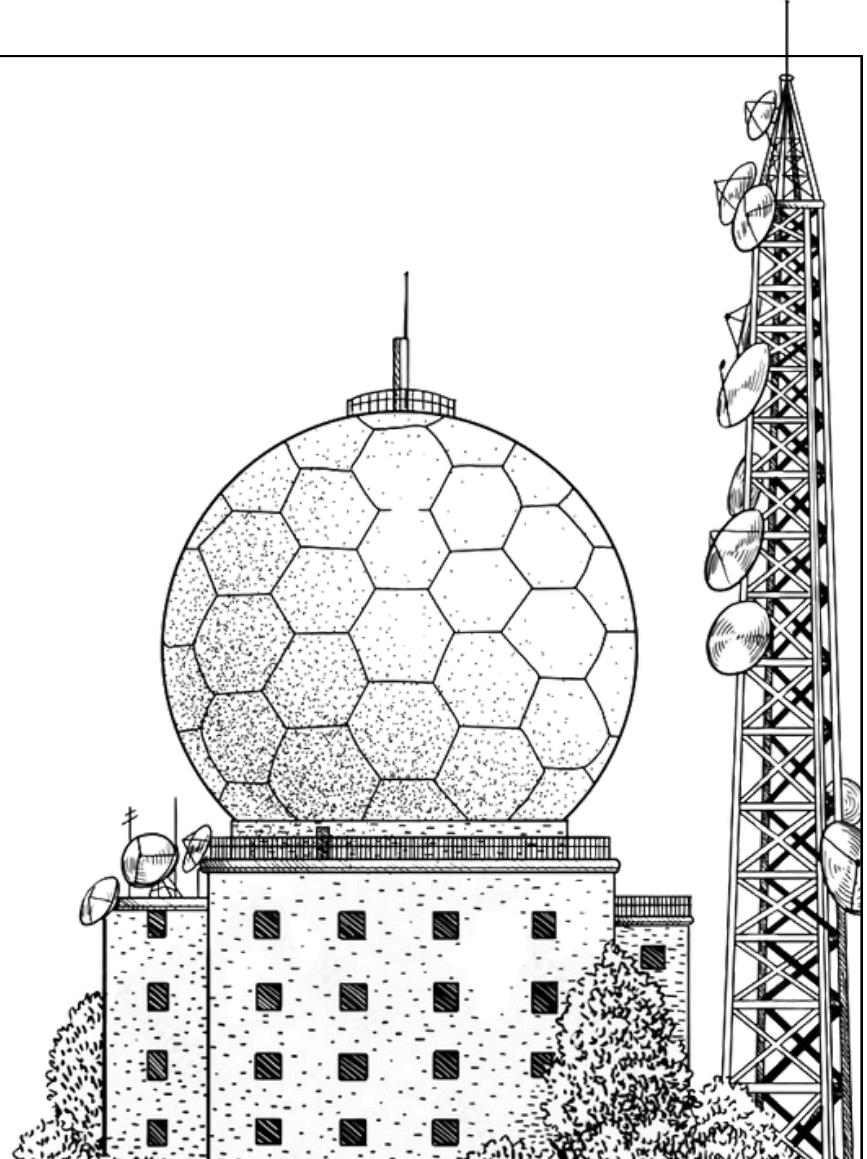


150 YEARS OF IMD



written by: Gaurav Kumar Singh

A school visit to an IMD center.

