My NASA Data - Interactive Models

Pollutant Source and Transport

Grade Band

- 6-8
- 9-12

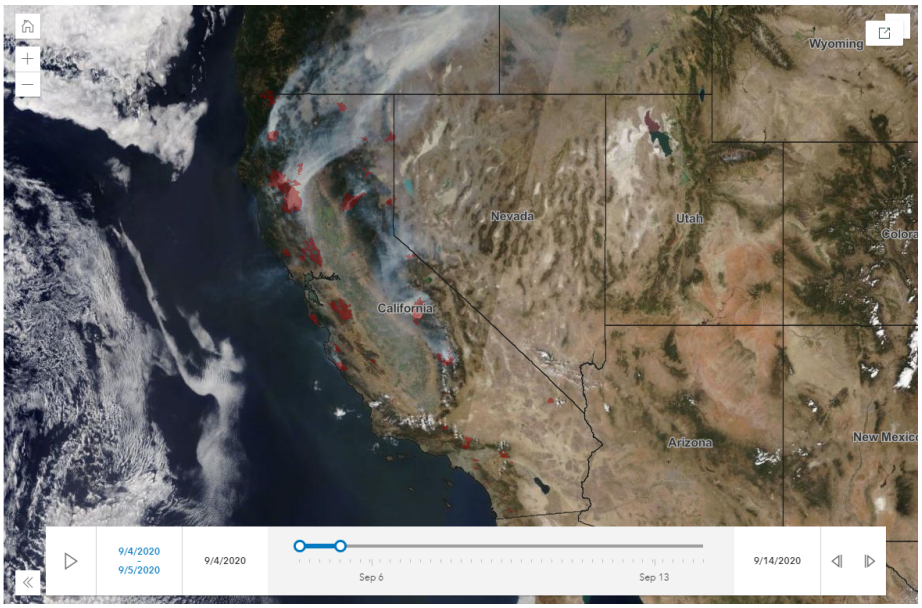
Time

- 50 minutes

Directions

Click the button below to access the Pollutant Source and Transport Interactive Model.





CLICK HERE

Teacher Note

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.

NGSS Three Dimensional Learning

NGSS Disciplinary Core Ideas

- ESS2A: Earth Materials and Systems
- ESS3C: Human Impacts on Earth Systems

Crosscutting Concepts

- Stability and Change

Science and Engineering Practices

- Developing and Using Models
- Analyzing and Interpreting Data

Learning Objectives

- Students will analyze changes in air quality over time.
- Students will differentiate between sources of air pollution.
- Students will describe how air pollution interacts with the Earth System.

Essential Questions

1. What are the mechanisms by which air pollution is transported?
2. What are the differences between sources of air pollution?
3. How does air pollution interact with the Earth System?

Google Docs Interactive Files

Guide to Using Google Forms with My NASA Data

Google Forms Interactive Files

Student Form