

Dated: 13th March, 2026
Time of Issue: 0800 Hours IST

Current Temperature Status and Warning for next 24 hours

Heat Wave and Maximum Temperature Observed Yesterday (from 0830 hrs IST of 12th March to 0530 hrs IST of 13th March, 2026)

- ❖ **Heat Wave Recorded:** Heat wave to severe heat wave conditions prevailed in many places of Saurashtra & Kutch, in some places of Gujarat region and in isolated pockets over Himachal Pradesh; Heat wave conditions prevailed in isolated pockets of Vidarbha.
- ❖ **Maximum Temperatures (as on 12-03-2026):** Yesterday, Maximum Temperatures are in the range of 38-42°C at many places over Gujarat state, Vidarbha, Odisha, Rayalaseema, Marathwada; at a few places over Madhya Maharashtra, Telangana, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Madhya Pradesh; at isolated places over Tamil Nadu, Puducherry & Karaikal, Konkan & Goa, East Rajasthan; 35-38°C at many places East Uttar Pradesh; at a few places over West Rajasthan, Kerala & Mahe; at isolated places over North Interior Karnataka, Telangana, Delhi. **Today, the highest maximum temperature of 42.2°C is reported at Amravati (Vidarbha). (Annexure 1)**
- ❖ **Maximum Temperature Departures (as on 12-03-2026):** Maximum Temperature departure **Markedly above normal (> 5.1°C)** at few places over Haryana-Chandigarh-Delhi, Punjab; at isolated places over Uttar Pradesh, East Rajasthan, Vidarbha; **Appreciably above normal (3.1°C to 5.0°C)** at most places over East Madhya Pradesh, Gujarat state; at many places over West Madhya Pradesh; at few places over Marathwada, Madhya Maharashtra, Konkan & Goa, West Rajasthan; at isolated places over Chhattisgarh, Telangana, Odisha, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **above normal (1.6°C to 3.0°C)** at a few places over Coastal Andhra Pradesh & Yanam, Bihar, Jharkhand; at isolated places over Rayalaseema, North Interior Karnataka. (Annexure 2)

Heat Wave Weather Warnings for Next 24 hours (From 0830 hrs IST of 13th March to 0830 hrs IST of 14th March, 2026): (Annexures 3)

- ❖ **Heat Wave conditions** very likely at isolated places over Gujarat State, Himachal Pradesh and Konkan & Goa.
- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over West Madhya Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Karnataka, Gujarat State and Kerala & Mahe.
- ❖ **Warm Night conditions** very likely at isolated places over Saurashtra & Kutch.

