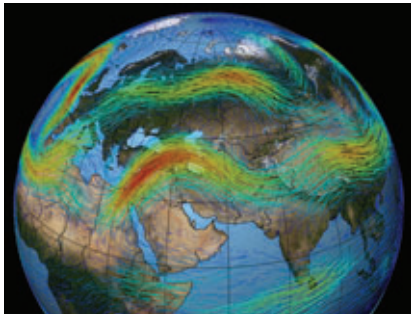
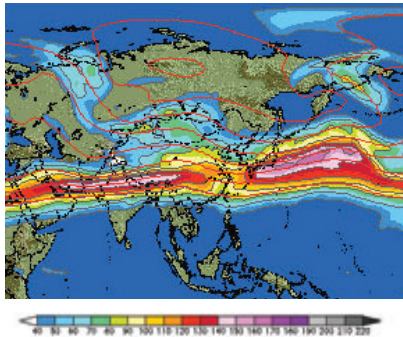


Normal polar and subtropical jet streams



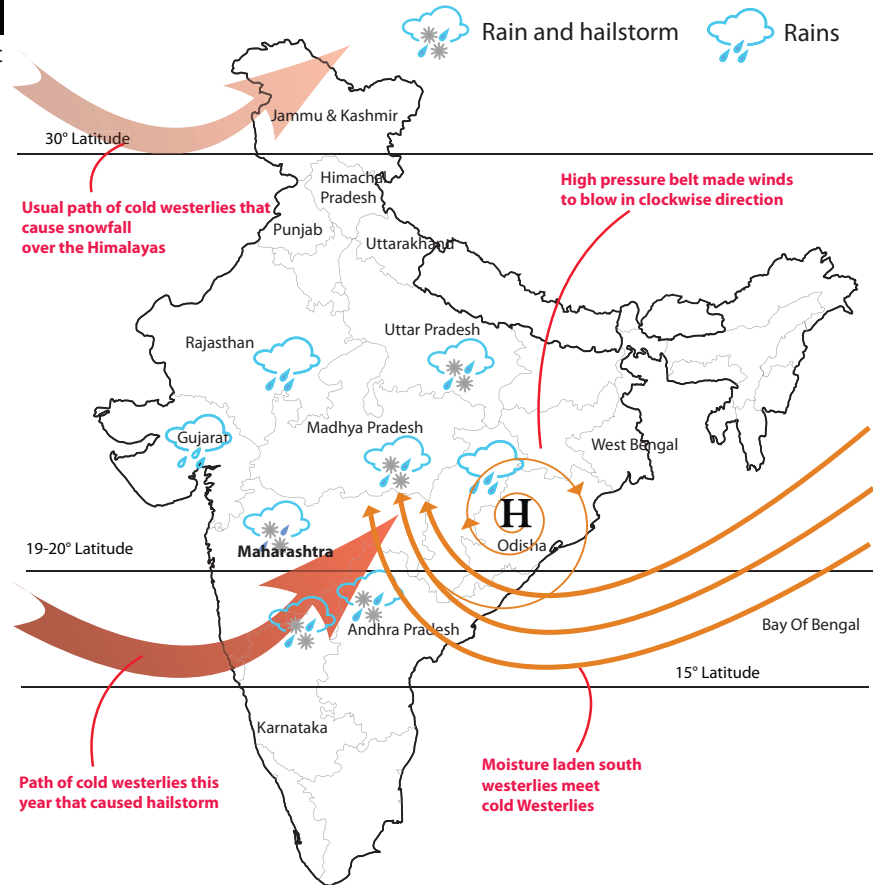
Meandering polar jet streams after the polar vortex collapses



Shift of jet streams southward affects wind patterns across the globe

# Polar fear

Polar jet stream, or a pattern of strong winds, is shifting due to the melting Arctic. It is moving south, triggering extreme weather events across the globe. This year, it has pushed down the cold westerlies in India, that usually flow over 30 degree latitude, to 15 degree latitude, causing unprecedented hailstorms and rainfall



Source: NASA, Stormsurf, Indian Institute of Tropical Meteorology, Ministry of Earth Sciences

GRAPHICS: VIVEK BHARDWAJ