



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: 19.09.2020

Sub: Enhanced Southwest monsoon rainfall activity over North Eastern States during 21-23 Sept' 20

Current Meteorological Conditions

- The western end of the monsoon trough continues to run close to the foothills of the Himalayas. The Eastern end of it now passes through Bareilly, Allahabad, Ambikapur, Jharsuguda, Chandbali and thence southeastwards to Eastcentral Bay of Bengal.
- A cyclonic circulation extending upto 2.1 km above mean sea level lies over north interior Odisha & neighbourhood.
- Strong Convergence of moist southwesterly/southerly winds from Bay of Bengal at lower tropospheric levels over northeast India from 21 September onwards.

Forecast & Warnings

- Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over Northeastern state during 21-23 September. Isolated extremely heavy falls also likely over Arunachal Pradesh and Assam & Meghalaya on 22nd.
- Detailed forecast and warnings for next 5 days as follows –

Met. Sub-Division	19.09.2020	20.09.2020	21.09.2020	22.09.2020	23.09.2020
Arunachal Pradesh	Light rain/thundershowers is very likely to occur at isolated places.	Light to moderate rain/thundershowers is very likely to occur at a few places	Light to Moderate 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 to very heavy rain with extremely heavy falls at isolated places. Thunderstorms /lightning 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. Thunderstorms /lightning at isolated places
Assam & Meghalaya	Light rain/thundershowers is very likely to occur at isolated places.	Light to moderate rain/thundershowers is very likely to occur at a few places	Light to Moderate 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 to very heavy rain with extremely heavy falls at isolated places. Thunderstorms /lightning 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. Thunderstorms /lightning at isolated places
Nagaland, Manipur, Mizoram & Tripura	Light rain/thundershowers is very likely to occur 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 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 to very heavy rain isolated places. Thunderstorms /lightning 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. Thunderstorms /lightning at isolated places

- Detailed District level warnings of Arunachal Pradesh, Assam, Nagaland, Manipur & Mizoram are attached below

**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** (≤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.
- Localized landslide/Mudslides.
- It may lead to riverine flooding in some river sub-catchments (for riverine flooding please visit website of Central Water Commission (<http://www.cwc.gov.in/>))

Action Suggested:

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

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

Phone: -0361-2840552; 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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Districtwise Weather Warning for Assam

State:	Assam		Date:	September 18, 2020		MID-DAY
District	Day1	Day2	Day3	Day4	Day5	
	18 September 2020	19 September 2020	20 September 2020	21 September 2020	22 September 2020	
West Assam						
DHUBRI	No Warning	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.	
SOUTH SALMARA-MANKACHAR	Thunderstorm with lightning very likely at isolated places.	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.	
GOALPARA	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	
KOKRAJHAR	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and extremely Heavy rainfall very likely at isolated places.	
CHIRANG	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and extremely Heavy rainfall very likely at isolated places.	
BAKSA	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and extremely Heavy rainfall very likely at isolated places.	
BARPETA	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and extremely Heavy rainfall very likely at isolated places.	
BONGAIGAON	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	
NALBARI	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and heavy rain very likely at isolated places.	
KAMRUP (RURAL)	No Warning	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.	
KAMRUP (METRO)	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.	
Central Assam						
DARRANG	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and heavy rain very likely at isolated places.	
UDALGURI	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.	

MORIGAON	No Warning	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.
NAGAON	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning
HOJAI	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning
WEST KARBI ANGLONG	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning
KARBI ANGLONG	Thunderstorm with lightning and heavy rain very likely at isolated places.	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.
GOLAGHAT	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning and heavy rain very likely at isolated places.
SONITPUR	No Warning	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.
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	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
CHARAIDEO	Thunderstorm with lightning very likely at isolated places.	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	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
CACHAR	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
HAILAKANDI	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning
KARIMGANJ	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning and heavy rain very likely at isolated places.

