



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 23rd June, 2022
Time of Issue: 1215 hrs IST

Subject: Intense spell of rainfall very likely to continue along west coast during next 5 days and subdued rainfall activity over Northwest & adjoining Central India till 25th June, 2022.

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

- Isolated **very heavy rainfall** occurred over Konkan & Goa and **heavy rainfall** over West Rajasthan, West Madhya Pradesh, Manipur, Assam & Meghalaya, Gujarat region, Madhya Maharashtra, Kerala, Coastal Karnataka 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. (**Annexure II**)

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

- Under the influence of an 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 and scattered to fairly widespread rainfall likely over Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal during next 5 days.
 - Isolated **heavy rainfall** very likely over Konkan & Goa, Gujarat region, Coastal Karnataka and Kerala & Mahe during next 5 days; ghat areas of Madhya Maharashtra during 23rd-26th; Interior Karnataka on 25th and over Coastal Andhra Pradesh on 23rd & 24th June, 2022. Isolated **Very heavy rainfall** also likely over Konkan & Goa during next 4 days.
- 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 **very heavy rainfall** also likely over Sub-Himalayan West Bengal during 25th-27th 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 Vidarbha on 24th & 25th; Bihar during 24th-27th; over Odisha during 23rd-25th & 27th and over Chhattisgarh during 23rd-27th June, 2022.

Annexure I

Rainfall (In Cm):

Konkan & Goa:- Sindhudurg): Malvan -14, South Goa: Canacona- 7, Raigad: Khalapur, Matheran – 7 each, North Goa: Mapusa- 7,

Madhya Maharashtra: Nashik: Kalvan- 7,

Assam & Meghalaya: Cachar: Silchar-11, A P Ghat-10, Dholai, Lakhipur-7 each, Hailakandi: Matijuri-8,

Manipur: Imphal west: Chottabekra-11, Imphal East: Imphal-10,

Gujarat Region: Surat: Kamrej-10, Umerpada-9, Choryasi -7, Anand: Anand-9, Kheda: Kapadvanj-7,

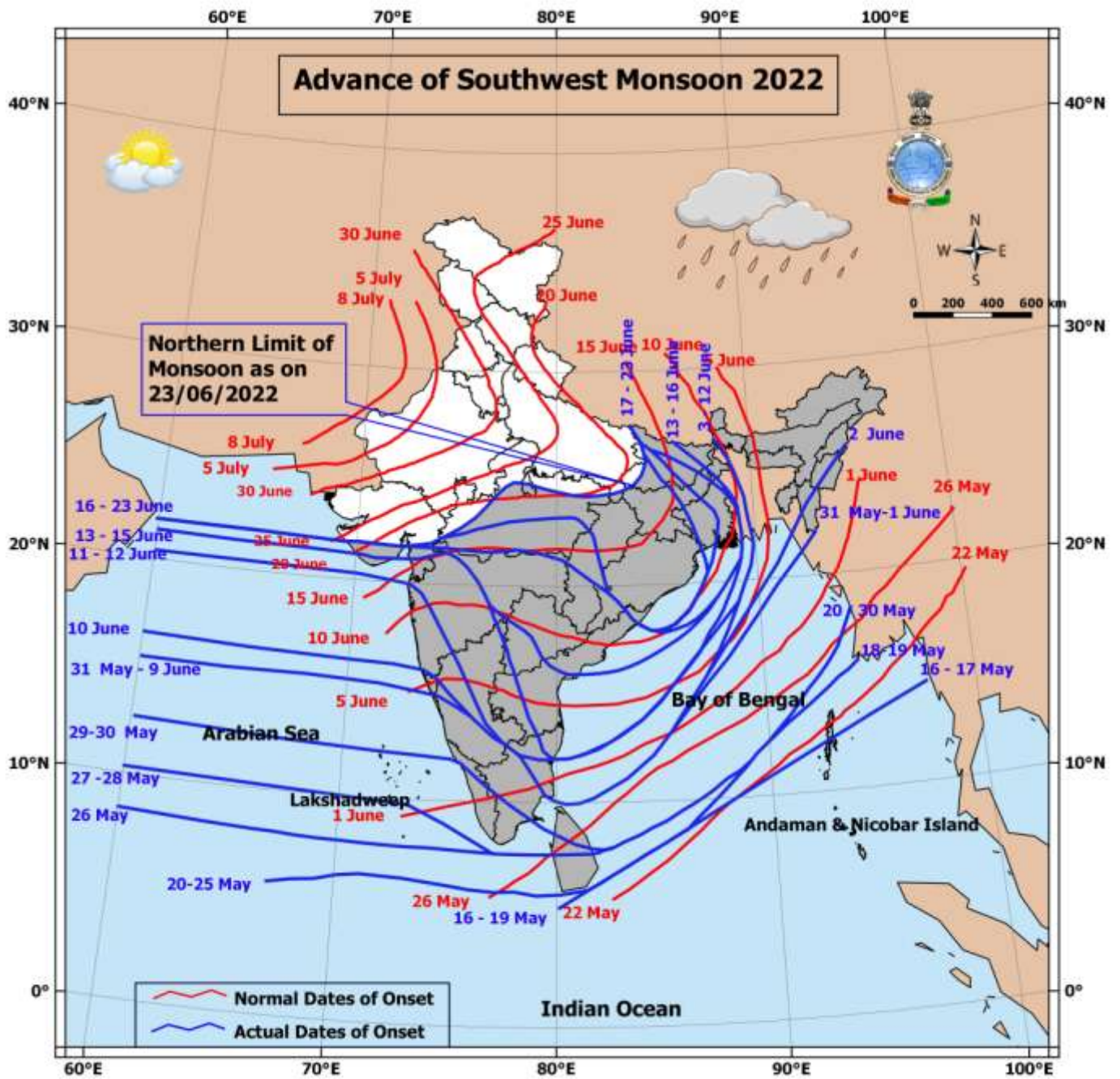
Coastal Karnataka: Dakshina Kannada: Mulki-9, Uttara Kannada: Gersoppa, Shirali-7 each

