



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

**Press Release  
Date: 05<sup>th</sup> June, 2022  
Time of Issue: 1215 hrs IST**

- Subject: i) Increase in rainfall activity likely over South Peninsular India from 07<sup>th</sup> June.  
ii) Intense spell of rainfall over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days.  
iii) Heat Wave Conditions in isolated pockets over Northwest & Central India during next 2-3 days.**

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

- Isolated **heavy to very heavy rainfall** occurred over Assam & Meghalaya and heavy rainfall at isolated places over Tripura, Sub-Himalayan West Bengal & Sikkim, Kerala and South Interior Karnataka. (Annexure-II).
- **Yesterday, Heat Wave Conditions** observed in many places over Delhi and in isolated pockets over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, South Uttar Pradesh, north Madhya Pradesh, Eastern parts of Vidarbha, North Rajasthan, Odisha and Chhattisgarh.

**Advancement of Southwest Monsoon:**

- The Northern Limit of Monsoon (NLM) continues to pass through Lat. 15°N/ Long. 60°E, Lat. 15°N/ Long.70°E, Karwar, Chikmagaluru, Bengaluru, Dharmapuri, Lat.10°N/Long.80°E, Lat. 11.0°N/Long.83°E, Lat.14.0°N/Long.86°E, Lat.22.0°N/90°E, Lat.25.0°N/89°E, Siliguri and 27.50°N/88°E (Annexure-I)

**Rainfall/thunderstorm Forecast & Warnings:**

- A trough runs from East Uttar Pradesh to south Chhattisgarh and strong southwesterly winds from Bay of Bengal to Northeast India prevail in lower tropospheric levels. Under their influence:
  - ✓ Fairly widespread/ widespread light/moderate rainfall with isolated **heavy to very heavy rainfall** very likely over Assam & Meghalaya and Sub-Himalayan West Bengal & Sikkim during next 5 days and over Arunachal Pradesh during 07<sup>th</sup>-09<sup>th</sup> June.
  - ✓ Isolated/scattered rainfall with **thunderstorm/lightning/gusty winds** very likely over Bihar, Jharkhand, Odisha and Gangetic West Bengal during next 5 days.
- Increase in rainfall activity is likely over South Peninsular India from 07<sup>th</sup> June:
  - ✓ Fairly widespread/ widespread light/moderate rainfall with **thunderstorm/lightning** very likely over Karnataka, Kerala & Mahe and Lakshadweep and isolated to scattered over Andhra Pradesh, Telangana & Tamilnadu, Puducherry & Karaikal during next 5 days. Isolated **heavy rainfall** likely over South Interior Karnataka during next 5 days; over Tamilnadu on 06<sup>th</sup> & 07<sup>th</sup>; over Kerala & Mahe on 05<sup>th</sup>, 07<sup>th</sup>, 08<sup>th</sup> & 09<sup>th</sup> and over North Interior Karnataka on 08<sup>th</sup> June, 2022.

- ✓ **Squally weather** (wind speed 40-50 kmph gusting to 60 kmph) very likely southwest Arabian Sea during next 3 days. Fishermen are advised not to venture into these areas.

