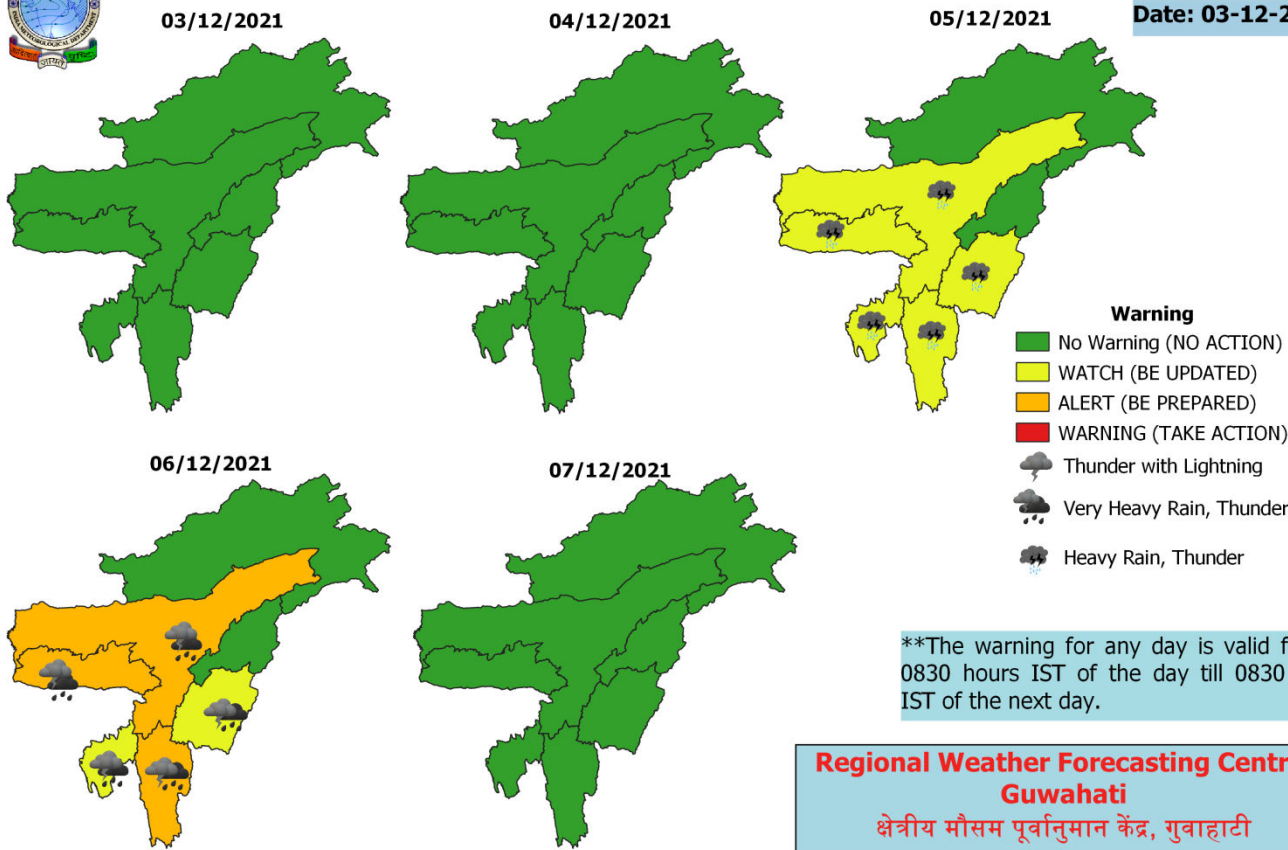
** Districtwise warning bulletins are attached



State-wise Warning Map of NE Region



Date: 03-12-2021



Probable Impact over Meghalaya, South Assam, Tripura, Mizoram and Manipur (on 6th Dec 2021)

- ✓ Occasional reduction in visibility due to heavy rainfall.
- ✓ Water logging in low lying areas.
- ✓ Temporary Disruption of traffic due to water logging in roads leading to increased travel time.
- ✓ Damage to kutcha roads due to Very Heavy rainfall.
- ✓ Possibilities of damage to vulnerable structures due to Very Heavy rainfall.
- ✓ Lightning may injure people and cattle at open place.

Action suggested

- Follow traffic advisories issued, if any.
- 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

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

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Districtwise Weather Warning

| State: | ASSAM | | Date: | December 3, 2021 | MID-DAY |
|------------------------|------------------|------------------|---|---|------------------|
| District | Day1 | Day2 | Day3 | Day4 | Day5 |
| | 03 December 2021 | 04 December 2021 | 05 December 2021 | 06 December 2021 | 07 December 2021 |
| West Assam | | | | | |
| DHUBRI | No Warning | No Warning | No Warning | No Warning | No Warning |
| SOUTH SALMARAMANKACHAR | No Warning | No Warning | No Warning | No Warning | No Warning |
| GOALPARA | No Warning | No Warning | No Warning | No Warning | No Warning |
| KOKRAJHAR | No Warning | No Warning | No Warning | No Warning | No Warning |
| CHIRANG | No Warning | No Warning | No Warning | No Warning | No Warning |
| BAKSA | No Warning | No Warning | No Warning | No Warning | No Warning |
| BARPETA | No Warning | No Warning | No Warning | No Warning | No Warning |
| BONGAIGAON | No Warning | No Warning | No Warning | No Warning | No Warning |
| NALBARI | No Warning | No Warning | No Warning | No Warning | No Warning |
| KAMRUP (RURAL) | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning | No Warning |
| KAMRUP (METRO) | No Warning | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning |
| Central Assam | | | | | |