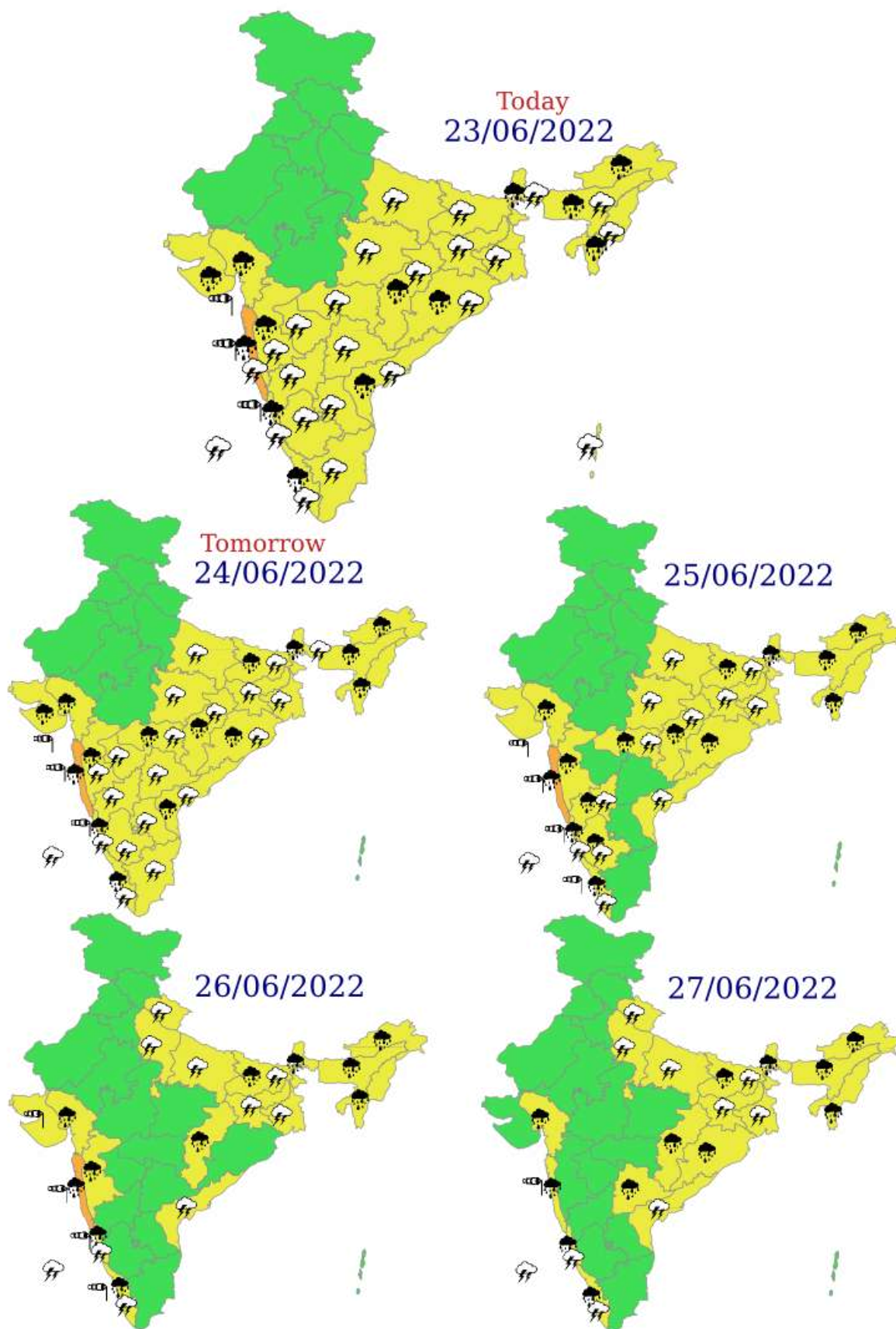
Kerala: Wayanad: Vythiri, Pookot-8 each

West Rajasthan: Fatehgarh-9,

West Madhya Pradesh: Dewas: Khategaon-10, Sonkatch-7, Shajapur: Gulana-7,

Odisha: Jagatsinghpur: Balikuda-11, Sonapur: Ullunda-9, Keonjhar: Harichandanpur-8, Khurda: Begunia-8





EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over Konkan & Goa during next 4 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.

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)



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