



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 22nd June, 2022
Time of Issue: 1230 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 during 23rd-25th June, 2022.

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

- Isolated **very heavy rainfall** occurred over Jammu & Kashmir, Coastal Karnataka, Konkan & Goa and **heavy rainfall** over Himachal Pradesh, Nagaland, Manipur, Mizoram, Coastal Andhra Pradesh, Telangana, Tamilnadu, Jharkhand, Marathawada 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 & strong westerly winds along the west coast in lower tropospheric levels:
 - Fairly widespread/ widespread rainfall with **thunderstorm/lightning** very likely over Karnataka, Konkan & Goa, Kerala & Mahe and Lakshadweep and scattered to fairly widespread rainfall likely over Madhya Maharashtra, Marathwada, Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal during next 5 days.
 - Isolated **heavy rainfall** very likely over Konkan & Goa, Coastal Karnataka and Kerala & Mahe during next 5 days; ghat areas of Madhya Maharashtra during 24th-26th; North Interior Karnataka on 24th & 25th; Gujarat region on 22nd, 25th & 26th; Coastal Andhra Pradesh & Telangana on 22nd June, 2022. Isolated **Very heavy rainfall** also likely over Konkan & Goa during next 5 days; over coastal Karnataka during 22nd-24th 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 to continue over Sub-Himalayan West Bengal & Sikkim and Nagaland, Manipur, Mizoram & Tripura during next 5 days and over Arunachal Pradesh & Assam & Meghalaya during 23rd-26th June. Isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal on 25th & 26th 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 22nd; Vidarbha on 23rd & 24th; Bihar during 23rd-26th, Jharkhand on 24th & 25th and over Odisha & Chhattisgarh during 22nd-26th June, 2022.

Rainfall (In Cm):

Konkan & Goa:- South Goa: Canacona-12, Quepem-11, Sindhudurg: Devgad-12, Rameshwar-10, Malvan-8, Palghar: Palghar- 9, North Goa: Pernem-7,

Marathawada: Jalna: Mantha-9,

Nagaland, Manipur & Mizoram: Kolasib: Kolasib-11, Mamit: Mamit-9, Wokha: Wokha-8, Imphal west: Chottabekra-7,

Tamil Nadu:- Chennai: Ambathur-8, Tondaipet, Chennai Collectorate Building, Perambur Corporation Park-7 each, Tiruvallur: Villivakkam-7

Telangana: Adilabad: Bazarhathnoor-10, Kothagudem: Tekulapalle-8, Mulakalapalle, Kothagudem-7 each Nirmal: Mudhole-7, Jangaon: Ghanpur -7,

Coastal Karnataka: Uttara Kannada: Karwar-16, Kumta, Shirali -13 each, Manki-11, Honavar-10, Ankola-9,

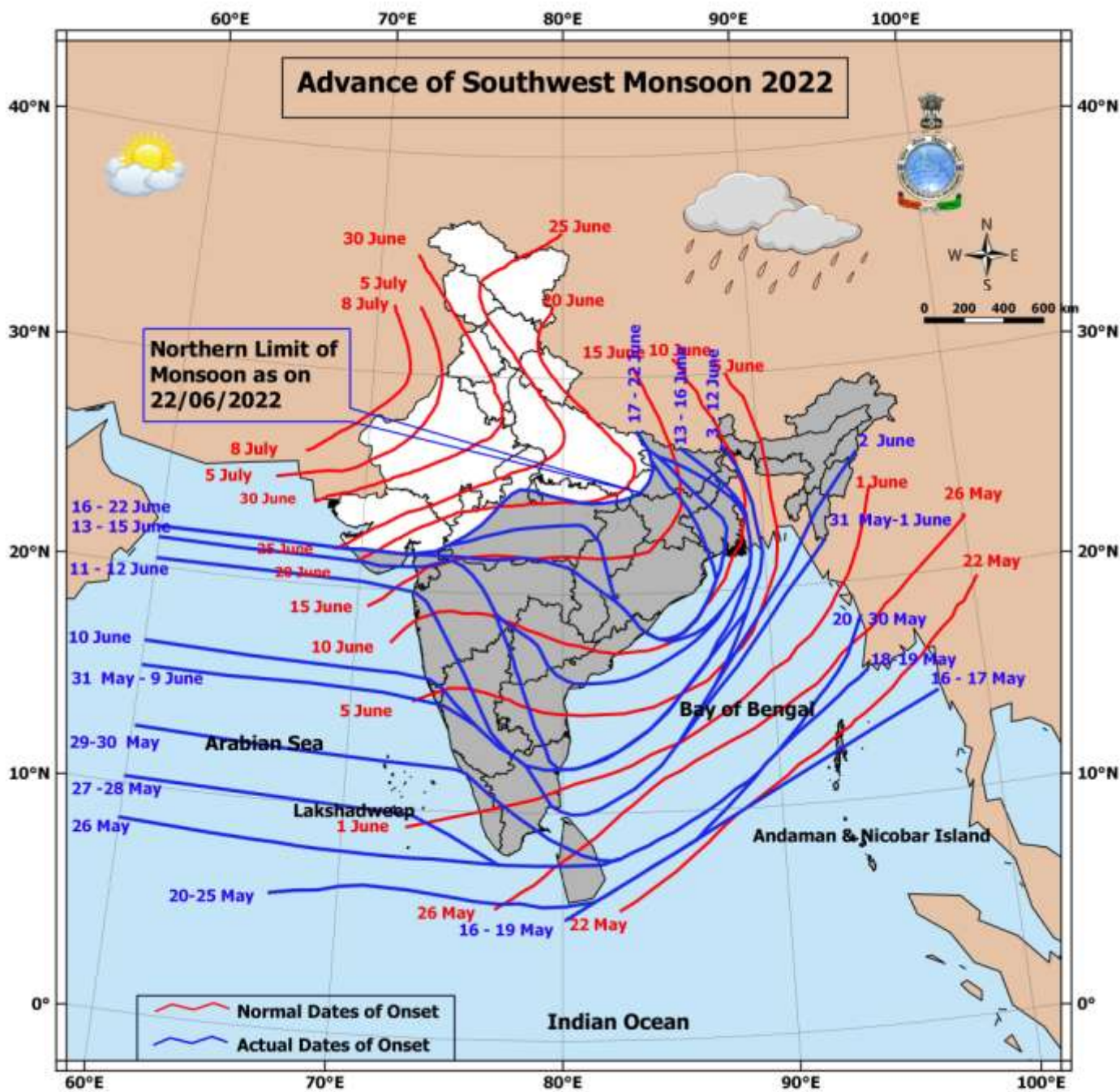
Coastal Andhra Pradesh: East Godavari: Amalapuram-10, Vararamachandrapur -7, West Godavari: Koyyalagudem -9, Yanam: Yanam-7,

