

GLOBAL

Temperature Rise

2050 PROJECTIONS

Arctic amplification, geography, weather patterns, ocean currents, and the influence of human activities all affect the level of warming on a regional level.

TEMPERATURE RISE
relative to average
1850-1900 temperatures

1.5°C 5.2°C

NATIONAL
AVERAGE, 2050

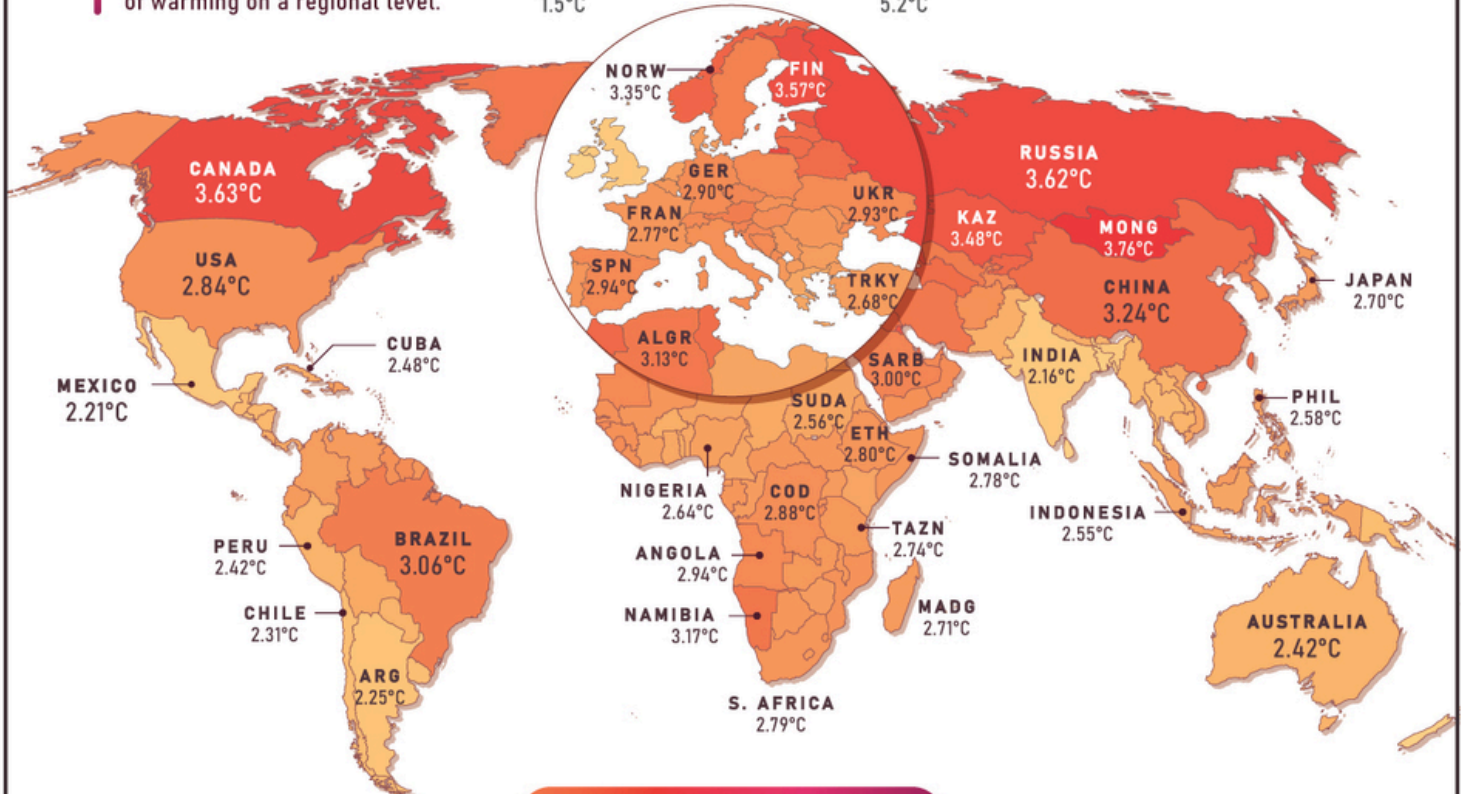
2.75°C

MAX

3.76°C

MIN

2.02°C



AT THIS WARMING LEVEL, THE
IPCC IS HIGHLY CONFIDENT THAT:



Extreme weather
events will be more
frequent and intense



Nearly all ecosystems
will face high risks of
biodiversity loss



Accelerated sea level
rise will threaten
coastal cities

Source: Berkeley Earth, Intergovernmental Panel on Climate Change

This map shows warming projections based on the IPCC's "middle-of-the-road" scenario (titled SSP2-4.5), which is the closest to expected emissions under current policies.

Projection data provided by BERKELEY EARTH.

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