



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

**Press Release
Date: 06th June, 2022
Time of Issue: 1320 hrs IST**

**Subject: i) Intense spell of rainfall likely to continue over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days.
ii) Heat Wave Conditions in isolated pockets over Northwest, Central & adjoining East India during next 3-4 days.**

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

- Isolated **heavy to very heavy rainfall with extremely heavy falls** occurred over Assam & Meghalaya; **heavy to very rainfall** at isolated places over Bihar and Kerala and **heavy rainfall** over Sub-Himalayan West Bengal & Sikkim, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka and Tamilnadu, Puducherry & Karaikal. (Annexure-II).
- Yesterday, **Heat Wave to severe heat wave Conditions** prevailed over some parts of Madhya Pradesh and Delhi; **Heat wave conditions** prevailed over some parts of Vidarbha and at isolated pockets of Himachal Pradesh, Punjab, Haryana, West Rajasthan and Uttar Pradesh.

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:

- Under the influence of north-south trough runs roughly along Long. 89°E to the north Lat 22°N and strong southwesterly winds from Bay of Bengal to northeast India in lower tropospheric levels:
 - ✓ Widespread light/moderate rainfall with isolated **heavy to very heavy rainfall** very likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim during next 5 days. Isolated **extremely heavy rainfall** also likely over Meghalaya during 08th-10th June.
 - ✓ Isolated/scattered rainfall with **thunderstorm/lightning/gusty winds** very likely over Bihar, Jharkhand, Odisha and Gangetic West Bengal during next 5 days with isolated **heavy rainfall** over Bihar on 06th June, 2022.
- Due to westerly winds from Arabian Sea over South Peninsular India in lower tropospheric levels:
 - ✓ Fairly widespread/ widespread light/moderate rainfall with **thunderstorm/lightning** very likely over Karnataka, Kerala & Mahe and Lakshadweep; scattered over Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal and isolated activity over Telangana during next 5 days.

- ✓ Isolated **heavy rainfall** very likely over Tamilnadu and Coastal Andhra Pradesh on 06th; South Interior Karnataka during 06th-08th; North Interior Karnataka on 08th & 09th June and over Kerala & Mahe during 06th-10th June, 2022.