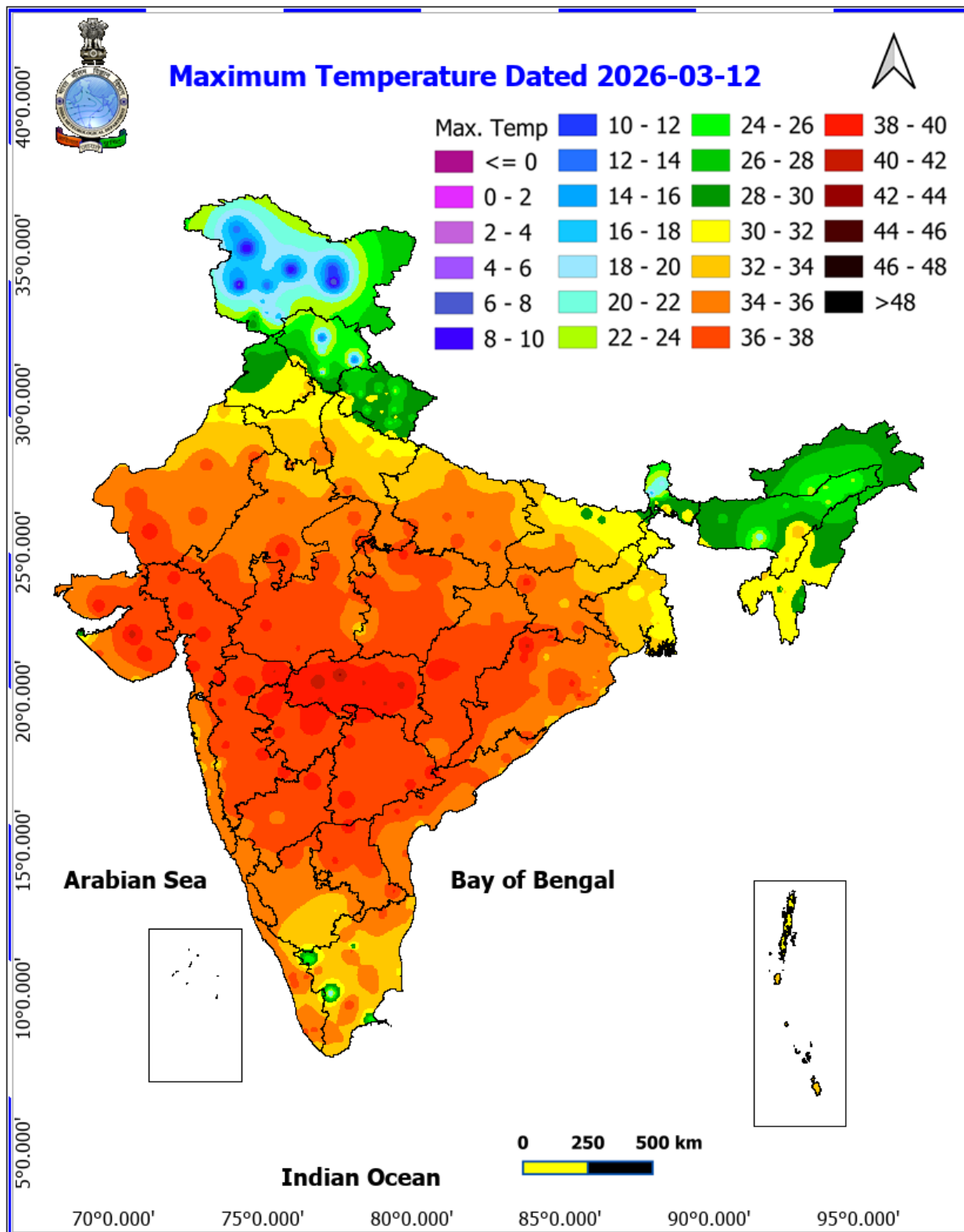
Wind Speed & Relative Humidity (valid for 1430 hrs IST of 13th March, 2026 based on 1730 hrs IST of 12th March, 2026) are attached in **Annexures 4-5** and **Maximum Temperature & its Departure Forecast** (based on 1730 hrs IST of 12th March, 2026) are attached in **(Annexures 6)**.

