



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

Press Release

Date: 05th September, 2023

Time of Issue: 1315 hours IST

Subject:

- (i) Active monsoon conditions likely to continue over north Peninsular, central & adjoining East India during next 5 days.**
- (ii) Increase in rainfall activity with isolated heavy falls is very likely over Maharashtra 6th to 8th September.**

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

Significant Weather features:

- ❖ Under the influence of yesterday's Cyclonic Circulation over Northwest Bay of Bengal, a **Low Pressure Area** has formed over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts today morning. It is very likely to move nearly westwards across south Odisha and south Chhattisgarh during next 24 hours.
- ❖ A trough runs from cyclonic circulation associated with the above Low Pressure Area to southeast Uttar Pradesh across Odisha & Chhattisgarh in lower tropospheric levels.
- ❖ The western end of Monsoon Trough runs along the foothills of the Himalayas and its eastern end lies south of its normal position.

Weather Forecast and Warnings: (Annexure II)

East India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over *Gangetic West Bengal* during 05th -07th; *Odisha* during 05th-08th; *Jharkhand* on 05th & 08th and over *Andaman & Nicobar Islands* during 05th -09th September.

Isolated very heavy rainfall also likely over Gangetic West Bengal & Odisha on 05th September.

South India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over *Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka* on 05th & 06th, over *Tamil Nadu, Puducherry & Karaikal* during 05th -07th; over *Rayalaseema* on 05th; over *Coastal & South Interior Karnataka* on 08th & 09th and over *Kerala & Mahe* during 05th -09th September.

Isolated very heavy rainfall also likely over Coastal Andhra Pradesh, Telangana on 05th September.

Central India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with

isolated heavy rainfall very likely over East Madhya Pradesh and *Vidarbha* during 05th–09th; over *Chhattisgarh* during 05th–07th; over West Madhya Pradesh during 06th–09th September.

Isolated very heavy rainfall also likely over Chhattisgarh on 05th and over Vidarbha on 06th September.

West India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Marathwada during 05th–08th and over Konkan & Goa during 07th–09th and Madhya Maharashtra during 06th–09th September and over Gujarat Region on 08th September.

Northeast India: Light/moderate scattered to fairly widespread rainfall/thunderstorm with **isolated heavy rainfall** activity very likely over Assam & Meghalaya on 08th & 09th and Nagaland, Manipur, Mizoram & Tripura during 07th - 09th September.

Northwest India: Light/moderate isolated to scattered rainfall/thunderstorm with **isolated heavy rainfall** activity very likely over West Uttar Pradesh on 06th; over East Uttar Pradesh on 06th & 07th; over East Rajasthan during 07th–09th; over Uttarakhand on 08th & 09th September.

For more details kindly refer:

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

Annexure I

Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 05th September, 2023):

- **Heavy to very heavy rainfall** at isolated places over Odisha, Telangana, Gangetic West Bengal and **heavy rainfall** at isolated places over Coastal Andhra Pradesh, Chhattisgarh, Jharkhand, Andaman & Nicobar Islands, Marathwada, East Madhya Pradesh and Vidarbha.
- **Significant rainfall recorded (in cm):**
 - ✓ **Odisha:** Belaguntha (dist Ganjam) 14, Suliapada (dist Mayurbhanj) 13, G B Nagar (dist Mayurbhanj) 10, Banki (dist Cuttack) 9, Bhanjnagar (dist Ganjam) 8, Pottangi (dist Koraput) 8, Balimundali (dist Mayurbhanj) 8, Nuagada (dist Gajapati) 8, Similiguda (dist Koraput) 7, Bhuban (dist Dhenkanal) 7, Daringibadi (dist Kandhamal) 7, Ranpur (dist Nayagarh) 7, Kolabira (dist Jharsuguda) 7, Khaira (dist Balasore) 6, Remuna (dist Balasore) 6, Uda (dist Mayurbhanj) 6, Kuchinda (dist Sambalpur) 6, Kirmira (dist Jharsuguda) 6, Bhograi (dist Balasore) 6, Jamsolaghat (dist Mayurbhanj) 6, Banarpal (dist Angul) 6,
 - ✓ **Gangetic West Bengal:** Amgachia : 12; Memari, Sabong : 08; Contai, Haldia, Tamluk, Tarakeswar, Paskura: 07; Kharagpur, Sagar Island, Barisha : 06,
 - ✓ **Coastal Andhra Pradesh:** Bobbili (dist Vizianagaram) 9, Chodavaram (dist Anakapalli) 9, Balajipeta (dist Parvathipuram Manyam) 9, Parvathipuram (dist Parvathipuram Manyam) 8, Therlam (dist Vizianagaram) 8,
 - ✓ **Chhattisgarh:** Sukma (dist Sukma) 9, Chhindgarh (dist Sukma) 6,
 - ✓ **Jharkhand:** Bolba-8; Putki Dvc-6;
 - ✓ **North Interior Karnataka:** Sedam (dist Kalaburgi) 8,
 - ✓ **Andaman & Nicobar Islands:** Long Island : 07; Mayabunder : 06;
 - ✓ **Assam & Meghalaya:** Golaghat_pto (dist Golaghat) 11
 - ✓ **Marathwada:** Udgir (dist Latur) 7, Ausa (dist Latur) 6,
 - ✓ **East Madhya Pradesh:** Chitrangi (dist Singrauli) 6,
 - ✓ **Telangana:** Medchal (dist M. Malkajgiri) 14, Gandhari (dist Kamareddy) 14, Kondapur (dist Sangareddy) 12, Hakimpet Iaf (dist M. Malkajgiri) 12, Narsapur (dist Medak) 11, Sangareddy (dist