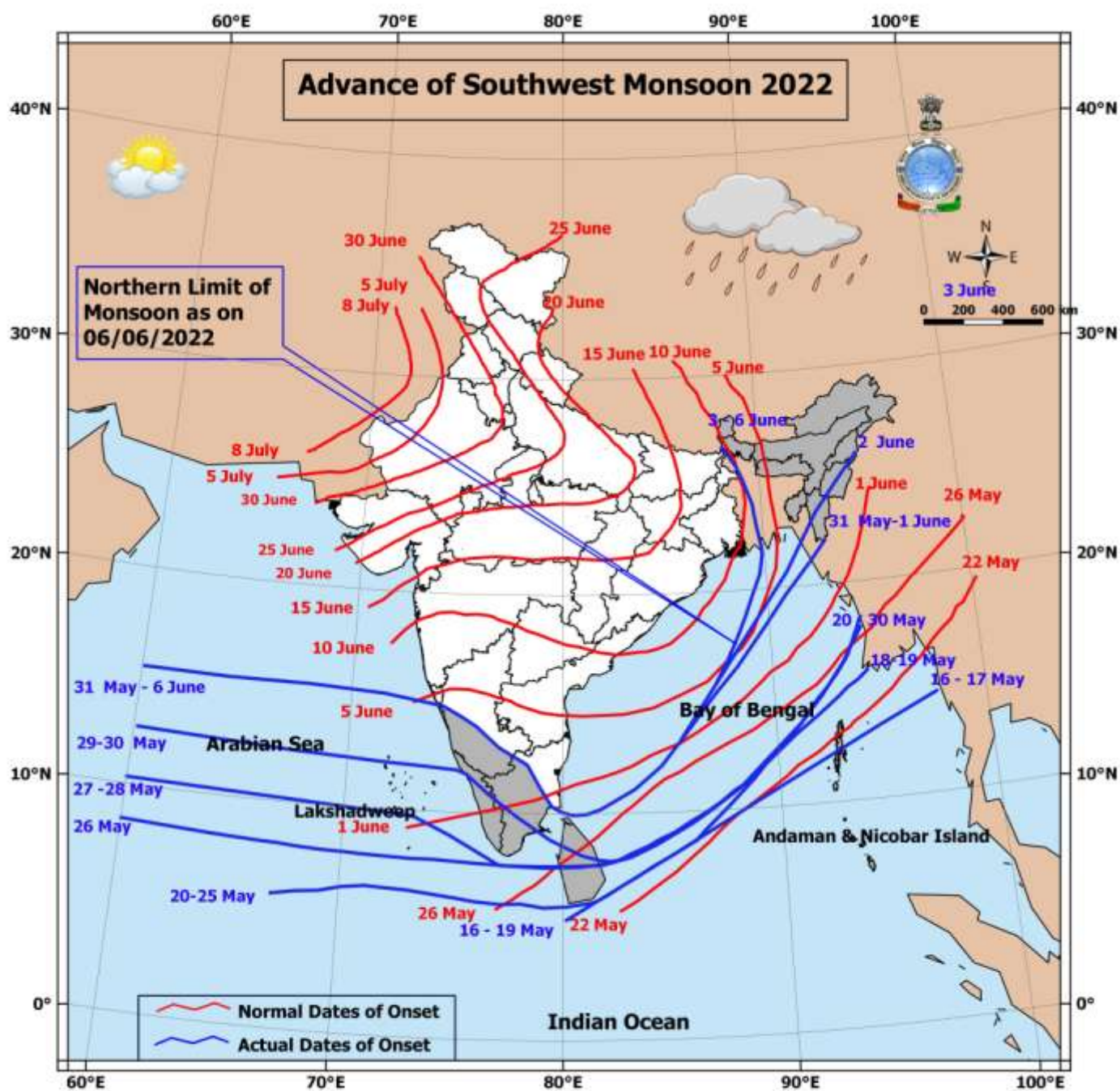
Maximum Temperature forecast and Heat wave warnings:

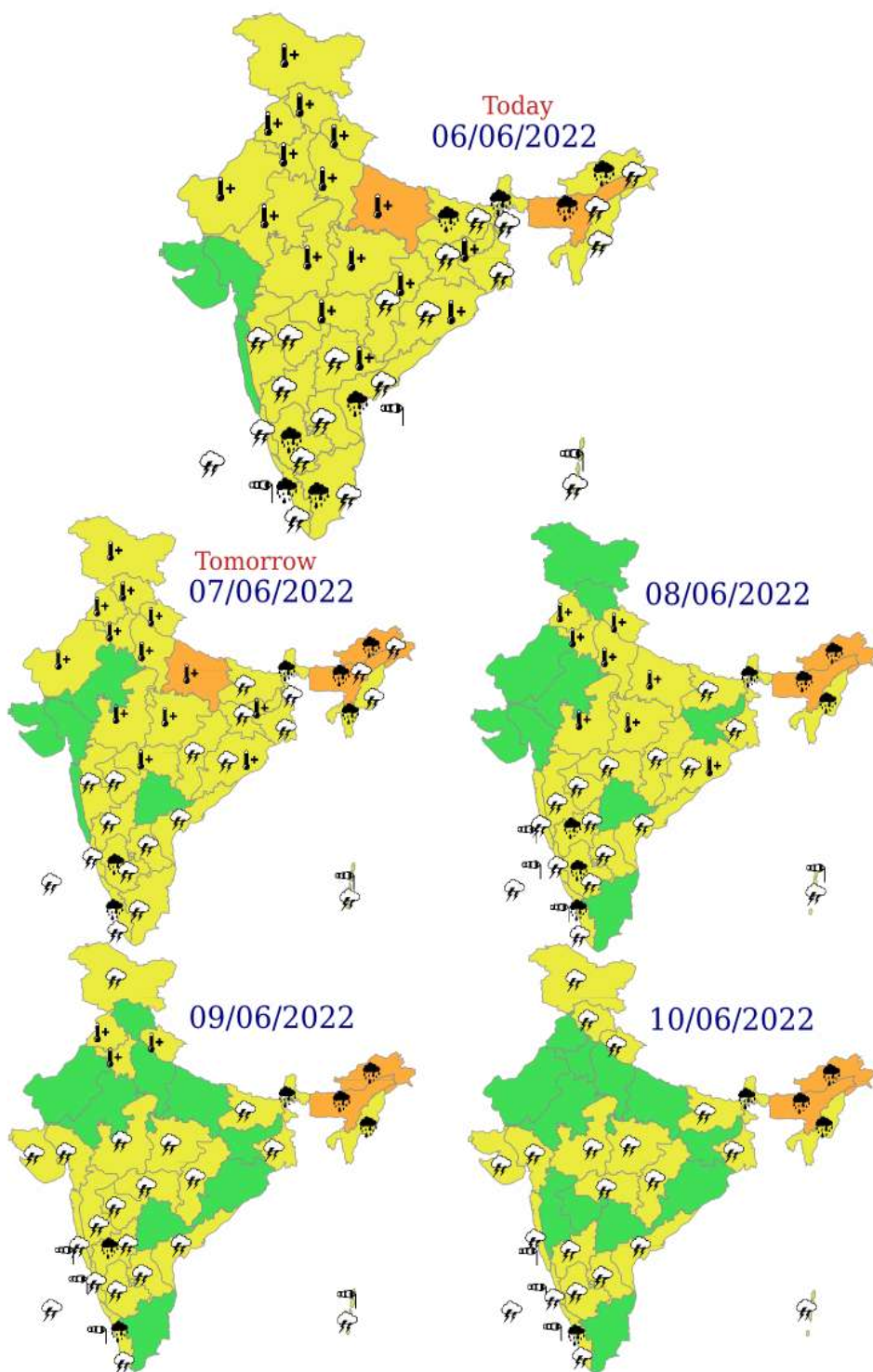
- ✓ No significant change in maximum temperatures very likely over most parts of Central India during next 2 days and fall by 2-3°C thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 5 days.

Heat wave warnings:

- ✓ **Heat wave conditions** in isolated places very likely over
 - ❖ Jammu Division, Himachal Pradesh, West Rajasthan, north Jharkhand and Vidarbha on 06th & 07th June;
 - ❖ Odisha, Uttar Pradesh & Madhya Pradesh during 06th-08th June;
 - ❖ Punjab, Haryana-Delhi & Uttarakhand during 06th-09th June;
 - ❖ East Rajasthan, Chhattisgarh and Telangana on 06th June, 2022.

Multi-hazard warning is given in annexure-III.





Assam: Hatsingimari-25, Dhubri-14, Goalpara—12

Meghalaya: Sohra-30, Mawsynram-23, Williamnagar-22, Jowai-16, Tikrikilla-15, Anlarem-13, Khliehriat-10, Mawkyrwat-8

Kerala: Alappuzha: Mancompu-15, Pathanamthitta: Kurudamannil-13, Thrissur :Kodungallur-10

Tamilnadu: Thanjavur: Vallam-9, Adirampatnam-7, Karur: Mylampatti-7, Perambalur: Perambalur-7

Coastal Andhra Pradesh: Prakasam: Karamchedu-7

Rayalaseema: Ysr District: Vallur, Cuddapah-7 each

Bihar: Purnea: Dhengraghat-12, Amaur-9, Kishanganj: Kishanganj-9, Chargharia-7

Sub-Himalayan West Bengal: North dinajpur: Raiganj-7

North Interior Karnataka: Bagalkote: Lokapur-7, Chitradurga: Hosadurga, Hiriyr-8 each, Mandya: Malavalli-8, Mandya, Srirangapatna-7 each, Ramanagara: Kanakapura-7

EXPECTED IMPACT & ACTION SUGGESTED due to very heavy/extremely heavy Rainfall over Assam & Meghalaya and Sub-Himalayan West Bengal-Sikkim during next 5 days and over Arunachal Pradesh during 07th - 10th 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.

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