



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

**Press Release  
Date: 23<sup>rd</sup> March, 2022  
Time of Issue: 1145 hrs IST**

**India Meteorological Department extends warm greetings on the occasion  
of World Meteorological Day on 23<sup>rd</sup> March, 2022.**

**Subject:**

- i) Light to moderate rainfall activity very likely over Northeast & south peninsular India.**
- ii) Heat wave condition likely to commence over Gujarat state from 25<sup>th</sup> March, 2022.**

**Weather observed during past 24 hours:**

- ✓ **Maximum Temperatures** (as on 22/03/2022) recorded **40-41°C** in many parts over Vidarbha and in isolated pockets over West Madhya Pradesh, interior Odisha, Tamilnadu and Telangana.
- ✓ The maximum temperatures were **above normal by 4-6°C** at most places over Punjab and Assam & Meghalaya; in some parts over Haryana & Chandigarh, West Madhya Pradesh, West Rajasthan, West Uttar Pradesh and at isolated places over Saurashtra & Kutch, East Rajasthan, Bihar, Jharkhand, Gangetic West Bengal, Odisha and Tamilnadu.
- ✓ Yesterday, **Heat Wave conditions** observed at isolated pockets over West Madhya Pradesh.

**Forecast & Warnings for other parts of the country:**

- ✓ Under the influence of a fresh Western Disturbance, isolated/scattered rainfall/snowfall with **thunderstorm/lightning** very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> and isolated rainfall/snowfall with thunderstorm/lightning & **hail** over Uttrakhand on 24<sup>th</sup> March, 2022.
- ✓ Light isolated/scattered rainfall very likely over Kerala & Mahe, Tamilnadu, Puducherry & Karaikal and Karnataka during next 5 days and over Coastal Andhra Pradesh & Rayalaseema during next 3 days. Isolated **thunderstorm/lightning** activity also very likely over Kerala & Mahe during next 5 days, over Coastal & South Interior Karnataka during next 3 days and over Tamilnadu, Puducherry-Karaikal, Coastal Andhra Pradesh & Rayalaseema during next 24 hours.
- ✓ Light to moderate scattered/fairly widespread rainfall very likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim during next 5 days with isolated thunderstorm/lightning over the region during 23<sup>rd</sup>-26<sup>th</sup> March, 2022.