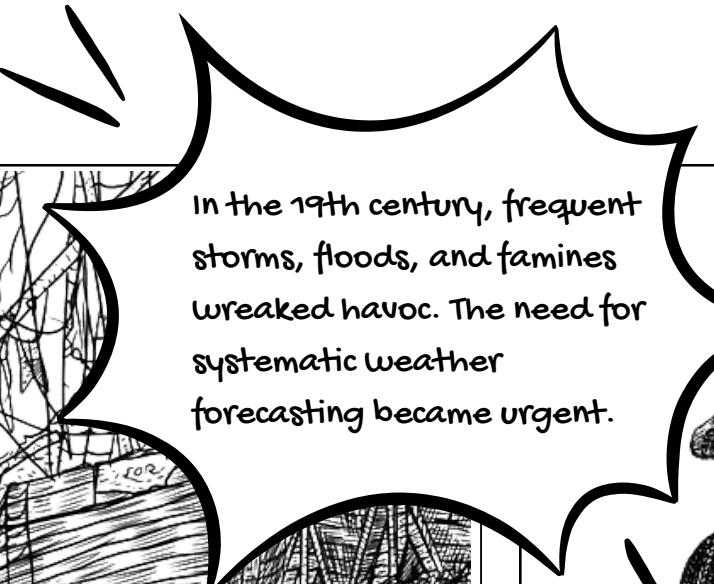


India is a land of diversity—not just in culture, but in climate.

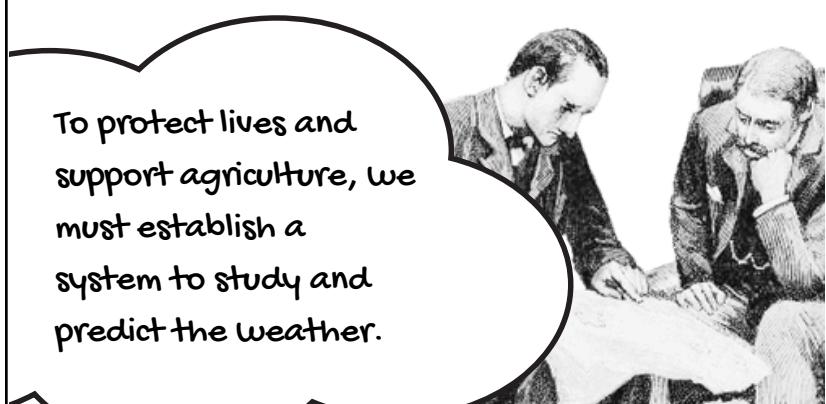
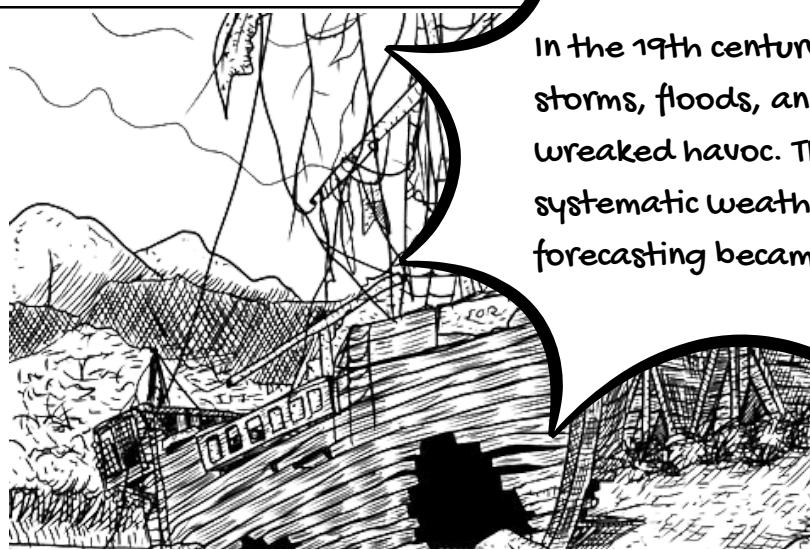


From towering Himalayas to vast coastlines, it's a living laboratory of meteorological wonders.

