



Monsoon 2025

What the numbers tell us

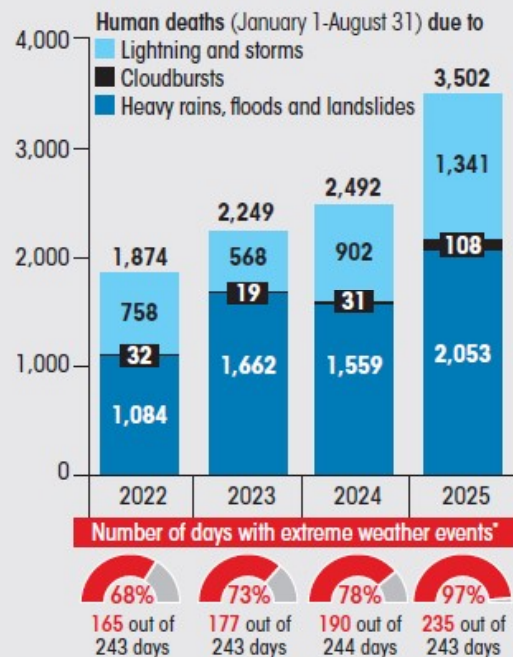
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Disastrous spike

India endured extreme weather events on 97% of the days this year, claiming 3,502 lives. This marks an alarming increase from previous years



*Analysis for only heavy rains, floods and landslides, cloudbursts and lightning and storms between January 1 and August 31

Source: "India's Atlas on Weather Disasters", maintained by the data centre of Down To Earth and Centre for Science and Environment

Unusual from the start

Between January and August 31, 2025, India experienced **rain-related extreme weather events on 97% of days**. This is the highest since 2022

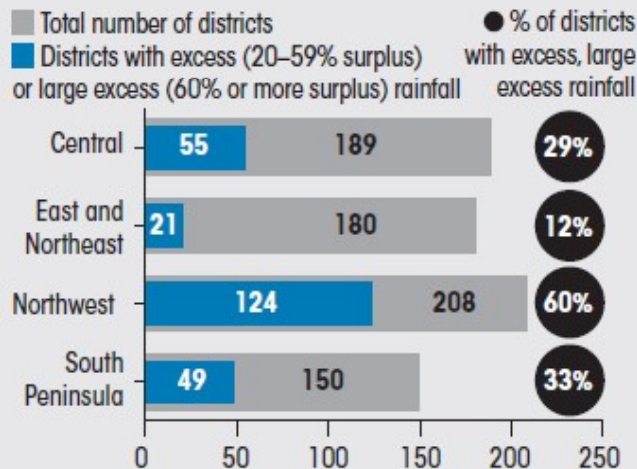
These events led to almost **3,502 deaths**, or **14 deaths a day on average**. Almost 1,000 additional deaths from 2024

Source: CSE-DTE Data Centre (January 1-August 31)

Abnormally wet monsoon for the Northwest

Deluge in northwest

This monsoon*, 249 districts recorded excess or large excess rainfall. Over half of the districts are in the northwest



*June 1, 2025 to September 6, 2025; Source: India Meteorological Department

- 249 districts in India experienced excess or large excess rainfall between June 1, and September 6, 2025. Every second of these wettest districts were in the Northwest
- In other words, 60% of the districts in Northwest recorded excess of large excess rainfall

Source: India Meteorological Department
(June 1- September 6, 2025)

Washout weeks

Jammu and Kashmir

Until August 13, the Union Territory (UT) recorded a 10% rainfall deficit. Between August 14 and 20, it received 42% surplus rainfall, reducing the season's cumulative shortfall to 5%. Over the next two weeks, the UT received extremely heavy rainfall, **260% surplus between August 21 and 24** and **241% surplus between August 28 and September 3**, leaving it with a cumulative surplus of 43%.

Himachal Pradesh

The Himalayan state faced **three extreme rain spells this monsoon**. From June 26 to July 2, the state received 195% excess rainfall, with Mandi and Shimla districts recording 482% and 433% surpluses. The next heavy rainfall spell was recorded between July 31 and August 6. The third spell, ongoing since August 14, has swelled Punjab's Ravi, Beas and Sutlej rivers.

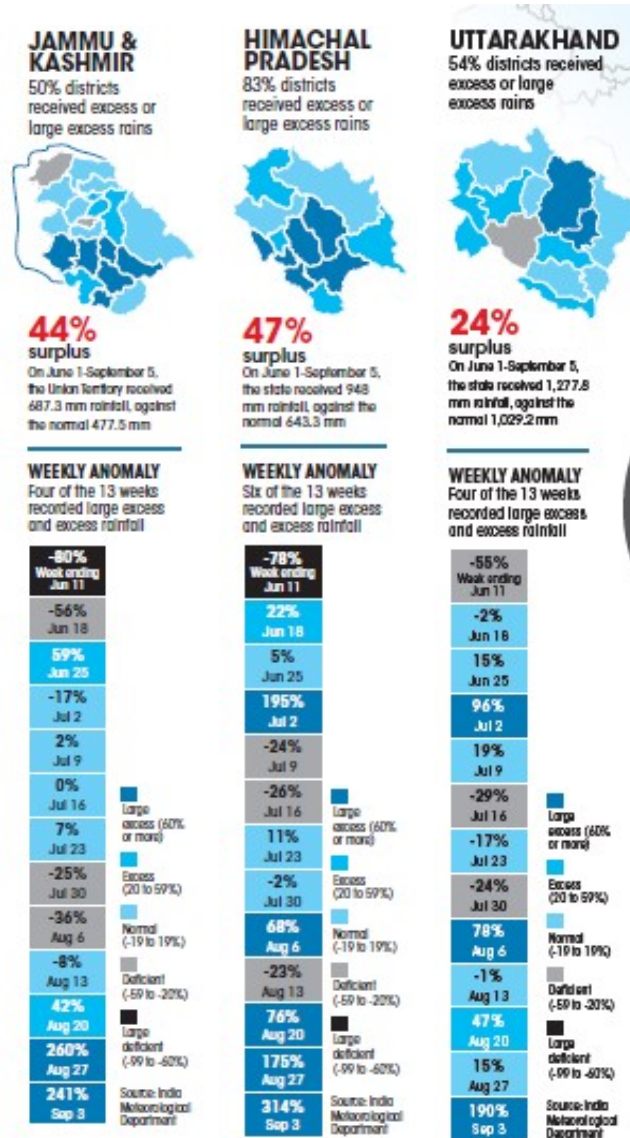
Uttarakhand

Four of the 13 weeks recorded excess or large excess rainfall.

Punjab

Between **August 21 and September 3**, Punjab was battered by **back-to-back deluges**, with rainfall surpluses of 388% in the first week and 454% in the next

Source: India Meteorological Department (June 1- September 6, 2025)



Thanks

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