



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 25th June, 2022
Time of Issue: 1300 hrs IST

Subject: I) Intense spell of rainfall very likely to continue along west coast during next 5 days.

II) Enhanced rainfall activity likely over Northwest & Central India from 27th June.

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

- Isolated **very heavy rainfall** occurred over Konkan & Goa, Odisha, Andaman Islands and **heavy rainfall** over East Madhya Pradesh, Marathwada, Assam, West Bengal, Tamilnadu, Kerala, Coastal Karnataka, Coastal Andhra Pradesh, Telangana, Chhattisgarh and Gujarat region (**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 the off-shore trough at mean sea level from south Gujarat coast to north Kerala coast, shear zone along Lat 18°N, a cyclonic circulation over Eastcentral Arabian Sea off Maharashtra coast and strong westerly winds along the west coast in lower tropospheric levels:
 - Widespread rainfall with **thunderstorm/lightning** very likely over Coastal Karnataka, Konkan & Goa, Kerala & Mahe and Lakshadweep; fairly widespread rainfall over Interior Karnataka, Madhya Maharashtra & Marathwada; isolated to scattered rainfall over Gujarat state, Telangana, Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal during next 5 days.
 - Isolated **heavy rainfall** very likely over Konkan & Goa, Coastal Karnataka, Kerala & Mahe and southern parts of Saurashtra during next 5 days; ghat areas of Madhya Maharashtra, Interior Karnataka & south Gujarat region on 25th, 26th & 29th; Tamilnadu, north coastal Andhra Pradesh & Telangana on 25th June, 2022. Isolated **heavy to very heavy rainfall** also likely over Konkan, Goa & Coastal Karnataka on 25th, 26th, 28th & 29th and over ghat areas of Madhya Maharashtra and southern parts of Saurashtra on 25th June.
- Under the influence of a cyclonic circulation over north Interior Odisha and southerly/southwesterly winds in lower levels from Bay of Bengal to Northeast & adjoining East India:
 - Fairly widespread to widespread rainfall with isolated **heavy rainfall & thunderstorm/lightning** very likely over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days. Isolated **heavy to very heavy rainfall** also likely over Sub-Himalayan West Bengal on 28th & 29th June.

- Scattered to fairly widespread rainfall with **thunderstorm/lightning** very likely to continue over Bihar, Jharkhand, Odisha and Gangetic West Bengal during next 5 days. Isolated **heavy rainfall** likely over Odisha on 25th, 26th, 28th & 29th; over Bihar during 25th-29th; Jharkhand on 28th & 29th and over Gangetic West Bengal on 29th June, 2022. Isolated **heavy to very heavy rainfall** also likely over Bihar on 28th & 29th June.
- Under the influence of setting in of lower level easterlies:
 - Scattered to fairly widespread light/moderate rainfall with isolated thunderstorm & lightning likely over Uttarakhand & East Uttar Pradesh during 26th-29th, over Himachal Pradesh & West Uttar Pradesh on 28 & 29th June. Isolated **heavy rainfall** likely over Uttarakhand during 27th-29th; over East Uttar Pradesh on 28th & 29th and over Himachal Pradesh on 29th June.
- Under the influence of a trough from west Rajasthan & neighbourhood to Gangetic West Bengal in lower levels:
 - Fairly widespread rainfall with **thunderstorm/lightning** very likely over Chhattisgarh, Vidarbha and isolated to scattered rainfall over Madhya Pradesh during next 5 days. Isolated **heavy rainfall** likely over Chhattisgarh during 25th-29th; Vidarbha during 26th-29th and over East Madhya Pradesh during 27th-29th June, 2022.

Rainfall (In Cm):

Konkan & Goa:- South Goa: Quepem-16, Margao-10, Mormugao-9, Dabolim-8, Sanguem-7, Ratnagiri: Ratnagiri-13, Lanja-12, Rajapur-8, Sindhudurg: Devgad, Malvan-12 each, Rameshwar-10, Kankavli-9, Vaibhavwadi-8, North Goa: Panjim, Ponda -7 each,

Marathawada: Osmanabad: Washi -7,

Sub-Himalayan West Bengal: Hasimara-10,

Gangetic West Bengal: Salt Lake-8,

Andaman Islands: Long Island-13,

Assam: South Garo Hills: Bagmara-9

Chhattisgarh: Surajpur: Odagi-9, Raigarh: Pusaur-8, Raigarh-7.

Gujarat Region: Navsari: Chikhli-11, Dangs: Subir- 9,

Coastal Andhra Pradesh: Vizianagaram: Srungavarapukota and Bondapalle -7, Srikakulam: Ranastalam -7.

Coastal Karnataka: Uttara Kannada: Castle Rock –9, Dakshina Kannada: Mulki-9, Dakshina Kannada: Mangaluru Ap Obsy-7.