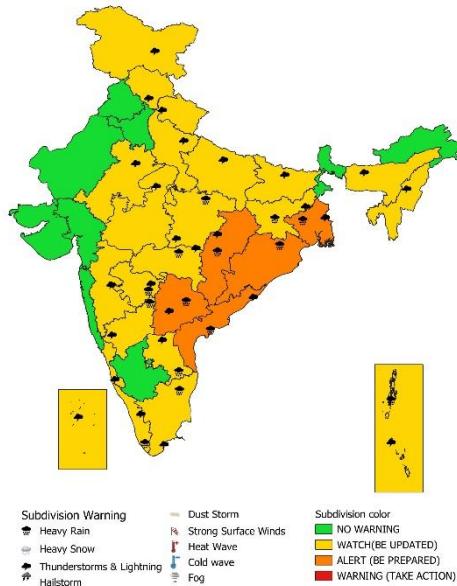
Sangareddy) 11, Vemulawada(arg) (dist Rajanna Sircilla 11, Kamareddy (dist Kamareddy) 11, Sirsilla (dist Rajanna Sircilla) 11, Mominpet (dist Vikarabad) 11, Vicarabad (dist Vikarabad) 11, Tupran(arg) (dist Medak) 11, Dindigul (dist M. Malkajgiri) 10, Himayatnagar (dist Hyderabad) 10, Shekpet (dist Hyderabad) 10, Naga Reddipet (dist Kamareddy) 10, Nawabpet (dist Vikarabad) 10, Nawabpetmbn (dist Mahabubnagar) 10, Kukatpally Jntu(arg) (dist M. Malkajgiri) 10, Sadasivpet (dist Sangareddy) 10, Hathanoora (dist Sangareddy) 9, Amberpet (dist Hyderabad) 9, Jogipet (dist Sangareddy) 9, Municipality (dist Sangareddy) 9, Chegunta (dist Medak) 9, Gangadhara (dist Karimnagar) 9, Boinpalle (dist Rajanna Sircilla) 9, Jagadevpur (dist Siddipet) 9, Hyderabad A.p. (dist Hyderabad) 9, Pargi (dist Vikarabad) 9, Pargi(arg) (dist Vikarabad) 9, Jakranpalle (dist Nizamabad) 9, Chandurthi (dist Rajanna Sircilla) 8, Mudhole (dist Nirmal) 8, Tekmal (dist Medak) 8, Konaraopeta (dist Rajanna Sircilla) 8, Medak (dist Medak) 8, Banswada (dist Kamareddy) 8, Serilingampally(arg) (dist Rangareddy) 8, Yellareddy (dist Kamareddy) 8, Sadashivanagar (dist Kamareddy) 8, Machareddy (dist Kamareddy) 8, Lingampet (dist Kamareddy) 7, Mustabad (dist Rajanna Sircilla) 7, Jukkal (dist Kamareddy) 7, Alladurg (dist Medak) 7, Yellareddypeta (dist Rajanna Sircilla) 7, Kathlapur (dist Jagtial) 7, Ramayampet (dist Medak) 7, Kowdipalle (dist Medak) 7, Domakonda (dist Kamareddy) 7, Jannaram (dist Mancherial) 7, Charminar (dist Hyderabad) 7, Chigurumamidy (dist Karimnagar) 7, Pegadapalle (dist Jagtial) 7, Kondurg (dist Rangareddy) 7, Dich Palle (dist Nizamabad) 7, Bhiknur (dist Kamareddy) 7, Dhar Palle (dist Nizamabad) 7, Regode (dist Medak) 7, Dubbak (dist Siddipet) 7, Saroornagar (dist Rangareddy) 7, Husnabad(arg) (dist Siddipet) 7, Madnur (dist Kamareddy) 7, Papannapet (dist Medak) 7, Chevella(arg) (dist Rangareddy) 7, Raikode (dist Sangareddy) 7, Sarangapur (dist Jagtial) 6, Shamshabad(arg) (dist Rangareddy) 6, Pitlam (dist Kamareddy) 6, Tadwai (dist Kamareddy) 6, Mudholebasar (dist Nirmal) 6, Nanganur (dist Siddipet) 6, Balkonda (dist Nizamabad) 6, Ellanthukunta (dist Rajanna Sircilla) 6, Jaipur (dist Mancherial) 6, Narayankhed (dist Sangareddy) 6, Nangnoor(arg) (dist Siddipet) 6, Doultabad (dist Siddipet) 6, Yadagirigutta (dist Y. Bhuvanagiri) 6, Maheswaram (dist Rangareddy) 6, Chityal (dist J. Bhupalpally) 6, Shamirpet (dist M. Malkajgiri) 6, Armur (dist Nizamabad) 6, Mirdoddi (dist Siddipet) 6, Mahbubnagar (dist Mahabubnagar) 6, Thimmapur (dist Karimnagar) 6,

