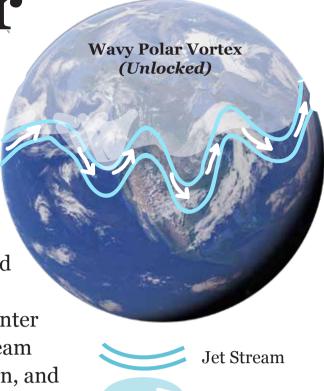
Revisiting the

2019 Polar

Vortex

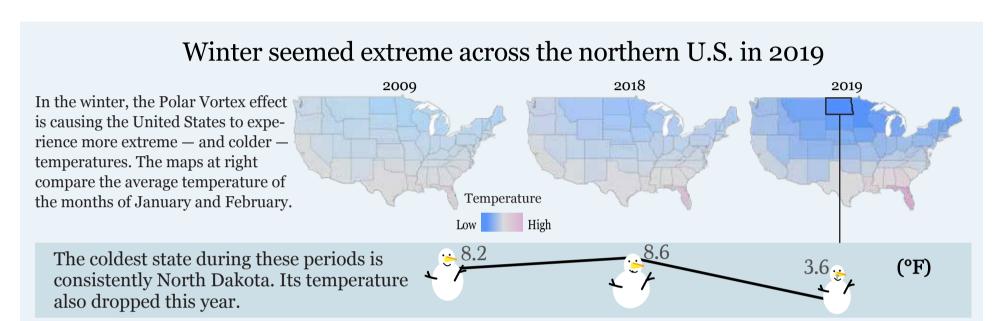
REN YUHUA/Missourian

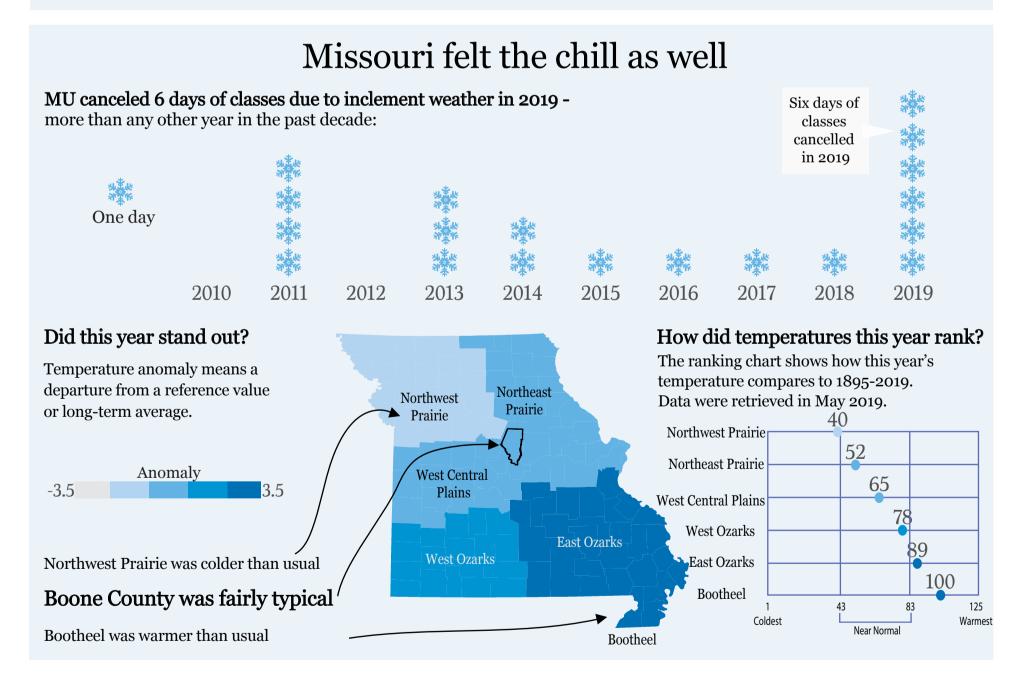
It may feel like a distant memory now, but last winter we endured a Polar Vortex. The swirling mass of cold air is usually locked inside the polar regions by a strong jet stream. During winter in the Northern Hemisphere, the jet stream becomes less strong, forming a wavy pattern, and the vortex expands, sending cold air southward.





Wind





But over time, the polar dome has been shrinking

Temperature anomaly

In climate change studies, temperature anomalies are more important than absolute temperature, according to

Stable Polar Vortex

(Locked)

NOAA. Seventeen states showed negative anomalies, while 31 states showed the positive ones. At the ends of the spectrum, North Dakota had an anomaly of -5.5°F, while Georgia had 4.7°F. Missouri had 0.5°F overall.

"[It's] continuously every winter that goes by, and it turns out that over the last seven decades, that area has systematically shrunk with each passing year, and the cold dome over the northern hemisphere is getting smaller in the 70 years since 1948...On average, it was not at all disrupt the notion. Hemisphere is warming up."

- Jonathan Martin