THE FOUNDATION



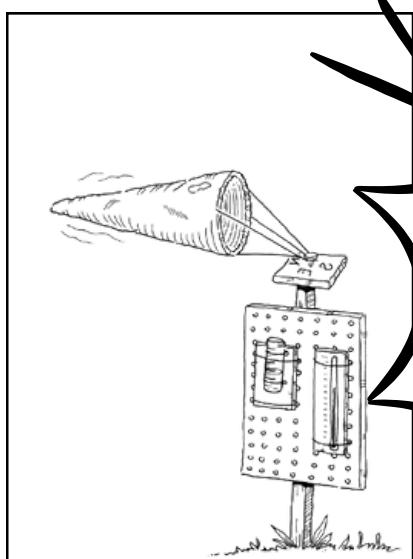
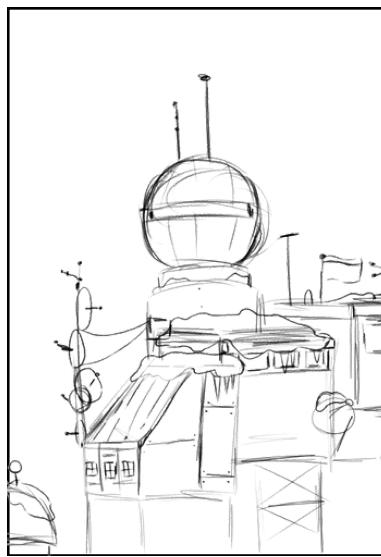
In the 19th century, frequent storms, floods, and famines wreaked havoc. The need for systematic weather forecasting became urgent.



To protect lives and support agriculture, we must establish a system to study and predict the weather.

