



భారత ప్రభుత్వం
భూ విజ్ఞాన మంత్రిత్వ శాఖ
భారత వాతావరణ శాఖ
వాతావరణ కేంద్రం అమరావతి

భారత सरकार
पृथ्वी विज्ञान मंत्रालय
भारत मौसम विज्ञान विभाग
मौसम केन्द्र, अमरावती -522240



Government of India
Ministry of Earth Science
India Meteorological Department
Meteorological Centre, Amaravati-522240

Special bulltine-14

DATE: 25.04.2024

TIME: 1400 HRS IST

Sub: Heat wave conditions likely to prevail at isolated places over Andhra Pradesh during 25th April 2024 to 29th April 2024

- Yesterday's Maximum Day Temperature recorded over Andhra Pradesh: **43.7°C over Anantapur.**
- Yesterday's Highest Minimum Temperature recorded over Andhra Pradesh: **28.3°C over Kurnool.**
- Yesterday, the maximum temperature exceeded 98th percentile at isolated pockets over Coastal Andhrapradesh & Rayalaseema

Due to prevailing mainly South-Easterly/South-westerly dry air and high solar insolation, consequently maximum temperature (Day Temperature) likely to be more than 40°C at many places over the districts of Rayalaseema and Coastal Andhra Pradesh and likely to be above normal by 2 to 4°C during 25th April, 2024 to 29th April, 2024. People are advised to take precautionary measures while going outside during day time between 1100 IST-1500 IST.

Maximum Temperature: Maximum temperature (Day Temperature) likely to be between 42 to 45°C at a few places over the districts of Rayalaseema, Coastal Andhra Pradesh during next 5 days.

Minimum Temperature: Minimum temperature (night temperature) likely be between 27-30°C over the districts of Andhra Pradesh and no large change thereafter.

Relative Humidity: As the relative humidity remains in the range of 60 to 80% over coastal Andhra Pradesh and between 30 to 40% over districts of Rayalaseema.

Heat Index: Heat Index is likely to be 40-50°C at many places of Rayalaseema and Coastal Andhra Pradesh & Yanam during next 3 days and thereafter likely to be 50-60°C over Rayalaseema and Coastal Andhra Pradesh & Yanam.

People are advised to take precautionary measure while going outside during day time between 1100 IST-1500 Hrs IST in prevailing heatwave over Coastal Andhra Pradesh and Rayalaseema. The maximum temperature likely to exceed 98th percentile at isolated pockets over Rayalaseema during 25th April 2024 to 29th April 2024.



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Day's	Warnings
Day-1 (25th April 2024)	Yellow warning:-(Be Updated) Heat wave condition very likely to occur at one or two places over the districts of Srikakulam, Parvathipuram manyam, Vizianagaram, Visakhapatnam, Anakapalli,Kakinada,Nandyala, Kurnool, Anantapur, YSR, Tirupathi. Hot, humid and discomfort weather likely at isolated places over the remaining districts of Coastal Andhra Pradesh and Rayalaseema.. Thunderstorm accompanied with lightning likely at isolated places over Srikakulam, Parvathipurammanyam,Vizianagaram,Visakhapatnam . Gusty winds with speed 40-50 kmph likely at isolated places over Srikakulam, Parvathipurammanyam,Vizianagaram,Visakhapatnam
Day-2 (26th April 2024)	Yellow warning:-(Be Updated) Heat wave condition very likely to occur at one or two places over the districts of Srikakulam, Vizianagaram, Visakhapatnam, Anakapalli,Kakinada,Nandyala, Kurnool, Anantapur, YSR, Tirupathi. Hot, humid and discomfort weather likely at isolated places over the remaining districts of Coastal Andhra Pradesh and Rayalaseema..
Day-3 (27th April 2024)	Yellow warning:-(Be Updated) Heat wave condition very likely to occur at one or two places over the districts of Kurnool,Anantapur, YSR, Nandyala, Tirupati, Prakasam, NTR ,Palnadu, Eluru, Kakinada, Dr.B.R.Ambedkar Konaseema, Anakapalli, Visakhapatnam, Vizianagaram, Srikakulam. Hot, humid and discomfort weather likely at isolated places over the remaining districts of Coastal Andhra Pradesh and Rayalaseema.
Day-4 (28th April 2024)	Yellow warning:-(Be Updated) Heat wave condition very likely to occur at one or two places over the districts of Anantapuram,Kurnool,Nandyal,YSR,Tirupati,NTR,Palnadu,Prakasam,Nellore,Guntur,Kakinada, Dr.B.R.Ambedkar Konaseema,Anakapalli,Visakhapatnam,Vizianagaram, Srikakulam. Hot, humid and discomfort weather likely at isolated places over the remaining districts of Coastal Andhra Pradesh and Rayalaseema.
Day-5 (29th April 2024)	Yellow warning:-(Be Updated) Heat wave condition very likely to occur at one or two places over the districts of Nellore, Prakasam, Palnadu, NTR, Guntur,Eluru, Kakinada, Dr.B.R.Ambedkar Konaseema ,Alluri Sitaramaraju, Visakhapatnam, Vizianagaram, Srikakulam, Anakapalli and all districts of Rayalaseema. Hot, humid and discomfort weather likely at isolated places over the remaining districts of Coastal Andhra Pradesh.