Agromet advisories for likely impact of Above normal Temperatures

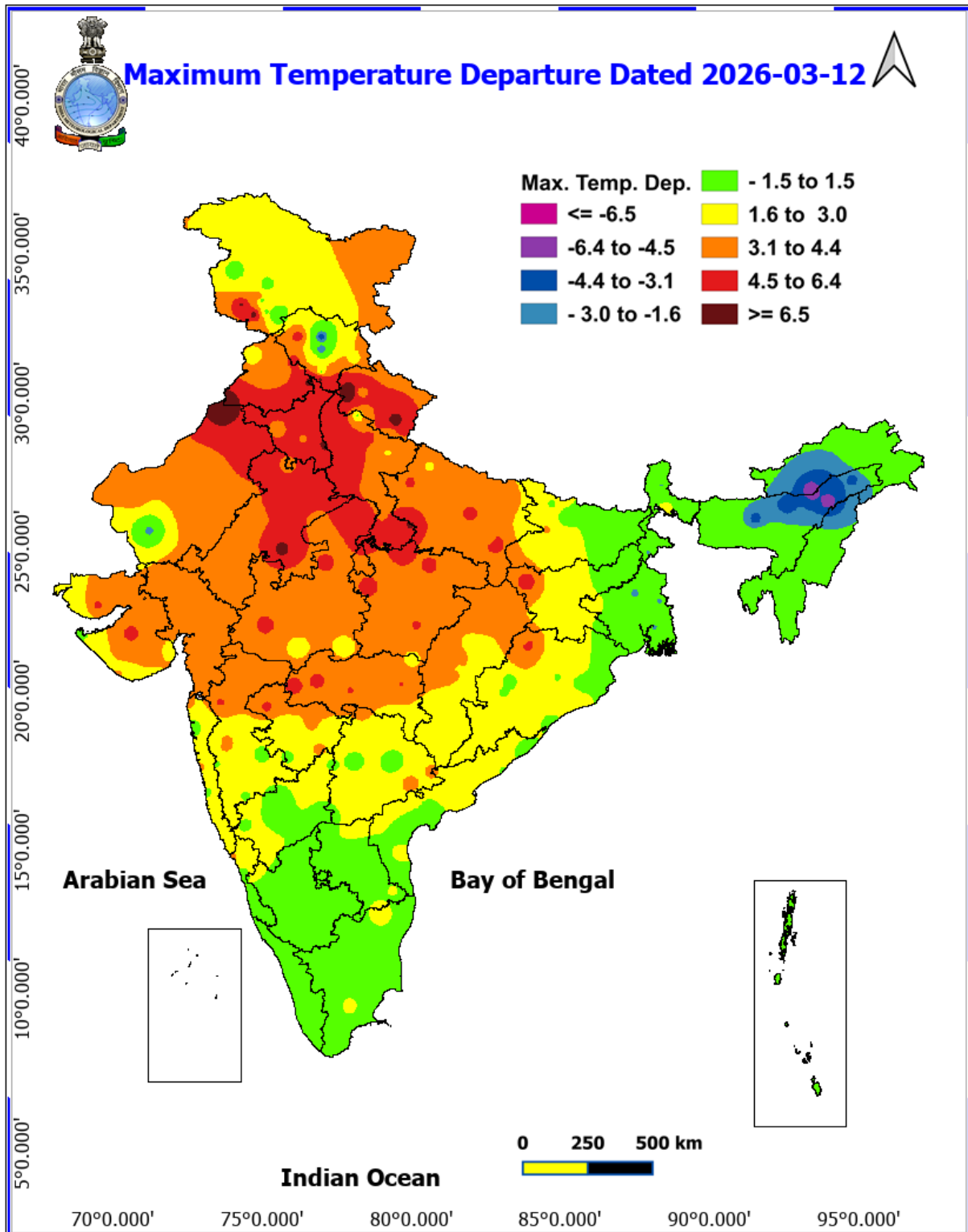
- In **Gujarat**, apply light irrigation in wheat (grain filling stage), chickpea, cumin and vegetable crops in the morning and evening hours. Apply mulching with crop residues in vegetable crops to prevent heat damage and conservation of soil moisture. Protect vegetable nurseries and orchards against hot winds by physical barrier like wet gunny bag barriers of hay or sorghum.
- In **Maharashtra**, provide light and frequent irrigation during the evening or early morning hours to sapota, chilli, brinjal and tomato. Apply irrigation at frequent intervals to reduce premature fruit drop and sun scorching in mango and undertake pre-harvest bagging of mango fruits using newspaper bags to prevent sun scalding in **Konkan**. Apply irrigation in late sown *rabi* crops like wheat, groundnut, sesame, safflower, sorghum, orchards and vegetables as per requirement and use straw mulch to reduce evaporation losses in **Vidarbha**.
- In **Madhya Pradesh**, apply light irrigation in wheat, chickpea and sugarcane to minimize the impact of high temperature. Complete harvesting of matured mustard during morning/evening hours and keep the produce in safe places.
- In **Chhattisgarh**, provide **light and frequent irrigation** in standing crops such as **wheat, chickpea, lentil and mustard** to minimize heat stress and maintain adequate soil moisture.
- In **Rajasthan**, provide protective irrigation in cumin, isabgol, mustard and gram during morning or evening hours to minimize heat stress.
- In **Uttar Pradesh**, provide light irrigation in wheat (grain filling stage), mustard and gram crops during morning or evening hours to reduce adverse impacts of heat.
- In **Haryana**, provide light irrigation to mustard and gram at flowering and pod formation stages. Maintain optimum soil moisture in wheat during grain filling stage.
- Take appropriate action for conservation of soil moisture through mulching, proper field bunding, and avoiding unnecessary intercultivation.

