



Government of India
Ministry of Earth Sciences
India Meteorological Department

Date: 27th March, 2022
Time of Issue: 1200 hrs IST

Subject:

- i) Heat Wave Spell over Northwest, Central & West India during next 4-5 days.**
- ii) Light to moderate rainfall activity very likely to continue over Northeast India during next 5 days.**

Weather observed during past 24 hours:

- ✓ **Maximum Temperatures** (as on 26/03/2022) recorded **40-41°C** in many parts over Vidarbha and West Rajasthan and in some parts over Gujarat state, Marathwada and West Madhya Pradesh.
- ✓ The maximum temperatures were **above normal by 4-6°C** at many places over West Rajasthan, Jammu Division, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh and Gujarat state; in some parts over West Madhya Pradesh and at isolated places over Uttar Pradesh, Bihar, Jharkhand and Vidarbha.
- ✓ **Very Heavy rainfall** occurred at isolated places over Meghalaya.
- ✓ **Chief amount of Rainfall (in cm): Assam-Meghalaya:** Cherrapunji-15; Silchar and Haflong-4, Golaghat-2; **Arunachal Pradesh:** Pasighat-6; Itanagar-2.

Forecast & Warnings:

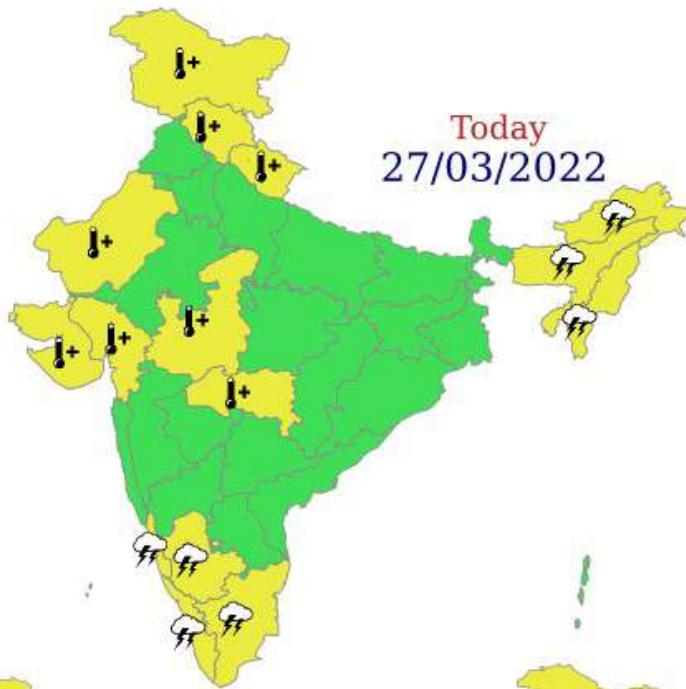
- Light to moderate isolated to scattered rainfall with **thunderstorm/lightning/gusty winds (30-40 kmph)** very likely over Northeast India during next 3 days. Under the influence of strong southwesterly winds likely from Bay of Bengal to northeastern states at lower tropospheric levels:
 - Scattered/fairlywidespread light/moderate rainfall with **thunderstorm/lightning/gusty winds (40-50 kmph)** very likely over the region during 30th-31st March with isolated **heavy rainfall** also likely over Assam-Meghalaya and Arunachal Pradesh on 31st March, 2022.
- ✓ Under the influence of trough/wind discontinuity from Chhattisgarh to interior Tamilnadu at lower tropospheric levels,
 - Light to moderate isolated/scattered rainfall very likely over Kerala-Mahe, Tamilnadu-Puducherry-Karaikal and Coastal & South Interior Karnataka during next 5 days.
 - Isolated **thunderstorm/lightning** activity also very likely over Coastal & South Interior Karnataka on 27th; over Tamilnadu-Puducherry-Karaikal on 27th & 28th March and Kerala & Mahe during next 5 days.
- **Strong Surface Winds (25-35 kmph)** very likely to prevail over Uttar Pradesh on 27th & 28th March, 2022.

Maximum Temperature and Heat Wave conditions Forecast:

- ✓ Gradual rise in maximum temperatures by 2-3⁰C very likely over most parts of Northwest & Central India during next 4 days.
- ✓ No significant change in maximum temperatures very likely over most parts of Maharashtra during next 2 days and gradual rise by 2-3⁰C thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 5 days.
- ✓ **Isolated Heat Wave conditions are very likely over Western Himalayan Region & Gujarat state during next 3 days; over West Madhya Pradesh, Vidarbha & Rajasthan during next 4-5 days; and over south Punjab, south Haryana, Bihar, Jharkhand, north Madhya Maharashtra & Marathwada during 29th-31st March, 2022.**

For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php



Today
27/03/2022



Tomorrow
28/03/2022



29/03/2022



30/03/2022



31/03/2022

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)



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

