VISIBLE CHANGE

Extreme weather events have become a near-daily occurrence across India, and 2024 marked an increase in both their frequency and impact compared to the previous three years. Such events were recorded on 88 per cent of the days in 2024, resulting in 3,472 reported deaths and affecting at least 4.07 million hectares (ha) of crop area. This marks a sharp rise from 2023, when extreme weather events occurred on 87 per cent of days, causing 3,287 deaths and impacting 2.2 million ha of crop area. In 2022, some 86 per cent of days experienced such events, with 3,026 deaths and 1.96 million ha of crop damage

ON THE RISE

In 2024, India recorded the highest number of days affected by extreme weather events in the past three years, along with the most severe loss and damage. Human fatalities increased by 15 per cent between 2022 and 2024, while the crop area impacted in 2024 alone exceeded the combined losses recorded in 2022 and 2023



Chhattisgarh, Goa, Gujarat, Madhya Pradesh, Maharashtra and Odisha

Source: India's database on weather disasters dashboard by CSE-DTE Data Centre; Data sourced from the Disaster Management Division of Union Ministry of Home Affairs, India Meteorological Department and media reports

NORTHWEST INDIA

The only region in India to record its lowest number of extreme weather event days in 2024 over the past three years. However, it reported 2,791 deaths cumulatively since 2022, the highest number of fatalities among all regions during this period



States/UTs in the region

Delhi, Haryana, Himachal Pradesh, Jammu and Kashmir, Ladakh, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand

SOUTH PENINSULA

Human deaths in 2024 exceed the combined total of the past two years



States/UTs in the region

Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and Telangana

EAST AND NORTHEAST INDIA

The region recorded its highest extent of crop area affected in 2024



States/UTs in the region

Arunachal Pradesh, Assam, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura and West Bengal

Source: India's database on weather disasters dashboard by CSE-DTE Data Centre; Data sourced from the Disaster Management Division of Union Ministry of Home Affairs, India Meteorological Department and media reports