Livestock / Poultry

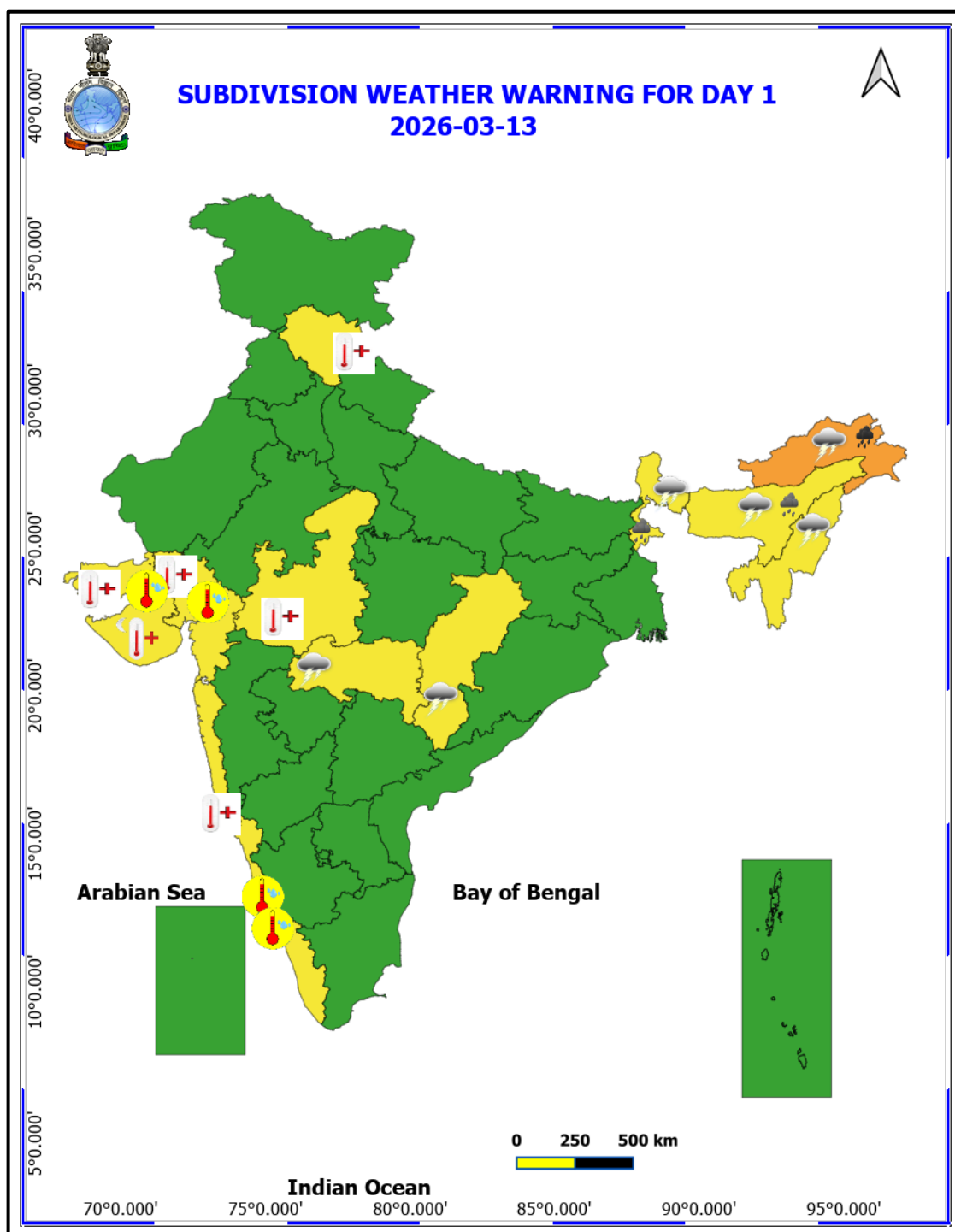
- Provide clean, hygienic and plenty of drinking water to animals.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass.



