

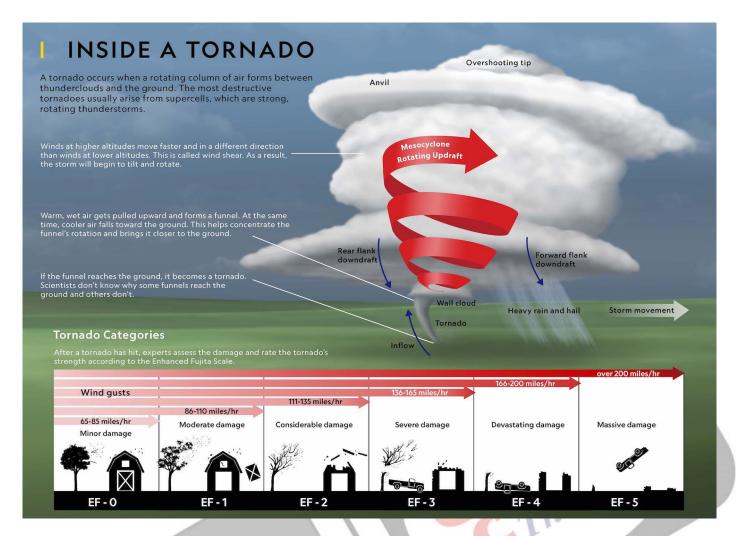
Tornado

Source: DTE

Recently, a deadly tornado struck Mainaguri in <u>Jalpaiguri district</u>, West Bengal, killing five and injuring over a hundred, highlighting the **increasing frequency** of tornadoes in India.

Tornado:

- A tornado is a **rotating column** of air that forms from a **thunderstorm** and touches the ground, while over the sea it is known as a **waterspout**.
 - Any collision of warm, moist air with dry, cool air in the presence of a low-pressure system like a trough causes thunderstorms and tornadoes.
- Tornadoes can feature wind speeds ranging from 105 to 322 km/h, with the system potentially being stationary or moving at approximately 97 km/h.
- Tornadoes generally occur in middle latitudes.
 - They are most common in the United States, Argentina, and Bangladesh.
- Extreme storms, rare in India, mostly occur in the eastern states of West Bengal, Odisha, and Jharkhand during the pre-monsoon period, with some evidence of them also forming in northwest India.
- In India, there is no official monitoring of tornadoes though the <u>India Meteorological</u>
 <u>Department (IMD)</u> recorded the recent West Bengal tornado.



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