| | | | | | |
|-------------------------|------------|------------|---|---|------------|
| DARRANG | No Warning | No Warning | No Warning | No Warning | No Warning |
| UDALGURI | No Warning | No Warning | No Warning | No Warning | No Warning |
| MORIGAON | No Warning | No Warning | No Warning | No Warning | No Warning |
| NAGAON | No Warning | No Warning | No Warning | No Warning | No Warning |
| HOJAI | No Warning | No Warning | No Warning | No Warning | No Warning |
| WEST KARBI ANGLONG | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | Thunderstorm with lightning very likely at isolated places. | No Warning |
| KARBI ANGLONG | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | Thunderstorm with lightning very likely at isolated places. | No Warning |
| GOLAGHAT | No Warning | No Warning | No Warning | No Warning | No Warning |
| SONITPUR | No Warning | No Warning | No Warning | No Warning | No Warning |
| BISHWANATH | No Warning | No Warning | No Warning | No Warning | No Warning |
| North-East Assam | | | | | |
| LAKHIMPUR | No Warning | No Warning | No Warning | No Warning | No Warning |
| DHEMAJI | No Warning | No Warning | No Warning | No Warning | No Warning |
| JORHAT | No Warning | No Warning | No Warning | No Warning | No Warning |

| | | | | | |
|--------------------|------------|------------|--|---|------------|
| MAJULI | No Warning | No Warning | No Warning | No Warning | No Warning |
| SIBSAGAR | No Warning | No Warning | No Warning | No Warning | No Warning |
| CHARAIDEO | No Warning | No Warning | No Warning | No Warning | No Warning |
| DIBRUGARH | No Warning | No Warning | No Warning | No Warning | No Warning |
| TINSUKIA | No Warning | No Warning | No Warning | No Warning | No Warning |
| South Assam | | | | | |
| DIMA HASAO | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| CACHAR | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| HAILAKANDI | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | Thunderstorm with lightning and very Heavy rainfall very likely at isolated places. | No Warning |
| KARIMGANJ | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and very Heavy rainfall very likely at isolated places. | No Warning |

****The warning for any day is valid from 0830 hours IST of the day till 0830 hrs IST of the next day**

| WARNING | Probabilistic Forecast | |
|------------------------|------------------------|------------------------------|
| | Terms | Probability of Occurrence(%) |
| WARNING (Take Action) | Unlikely | <25 |
| ALERT (Be prepared) | Likely | 25-50 |
| WATCH (Be Updated) | Very Likely | 50-75 |
| No Warning (No Action) | Most Likely | >75 |

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



Email: wsguwahati@gmail.com; Web Site: www.imdguwahati.gov.in; Phone: 0361- 2968241
For weather enquiry of any station in country: 1800220161 (Toll free)



| Districtwise Weather Warning | | | | | |
|------------------------------|------------------|------------------|--|--|------------------|
| State: | MANIPUR | | Date: | December 3, 2021 | |
| District | Day1 | Day2 | Day3 | Day4 | Day5 |
| | 03 December 2021 | 04 December 2021 | 05 December 2021 | 06 December 2021 | 07 December 2021 |
| NORTH MANIPUR | | | | | |
| TAMENGLONG | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning very likely at isolated places. | No Warning |
| SENAPATI | No Warning | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| KANAGPOKPI | No Warning | No Warning | No Warning | No Warning | No Warning |
| IMPHAL WEST | No Warning | No Warning | No Warning | No Warning | No Warning |
| IMPHAL EAST | No Warning | No Warning | No Warning | No Warning | No Warning |
| UKHRUL | No Warning | No Warning | No Warning | No Warning | No Warning |
| KAMJONG | No Warning | No Warning | No Warning | No Warning | No Warning |
| SOUTH MANIPUR | | | | | |
| JIRIBAM | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| NONEY | No Warning | No Warning | No Warning | No Warning | No Warning |

| | | | | | |
|---------------|------------|------------|--|--|------------|
| BISHNUPUR | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning | No Warning |
| THOUBAL | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning | No Warning |
| KAKCHING | No Warning | No Warning | No Warning | No Warning | No Warning |
| TENGNOPAL | No Warning | No Warning | No Warning | No Warning | No Warning |
| CHANDEL | No Warning | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning |
| CHURACHANDPUR | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| PERZAWL | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |

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|----------------|------------------|------------------|--|---|------------------|
| District | Day1 | Day2 | Day3 | Day4 | Day5 |
| | 03 December 2021 | 04 December 2021 | 05 December 2021 | 06 December 2021 | 07 December 2021 |
| MIZORAM | | | | | |
| MAMIT | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and very Heavy rainfall very likely at isolated places. | No Warning |
| KOLASIB | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and very Heavy rainfall very likely at isolated places. | No Warning |
| AIZAWL | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| CHAMPAI | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning | No Warning |
| SERCHHIP | No Warning | No Warning | No Warning | Thunderstorm with lightning and heavy rain very likely at isolated places. | No Warning |
| LUNGLEI | No Warning | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning |
| LAWNGTLAI | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning | No Warning |
| SAIHA | No Warning | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning |
| SAITUAL | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning | No Warning |
| KHAWZAWL | No Warning | No Warning | No Warning | No Warning | No Warning |
| HNAHTHIAL | No Warning | No Warning | Thunderstorm with lightning very likely at isolated places. | No Warning | No Warning |

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