



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

**Press Release
Date: 03rd July, 2023
Time of Issue: 1315 hours IST**

Subject: Intense spell of rainfall likely to continue over south Peninsular India and Konkan & Goa during next 4-5 days.

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

Significant Weather features, Forecast and Warning during next 5 days: ([Annexure II](#))

- ❖ The western end of Monsoon trough at mean sea level lies to the north of its normal position and eastern end runs near its normal position.
- ❖ A cyclonic circulation lies over northwest Uttar Pradesh in lower tropospheric levels.
- ❖ The off-shore trough at mean sea level runs from south Maharashtra coast to Kerala coast.
- ❖ A trough runs from Sub-Himalayan West Bengal & Sikkim to north Chhattisgarh in middle tropospheric levels.
- ❖ A cyclonic circulation lies over south Gujarat Region & neighbourhood in middle tropospheric levels.
- ❖ A cyclonic circulation lies over Southwest & adjoining Southeast Bay of Bengal in middle tropospheric levels.

Weather Forecast and Warning:

South India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy to heavy** very likely to continue over the region during next 5 days. Isolated **extremely heavy rainfall** also likely over Kerala during 03rd to 05th and Coastal & South Interior Karnataka on 04th July.

West India: Light/moderate fairly widespread to widespread rainfall with **isolated Heavy to very Heavy rainfall** is very likely over Konkan & Goa and ghat areas of Madhya Maharashtra during next 5 days and over Gujarat region on 03rd and Gujarat state on 06th & 07th July. Isolated **extremely heavy falls** also likely over Konkan & Goa during 05th-07th; ghat areas of Madhya Maharashtra on 06th & 07th July.

East & adjoining Northeast India: Fairly widespread to widespread light/moderate rainfall with isolated **Heavy to Very Heavy falls** very likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland, Manipur during next 5 days with **extremely heavy falls over Meghalaya on 03rd & 04th; Sub-Himalayan West Bengal & Sikkim on 03rd July**. Isolated **heavy rainfall** also likely over Gangetic West Bengal on 03rd; over Bihar, Jharkhand on 03rd & 04th and over Odisha during 05th- 07th July.

Northwest India: Light/moderate fairly widespread to widespread rainfall with **isolated Heavy rainfall** is very likely over Uttarakhand during next 5 days and East Uttar Pradesh during 03rd-05th; Himachal Pradesh on 05th & 06th July.

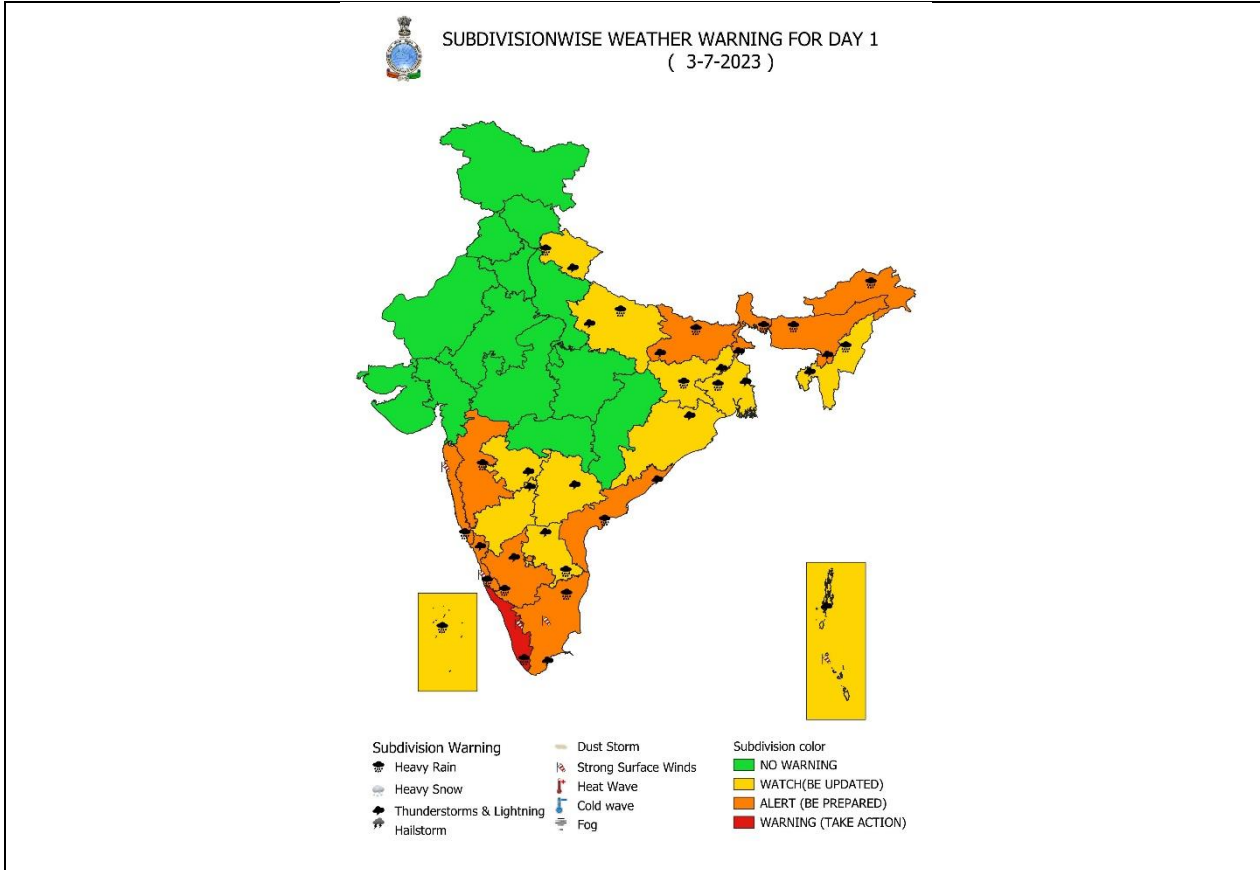
No significant weather likely over rest parts of the country.

