



Situation Report 1

Heatwave in India

05 May, 2022

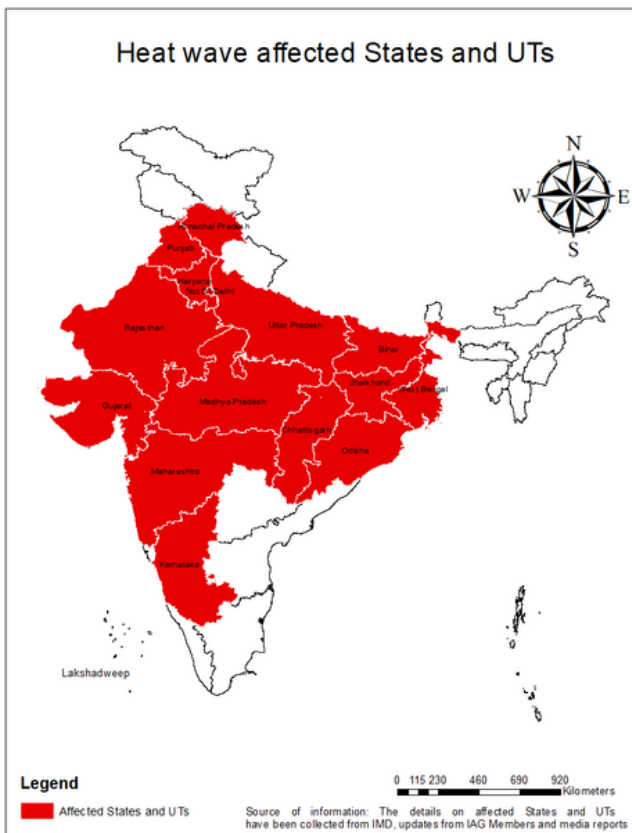
23:00



SITUATION UPDATE AND RESPONSE

Situation

Northwest and central India experienced the hottest April in recorded history since 1901. The month also recorded the highest frequency of heat waves in India after 2010, with around 146 heat waves, including severe heat wave instances, till April 28 this year.



Situation Updates

States affected - 14
Union territories affected: 02

Population affected - NA

Human lives lost - 25

Injured - NA

Houses damaged - NA

Loss of livestock - NA

Persons evacuated - NA

Relief Camps - NA

Crop area affected - NA



Humanitarian Response

Government Preparedness and Response

Situation on heatwave: April this year ended as the third warmest month in India over 122 years. Prolonged and frequent heatwaves affected major parts of the country during April, taking the maximum temperatures at many places in west Rajasthan, east Uttar Pradesh, west Madhya Pradesh, Vidarbha in Maharashtra to over 45 degrees Celsius. 11 meteorological stations in the country – across Himachal Pradesh, Odisha, Jharkhand, Uttar Pradesh, Rajasthan, Madhya Pradesh, Punjab, Karnataka and Lakshadweep – surpassed their existing temperature records for April. Maharashtra has reported 374 cases of heat stroke in the month of April and May. 25 died of heat stroke in Nagpur of Maharashtra. The intense heatwave that prevailed over the southern and western districts of West Bengal has been reduced in certain parts over the last 2-3 days. However, the heat continues to get worse in the central region of West Bengal.

Preparedness

- IMD reported heat wave conditions prevailing in isolated pockets of northwest Rajasthan and south Haryana.
- Maximum Temperatures (as on 02/05/2022) were 42-44°C over most parts of Rajasthan, Madhya Pradesh, Vidarbha, Telangana; in isolated pockets of south Haryana, West Uttar Pradesh, north Madhya Maharashtra, Marathawada and 40-42°C in many parts of Gujarat state and in isolated pockets of Delhi, northern parts of Odisha, Jharkhand, Chhattisgarh, Rayalaseema and Coastal Andhra Pradesh.
- Forecast: Heat Wave conditions in isolated pockets over north Madhya Maharashtra during 04th to 06th; over West Rajasthan on 06th & 07th May and over East Rajasthan on 07th May.
- IMD has issued alerts for heat wave in 24 districts of Bihar.
- The Central Government on May 1 issued an advisory to states urging them to ensure hospitals were ready to deal with an expected surge in demand.

