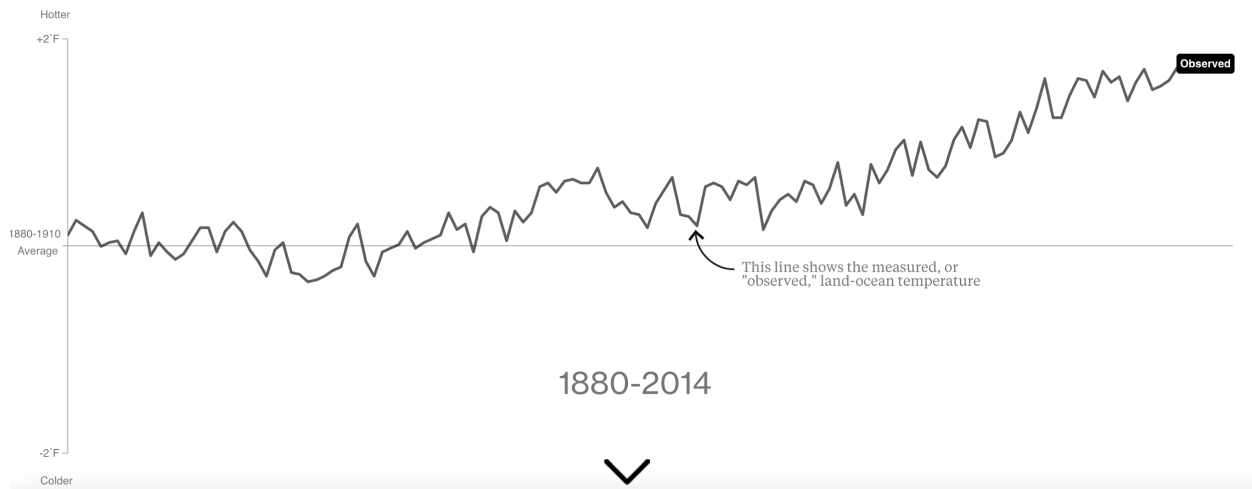


Identifying the Temperature Increase

The challenge

Step 1.

Your fellow scientists took measurements of the land and sea and began to notice an increase



Step 2.

They had to find out what was causing it. They asked you to go through the data.

Find the charts and match them up with these 7 different factors:

Natural factors

- The orbit of the Earth
- Volcanoes and their natural release of sulfur dioxide
- The sun and its ebbs and flows due to solar flares, etc

Human causes

- Land use — the loss of forests
- Ozone pollution
- Aerosol — that stuff from aerosol cans and coal-burning that cause acid rain
- Greenhouse gases

Step 3.

As a team, label each chart with what you think. Discuss why you think that.