



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

**Press Release
Date: 14th March, 2022
Time of Issue: 1145 hrs IST**

Subject: Heat Wave to severe heat wave conditions in some parts of Saurashtra-Kutch & Konkan and heat wave conditions over Coastal Karnataka, Southwest Rajasthan & Gujarat region.

Weather observed during past 24 hours:

- ✓ **Maximum Temperatures (13/03/2022)** recorded around 38-40°C over most parts of Gujarat state; some parts of West Rajasthan and Konkan and in isolated pockets over Vidarbha and Kerala.
- ✓ **Heat Wave conditions** in a few pockets with **Severe Heat Wave conditions** in isolated pockets were observed over Saurashtra-Kutch and **Heat Wave conditions** in a few pockets over Konkan-Goa and in isolated pockets over coastal areas of Gujarat Region.
- ✓ The maximum temperatures were **above normal by 3-6°C** at many places over Gujarat State, Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Rajasthan, Konkan & Goa, Coastal Karnataka, Kerala-Mahe, Arunachal Pradesh, Assam-Meghalaya and Nagaland-Manipur-Mizoram-Tripura.

Maximum Temperature Forecast:

- ✓ Rise in maximum temperatures by 2-3°C very likely over most parts of Northwest, Central & northeast India during next 3 days and no significant change thereafter.
- ✓ Gradual rise in maximum temperatures by 2-4°C very likely over most parts of East India during next 4-5 days.
- ✓ No significant change in maximum temperatures very likely over Gujarat & Maharashtra during next 3 days and fall by 2-3°C thereafter.
- ✓ No significant change in maximum temperatures over rest parts of the country.

Heat Wave warning:

- ✓ **Heat Wave conditions to Severe Heat Wave conditions** very likely in some parts of Saurashtra-Kutch and in isolated pockets over Konkan on 14th & 15th and **Heat Wave conditions** in isolated pockets on 16th March, 2022.
- ✓ **Heat Wave conditions** in isolated pockets over Gujarat Region & Southwest Rajasthan during 14th to 16th and over Coastal Karnataka on 14th & 15th March, 2022.

Weather Forecast:

- ✓ Weather likely to be dry over most parts of the country except light isolated rainfall over South Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe during 16th-18th and light isolated/scattered rainfall over Andaman & Nicobar Islands during 14th-18th March, 2022.
- ✓ **Strong Winds** (speed reaching 25-35 kmph) likely to prevail over plains of Northwest India on 16th & 17th March, 2022.

For more details refer:

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

Impact expected and action suggested due to Severe heat wave conditions over Saurashtra & Kutch and Konkan.

Impact expected:

- Heat wave could lead to moderate health concern for vulnerable people e.g. infants, elderly, people with chronic diseases
- Increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.

Action suggested:

- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Avoid heat exposure, wear lightweight, light-colored, loose, cotton clothes and cover the head by use of cloth, hat or umbrella etc.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Today
14/03/2022



Tomorrow
15/03/2022



16/03/2022



17/03/2022



18/03/2022



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

