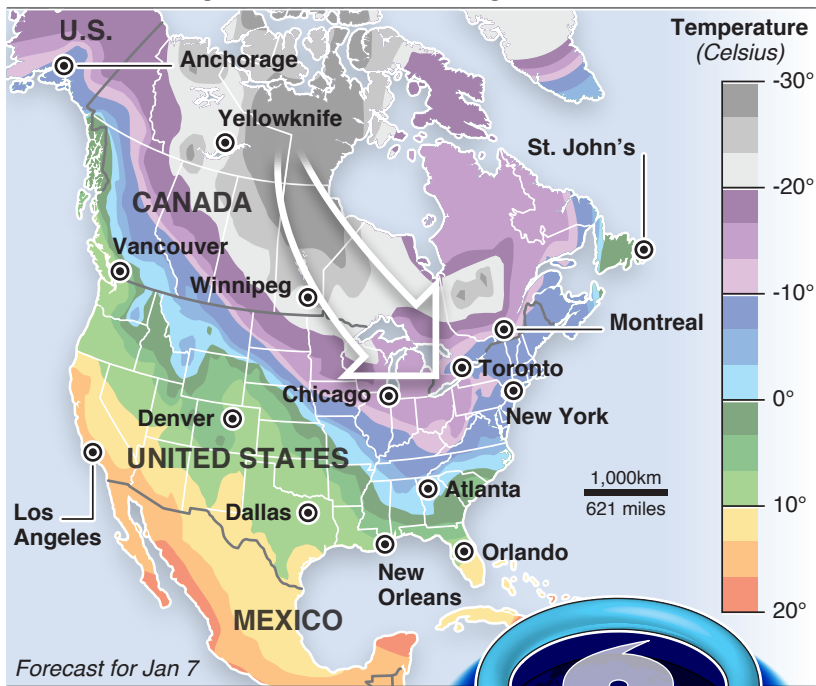


Polar vortex freezes North America

The U.S. and Canada are braced for potentially record-breaking low temperatures due to a *polar vortex* which is bringing exceptionally cold weather to the region, with wind chill making conditions feel even colder



POLAR VORTEX

- 1** Persistent, large-scale cyclone within *polar night jet stream*
- 2** Very strong vortex locks in cold air over Arctic Canada for long period, becoming colder all the time
- 3** As air cools it becomes increasingly dense so when it eventually escapes it travels much further south than normal

Polar night jet stream
Forms only in winter months