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Impact:

1. Heat is tolerable for general public but slight health concern for vulnerable people (viz: infant, elderly, pregnant women and sick people).
2. It is advised to take precautionary measures for hot weather while going outside during peak hours of the day (around 1100 IST-1500 IST).
3. Heat cramp, heat rash likely during peak hours of the day between 1100 IST-1500 IST
4. Minor damage to agriculture and horticulture crop and plantation crops.

Action Suggested:

1. Avoid prolonged heat exposure.
2. Wear light weight, light colored, loose, cotton clothes.
3. Cover your head: use a wet cloth, hat or umbrella while going out during peak hours.
4. Drink sufficient water even if not feeling thirsty to avoid dehydration.
5. Use ORS, homemade drinks like lassi, torani (rice water), sugarcane juice, lemon water, buttermilk, etc. to re-hydrate the body.
6. Caution workers to avoid direct sunlight during the peak hours.
7. Schedule strenuous jobs to cooler times of the day.
8. Increasing the frequency and length of rest breaks for outdoor activities.
9. Pregnant workers and workers with a medical condition should be given additional attention.
10. Recognize the signs of heat stroke, heat rash or heat cramps such as weakness, dizziness, headache, nausea, sweating and seizures. If you feel faint or ill, see a doctor/ hospital immediately.
11. Farmers are advised to continue irrigation activities in sugarcane, Paddy, maize, pulses and other crop and vegetables.
12. Paint terraces with White coating, use cool roof technology, cross ventilation, thermocol insulation
13. Keep surroundings cool. Take bath with cold water
14. People living in very old buildings and unmaintained structures may take caution (for two or more consecutive days).



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15. People are not advised to take shelter at safe places and avoid taking shelter under trees.

16. Move away from water bodies and electric poles and wires.

Dr.Sagili Karunasagar
Scientist C & LACD Head
Meteorological Centre, Amaravati



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To:

1. Chief secretary, Government of Andhra Pradesh.
2. M.D., ASPDMA, Government of Andhra Pradesh.
3. Principal secretary, Department of Agriculture, Government of Andhra Pradesh.
4. Principal secretary, Department of Animal Husbandry, Government of Andhra Pradesh.
5. Principal secretary, Department of Higher Education, Government of Andhra Pradesh.
6. Principal secretary, Department of Public Health and Family Welfare, Government of Andhra Pradesh.
7. Special secretary, Department of Water Resource, Government of Andhra Pradesh.
8. Principal secretary Department Panchayat Raj and Rural development, Government of Andhra Pradesh.
9. Relief commissioner, Government of Andhra Pradesh.
10. Andhra Pradesh State Election commission.
11. Regional administrator/Deputy Collector of Yanam.
12. Chief Controller, South Central Railways.

