



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

**Press Release**  
**Date: 24<sup>th</sup> June, 2022**  
**Time of Issue: 1245 hrs IST**

**Subject: Intense spell of rainfall very likely to continue along west coast during next 4 days and subdued rainfall activity over Northwest & adjoining Central India till 26<sup>th</sup> June, 2022.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today:**

- Isolated **very heavy rainfall** occurred over Coastal Karnataka, Konkan & Goa, Sub-Himalayan West Bengal and **heavy rainfall** over East Uttar Pradesh, West Madhya Pradesh, Assam & Meghalaya, Saurashtra, Madhya Maharashtra, Kerala, Nicobar Islands, Bihar and Odisha. (**Annexure I**)

**Advance of Southwest Monsoon:**

- The Northern Limit of Monsoon (NLM) continues to pass through Lat. 22°N/ Long. 60°E, Lat. 22°N/ Long. 65°E, Porbandar, Baroda, Shivpuri, Rewa, Churk, 27.0°N/84°E.

**Rainfall/thunderstorm Forecast & Warnings: (Multi-hazard warning is given in annexure II)**

- Under the influence of setting in of lower level easterlies, rainfall activity likely to increase over Uttarakhand and Uttar Pradesh from 27<sup>th</sup> June, 2022:
  - Scattered to fairly widespread light/moderate rainfall likely over Uttarakhand and Uttar Pradesh during 27<sup>th</sup>-28<sup>th</sup> June.
- Under the influence of the off-shore trough, a middle-level cyclonic circulation over Eastcentral Arabian Sea off Maharashtra coast and strong westerly winds along the west coast in lower tropospheric levels:
  - Fairly widespread/ widespread rainfall with **thunderstorm/lightning** very likely over Karnataka, Konkan & Goa, Madhya Maharashtra, Marathwada, Kerala & Mahe and Lakshadweep during next 5 days.
  - Isolated **heavy rainfall** very likely over Konkan & Goa, Coastal Karnataka and Kerala & Mahe during next 5 days; south Gujarat state during 24<sup>th</sup>-27<sup>th</sup>; ghat areas of Madhya Maharashtra during 24<sup>th</sup>-26<sup>th</sup>; North Interior Karnataka on 25<sup>th</sup>; over South Interior Karnataka on 25<sup>th</sup> & 26<sup>th</sup> and over Coastal Andhra Pradesh on 24<sup>th</sup> June, 2022. Isolated **heavy to very heavy rainfall** also likely over Konkan, Goa & Coastal Karnataka during 24<sup>th</sup>-26<sup>th</sup>; over ghat areas of Madhya Maharashtra on 24<sup>th</sup> & 25<sup>th</sup> and over south Gujarat state on 25<sup>th</sup> June.
- Under the influence of southerly/southwesterly winds from Bay of Bengal to Northeast & adjoining East India:
  - Widespread rainfall very likely over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days. Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 5 days. Isolated **heavy to very heavy rainfall** also likely over Sub-Himalayan West Bengal during 26<sup>th</sup>-28<sup>th</sup> and over Arunachal Pradesh on 27<sup>th</sup> & 28<sup>th</sup> June.

- Fairly widespread rainfall with **thunderstorm/lightning** very likely to continue over Bihar, Jharkhand, Odisha, Chhattisgarh, Vidarbha and Gangetic West Bengal during next 5 days. Isolated **heavy rainfall** likely over Gangetic West Bengal on 24<sup>th</sup>; over Odisha during 24<sup>th</sup>-26<sup>th</sup> & 28<sup>th</sup>; over Bihar & Chhattisgarh during 24<sup>th</sup>-28<sup>th</sup>; Vidarbha during 26<sup>th</sup>-28<sup>th</sup> and over East Madhya Pradesh on 27<sup>th</sup> & 28<sup>th</sup> June, 2022.

## Annexure I

### Rainfall (In Cm):

**Konkan & Goa:-** North Goa: Valpoi -14, Panjim-9, South Goa: Quepem-12, Mormugao -10, Raigad: Matheran-9, Ratnagiri: Guhagarh-8, Sindhudurg: Dodamarg- 7,

**Madhya Maharashtra:** Nashik: Igatpuri -10,

**Sub-Himalayan West Bengal:** Darjeeling: Bagarkote-14, Bagdogra-7, Jalpaiguri: Buxaduar-13,

**Nicobar Islands:** Car Nicobar-7,

**Assam & Meghalaya:** West Siang: Basar-7, Dhemaji: Dhemaji-7, Tinsukia: Tinsukia-7,

**Saurashtra:** Junagadh: Manavadar-8,

**Coastal Karnataka:** Uttara Kannada: Honavar- 15, Shirali -11, Kumta-10, Karwar-8, Kadra, Gokarna -7 each, Udupi: Udupi- 9, Kota, Kundapur-7 each

