



भारत सरकार Government of India  
पृथ्वी विज्ञान मंत्रालय Ministry of Earth Sciences  
भारत मौसम विज्ञान विभाग India Meteorological Department  
मौसम विज्ञान केन्द्र Meteorological Centre  
शिलांग, मेघालय - ७९३००५ Shillong, Meghalaya – 793005



## दैनिक मौसम प्रतिवेदन - मेघालय Daily Weather Report - Meghalaya

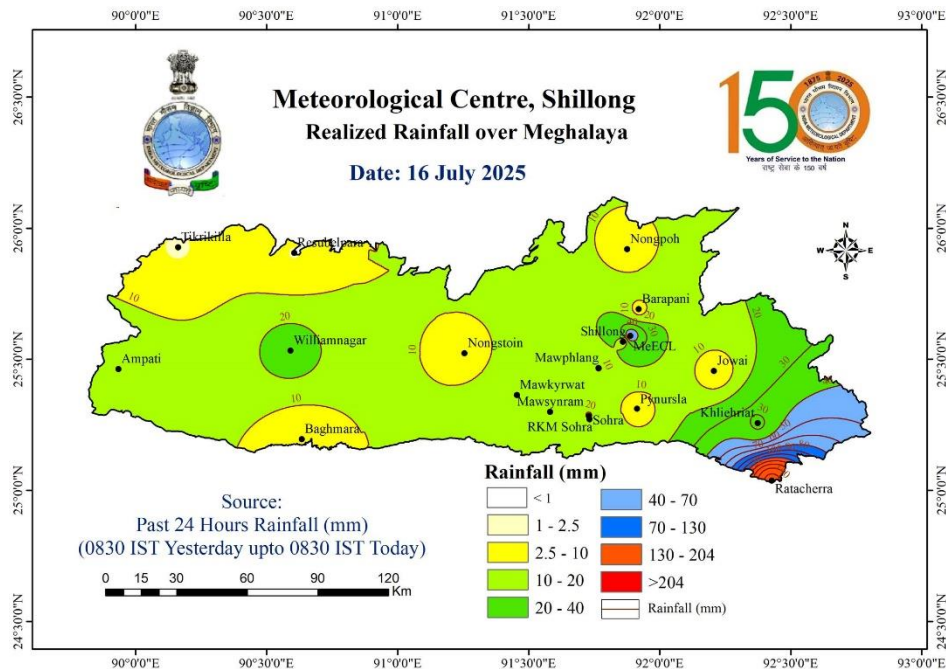
Issue Dt. 16-07-2025

### मौसम संबंधी विशेषताएं | METEOROLOGICAL FEATURES:

- The **monsoon trough** at mean sea level now passes through centre of **well marked low Pressure area** over northwest Rajasthan & neighbourhood, Gwalior, center of **well marked low Pressure area** over southwest Bihar and adjoining east Uttar Pradesh, Purulia, Contai and thence southeastwards of northeast Bay of Bengal.

### मेघालय के मौसम सारांश | MEGHALAYA WEATHER SUMMARY (PAST 24 HOURS):

अवलोकन   OBSERVATIONS						
वेधशाला STATION NAME	अधिकतम तापमान MAXIMUM TEMPERATURE (°C)		न्यूनतम तापमान MINIMUM TEMPERATURE (°C)		सापेक्षक आर्द्रता RELATIVE HUMIDITY (%) at 08:30 IST	वर्षा RAINFALL (mm) 24 Hrs. Ending at 08:30 IST
	Yesterday's Maximum Temperature	Departure From Normal	Today's Minimum Temperature	Departure From Normal		
शिलांग SHILLONG	25.5	+1.2	18.5	0.6	96	15.0
सोहरा SOHRA	24.1	+1.3	19.0	1.0	96	7.0
बारापानी BARAPANI	29.6	+0.7	22.2	1.2	97	7.4



## मौसम पूर्वानुमान और चेतावनी | WEATHER FORECAST AND WARNING:

तारीख DATE	पूर्वानुमान FORECAST	चेतावनी WARNING
16.07.2025	Moderate RA/TS likely at many places.	Thunderstorm/Lightning is likely at isolated places
17.07.2025	Moderate RA/TS likely at many places.	Thunderstorm/Lightning is likely at isolated places
18.07.2025	Moderate RA/TS likely at most places.	Thunderstorm/Lightning is likely at isolated places
19.07.2025	Moderate RA/TS likely at most places.	Heavy rainfall is likely at isolated places.
20.07.2025	Moderate RA/TS likely at many places.	Heavy rainfall is likely at isolated places.

District wise Forecast enclosed as Annexure-I and Warning map: enclosed as Annexure-II

### Legends

Weather Distribution		Probabilistic Forecast		Legend for Weather	
DRY	No Rain	Terms	Probability of Occurrence (%)	Terms	Description
ISOL	One/Two places (01-25%)	Unlikely	<25	RA	Rain
SCT	Few places (26-50%)	Likely	25-50	TS	Thundershower
FWS	Many places (51-75%)	Very Likely	50-75	SFG	Shallow Fog
WS	Most places (76-100%)	Most Likely	>75	MFG	Moderate Fog

Warning	No Warning (No Action)	WATCH (Be Aware)	ALERT (Be prepared To Take Action)	WARNING (Take Action)
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The Forecast and Warning for any day are valid from 0830 hours IST of the day till 0830 hrs IST of the next day.



