



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

**Press Release  
Date: 12<sup>th</sup> March, 2022  
Time of Issue: 1300 hrs IST**

**Subject: (i) Heat Wave to Severe Heat Wave conditions likely to prevail in isolated pockets over Saurashtra-Kutch during 12<sup>th</sup>-15<sup>th</sup> and Heat Wave conditions over interior Odisha on 15<sup>th</sup>&16<sup>th</sup> and southwest Rajasthan on 16<sup>th</sup> March, 2022.  
(ii) Isolated thunderstorm activity over Maharashtra, Telangana and North Interior Karnataka on 12<sup>th</sup> March, 2022.**

**Weather observed during past 24 hours:**

- ✓ **Maximum Temperatures** (as on 11-03-2022) are above 35°C over many parts of Gujarat, Vidarbha, southwest Rajasthan, Chhattisgarh, interior Odisha, Kerala & Mahe, Telangana, Rayalaseema and Tamilnadu.
- ✓ **Heat Wave conditions** in some parts with **Severe Heat Wave conditions** in isolated pockets over coastal areas of Saurashtra-Kutch.
- ✓ The maximum temperatures were **above normal** at many places over Gujarat State, Jammu-Kashmir, Himachal Pradesh, Uttarakhand, West Rajasthan, Konkan-Goa, Arunachal Pradesh, Assam-Meghalaya and Nagaland-Manipur-Mizoram-Tripura.

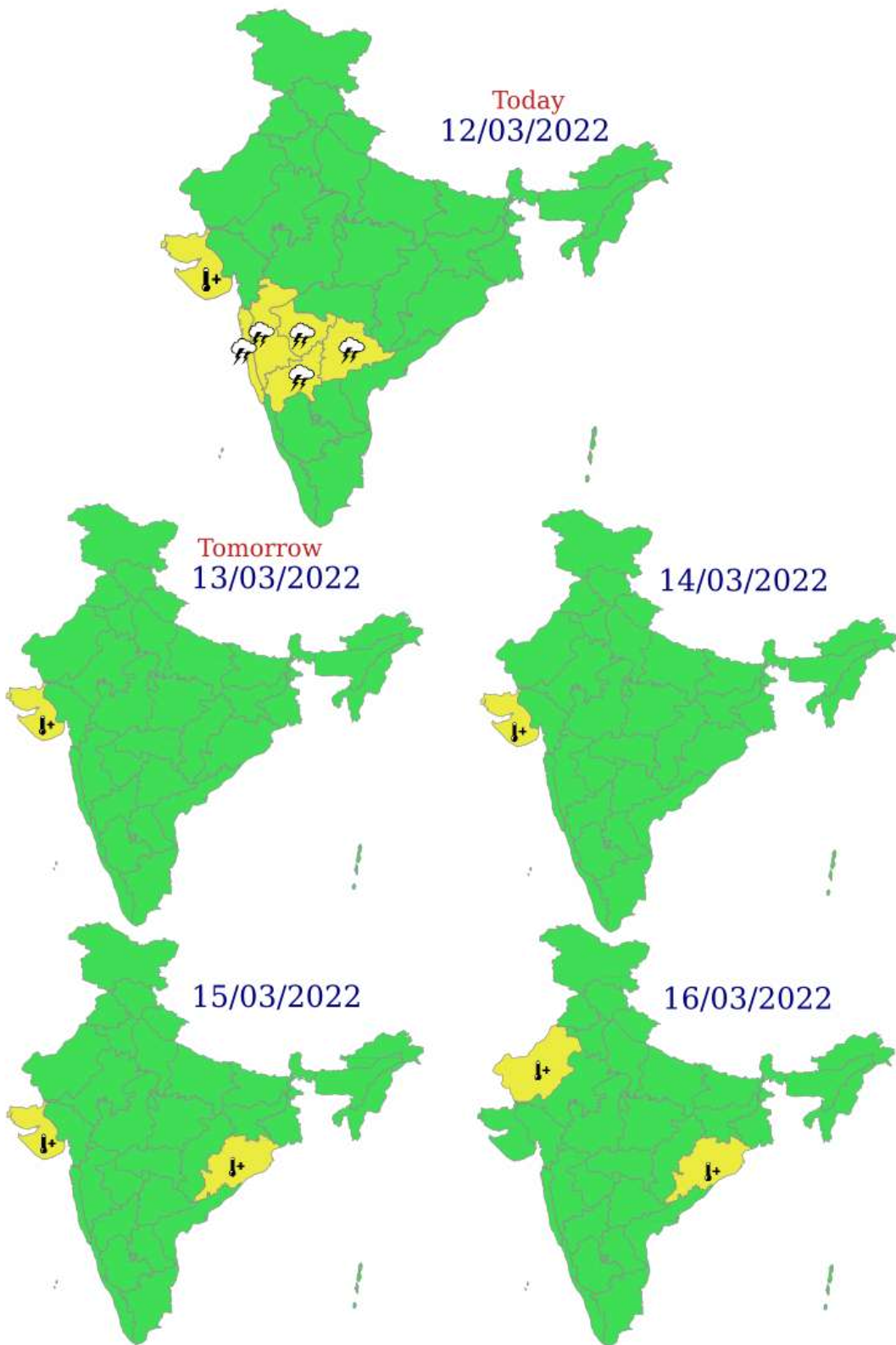
**Maximum Temperature Forecast:**

- ✓ Rise in maximum temperatures by 2-3°C very likely over Gujarat State during next 4 days.
- ✓ Rise in maximum temperatures by 3-5°C very likely over most parts of Northwest India during next 3 days and no significant change thereafter.
- ✓ No significant change in maximum temperatures very likely over most parts of Central India during next 24 hours and gradual rise by 2-4°C thereafter.
- ✓ Gradual rise in maximum temperatures by 2-3°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 most parts of Northeast India during next 24 hours and gradual rise by 2-3°C thereafter.
- ✓ No significant change in maximum temperatures over rest parts of the country.
- ✓ **Heat Wave to Severe Heat Wave Conditions** very likely to prevail in isolated pockets over Saurashtra-Kutch on 12<sup>th</sup> & 13<sup>th</sup> March and **Heat Wave Conditions** in isolated pockets over Saurashtra-Kutch on 14<sup>th</sup> & 15<sup>th</sup>; interior Odisha on 15<sup>th</sup> & 16<sup>th</sup> and West Rajasthan on 16<sup>th</sup> March, 2022.

## Weather systems and Warnings:

- A trough runs from North Interior Karnataka to south Chhattisgarh across Telangana in lower tropospheric levels. Under its influence; Light rainfall with **thunderstorm & lightning** very likely to continue over isolated places of Konkan & Goa, Madhya Maharashtra, Marathwada, North Interior Karnataka & Telangana today, the 12<sup>th</sup> March, 2022.
- Isolated rainfall activity likely over Andaman & Nicobar Islands during next 5 days.
- Weather likely to be dry over remaining parts of the country.
- **Strong Winds** (speed reaching 25-35 kmph) likely to prevail over plains of Northwest India on 16<sup>th</sup> & 17<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)



**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                          |

