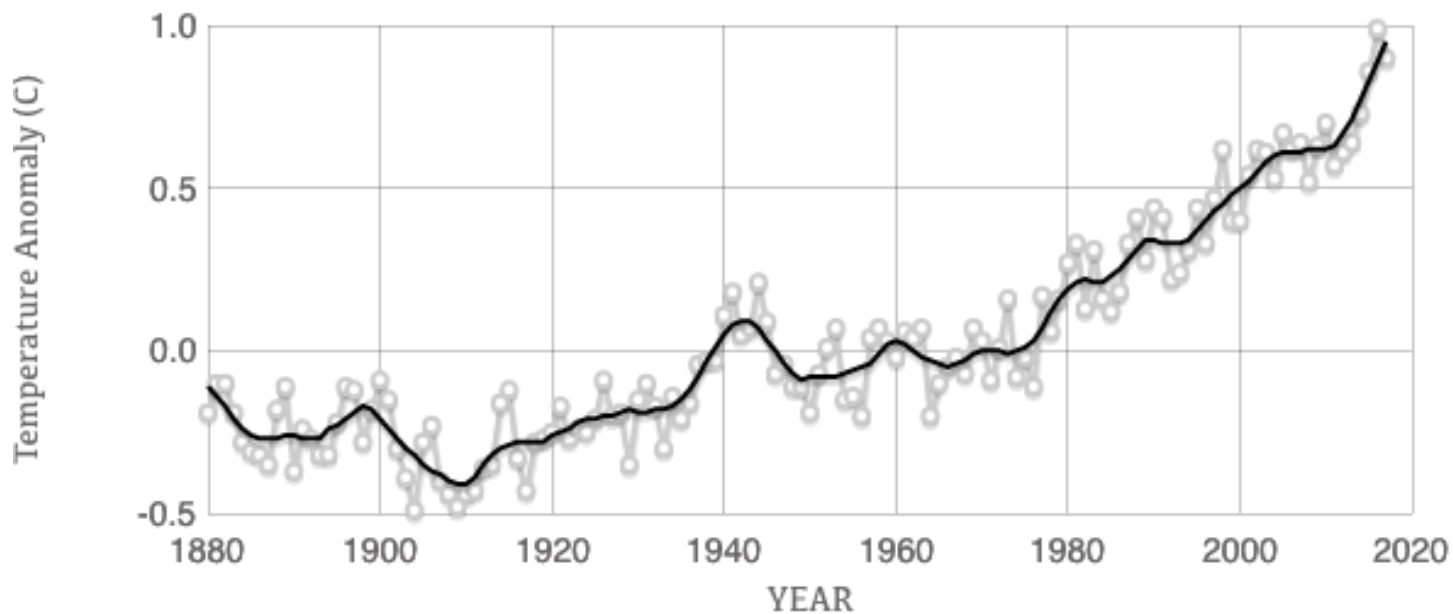


My NASA Data - Mini Lesson/Activity

Global Air Temperatures Graph

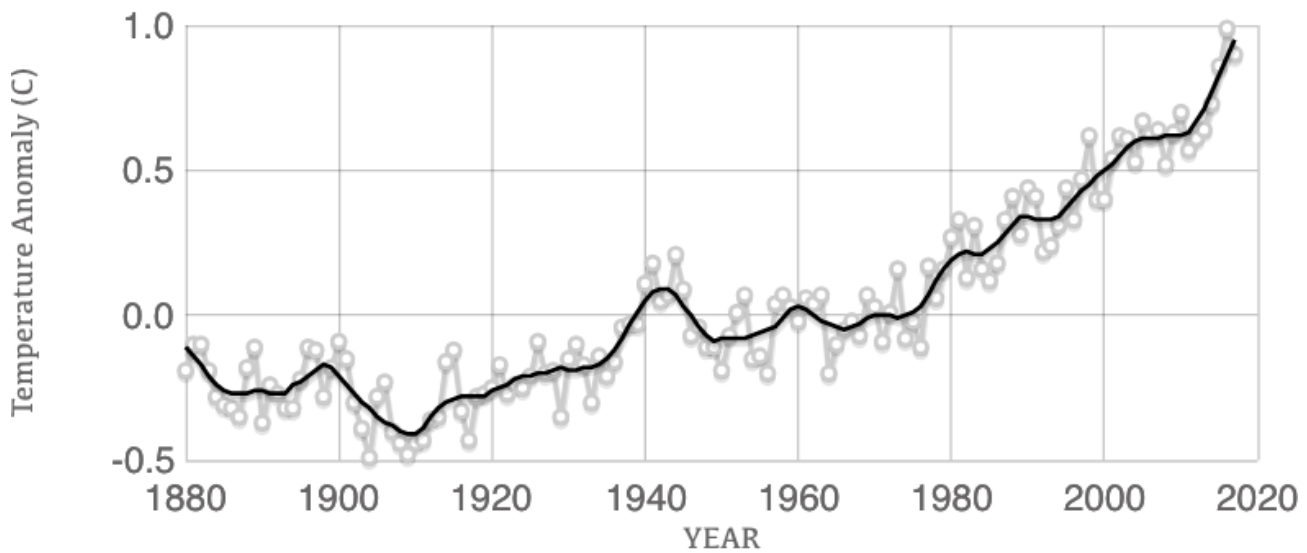


Source: climate.nasa.gov

Student Directions

Analyzing Air Temperature Graphs

This graph below illustrates the change in global surface temperature relative to 1951-1980 average temperatures.



Source: climate.nasa.gov

[Global Air](#)

[Temperatures 1880 - 2020](#)

Credit: climate.nasa.gov

<https://myasadata.larc.nasa.gov/sites/default/files/inline-images/GlobalTemp%20%281%29.png>

Steps:

1. Answer the Questions below. Check with your instructor on how to submit your answers.
2. What time frame does the graph cover?
3. What do the white dots represent?
4. What does the black line represent?
5. What is an anomaly?
6. What do the changes in the anomaly data mean?
7. Do you notice a trend? If so, what direction does the trend go?

This graph is ideal for use with the [Data Literacy Cube](#).



Source: My

NASA Data, [Data Literacy Cube](#)

Teachers, these mini lessons/student activities are perfect "warm up" tasks that can be used as a hook, bell ringer, exit slip, etc. They take less than a class period to complete. Learn more on the "[My NASA Data What are Mini Lessons?](#)" page.

Teachers who are interested in receiving the answer key, please complete the [Teacher Key Request and Verification Form](#). We verify that requestors are teachers prior to sending access to the answer keys as we've had many students try to pass as teachers to gain access.

My NASA Data Visualization Tool

- [Earth System Data Explorer](#)