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## Red Alert in Jaipur | Rajasthan | 24 May 2024

### Why in News?

The **Jaipur weather office** has **issued a red alert** as temperatures are predicted to exceed 49 degrees in various parts of Rajasthan, emphasizing the importance of taking "**extreme care for vulnerable individuals.**"

### Key Points

- According to the [India Meteorological Department \(IMD\)](#), the [heatwave](#) will continue over the next few days. Severe heat wave conditions will be recorded in **Jodhpur, Bikaner divisions and Shekhawati region**.
  - To provide some relief from the scorching heat, the Bikaner district administration has started sprinkling water on the roads in various areas of the city.
  - Additionally, the **State government has cancelled the leave of officers and employees of the Water Department** to ensure an uninterrupted supply of drinking water.

### India Meteorological Department (IMD)

- **About:**
  - It is the **National Meteorological Service** of the country and the principal government agency in **all matters relating to meteorology** and allied subjects.
  - It is an agency of the **Ministry of Earth Sciences**, Government of India.
- **Objectives:**
  - To take **meteorological observations** and to provide current and forecast meteorological information for optimum operation of weather-sensitive activities like agriculture, irrigation, shipping, aviation, offshore oil explorations, etc.
  - To **warn against severe weather phenomena** like tropical cyclones, norwesters, dust storms, heavy rains and snow, cold and heat waves, etc., which cause destruction of life and property.
  - To **provide meteorological statistics** required for agriculture, water resource management, industries, oil exploration and other nation-building activities.
  - To **conduct and promote research** in meteorology and allied disciplines.