Districtwise Weather Warning for Nagaland					
State:	NAGALAND		Date:	September 18, 2020	
District	Day1	Day2	Day3	Day4	MID-DAY Day5
	18 September 2020	19 September 2020	20 September 2020	21 September 2020	22 September 2020
NAGALAND					
PAREN	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
DIMAPUR	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
KOHIMA	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
PHEK	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning
WOKHA	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
ZUNHEBOTO	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
KEPHIRE	Thunderstorm with lightning very likely at isolated places.	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.
MOKOKCHUNG	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.

TUENSANG	Thunderstorm with lightning and heavy rain very likely at isolated places.	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.
MON	No Warning	No Warning	No Warning	No Warning	No Warning
LONGLENG	No Warning	No Warning	No Warning	No Warning	No Warning

Districtwise Weather Warning for Manipur

State:	MANIPUR		Date:	September 18, 2020	MID-DAY
District	Day1	Day2	Day3	Day4	Day5
	18 September 2020	19 September 2020	20 September 2020	21 September 2020	22 September 2020

NORTH MANIPUR

TAMENGLONG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning
SENAPATI	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
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	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
KAMJONG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.

SOUTH MANIPUR

JIRIBAM	No Warning	No Warning	No Warning	No Warning	No Warning
NONEY	No Warning	No Warning	No Warning	No Warning	No Warning
BISHNUPUR	No Warning	No Warning	No Warning	No Warning	No Warning

THOUBAL	No Warning	No Warning	No Warning	No Warning	No Warning
KAKCHING	No Warning	No Warning	No Warning	No Warning	No Warning
TENGNOUNPAL	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.
CHANDEL	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
CHURACHANDPUR	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning
PHERZAWL	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning

Districtwise Weather Warning for Mizoram					
State:	MIZORAM		Date:	September 18, 2020	
District	Day1	Day2	Day3	Day4	Day5
	18 September 2020	19 September 2020	20 September 2020	21 September 2020	22 September 2020
MIZORAM					
MAMIT	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
KOLASIB	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
AIZWAL	No Warning	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning very likely at isolated places.
CHAMPAI	No Warning	No Warning	No Warning	No Warning	No Warning
SERCHHIP	No Warning	No Warning	No Warning	No Warning	No Warning
LUNGLEI	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	No Warning	No Warning
LAWNGTLAI	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning
SAIHA	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	No Warning

Districtwise Weather Warning for Arunachal Pradesh

State:	ARUNACHAL PRADESH		Date:	September 18, 2020	MID-DAY
District	Day1	Day2	Day3	Day4	Day5
	18 September 2020	19 September 2020	20 September 2020	21 September 2020	22 September 2020
WEST ARUNACHAL PRADESH					
TAWANG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning very likely at isolated places.	Thunderstorm with lightning and heavy rain very likely at isolated places.
WEST KAMENG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.
EAST KAMENG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.
KURUNG KUMEY	No Warning	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.
KRA DAADI	No Warning	No Warning	No Warning	No Warning	No Warning
UPPER SUBANSIRI	No Warning	No Warning	No Warning	No Warning	No Warning
LOWER SUBANSIRI	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.
PAPUMPARE	No Warning	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.
WEST SIANG	No Warning	No Warning	No Warning	No Warning	No Warning
SIANG	No Warning	No Warning	No Warning	No Warning	No Warning
UPPER SIANG	No Warning	No Warning	No Warning	No Warning	No Warning
EAST ARUNACHAL PRADESH					
EAST SIANG	Thunderstorm with lightning very likely at isolated places.	No Warning	No Warning	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.	Thunderstorm with lightning and very Heavy rainfall very likely at isolated places.
LOWER SIANG	No Warning	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.

LOWER DIBANG VALLEY	No Warning	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.
DIBANG VALLEY	No Warning	No Warning	No Warning	No Warning	No Warning
ANJAW	Thunderstorm with lightning very likely at isolated places.	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.
LOHIT	No Warning	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.
NAMSAI	No Warning	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.
CHANGLANG	No Warning	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.
TIRAP	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain very likely at isolated places.	No Warning
LONGDING	No Warning	No Warning	No Warning	Thunderstorm with lightning and heavy rain 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: 0361-2840552;
For weather enquiry of any station in country: 1800220161 (Toll free)**