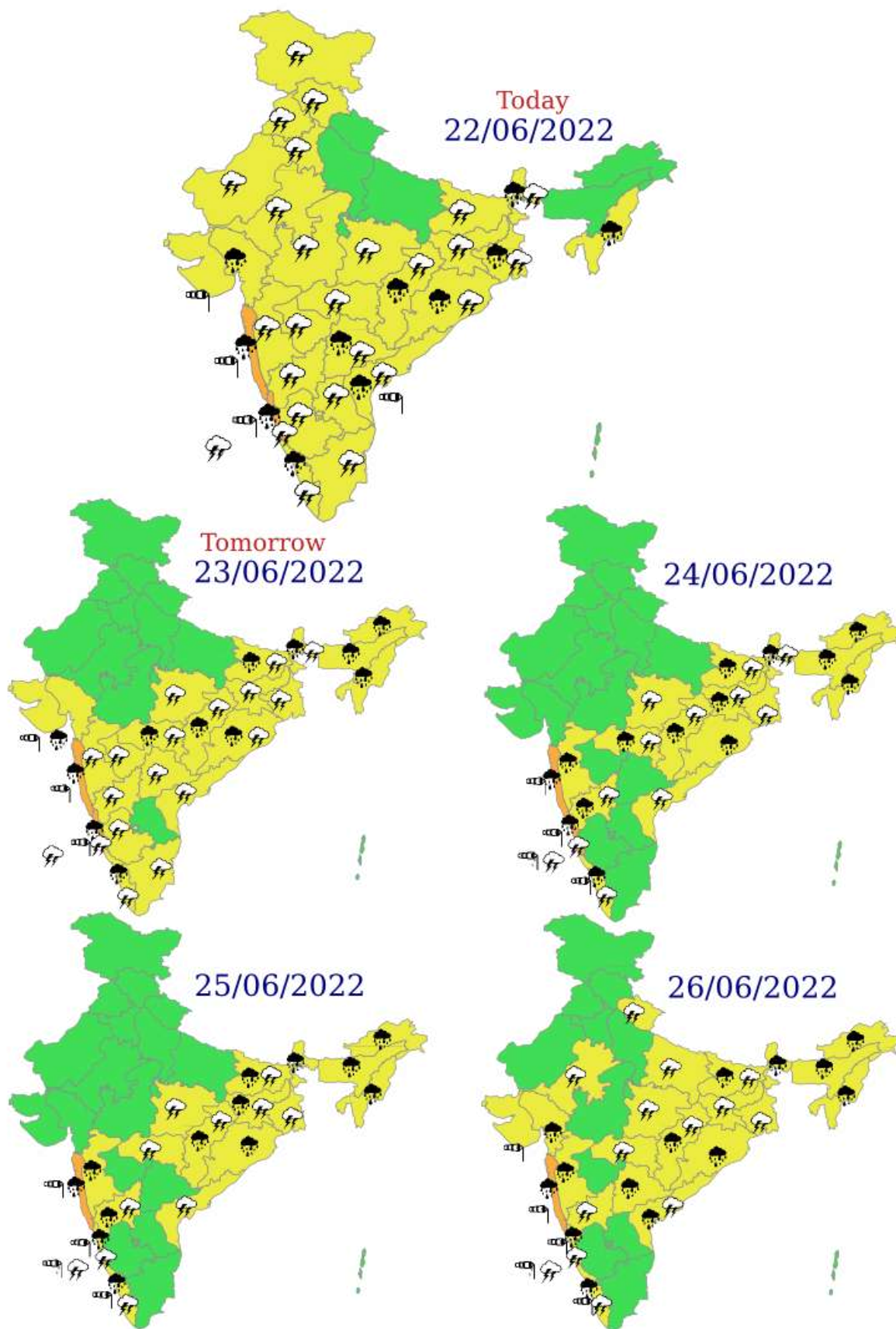
Jammu & Kashmir: Ramban: Govindpura-13, Batote-12, Banihal-10, Udhampur: Udhampur-12, Doda: Bhaderwah-9, Kulgam: Qazigund-8, Badgam: Arizaal-7, Baramula: Gulmarg-7, Srinagar: R M Bagh-7,

Himachal Pradesh: Chamba: Dalhousi-10,

Jharkhand: East Singbhum: Jamshedpur-10, Deogarh: Sikata-8, Giridih: Giridh-7,

Odisha: Balasore: Khaira-10





EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over Konkan & Goa during next 5 days and over Coastal Karnataka during 22nd-24th June.

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