Down To Earth

EXTREME

Release of Down To Earth's Annual Climate India 2026 Extreme Weather Assessment Report



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Tracking the extreme: India Climate 2026
Five years: 2022-2026

- Over 1,800 days of daily monitoring
  Five years: 2022-2026
- Over years, seasonal/regional trends captured
- Over years, geography of disasters appearing
- Contrasting extremes and increasing loss and damages



Tracking the extreme: Why and how

WHY we track

- Extreme weather events are the signs of the climate change
- To gauge the frequency and ferociousness of these events
- To create an atlas of India's weather disasters
- To equip authorities with patterns of disasters for better adaptation and responses

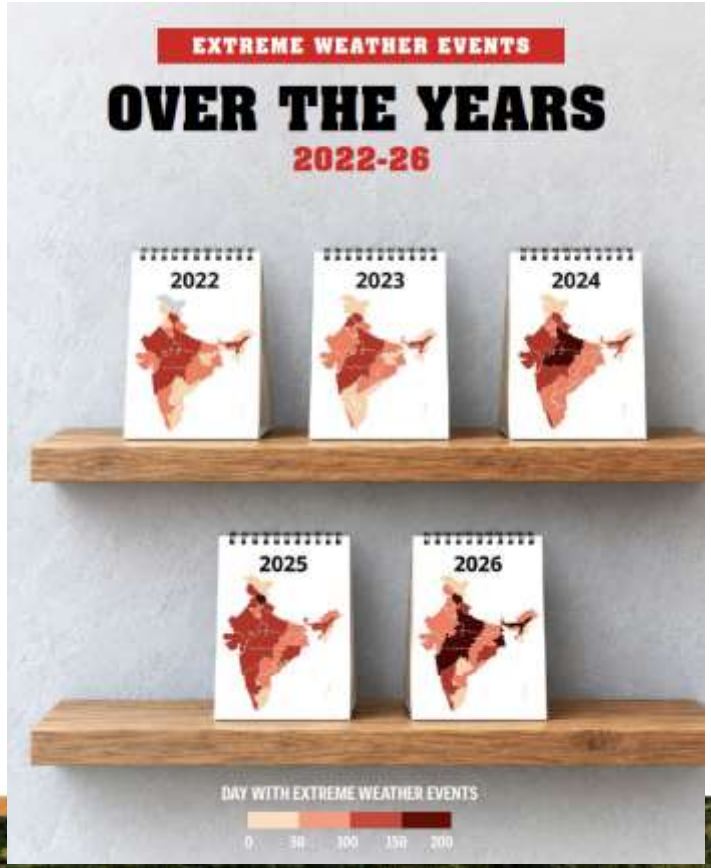
HOW (Sources)

- India Meteorological Department
- Daily press releases and All India Weather Summary and Forecast bulletins
- Climate Summary for the Month (loss and damage, temperature, rainfall)
- Disaster Management Division, Union Ministry of Home Affairs
- Situation report regarding flood/Heavy rainfall in the country (loss and damage)
- Media reports



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Tracking the extreme: 2022-2026



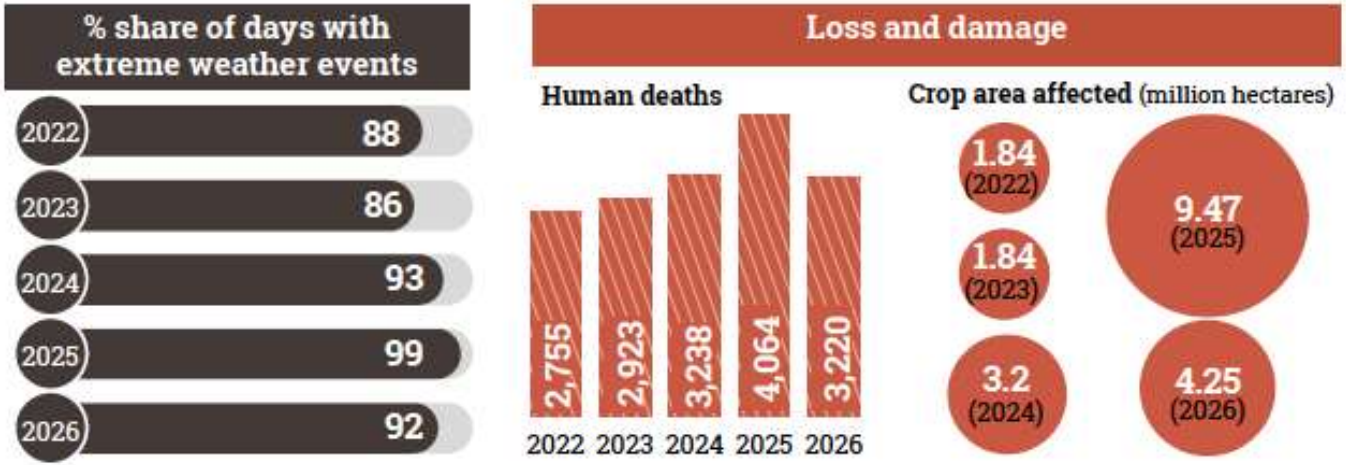


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Tracking the extreme: 2022-2026

2022-2026: EXTREME IMPACT

In 2026, extreme weather affected 92 per cent of days (251 of the first 273 days), damaged 4.25 million hectares of cropland and claimed 3,220 lives. The cropped area affected in 2026, remained more than twice the level recorded in 2022.





Tracking the extreme: 2022-2026

- An extreme event a day, for consecutive five years
- 16,200 lives lost; 65% of these between 2024-2026
- 21 million Ha of crop lands damaged; 82% of this in 2024-2026
- Seasons have changed: winter warmer, fewer cold wave, no cold wave in Feb 2026
- Pre-monsoon season more devastating: extreme events striking more between March and May. After monsoon, it is the worst season in term of loss and damage
- In 2022-2026, extreme events have increased, spread across the country



Tracking the extreme: 2022-2026

5 states with maximum days of extreme weather events

1 Madhya Pradesh 748

2 Himachal Pradesh 740

3 Uttar Pradesh 653

4 Maharashtra 648

5 Assam 526

(Out of 1,366 days assessed)



Thank You

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