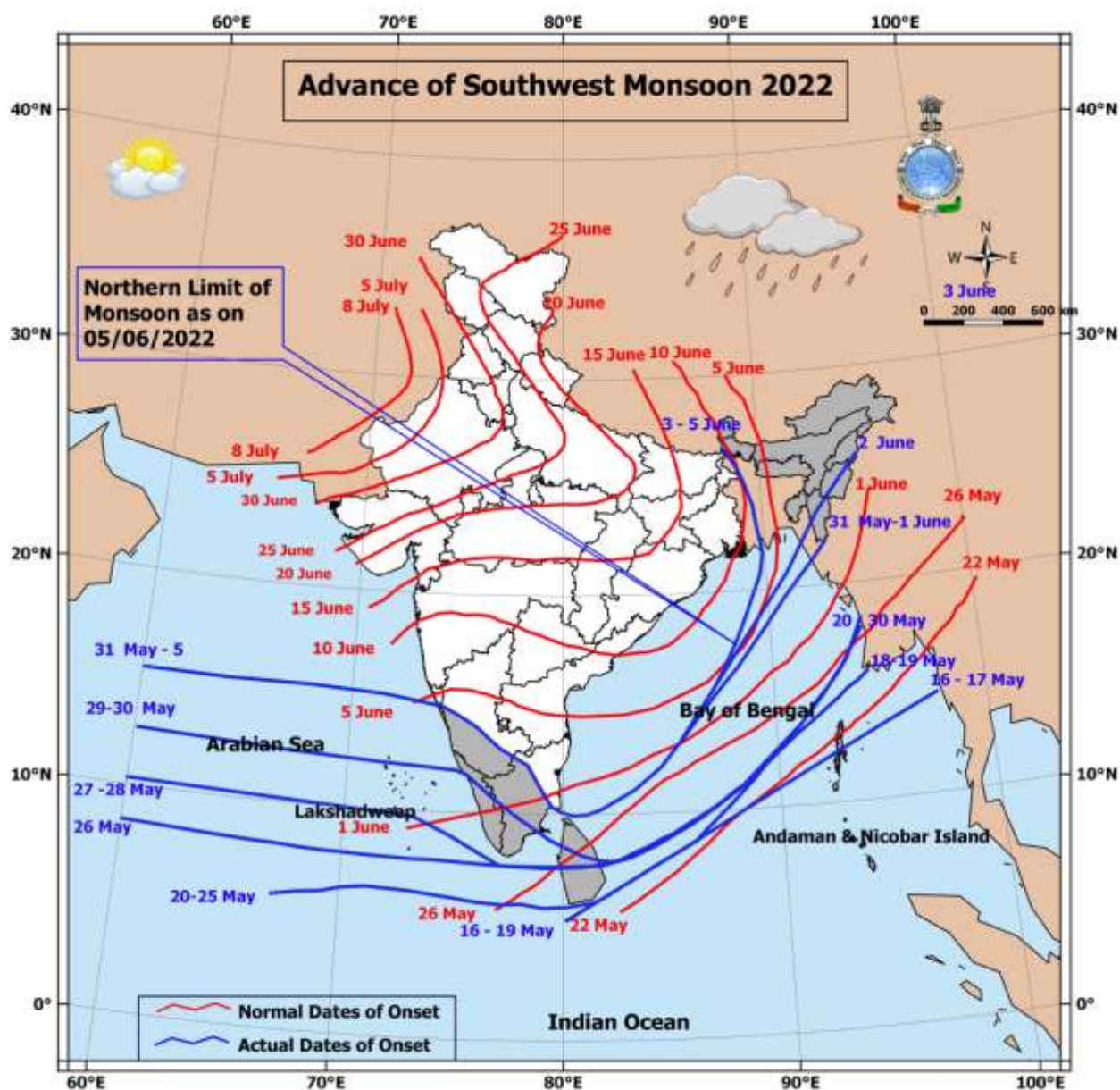
#### **Maximum Temperature forecast and Heat wave warnings:**

- ✓ No significant change in maximum temperatures very likely over most parts of Northwest India during next 4-5 days.
- ✓ No significant change in maximum temperatures very likely over most parts of Central India during next 2 days and fall by 2-3°C thereafter.
- ✓ Rise in maximum temperatures by about 2°C very likely over most parts of East India during next 3 days and no significant change thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 5 days.

#### **Heat wave warnings:**

- ✓ **Heat wave conditions** in isolated places very likely over
  - ❖ Jammu Division on 05<sup>th</sup>;
  - ❖ Rajasthan, south Punjab, south Haryana-Delhi, Vidarbha, Chhattisgarh and Telangana on 05<sup>th</sup> & 06<sup>th</sup>
  - ❖ south Uttar Pradesh, Madhya Pradesh, Jharkhand and interior Odisha during 05<sup>th</sup>-07<sup>th</sup> June, 2022.

