

भारत सरकार  
पृथ्वी विज्ञान मंत्रालय  
भारत मौसम विज्ञान विभाग  
मौसम विज्ञान के उप  
महानिदेशक  
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**Special Bulletin - 5**

**Subject: (i) Severe Heat wave condition is likely to continue over Bankura, Purulia, West Burdwan, Jhargram and Birbhum during during 19-20<sup>th</sup> April and Malda, North & South Dinajpur districts of West Bengal on 19<sup>th</sup> April,2023(Red Warning).**

**(ii) Heat wave condition is likely to prevail over rest districts of South Bengal during 19-21<sup>st</sup> April,2023 and Malda, North & South Dinajpur districts on 20<sup>th</sup> April,2023(Orange Warning).**

**(iii) Hot & Discomfort weather is very likely over Jalpaiguri, Cooch Behar and Alipurduar districts of North Bengal except hilly areas during 19-21<sup>st</sup> April,2023(Yellow Warning).**

Mainly dry NorthWesterly wind is prevailing over the region. Meteorological conditions suggest that no large change in Maximum temperature during 19-21<sup>st</sup> April and thereafter gradual fall by 2-3 °C.

**Realized (Maximum temperature in °C recorded at 1730 hours IST of 18.04.2023):** Krishnanagar – 40.8(5), Bankura – 44.1(6), Sriniketan – 43.0(6), Berhampore – 41.6(5), Magra – 40.5(5), Bardhaman – 43.2(6), Asansol – 43.1(5), Purulia – 43.1(5), Malda – 42.8(7), Balurghat – 42.0(7)..

**Forecast:-** Mainly dry weather is very likely to prevail over the districts of West Bengal except hilly areas during 19-21<sup>st</sup> April.

**South Bengal**

**Warning(Red):** 19.04.2023 & 20.04.2023: Severe Heat wave condition is very likely to prevail at one or two places over Bankura, Purulia, West Burdwan, Birbhum and Jhargram districts.

**Warning(Orange):-** 19.04.2023 & 20.04.2023: Heat wave condition is likely to prevail at one or two places over rest districts.

**21.04.2023:** Heat wave condition is likely to prevail at one or two places over the districts of South Bengal.

**North Bengal:**

**Warning(Red):** 19.04.2023: Severe Heat wave condition is very likely to prevail at one or two places over Malda, North & South Dinajpur districts.

**Warning(Orange):20.04.2023:** Heat wave condition is likely to prevail at one or two places over Malda, North & South Dinajpur districts.

**Warning(Yellow):19.04.2023 & 20.04.2023:** Hot & Discomfort weather is very likely over rest districts of North Bengal except hilly areas.

**Temperature is likely to decrease gradually by 2-3 °C from 22<sup>nd</sup> April,2023 over the districts of West Bengal.**

**Possible Impact:**

1. Heat wave condition is likely.
2. Heat wave is of moderate concern for general public but severe health concern for vulnerable people e.g. infants, elderly, people with chronic diseases, people exposed to sun for prolonged period or doing heavy work.
3. Heat cramp, heat rash is likely.
4. Drying of plants of vegetable is very likely.
5. Heat injury is likely to livestock.

**Action suggested:**

1. **Avoid prolonged heat exposure.**
2. Wear lightweight, lightcoloured, loose, cotton clothes.
3. **Cover your head: Use a cloth, hat or umbrella.**
4. **Drink sufficient water- even if not thirsty to avoid dehydration.**
5. Caution workers to avoid direct sunlight during 11 AM – 4 PM.
6. Schedule strenuous jobs to cooler times of the day.
7. Increasing the frequency and length of rest breaks for outdoor activities.
8. Pregnant workers and workers with a medical condition should be given additional attention.
9. Keep the cattle indoor between 11 AM – 4 PM.
10. Irrigate the vegetable crops.
11. **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.**

Sd/-  
(Dr. G. K. Das)  
Scientist -E  
For Head, RMC, Kolkata

**Next update will be given on 21.04.2023.**

**Note:** 1.For detail information please visit our website [www.imdkolkata.gov.in](http://www.imdkolkata.gov.in) and Facebook page <https://www.facebook.com/KolkataWeatherIMD/>.