Current Temperature Status and Heat Wave Warning for next five days

Dated: 24th May, 2022
Time of Issue: 1620 Hrs IST

Maximum Temperature Scenario:

Observed Maximum Temperature: - Maximum Temperatures (as on 23/05/2022) were more than 40°C in most parts of Vidarbha; in many parts of Rayalaseema; in some parts of East Madhya Pradesh, Chattisgarh, Odisha and Coastal Andhra Pradesh and in isolated pockets of West Rajasthan. Maximum temperatures were appreciably above normal (+3.1°C to +5.0°C) at many places over Arunachal Pradesh; at a few places over Coastal Andhra Pradesh & Yanam; above normal (1.6°C to 3.0°C) at a few places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and Konkan & Goa and at isolated places over Gangetic West Bengal and Saurashtra & Kutch. Yesterday, the highest maximum temperature of 43.3°C was reported at Tuni (Coastal Andhra Pradesh) and Jaisalmer (West Rajasthan).
Maximum Temperature Forecast:-

- No significant change in maximum temperatures over most parts of Northwest & Central India today and rise by 3-5°C over northwest India & by 2-4°C over central India thereafter.
- No significant change in maximum temperatures very likely over rest parts of the country during next 5 days.

Minimum Temperature Scenario:

Warm Night: - NIL.

Minimum Temperature: - Minimum temperatures are above normal (1.6°C to 3.0°C) at many places over Saurashtra & Kutch; at a few places over Telangana; at isolated places over Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Andaman & Nicobar Islands.
Temperatures Recorded at 1430 Hours IST of Today, the 24th May, 2022

- Machilipatnam (Coastal Andhra Pradesh) recorded the highest temperature of 42.0°C.
- Temperatures recorded at 1430 hours IST of today have risen by 3°C or more at most places over West Uttar Pradesh and at a few places over East Uttar Pradesh. Temperatures have fallen by 5°C or more at most places over Himachal Pradesh and at isolated places over Jammu & Kashmir; between 2-5°C at most places over East Madhya Pradesh and Chattisgarh and at isolated places over Punjab, West Rajasthan, Odisha and Coastal Andhra Pradesh.
Heat Wave Warnings for Next 5 Days

DAY-1: Nil

DAY-2: Nil

DAY-3: Nil

DAY-4: Heat wave conditions in isolated pockets likely over West Rajasthan.

DAY-5: Heat wave conditions in isolated pockets likely over West Rajasthan.
Impact of heat wave and action suggested

Heat wave could lead to moderate health concern for vulnerable people e.g. infants, elderly, people with chronic diseases over heat wave affected areas. Hence people of these regions should avoid heat exposure, wear lightweight, light-colored, loose, cotton clothes and cover the head by use of cloth, hat or umbrella etc.

<table>
<thead>
<tr>
<th>Colour code</th>
<th>Alert</th>
<th>Warning</th>
<th>Impact</th>
<th>Suggested Actions</th>
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<tbody>
<tr>
<td>Green (No action)</td>
<td>Normal Day</td>
<td>Maximum temperatures are near normal.</td>
<td>Comfortable temperature. No cautionary action required.</td>
<td>No cautionary action required</td>
</tr>
<tr>
<td>Yellow Alert (Be updated)</td>
<td>Heat Alert</td>
<td>Heat wave conditions at isolated pockets persists on 2 days</td>
<td>Moderate temperature. Heat is tolerable for general public but moderate health concern for vulnerable people e.g. infants, elderly, people with chronic diseases</td>
<td>(a) Avoid heat exposure. (b) Wear lightweight, light coloured, loose, cotton clothes. (c) Cover your head: Use a cloth, hat or umbrella</td>
</tr>
<tr>
<td>Orange Alert (Be prepared)</td>
<td>Severe Heat Alert for the day</td>
<td>i. Severe heat wave conditions likely to persist for 2 days. ii. With varied severity, heat wave is likely to persist for 4 days or more.</td>
<td>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.</td>
<td>a) Avoid heat exposure– keep cool. Avoid dehydration. (b) Drink sufficient water- even if not thirsty. (c) Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated</td>
</tr>
<tr>
<td>Red Alert (Take Action)</td>
<td>Extreme Heat Alert for the day</td>
<td>i. Severe heat wave likely to persist for more than 2 days. ii. Total number of heat/severe heat wave days likely to exceed 6 days.</td>
<td>Very high likelihood of developing heat illness and heat stroke in all ages.</td>
<td>Extreme care needed for vulnerable people.</td>
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