### **Well Marked Low Pressure Area over Myanmar:**

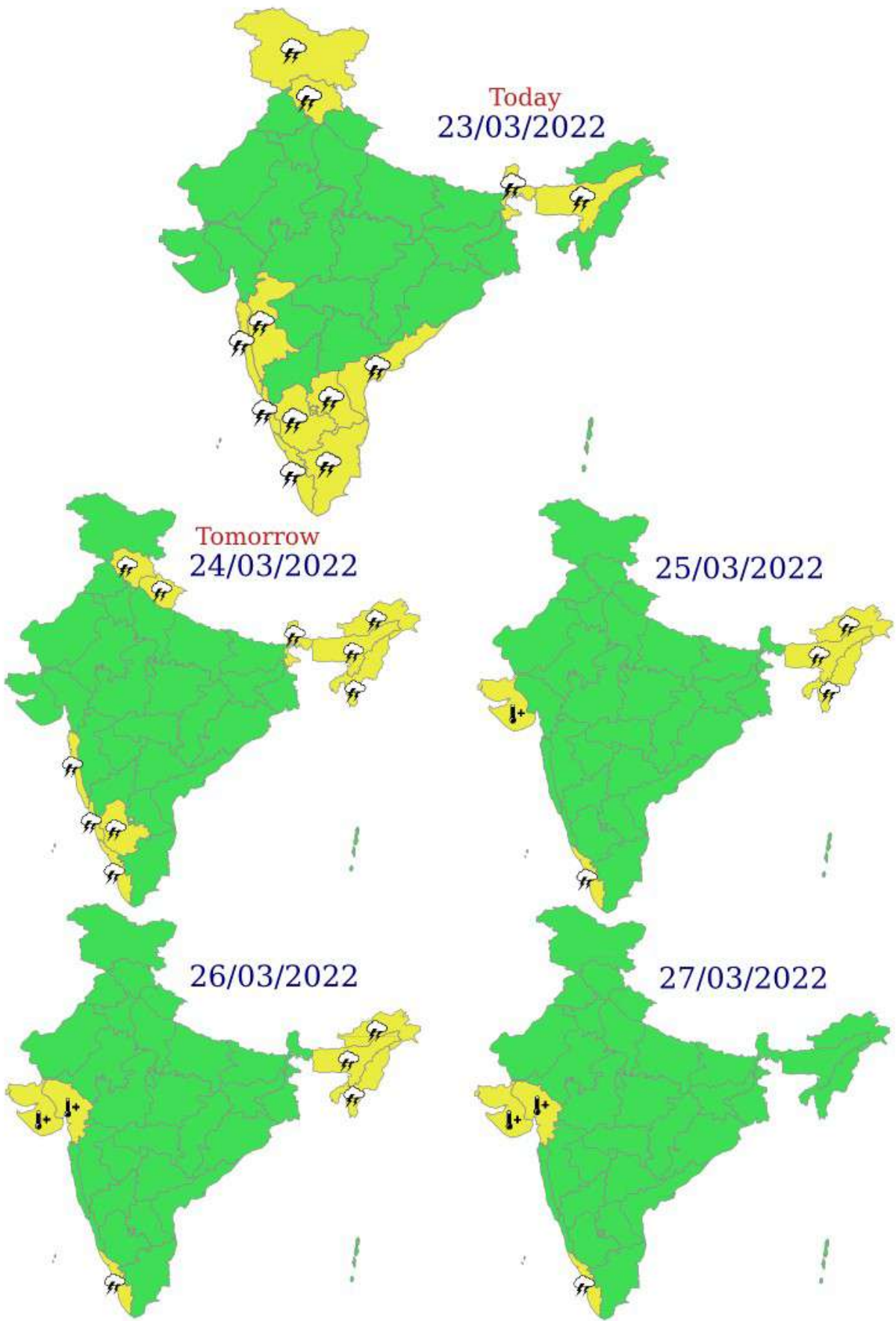
The **Depression** over Myanmar continued to move nearly north-northeastwards and further weakened into into a **Well Marked Low Pressure Area** at 0830 hours IST of today, the 23rd March, over the same region. It would continue to move nearly north-northeastwards and weaken further.

### **Maximum Temperature and Heat Wave Forecast:**

- ✓ No significant change in maximum temperatures very likely over most parts of Northwest India during next 3 days and rise by 2-4°C thereafter.
- ✓ No significant change in maximum temperatures very likely over Gujarat state & Maharashtra during next 2 days and rise by 2-4°C thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 4-5 days.
- ✓ **Heat Wave conditions** in isolated pockets very likely over Saurashtra-Kutch during 25<sup>th</sup>-27<sup>th</sup> March and over Gujarat Region on 26<sup>th</sup> & 27<sup>th</sup> March, 2022.

