
6 Arguments to Refute Climate Denial

Evidence-Based Responses to
Common Climate Myths

Holiday Dinner Survival Guide

THE CHALLENGE

Family gatherings often feature climate denial arguments that seem immune to scientific evidence

CONTEXT

Despite overwhelming scientific consensus, misinformation persists through selective data interpretation and conspiracy theories

Scientific Agreement

97%

CLIMATE
SCIENTISTS AGREE

consensus

195

COUNTRIES IN
PARIS AGREEMENT

global

1.1°C

GLOBAL
TEMPERATURE RISE

increasing

Common Denial Arguments & Rebuttals

- "It's cold today" → Weather vs climate: short-term vs long-term patterns
- "Natural cycles" → Current warming rate exceeds natural variation by 10x

- "CO2 is plant food" → Higher concentrations cause heat trapping, not just plant growth
- "Models are unreliable" → Models have accurately predicted warming for 50+ years

Temperature Records

Decade	Global Temp Anomaly	Ranking
2010s	+0.93°C	Warmest
2000s	+0.61°C	2nd Warmest
1990s	+0.42°C	3rd Warmest
1980s	+0.27°C	4th Warmest

NASA GISS Temperature Data

TIPPING POINTS APPROACHING

Arctic ice loss, permafrost thaw, and coral bleaching are accelerating beyond model predictions

Sources

- NASA Goddard Institute for Space Studies (GISS)
- Intergovernmental Panel on Climate Change (IPCC)
- National Academy of Sciences
- American Meteorological Society