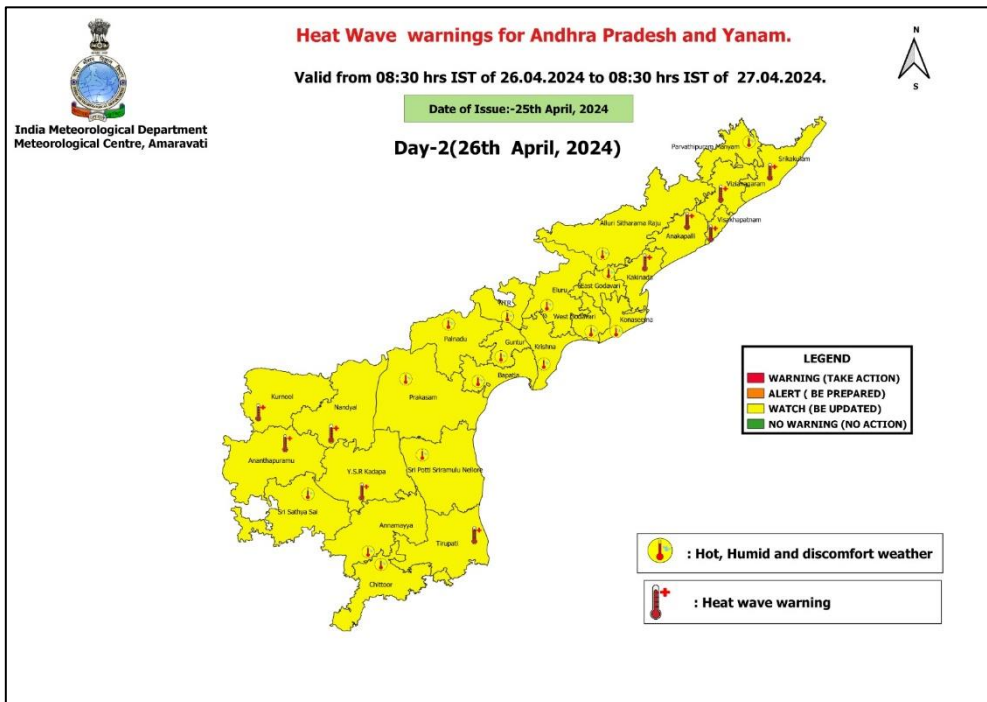
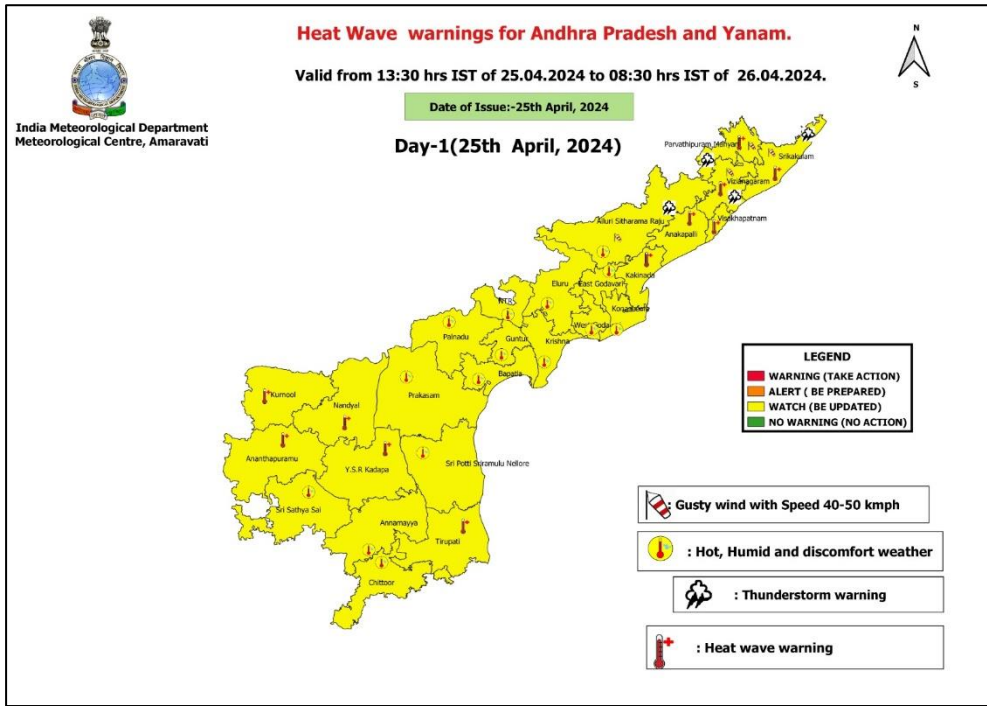