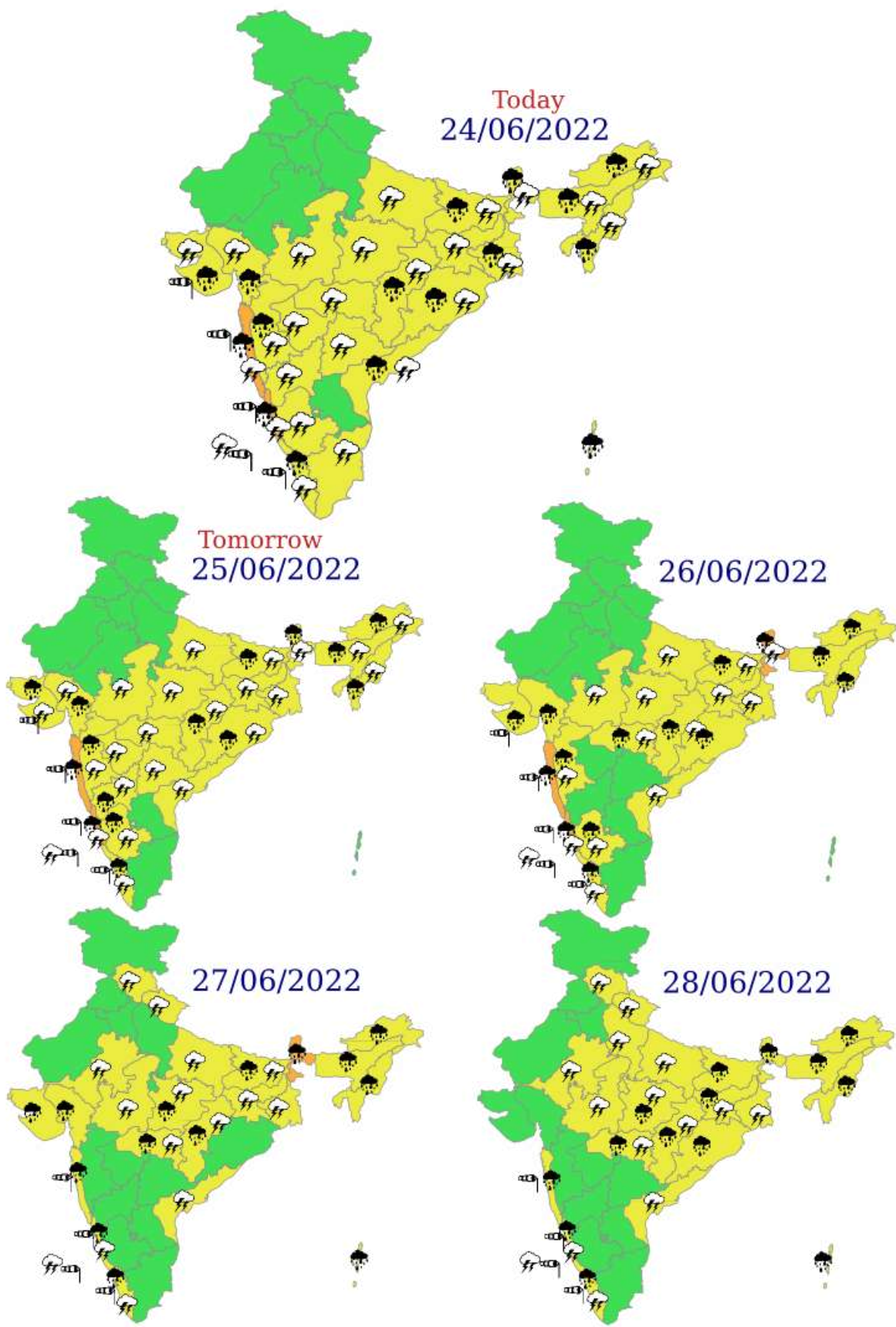
**Kerala:** Kottayam: Kumarakom, Vadavathoor-9 each, Kottayam-8, Alappuzha: Cherthala-9,

**East Uttar Pradesh:** Gorakhpur: Chanderdeepghat-8,

**West Madhya Pradesh:** Ujjain: Nagda-10,

**Bihar:** Kishanganj: Galgalia-9

**Odisha:** Mayurbhanj: Muruda-9, Boudhgarh: Harabhanga-8, Ganjam: Madhabarida -7,



**EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over Konkan & Goa and Coastal Karnataka during next 3 days.**

**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
- 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:** >204.4 mm.

### Region wise classification of meteorological Sub-Divisions:

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% 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)



Heavy Rain



Strong Winds

### WARNING

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

### Probabilistic Forecast

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



Thunderstorm with Lightning



Heat Wave