Annexure 2

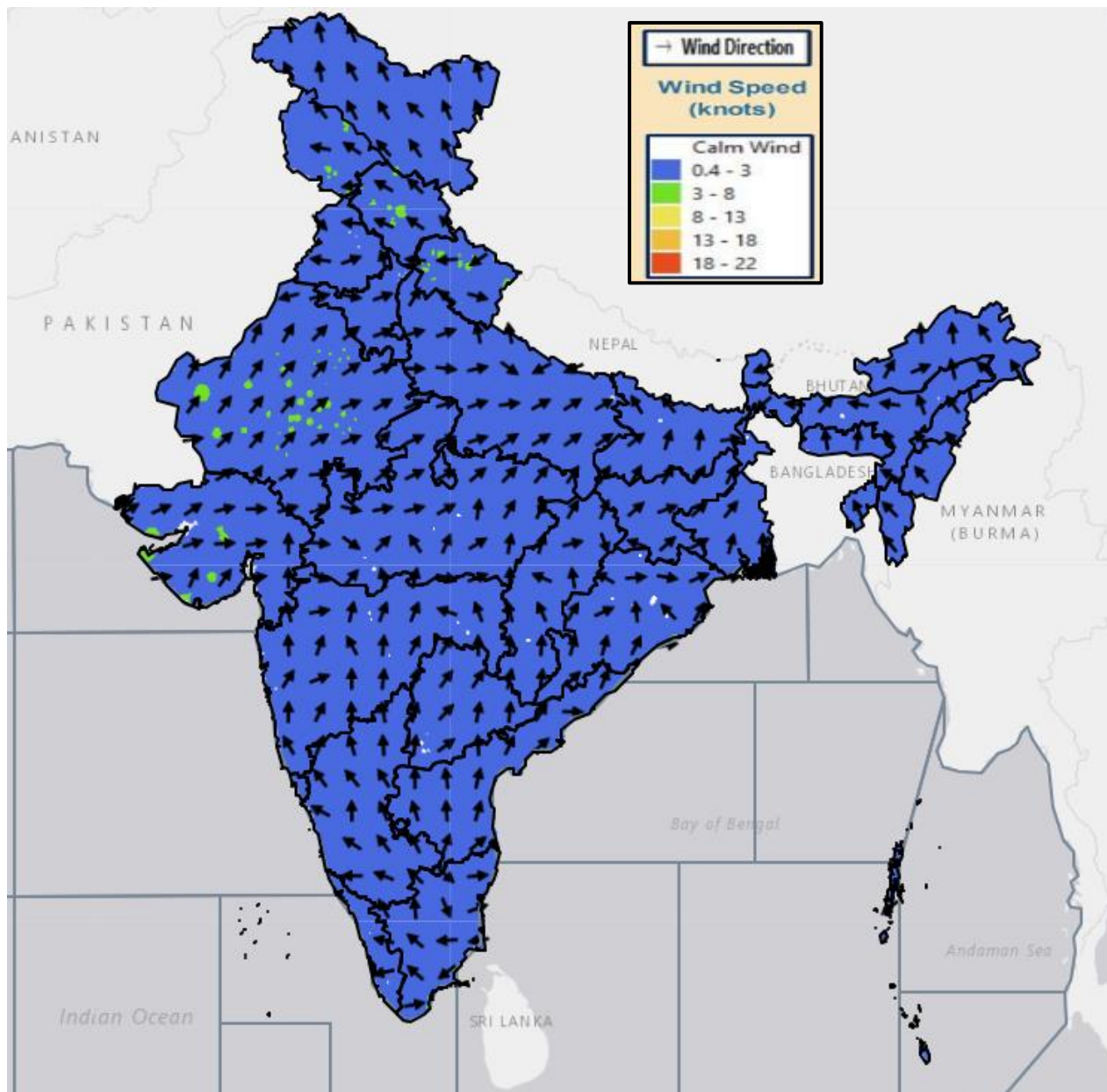


Annexure 3



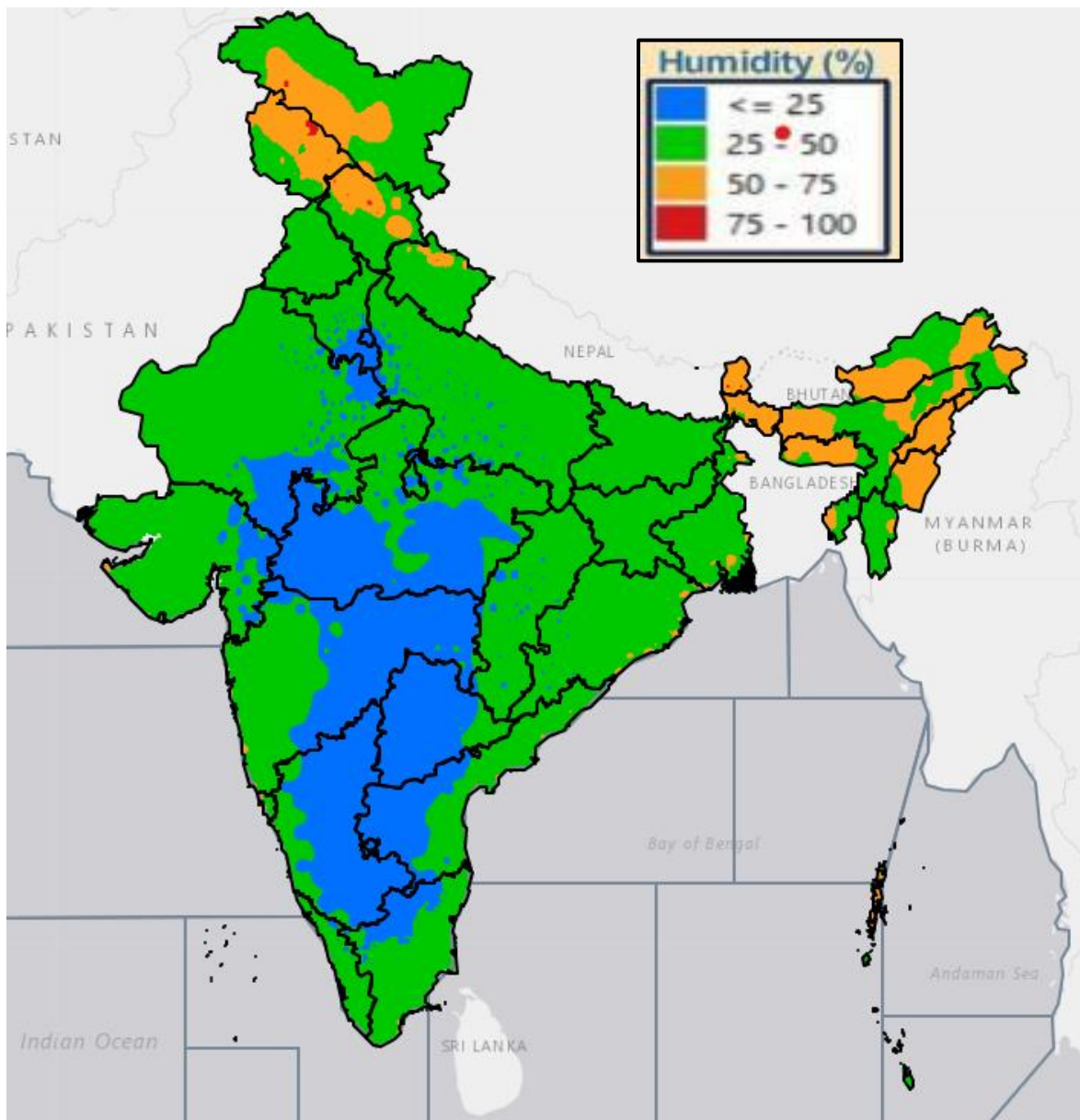
Annexure 4

Wind (Speed & Direction) valid for 1430 hours IST of 13th March, 2026 based on 