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Next Five day's Heat Wave Warnings



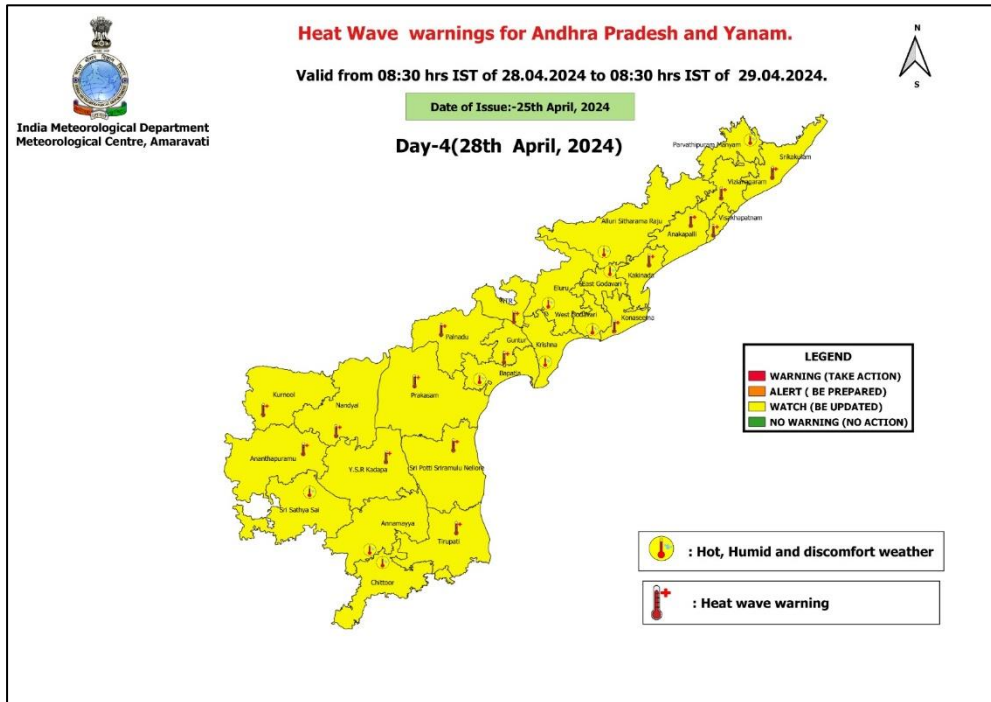
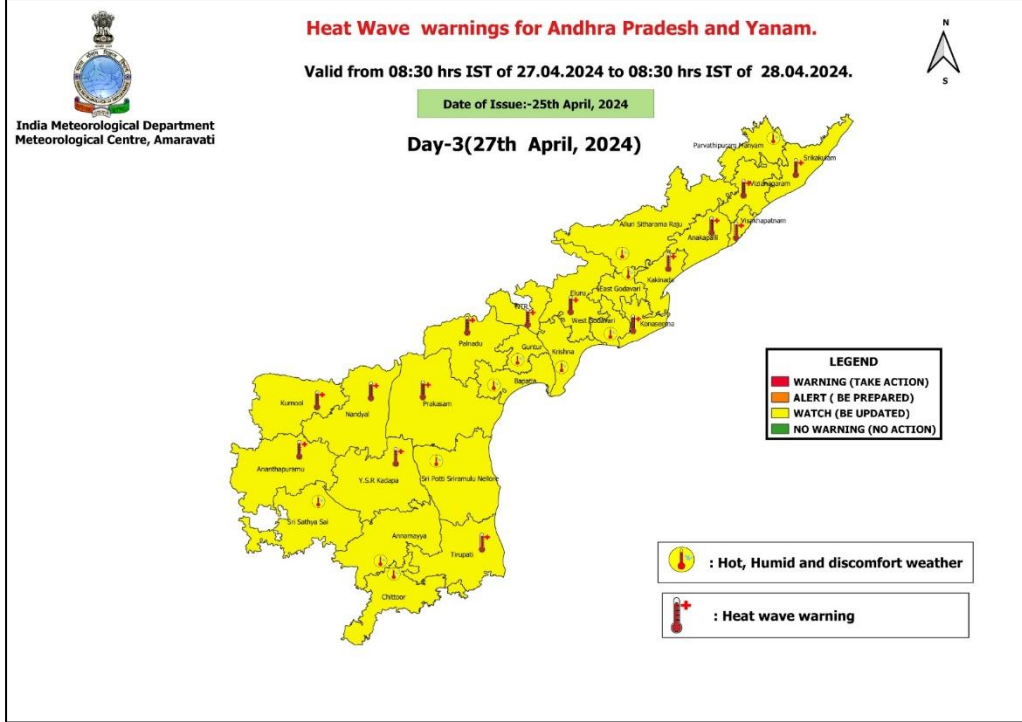