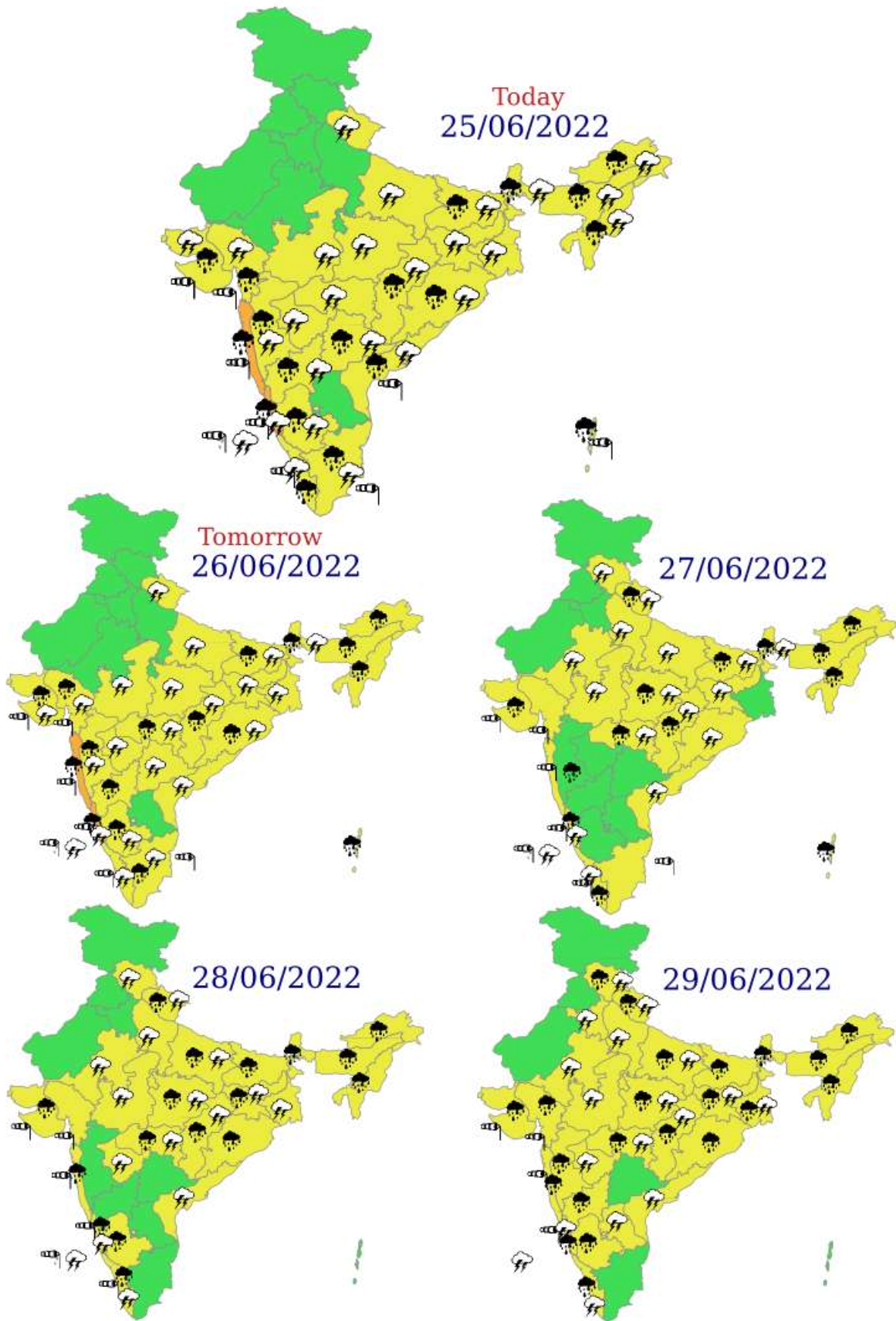
Telangana: Nizamabad: Balkonda-9, Kumaram Bheem: Wankdi-9, Kumaram Bheem: Kagaznagar, Asifabad, Asifabad(arg) -8, Kumaram Bheem: Kerameri-7.

Kerala: Cannur: Thalassery-9, Alappuzha: Cherthala-9, Kottayam: Viakom-7,

Tamilnadu: Coimbatore: Chinnakalar ,Valparai Taluk Office, Valparai-7 each,

East Madhya Pradesh: Chindwara: Mohkheda-9 and Sausar-8.

Odisha: Dhenkanal: bhuban-14, Bargarh: Atabira-11, Bhadrak: Bhadrak-9, Ganjam: Polsara-8, Mayurbhanj: Suliapada-10.



EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over Konkan & Goa and Coastal Karnataka during next 2 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