

# DQ: Climate (a)

ⓘ This is a preview of the published version of the quiz

Started: May 6 at 11:31am

## Quiz Instructions

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### Question 1

2 pts

In class, our temperature data represented the annual average global temperature. This [NASA visualization](https://svs.gsfc.nasa.gov/4964) [\\_ \(https://svs.gsfc.nasa.gov/4964\)](https://svs.gsfc.nasa.gov/4964) shows the temperature at points across the globe. (Make sure to read the description of the map and make sense of the scale.) Watch the visualization and then write a reflection on what you notice and wonder.

Some questions to consider. (You can address some or all of these, or consider your own noticing/wondering.)

- What do you notice about temperature variation over time? Around the planet?
- What does this visualization help you understand that the annual average global temperature doesn't? What does the annual average global temperature data help you understand that the visualization doesn't?
- Why do you think the visualization uses temperature anomalies rather than just the temperature? Do you think this is a helpful choice?

Thoughtful responses of at least 150 words receive credit.

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## Question 2

2 pts

In class, we discussed various aspects of the earth's orbit around the sun, as well as variation in solar output, play a role in Earth's temperature. Read more about one of these ideas by selecting ONE of the articles linked below. Tell me something you learned from the article, and explain it in your own words. (~100 words is sufficient.)

- **Milankovitch Cycles** [\\_ \(https://climate.nasa.gov/news/2948/milankovitch-orbital-cycles-and-their-role-in-earths-climate/\)](https://climate.nasa.gov/news/2948/milankovitch-orbital-cycles-and-their-role-in-earths-climate/) from NASA
- **What's the Sun's Role in Climate Change?** [\\_ \(https://climate.nasa.gov/ask-nasa-climate/2910/what-is-the-suns-role-in-climate-change/\)](https://climate.nasa.gov/ask-nasa-climate/2910/what-is-the-suns-role-in-climate-change/) from NASA.






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