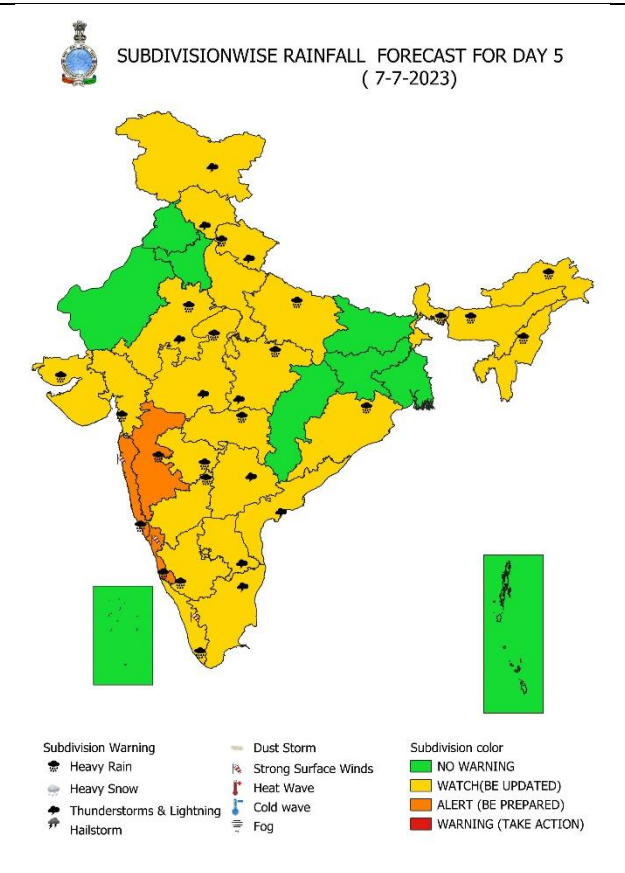
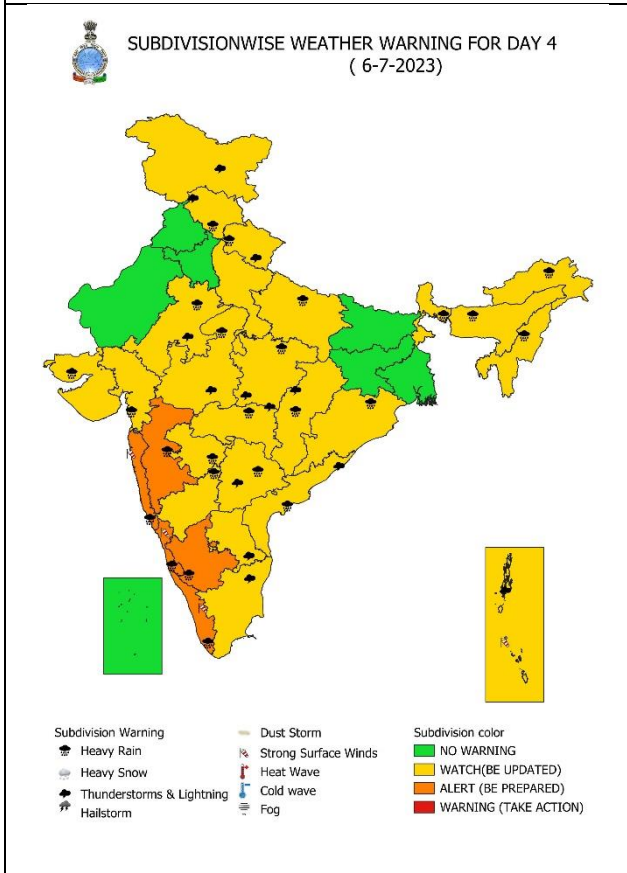