1730 hours IST of 12th March, 2026:



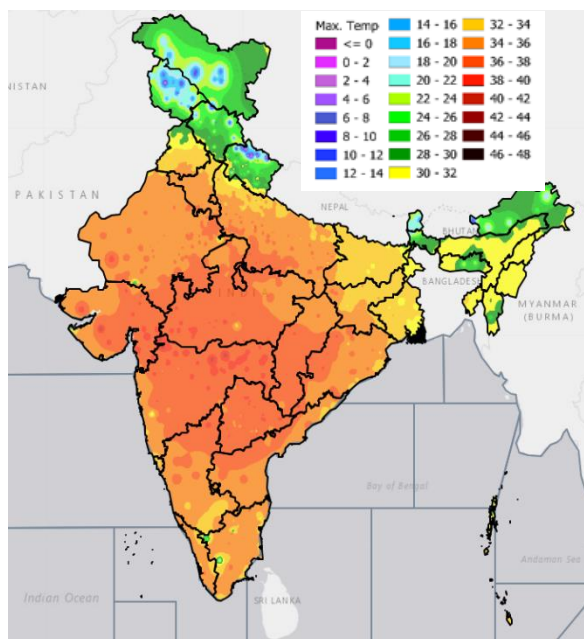
Annexure 5

Relative Humidity (RH) valid for 1430 hours IST of 13th March, 2026 based on 1730 hours IST of 12th March, 2026:

