



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date: 01st September, 2023
Time of Issue: 1330 hours IST**

**Subject: (i) Increase in rainfall activity over East & eastcentral India from 02nd September, 2023.
(ii) Isolated heavy rainfall likely over Kerala and Andaman & Nicobar Islands during next 5 days; and Andhra Pradesh and Telangana during 3rd to 5th September, 2023.
(iii) Subdued rainfall activity likely over remaining parts of the country during next 5 days.**

Weather observed during past 24 hours ending at 0830 hours IST of today (Annexure I):

Significant Weather features:

- The **Monsoon Trough** at mean sea level continues to run along the foothills of the Himalayas.
- A cyclonic circulation over Northeast Bay of Bengal & neighbourhood extending upto middle tropospheric level.
- A trough runs from Interior Karnataka to Comorin area in lower tropospheric levels.
- A cyclonic circulation likely to form over North Bay of Bengal around 03rd September 2023. Under its influence a low pressure area is likely to form over same area during subsequent 48 hours.

Weather Forecast and Warnings: (Annexure II)

Northeast India: Light/moderate scattered to fairly widespread rainfall with isolated **heavy rainfall** activity very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 01st-03rd September.

East India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over Andaman & Nicobar Islands during next 05 days; **Gangetic West Bengal on 03rd** and over **Odisha during 02nd - 05th September.**

Central India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over **Vidarbha and Chhattisgarh during 03rd - 05th September.**

South India: Light/moderate scattered rainfall with isolated **heavy rainfall** very likely over Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka on 01st & 02nd September; North Interior Karnataka on 03rd & 04th and over Kerala **during 01st - 05th September**, over Rayalaseema on 03rd & 04th; over Coastal Andhra Pradesh and Telangana **during 03rd - 05th September.**

Subdued rainfall activity likely over rest parts of the country during next 5 days.

For more details kindly refer:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

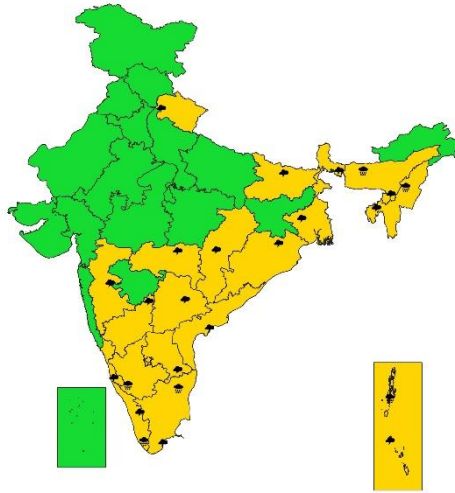
Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 01 September, 2023):

- **Heavy rainfall** at isolated places over Tamil Nadu, Puducherry & Karaikal, Interior Karnataka, Rayalaseema and Gangetic West Bengal.

- **Significant rainfall recorded (in cm):**
 - ✓ **North Interior Karnataka:** Hidkal Dam (dist Belagavi) 11, Gadag Pbo Obsy (dist Gadag) 7,
 - ✓ **South Interior Karnataka:** Maddur (dist Mandya) 11, Bengaluru City Obsy (dist Bengaluru Urban) 9, Madhugiri (dist Tumakuru) 7, Bargur (dist Tumakuru) 7, Bengaluru Hal Ap Obsy (dist Bengaluru Urban) 7, Ramanagara (dist Ramanagara) 7, Electronic City Arg (dist Bengaluru Urban) 6, Gubbi (dist Tumakuru) 6, Doddaballapura (dist Bengaluru Rural) 6,
 - ✓ **Tamil Nadu, Puducherry & Karaikal:** Dharmapuri Pto (Dharmapuri) 9, Thammampatti (Salem) 9, Kodumudi (Erode) 9, Salem 8, Kudimiyamalai (Pudukkottai) 7, Kozhiporvilai, Thuckalay (Kanniyakumari) 7,
 - ✓ **Rayalaseema:** Amarapuram (dist Sri Sathyasai District) 7, Thambalapalle (dist Annamayya District) 6,
 - ✓ **Gangetic West Bengal:** Alipore- 6