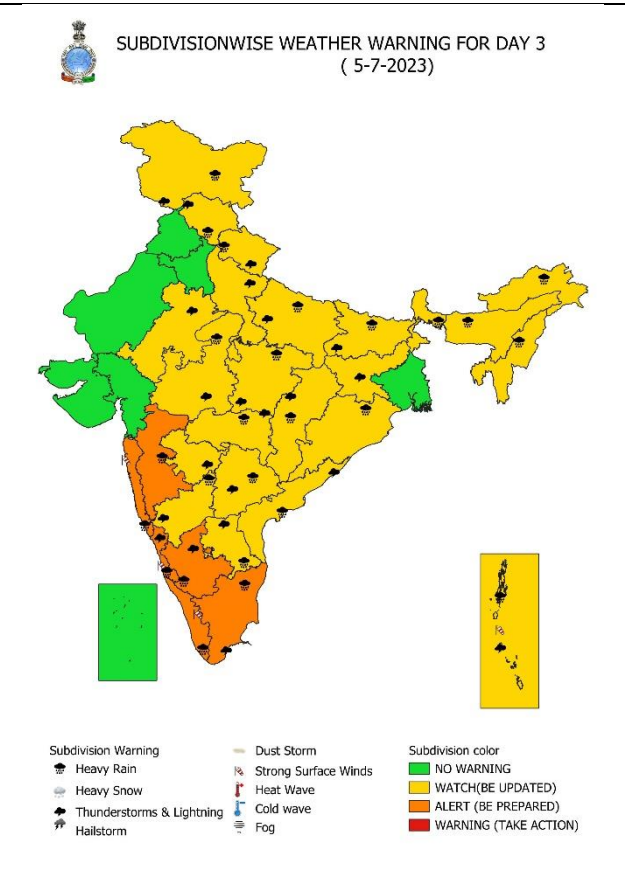
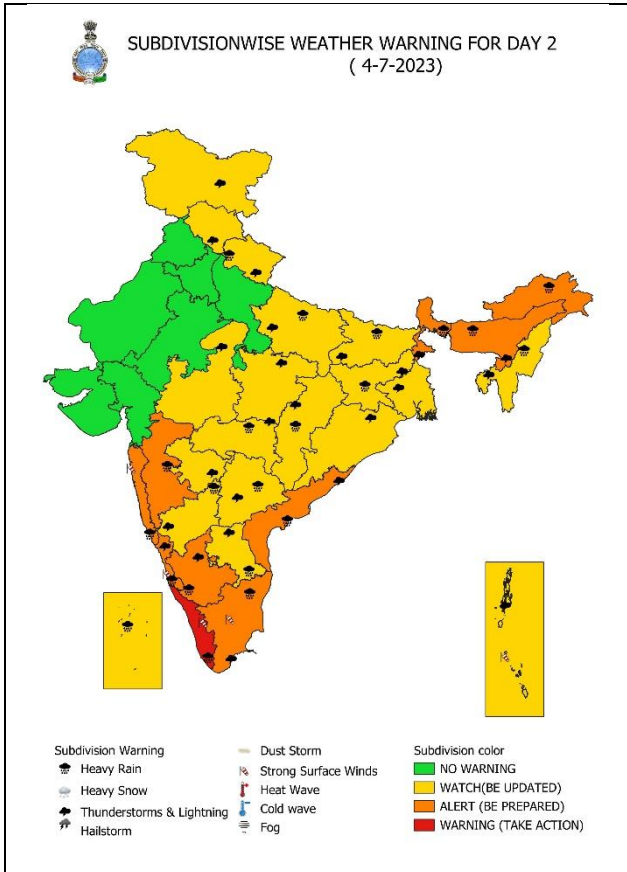
For more details kindly refer:

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

Weather Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- **Heavy Rainfall observed: Heavy to Very heavy with Extremely heavy rainfall** at isolated places over Meghalaya; **Heavy to Very heavy rainfall** at isolated places over Sub-Himalaya West Bengal & Sikkim, Bihar, Assam, Jharkhand, Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch, Kerala & Mahe and **Heavy rainfall** at isolated places over Uttar Pradesh, West Madhya Pradesh, Gujarat Region, Telangana, Tamil Nadu, Coastal & South Interior Karnataka and Odisha.
- **Significant rainfall recorded (in cm): Assam & Meghalaya:** Cherrapunji(rkm) (dist East Khasi Hills) 29, Mawsynram (dist East Khasi Hills) 24, Bhaghmara (dist South Garo Hills) 22, Cherrapunji (dist East Khasi Hills) 18, Shella (dist East Khasi Hills) 13, Mawkyrwat (dist South West Khasi Hills) 13, Khliehriat (dist East Jaintia Hills) 12, Mawphlang (dist East Khasi Hills) 12, **Sub-Himalaya West Bengal & Sikkim:** Dhupguri-18, Bhutanghat-17, Hasimara-15, Sankosh-14, Lava, Majhian-9 each; **Konkan & Goa:** Quepem (dist South Goa) 17, Margao (dist South Goa) 17, Sanguem (dist South Goa) 15, Pernem (dist North Goa) 13, Dodamarg (dist Sindhudurg) 13, Bhiwandi (dist Thane) 12, Panjim - Imd Obsy (dist North Goa) 10, Mapusa (dist North Goa) 10, Ponda (dist North Goa) 9, Dapoli_agri (dist Ratnagiri) 9, Valpoi (dist North Goa) 9, Ambernath (dist Thane) 9, **Kerala:** Kudulu (dist Kasargod) 12, Hosdurg (dist Kasargod) 10, Kodungallur (dist Thrissur) 9, Kalamassery Aws (dist Ernakulam) 8, Padannakkad Aws (dist Kasargod) 8, Laha Aws (dist Pathanamthitta) 8, Alwaye Pwd (dist Ernakulam) 8, Peringome Aws (dist Cannur) 7, Thodupuzha (dist Idukki) 7, **Saurashtra & Kutch:** Mendarda (dist Junagadh) 12, Talala (dist Gir Somnath) 9; **Gujarat Region:** Valia (dist Bharuch) 7; **West Madhya Pradesh:** Gautampura (dist Indore) 7; **Bihar:** Jamui-14, Nawada-10, Banka-9, Bhagalpur, Purnea, Gaya-7 each; Telangana: Madnur (dist Kamareddy) 8, Aiza (dist Jogulamba Gadwal) 7, Tandur (dist Vikarabad) 7; **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 9, Lonavala_agri (dist Pune) 7; **Odisha:** Gunupur (dist Rayagada) 7; Himachal Pradesh: Kangra-6; **Uttar Pradesh:** Khairagar-9, Barabanki, Gorakhpur, Kannauj-7 each; **Tamil Nadu:** Madurai South (dist Madurai) 10, **Coastal Karnataka:** Panambur Obsy (dist Dakshina Kannada) 11, Kota (dist Udupi) 11, Castle Rock (dist Uttara Kannada) 10, Shirali Pto (dist Uttara Kannada) 10, Mangaluru (dist Dakshina Kannada) 10, Gersoppa (dist Uttara Kannada) 10, **South Interior Karnataka:** Bhagamandala (dist Kodagu) 9, Linganamakki Hms (dist Shivamogga) 7, Sringeri Hms (dist Chikkamagaluru) 7, **Telangana:** Madnur (dist Kamareddy) 8, Aiza (dist Jogulamba Gadwal) 7, Tandur (dist Vikarabad) 7.





Agromet advisories for rainfall, thunderstorms likely over various parts of the country:

- Drain out excess water from crop fields to avoid water stagnation in Uttarakhand, East Uttar Pradesh, Andaman & Nicobar Islands, West Bengal, Sikkim, Bihar, Jharkhand, Konkan & Goa, Madhya Maharashtra (Ghat regions), Gujarat region, Tamilnadu, Kerala, Lakshadweep, Karnataka, Andhra Pradesh, Telangana and North Eastern States.
- Postpone nursery sowing of kharif rice in Sub-Himalayan West Bengal, Sali rice in Meghalaya and sowing of Direct seeded rice in Coastal Karnataka.
- Provide staking to vegetables.

Impact & Action Suggested due to extremely heavy/very heavy rainfall over Coastal & South Interior Karnataka, Kerala & Mahe during 03rd-06th; Sub-Himalaya West Bengal & Sikkim, Assam & Meghalaya on 03rd & 04th; Bihar on 03rd; over Tamil Nadu, Puducherry & Karaikal during 03rd-05th; Coastal Andhra Pradesh & Yanam on 03rd & 04th July.

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 kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- 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.

- ❖ **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