✓ **Vidarbha:** Korpana (dist Chandrapur) 6,

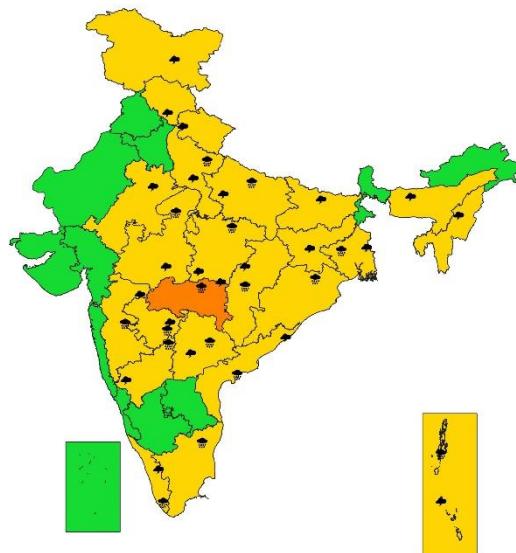
Obsy: Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation



SUBDIVISIONWISE WEATHER WARNING FOR DAY 1
(5-9-2023)



SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
(6-9-2023)



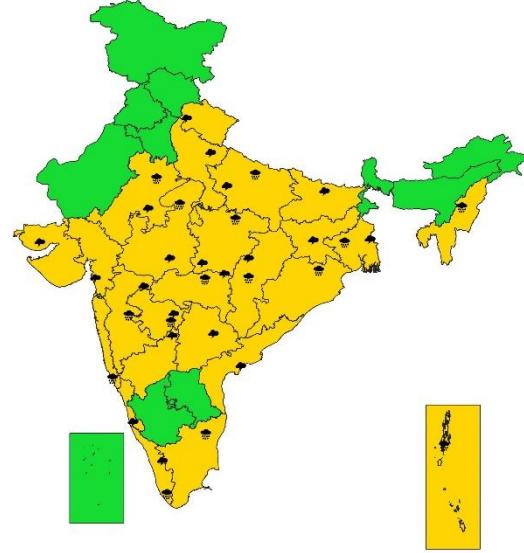
Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm

Dust Storm
Strong Surface Winds
Heat Wave
Cold wave
Fog

Subdivision color
NO WARNING
WATCH(BE UPDATED)
ALERT (BE PREPARED)
WARNING (TAKE ACTION)



