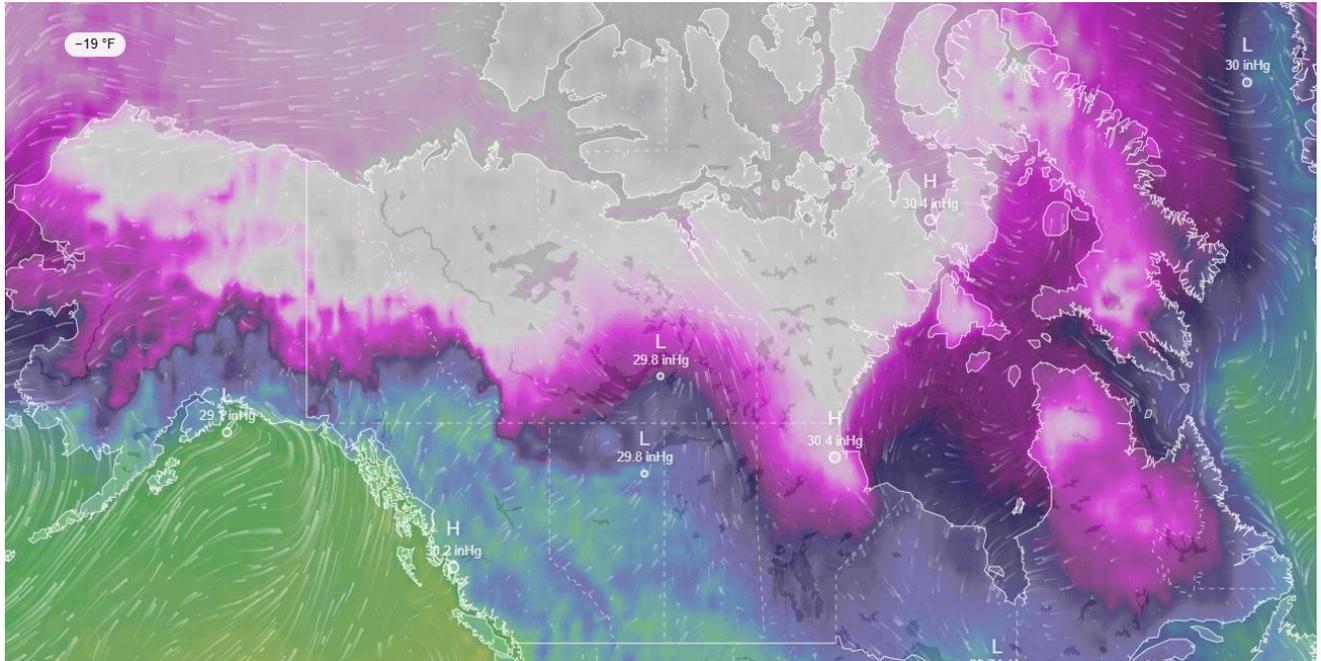


Arctic Cold Wave Canada & North America



Valid: From February 10, 2026 to February 18, 2026.

Affected Areas

Northern & Central Canada, Northern United States (Northern Plains, Upper Midwest, Great Lakes, Northeast) Arctic & Sub-Arctic regions of North America

Hazard Types

Wind chill, Snowfall, Extreme Temperature.

Hazard Summary

A significant polar vortex disruption over the Arctic is driving an intense southward surge of Arctic air into Canada and northern North America, triggering a widespread and prolonged cold wave. A strong consensus among global meteorological models indicates a severe Arctic outbreak, with temperatures in Canada expected to range between -40 and -52 °C, extending into northern North America where temperatures are forecast between -25 and -35 °C. The event is reinforced by high-latitude atmospheric blocking and a weakened, displaced jet stream, allowing exceptionally cold Arctic air to penetrate unusually far south.