Response

- The central government held a crucial meeting to review preparations for heatwave management on May 5th, 2022. The prime minister emphasized that "we need to take all measures' to avoid deaths due to heatwave or fire incidents". He added to take timely actions and ensure that the response time should be minimal in such cases.
- The centre has issued advice people not to get out in the sun, especially between 12 PM to 3 PM.
- SDMAs in the affected states have initiated response actions through district administration and line departments.
- The State Government issued an order revising the school timings from 6 am to 9 am in Odisha. The revised timetable is in effect from May 2, 2022.



Humanitarian Response

Government Preparedness and Response

Response

- Haryana government on Monday issued an order altering private and government school timings in the state from May 4 onwards. According to the order, schools will now function from 7 am to 12 pm.
- The Government of West Bengal had announced vacation for schools across the state from the May 2, in view of the heatwave condition in West Bengal. The universities are provided with the choices to either opt for online classes or to bring forward the vacation.
- Considering the severity of the heat wave in the state, the Punjab government has declared summer vacation in all schools from May 14.
- Besides the recent announcement of school closure, the Government of Odisha has also announced the closure of colleges and universities till May 2. There will be no change in other activities such as examination, administrative and research work.
- Districts such as Jaipur, Ajmer, Sikar, Churu, and Jodhpur in the state of Rajasthan have also revised the timing of schools due to the severity of the heat wave situation in the state. The temperature in many of these districts are shooting up to 45 degree Celsius.

AVOID GOING OUT IN THE SUN

TAKE THE FOLLOWING PRECAUTIONS

- Listen to Radio; watch TV; read Newspaper for local weather news.
- Drink sufficient water - even if not thirsty.
- Use ORS (Oral Rehydration Solution), homemade drinks like lassi, torani (rice water) lemon water, buttermilk, etc. to keep yourself hydrated.
- Wear lightweight, light-coloured, loose, cotton clothes.
- Cover your head: Use a cloth, hat or umbrella.
- Keep animals in shade and give them plenty of water to drink.
- Do not leave children or pets in parked vehicles - as they may get affected by Heat Wave.

Issued in public interest by:
National Disaster Management Authority
 NDMA Bhawan, A-1, Saketmarg Enclave, New Delhi - 110029

Follow us on: @NDMA.in @ndmaIndia ndmaIndia NDMAIndia

For more information log on to: www.ndma.gov.in

Source: NDMA

Disclaimer:

Sphere India makes every effort to verify the information contained in its Situation Reports. As the ground situation changes rapidly in emergency situations, users should check with concerned agencies before making any decisions based on the information provided in this report.



Humanitarian Response



NGO Preparedness and Response

- Inter Agency Coordination Committee meeting has been conducted, and members discussed the current situation of heat waves in India and measures to be taken to respond to the heat waves across different states.
- Sphere India will facilitate a Joint Rapid Needs Assessment (JRNA) for heat waves in the following states; Uttar Pradesh, Rajasthan, Bihar, Madhya Pradesh, and Maharashtra.
- Save the Children is aiming to intervene in Patna and Gaya districts related to heatwave action.
- NGOs call for action and support in bringing mass awareness and developing action plans focused on vulnerable communities.
- Kerala SDMA, UNICEF and Sphere India jointly convened the meeting of IAG Kerala on heat stress and precautions. The meeting was attended by more than 60 Member NGOs.



Kerala IAG Meeting on Heat stress and precautions

| Meteorological station | New temperature record | Existing temperature record |
|------------------------|------------------------|-----------------------------|
| Allahabad | 46.8 | 46.6 |
| Daltonganj | 46.0 | 45.6 |
| Jaisalmer | 45.9 | 45.8 |
| Alwar | 45.8 | 45.1 |
| Lucknow Airport | 45.1 | 45.0 |
| Ratlam | 45.0 | 44.9 |
| Ferozpur | 43.7 | 43.4 |
| Motihari | 41.5 | 41.4 |
| Pachmari | 39.8 | 38.9 |
| Dharamshala | 36.2 | 35.6 |
| Madikeri | 34.8 | 34.2 |

Source: IMD



Source of Information:

- IMD, NDMA,
- Times of India, Indian Express,



Key Contacts:

- 1) **Mr. Vijeesh P**
IAG Coordinator - Kerala
M.No: +91 9746649929
- 2) **Mr. Midhun P Chandrababu**
Program Coordinator, Inter Agency Coordination
M. No: +918078125490 E: midhun@sphereindia.org.in

Disclaimer:

Sphere India makes every effort to verify the information contained in its Situation Reports. As the ground situation changes rapidly in emergency situations, users should check with concerned agencies before making any decisions based on the information provided in this report.