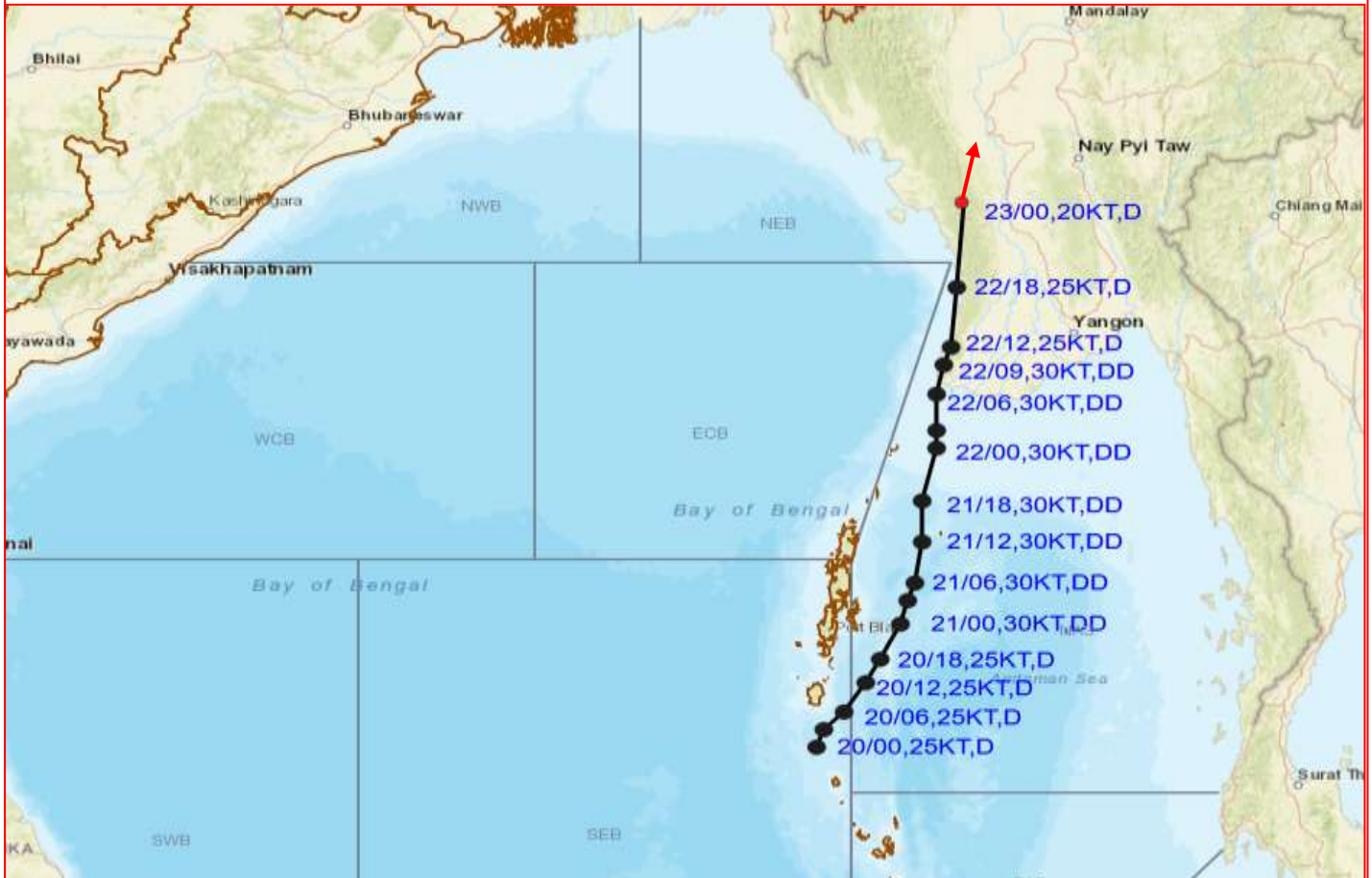
**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php)





**OBSERVED AND FORECAST TRACK OF WELL MARKED LOW PRESSURE AREA OVER MYANMAR (REMANANT OF DEEP DEPRESSION) AT 0300 UTC OF 23<sup>RD</sup> MARCH 2022**



DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM (≥20 KT)

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

## 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)               |



| <b>WARNING</b>         |  |
|------------------------|--|
| WARNING (TAKE ACTION)  |  |
| ALERT (BE PREPARED)    |  |
| WATCH (BE UPDATED)     |  |
| NO WARNING (NO ACTION) |  |

| <b>Probabilistic Forecast</b> |                               |
|-------------------------------|-------------------------------|
| Terms                         | Probability of Occurrence (%) |
| Unlikely                      | < 25                          |
| Likely                        | 25 - 50                       |
| Very Likely                   | 50 - 75                       |
| Most Likely                   | > 75                          |