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## तूफान चेतावनी | THUNDERSTORM/ LIGHTNING AND HEAVY RAINFALL WARNING

(Graphics enclosed as Annexure II):

### Day-1: 16.07.2025

- **Thunderstorm/Lightning** is likely to occur at many places over Meghalaya.

### Day-2: 17.06.2025

- **Thunderstorm/Lightning** is likely to occur at many places over Meghalaya.

### Day-3: 18.07.2025

- **Thunderstorm/Lightning** is likely to occur at many places over Meghalaya.

### Day-4: 19.07.2025

- **Heavy Rainfall** is likely to occur at isolated places over North Garo Hills, East Garo Hills, West Garo Hills and South West Garo Hills Districts.

### Day-5: 20.07.2025

- **Heavy Rainfall** is likely to occur at isolated places over East Khasi Hills, South West Khasi Hills, Eastern West Khasi Hills and West Jaintia Hills Districts.



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## संभावित प्रभाव | PROBABLE IMPACTS:

- Widespread and severe water logging/ flooding in most parts of low lying area and also on river banks.
- Major disruption of traffic flow.
- Major roads/airport and travel routes severely affected.
- Long term disruption to municipal services (water, electricity, etc.)
- Possibility of danger to old and unmaintained structures, falling of trees etc
- Possibility of inundation of low lying areas river banks
- Closure of roads crossing low water bridges
- Possible blockage and flooding of quarry and mining areas.
- Reduced visibility due to intense spell of rainfall
- Possibility of flash floods due to intense spell of rainfall.
- Possibility of damages to vulnerable structures/roads due to Very Heavy to Extremely heavy rainfall and Landslides.
- Heavy rainfall may damage standing crops and the crop in the maturity stage.
- Temporary disruption to the communication and power etc.

## सुझाव | ACTION SUGGESTED:

- Traffic may be regulated effectively
- People in the affected area may restrict their movement
- Avoid low lying water logging areas
- Avoid travelling to landslide prone areas
- Avoid crossing rivers without safe bridges
- Avoid river banks and mud flow areas
- School and Colleges in low lying areas prone to flash floods may be affected.
- Mining areas and quarries are advised to cease operation during the intense rainfall period.
- Follow latest weather warning, SDMA and NDMA CAP.



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## शिलाँग और आसपास क लिए स्थानीय पूर्वानुमान | LOCAL FORECAST FOR SHILLONG & NEIGHBOURHOOD:

PARAMETERS	CURRENT WEATHER	NOWCAST (Valid for next 3 Hrs)
Rainfall	0.2 mm	Light Rain
Temperature	23.4°C	23-26 °C
Sky Conditions	Generally cloudy sky	Generally cloudy sky
Surface Wind	Calm	Calm
Visibility	2000 m	1500-2500 m

Weather Outlook For The Upcoming Days				
DATE	MIN °C	MAX °C	FORECAST	WARNING
16.07.2025	17.0-19.0	23.0-26.0	Generally cloudy sky with moderate rain at many places.	Thunderstorm/Lightning is likely at isolated places.
17.07.2025	17.0-19.0	23.0-26.0	Generally cloudy sky with moderate rain at many places.	Thunderstorm/Lightning is likely at isolated places.
18.07.2025	17.0-19.0	24.0-26.0	Generally cloudy sky with moderate rain at most places.	Thunderstorm/Lightning is likely at isolated places.
19.07.2025	17.0-19.0	24.0-26.0	Generally cloudy sky with moderate rain at most places.	Heavy rainfall is likely at isolated places.
20.07.2025	17.0-19.0	24.0-26.0	Generally cloudy sky with moderate rain at many places.	Heavy rainfall is likely at isolated places.
21.07.2025	17.0-19.0	24.0-26.0	Generally cloudy sky with moderate rain at many places.	Heavy rainfall is likely at isolated places.
22.07.2025	17.0-19.0	24.0-26.0	Generally cloudy sky with moderate rain at many places.	Heavy rainfall is likely at isolated places.