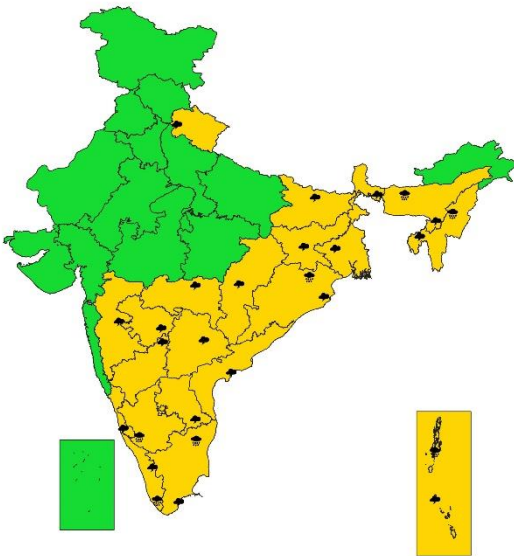
Obsy: Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation



SUBDIVISIONWISE WEATHER WARNING FOR DAY 1
 (1-9-2023)



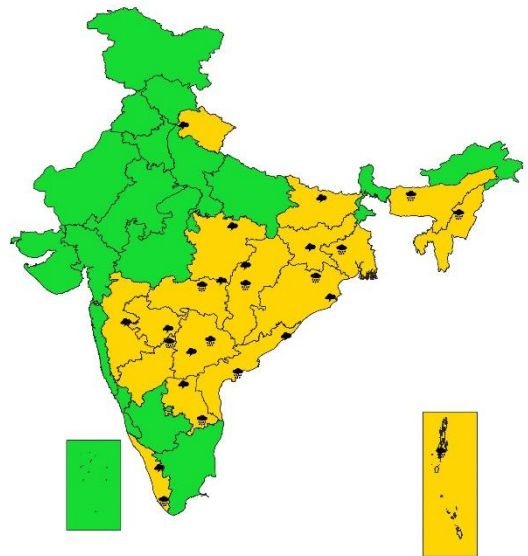
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|---|--|--|
| Subdivision Warning
 Heavy Rain
 Heavy Snow
 Thunderstorms & Lightning
 Hailstorm |  Dust Storm
 Strong Surface Winds
 Heat Wave
 Cold wave
 Fog | Subdivision color
 NO WARNING
 WATCH (BE UPDATED)
 ALERT (BE PREPARED)
 WARNING (TAKE ACTION) |
|---|--|--|


SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
 (2-9-2023)

