





Current Temperature Status and Heat Wave Warning

Dated: 04th April, 2024 Time of Issue: 1645 Hrs IST

Observed Temperature Scenario:-

Maximum Temperature & its departure (Yesterday) (Annexure 1):-

- Yesterday, Maximum temperatures were in the range of 40-42°C over many parts of Vidarbha, some parts of south Chhattisgarh, Marathwada, Telangana & adjoining north interior Karnataka, Rayalaseema and at isolated pockets over southeast Uttar Pradesh, North Interior Odisha, Madhya Maharashtra, coastal Andhra Pradesh & south interior Tamil Nadu.
- Yesterday, the maximum temperature exceeded 98th percentile over some parts of Vidarbha and at isolated pockets over East Rajasthan, southwest Rajasthan, northwest Madhya Pradesh, East Madhya Pradesh, Marathwada, Odisha, Interior Karnataka, Telangana & Rayalaseema.
- Yesterday's Highest Maximum Temperature on Plains: 43.0°C at Nandyal (Rayalaseema).
- Markedly above normal (5.1°C or more):- NIL.
- Appreciably above normal (3.1°C to 5.0°C):- At isolated places over Madhya Pradesh, Vidarbha, Telangana.
- Above normal (1.6°C to 3.0°C) :- At most places over Rayalaseema, Interior Karnataka & Marathwada, West Bengal & Sikkim; at many places over Bihar, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Haryana-Chandigarh-Delhi; at a few places over Uttar Pradesh, Himachal Pradesh , East Rajasthan, Assam & Meghalaya, Nagaland, Manipur, Mizoram, Tripura, Coastal Andhra Pradesh, Yanam & Chhattisgarh; at isolated places over Punjab, Uttarakhand, Odisha, Konkan & Goa & Coastal Karnataka.

Minimum Temperature & its departure (Today) (Annexure 2):-

- Markedly above normal (5.1°C or more):- NIL.
- Appreciably above normal (3.1°C to 5.0°C):- At many places over Tripura, Manipur; at isolated places over Marathwada, Madhya Maharashtra, east Rajasthan, Madhya Pradesh, Odisha.
- Above normal (1.6°C to 3.0°C) :- at most places over West Uttar Pradesh, North Interior Karnataka, Jharkhand, Mizoram; at many places over East Uttar Pradesh, West Bengal & Sikkim, Haryana-Chandigarh-Delhi, Gujarat Region, Vidarbha, Telangana, Chhattisgarh; at a few places over Uttarakhand, Saurashtra & Kutch, Bihar, Assam & Meghalaya; at isolated places over Punjab, Himachal Pradesh, Coastal Karnataka, Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Konkan & Goa, Rayalaseema.
- Heat wave conditions:- Heat wave conditions prevailed in isolated pockets over North Interior Karnataka.
- Warm night conditions:- NIL.





- Percentile Temperature (Annexure 3) :-
- ◆ Temperatures Recorded at 1430 Hours IST of Today, the 04th April, 2024 (Annexure 4) :-
- Kurnool(Rayalaseema) recorded the highest temperature of 42.4°C.
- Wind Speed & Relative Humidity Recorded at 1430 Hours IST of Today (Annexure 5) :-

Maximum Temperatures Forecast :-

- Gradual rise in maximum temperatures by 2-3°C very likely over many parts of East India during next 3 days and gradual fall by 3-4°C thereafter.
- No significant change in maximum temperatures very likely over Maharashtra during next 2 days and gradual fall by 2-3°C thereafter.
- No significant change in maximum temperatures very likely over rest parts of the country.
- The maximum temperature likely to exceed 98th percentile at isolated pockets over Karnataka & Rayalaseema during 04th-07th; south Kerala during 05th-07th and north interior Tamil Nadu on 06th & 07th April, 2024.





National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Hot Weather Warnings for Next 5 Days

DAY-1:-

- Warm night very likely to prevail in isolated pockets over Chhattisgarh, Odisha and North Interior Karnataka.
- Heat wave conditions very likely at isolated places over Gangetic West Bengal, Jharkhand, Odisha, Coastal Andhra Pradesh & Yanam, Rayalaseema and North Interior Karnataka.
- Hot and humid weather very likely to prevail over Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

DAY-2:-

- Warm night very likely to prevail in isolated pockets over Vidarbha, Chhattisgarh and North Interior Karnataka.
- Heat wave conditions very likely at isolated places over Vidarbha, Gangetic West Bengal, Jharkhand, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and North Interior Karnataka.
- Hot and humid weather very likely to prevail over Coastal Karnataka, Konkan & Goa, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

DAY-3:-

- Warm night very likely to prevail in isolated pockets over Vidarbha, Odisha and North Interior Karnataka
- Heat wave conditions very likely at isolated places over Vidarbha, Gangetic West Bengal, Jharkhand, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and North Interior Karnataka.
- Hot and humid weather very likely to prevail over Coastal Karnataka, Konkan & Goa, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

DAY-4:-

 Hot and humid weather very likely to prevail over Konkan & Goa, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

DAY-5:-

Hot and humid weather very likely to prevail over Kerala
& Mahe and Tamil Nadu, Puducherry & Karaikal.



For Districtwise heat wave warning visit: <u>https://mausam.imd.gov.in/responsive/districtWiseHeatwaveW</u> <u>arning.php</u>

For GIS Based Heat Wave Warning visit: http://103.215.208.18/dwr_img/GIS/heatwave.html





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LEGENDS



When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum

(c). Criteria for heat wave for coastal stations

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5 °C to 6.4 °C.

Severe Warm Night: When minimum temperature departure >6.4 °C.

temperature ≥37°C

1+

Warm Night