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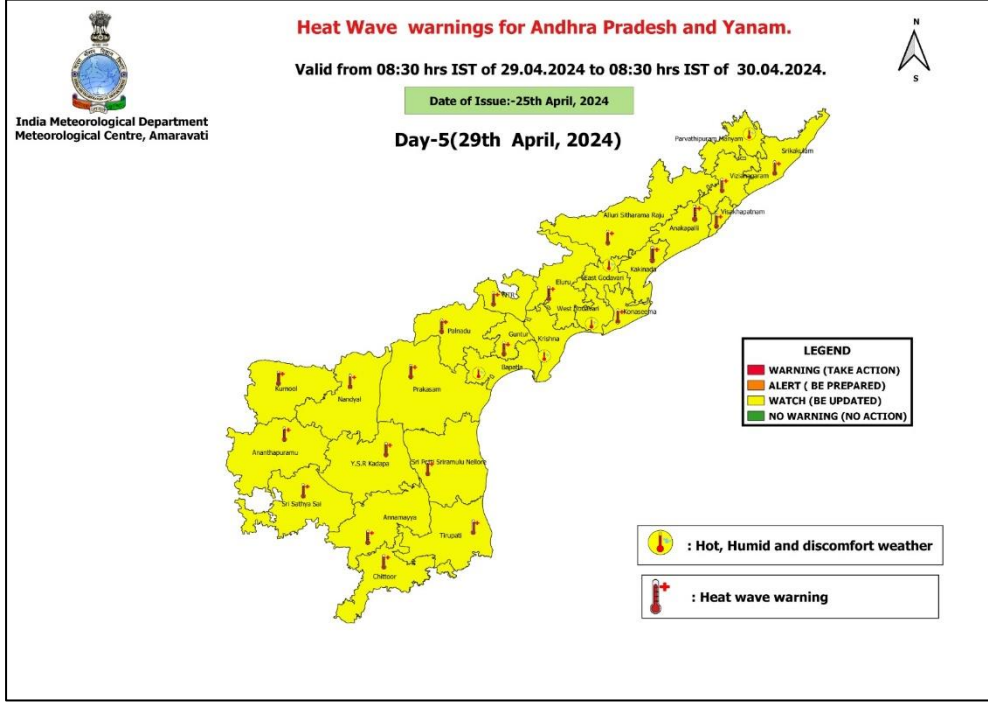


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Web Link for Heatwave products: http://103.215.208.18/dwr_img/GIS/heatwave.html

Contact us: Phone:8331086973, Email: mc.amaravati@gmail.com,

Visit us: <https://mausam.imd.gov.in/amaravati/>

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Android apps: Mausam- weather forecast; Damini- lightning; Meghdoot agriculture forecast.

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