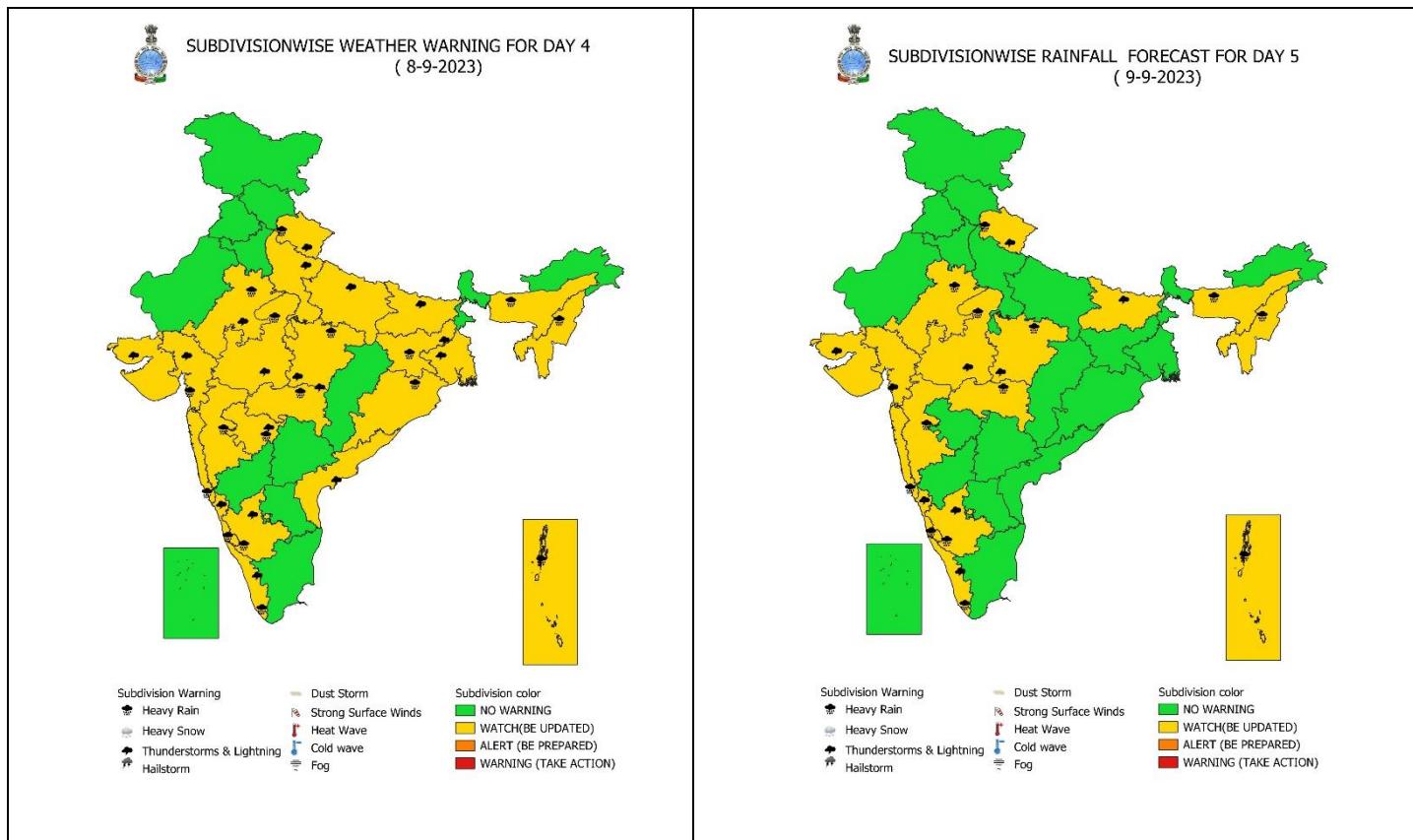
SUBDIVISIONWISE WEATHER WARNING FOR DAY 3
(7-9-2023)



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)



Impact & Action Suggested due to very heavy rainfall over: Gangetic West Bengal, Odisha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana on 5th and over Vidarbha on 6th September.

A. Impact Expected

- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- ❖ Minor damage to kutcha roads.
- ❖ Possibilities of damage to vulnerable structure.
- ❖ Localized Landslides/Mudslides in the hilly areas.
- ❖ Damage to horticulture and standing crops in some areas due to inundation.
- ❖ It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC).

B. Action Suggested

- ❖ Check for traffic congestion on your route before leaving for your destination.
- ❖ Follow any traffic advisories that are issued in this regard.
- ❖ Avoid going to areas that face the water logging problems often.
- ❖ Avoid staying in vulnerable structure.

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 Widespred (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)	