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### Global Warming: Observations vs. Climate Models

#### Global Average Surface-Air Temperature Variations, 1979–2022



**NOTE:** Figures have been adjusted to align trends starting in 1979.  
**SOURCES:** Author's calculations based on data from five different observation-based datasets and 36 climate models taking part in the sixth IPCC Climate Model Intercomparison Project, and KNMI Climate Explorer, "Starting Point," <https://climexp.knmi.nl/start.cgi> (accessed January 10, 2024).

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CO2??  
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### The Unreliability of Current Global Temperature and Solar Activity Estimates and Its

## Implications for the Attribution of Global Warming

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