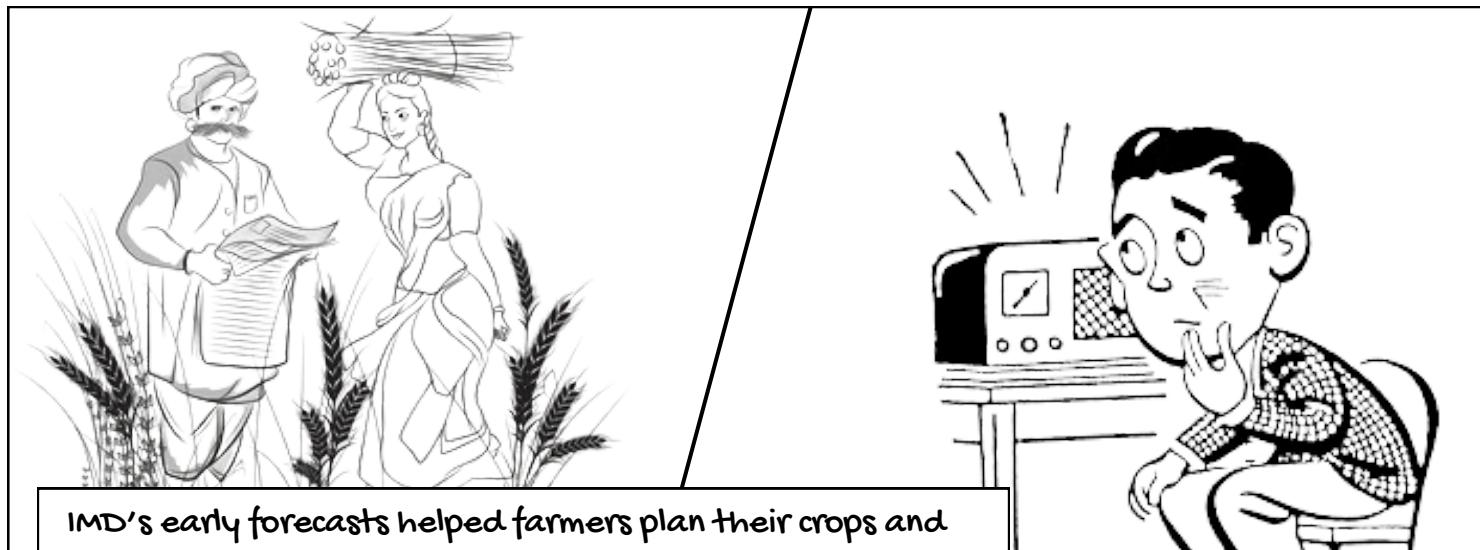


BIRTH OF IMD

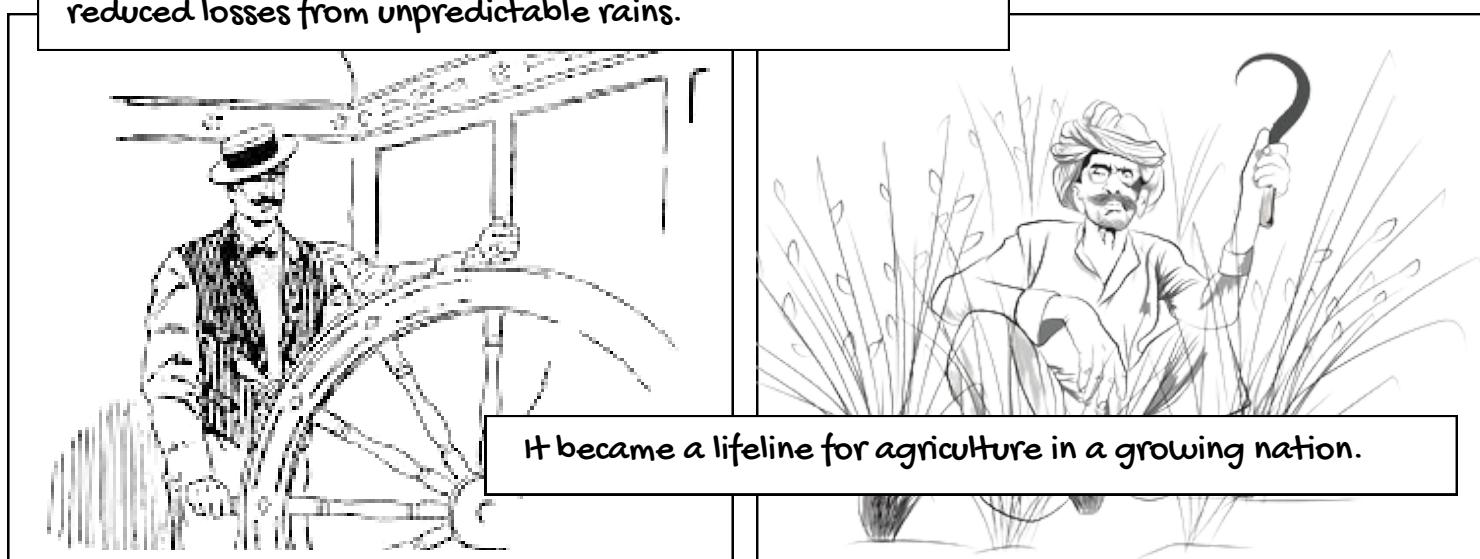


And so, in 1875, the India Meteorological Department was born, one of the first such institutions in the world.

EARLY CONTRIBUTIONS



IMD's early forecasts helped farmers plan their crops and reduced losses from unpredictable rains.

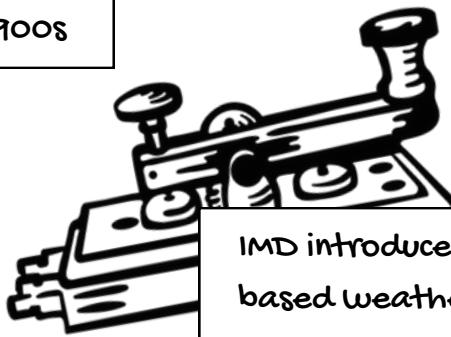


It became a lifeline for agriculture in a growing nation.