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## Weather Forecast Map of Meghalaya

Issue Date : 16.07.2025

**DAY 1 :**  
16.07.2025



**DAY 2 :**  
17.07.2025



**DAY 3 :**  
18.07.2025



**DAY 4 :**  
19.07.2025



**DAY 5 :**  
20.07.2025



**DAY 6 :**  
21.07.2025



**DAY 7 :**  
22.07.2025



Probabilistic Forecast

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

% STATIONS	Category
76-100	Widespread (WS/Most Places)
51-75	Fairly Widespread (FWS/Many Places)
26-50	Scattered (SCT/a Few Places)
1-25	Isolated (ISOL)
DRY	



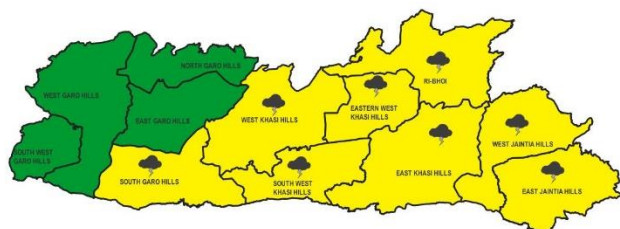
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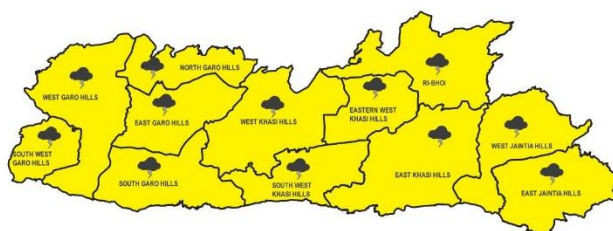
## Weather Warning Map of Meghalaya

Issue Date : 16.07.2025

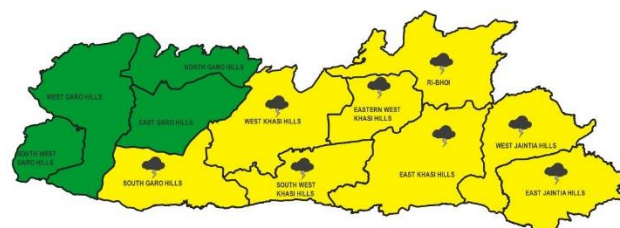
**DAY 1 : 16.07.2025**



**DAY 2 : 17.07.2025**



**DAY 3 : 18.07.2025**



**DAY 4 : 19.07.2025**



**DAY 5 : 20.07.2025**



### WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT (BE PREPARED TO TAKE ACTION)</b>
<b>WATCH (BE AWARE)</b>
<b>NO WARNING (NO ACTION)</b>

INTENSITY	RAINFALL (mm)
Heavy Rain	64.5 to 115.5
Very Heavy Rain	115.6 to 204.4
Extremely Heavy rain	>204.4

Probabilistic Forecast	
Terms	Probability of Occurrence(%)
Unlikely	<25
Likely	25-50
Very likely	50-75
Most likely	>75

### LEGENDS:

**DAY 1**



Thunderstorm/Lightning

**DAY 4**



Heavy Rainfall

**DAY 2**



Thunderstorm/Lightning

**DAY 5**



Heavy Rainfall

**DAY 3**

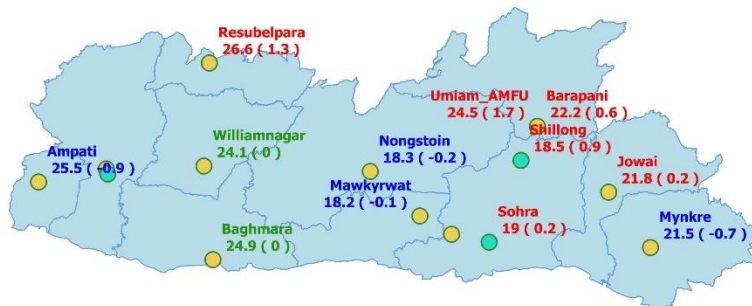


Thunderstorm/Lightning



Meteorological Centre, Shillong  
मौसम विज्ञान केंद्र, शिलांग  
Minimum Temperatures over Meghalaya

Date : 16/07/2025



● AWS  
● Manual

Legend

Lowest Temperature recorded (\*from available stations)  
= 18.2°C at Mawkyrwat.

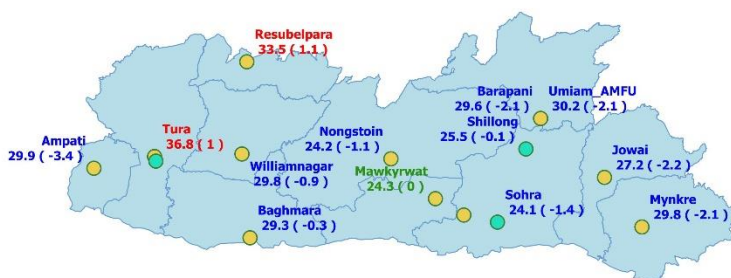
Station name  
Minimum Temperature (°C) (24 Hour  
Change (°C))

Blue Color = Fall in Temperature  
Red Color = Rise in Temperature  
Green Color = No Change



Meteorological Centre, Shillong  
मौसम विज्ञान केंद्र, शिलांग  
Maximum Temperatures over Meghalaya

Date: 15/07/2025



● AWS  
● Manual

Legend

Highest Temperature recorded (\*from available stations)  
= 36.8°C at Tura.

Station name  
Maximum Temperature (°C) (24 Hour  
Change (°C))

Blue Color = Fall in Temperature  
Red Color = Rise in Temperature  
Green Color = No Change

For Detailed weather forecasts & warnings, kindly visit MC Shillong website <https://mausam.imd.gov.in/shillong>

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