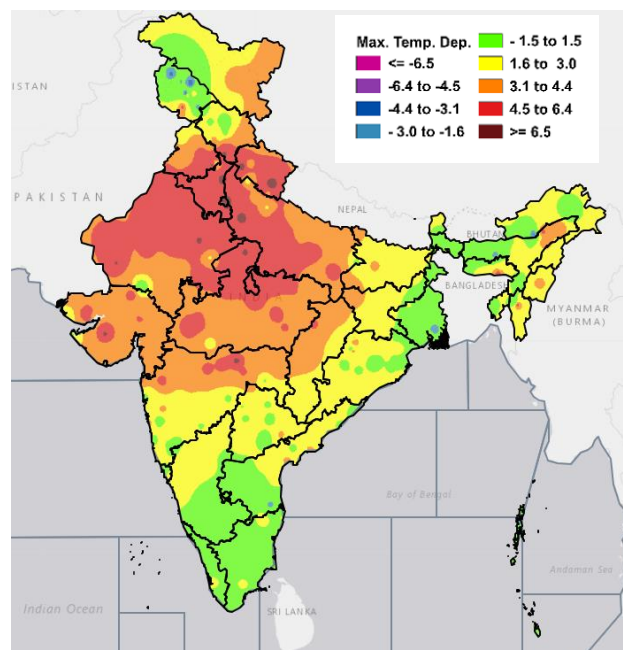


Annexure 6

(A) Tmax for 13.03.2026 based on 1730 hours IST of 12.03.2026



(B) Tmax Dep. for 13.03.2026 based on 1730 hours IST of 12.03.2026



Impact expected and action suggested due Heat wave/severe heat wave conditions

Red alert Areas

- ❖ Very high likelihood of developing heat illness and heat stroke in all ages.
- ❖ Extreme care needed for vulnerable people.

Orange alert Areas

- ❖ High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- ❖ High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ❖ Avoid heat exposure- keep cool. Avoid dehydration.
- ❖ Drink sufficient water- even if not thirsty.
- ❖ Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Yellow alert Areas

- ❖ Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ❖ Avoid heat exposure.
- ❖ Wear lightweight, light colour, loose, cotton clothes.
- ❖ Cover your head, use a cloth, hat or umbrella.

Region wise classification of meteorological Sub-Divisions:

- **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.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

Annexure 7

Heat Wave

Heat wave is considered if maximum temperature of a station reaches at least 40°C or more for Plains, 37°C or more for coastal stations and at least 30°C or more for Hilly regions. Following criteria are used to declare heat wave:

a) Based on Departure from Normal

- *Heat Wave*: Departure from normal is 4.5°C to 6.4°C
- *Severe Heat Wave*: Departure from normal is >6.4°C

b) Based on Actual Maximum Temperature (for plains only)

- *Heat Wave*: When actual maximum temperature $\geq 45^\circ\text{C}$
- *Severe Heat Wave*: When actual maximum temperature $\geq 47^\circ\text{C}$

Warm Night

Warm Night is considered if maximum temperature of a station reaches at least 40°C or more for Plains, 37°C or more for coastal stations and at least 30°C or more for Hilly regions. Following criteria is used to declare Warm Night:

- Minimum temperature Departure from normal should be $\geq 4.5^\circ\text{C}$.

To declare heat wave, the above criteria should be met at least in 2 stations in a Meteorological sub- division for at least two consecutive days and it will be declared on the second day.

Heat Wave Warning

Green (No action)	Normal Day	Maximum temperatures are near normal
Yellow Alert (Be updated)	Heat Alert	Heat wave conditions at district level likely to persist for 2 days
Orange Alert (Be prepared)	Severe Heat Alert for the day	(i) Severe heat wave conditions persist for 2 days. (i) With varied severity, heat wave is likely to persist for 4 days or more
Red Alert (Take Action)	Extreme Heat Alert for the day	(i) Severe heat wave persists for more than 2 days. (ii) Total MAXIMUM TEMPERATURES number of heat/severe heat wave days likely to exceed 6 days.