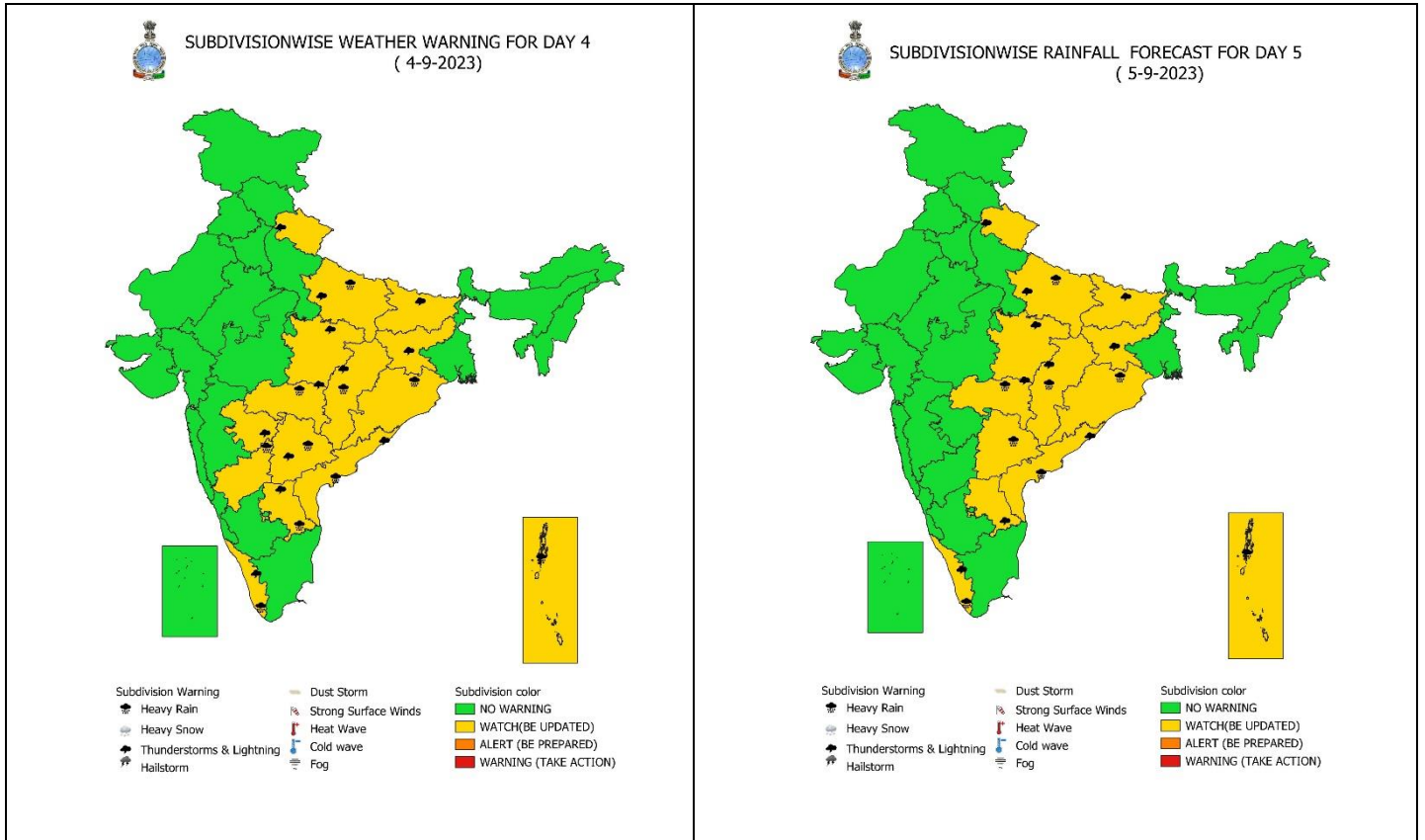


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|--|---|--|
| Subdivision Warning
 Heavy Rain
 Heavy Snow
 Thunderstorms & Lightning
 Hailstorm |  Dust Storm
 Strong Surface Winds
 Heat Wave
 Cold wave
 Fog | Subdivision color
 NO WARNING
 WATCH (BE UPDATED)
 ALERT (BE PREPARED)
 WARNING (TAKE ACTION) |
|--|---|--|


SUBDIVISIONWISE WEATHER WARNING FOR DAY 3
 (3-9-2023)



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|--|---|--|
| Subdivision Warning
 Heavy Rain
 Heavy Snow
 Thunderstorms & Lightning
 Hailstorm |  Dust Storm
 Strong Surface Winds
 Heat Wave
 Cold wave
 Fog | Subdivision color
 NO WARNING
 WATCH (BE UPDATED)
 ALERT (BE PREPARED)
 WARNING (TAKE ACTION) |
|--|---|--|















Legends:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **AWS:** Automatic Weather Station
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalaya West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Warning	Dust Storm	Subdivision color
 Heavy Rain	 Strong Surface Winds	 NO WARNING
 Heavy Snow	 Heat Wave	 WATCH (BE UPDATED)
 Thunderstorms & Lightning	 Cold wave	 ALERT (BE PREPARED)
 Hailstorm	 Fog	 WARNING (TAKE ACTION)

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

Flash Flood Risk	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)