

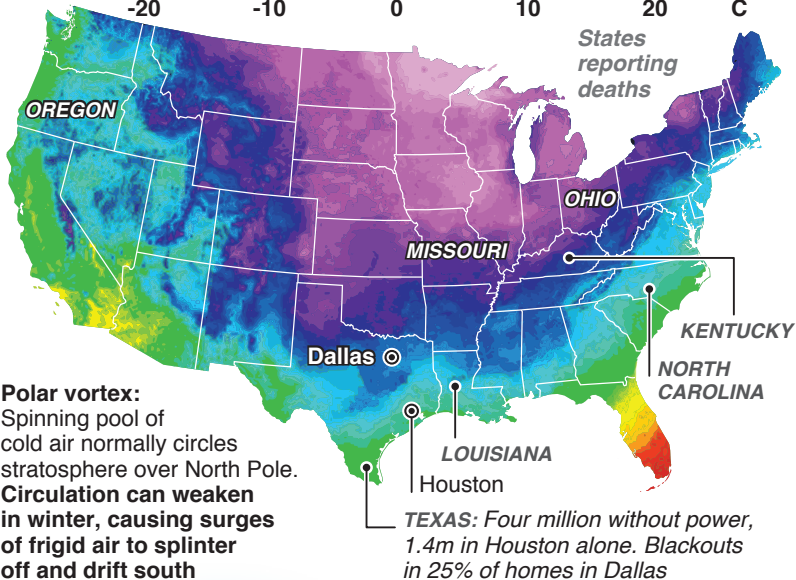
# Deadly winter storm grips U.S.

A huge winter storm sweeping across the southern United States has killed at least 30 people and left millions without power

TEMPERATURES (February 17, 07.00 EST)

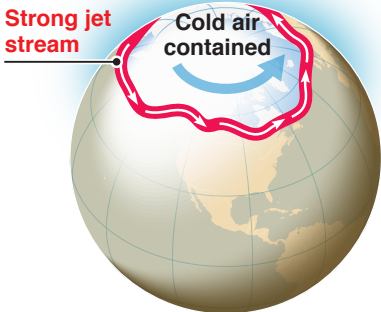
-10 0 10 20 30 40 50 60 70 F

-20 -10 0 10 20 C



**Polar vortex:**  
Spinning pool of cold air normally circles stratosphere over North Pole. Circulation can weaken in winter, causing surges of frigid air to splinter off and drift south

STABLE POLAR VORTEX



WAVY POLAR VORTEX