**Multi-hazard warning is given in annexure-III.**



**Assam:** Bilasipara, Karimganj-14 each, Dhubri-12, Hatsingimari-10, Hailakandi-9, Motunga, Matjuri, Gharmura, Bahalpur-7 each

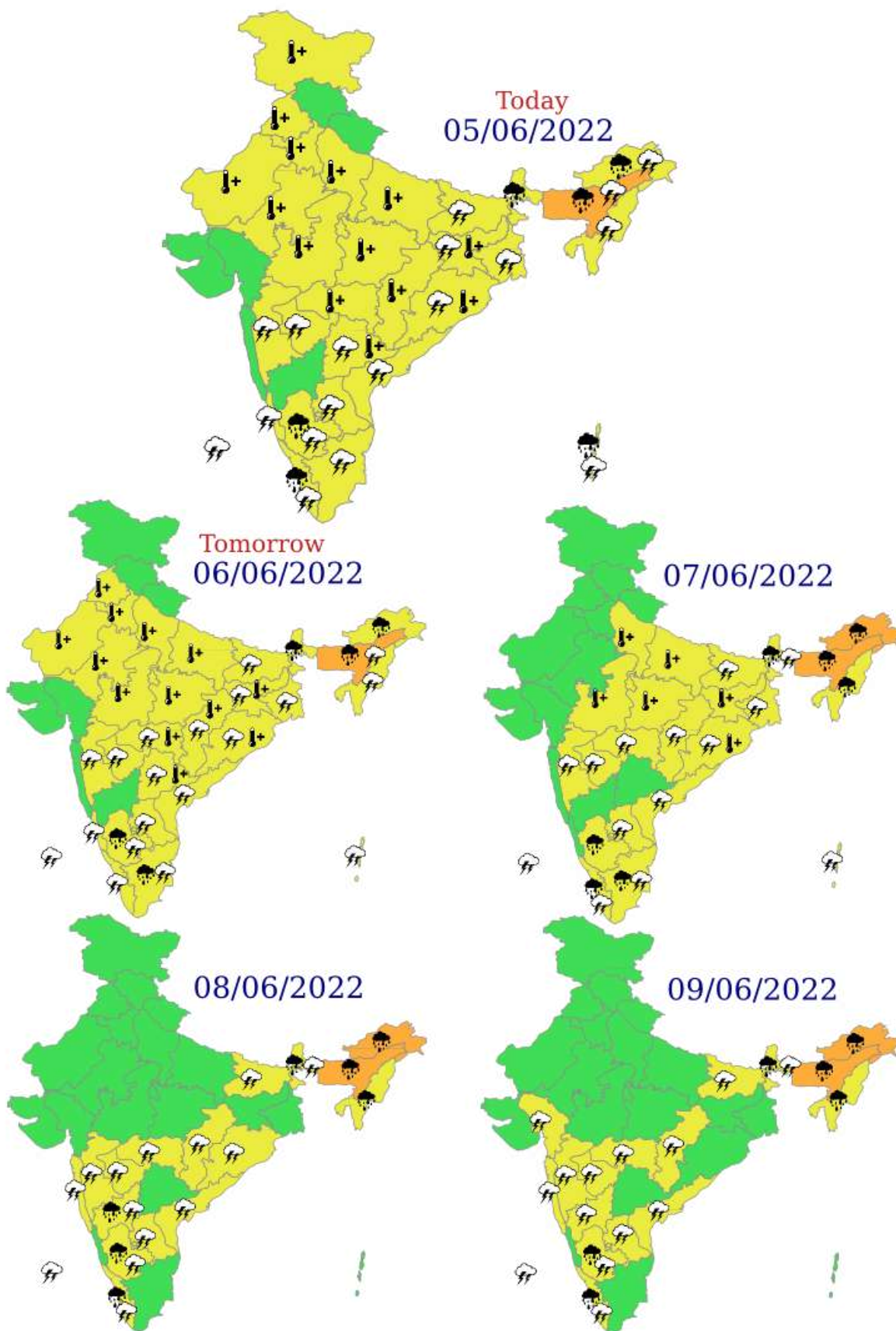
**Meghalaya:** Tikrikilla-12, Sohra, Mineng-7 each

**Sub-Himalayan West Bengal & Sikkim:** Jalpaiguri: Neora-7, Darjeeling: Sevoke-8;

**Tripura:** Udairpur-7

**Kerala:** Ernakulam: Aluva-8

**South Interior Karnataka:** Bengaluru Rural: Devanahalli-9



**EXPECTED IMPACT & ACTION SUGGESTED due to very heavy/extremely heavy Rainfall over Assam & Meghalaya during next 5 days and Arunachal Pradesh & Sub-Himalayan West Bengal-Sikkim during 07<sup>th</sup> - 09<sup>th</sup> June, 2022.**

**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