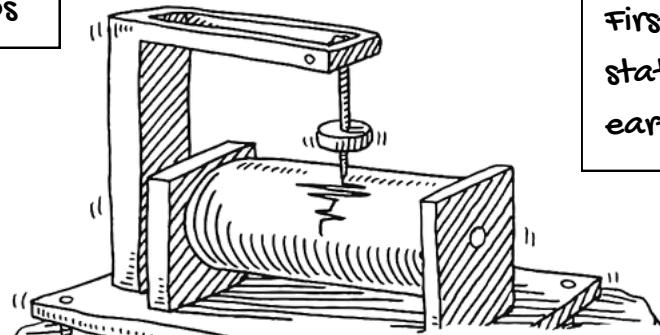
THE TIMELINE

1900s



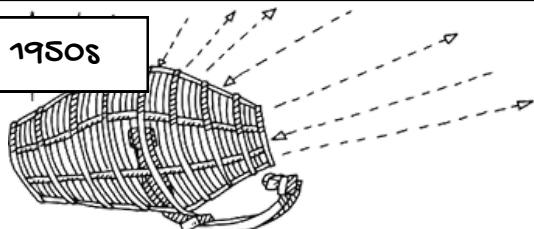
IMD introduces telegraph-based weather warnings.

1920s



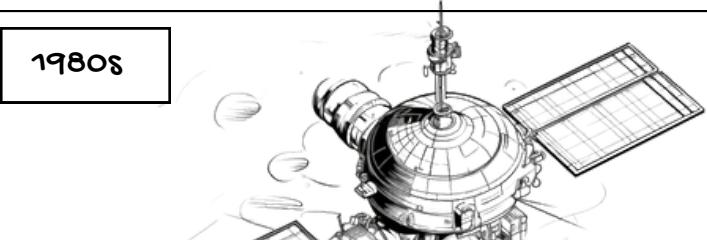
First seismic monitoring stations established for earthquake studies.

1950s



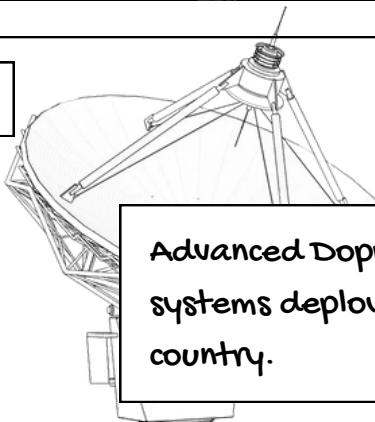
India's first weather radar installed in Kolkata.

1980s



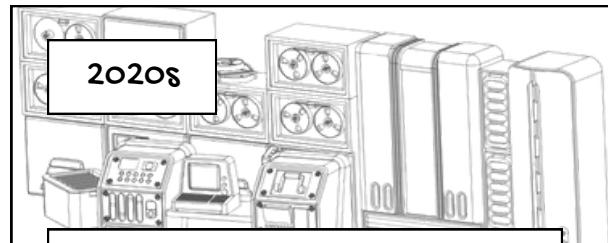
IMD launches satellite-based weather observation.

2000s



Advanced Doppler radar systems deployed across the country.

2020s



Cutting-edge supercomputers enhance forecasting accuracy.

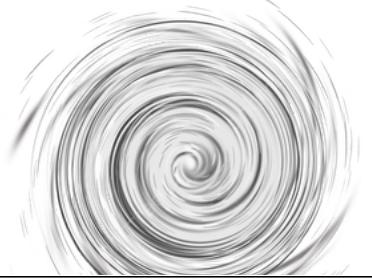
MONTAGE OF IMD'S SUCCESSES



AIR quality alert on
Phones



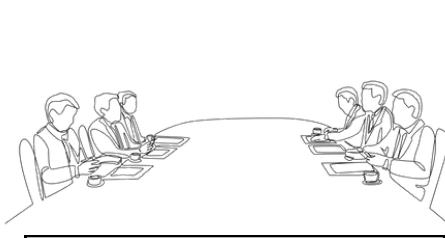
Monsoon Forecasting a
boon for farmers



Predicting Cyclones
saving lives. (Amphan)



Weather app for people
to plan efficiently.



contributions to global
climate research



FACING MODERN CHALLENGES

Extreme weather events are
increasing. Our work has never been
more important.

with new technology and
global collaborations, we can
face these challenges head-on.

