

"Fenceposts" Survey Questions

1. The first question requires you to do a little investigation about the temperature on your last birthday.

→ First, go to the site wunderground.com/history.

Type in Brookline or Boston for location.

→ Next, put in the date of your last birthday and click "view". This will take you to weather data on that day.

→ Then, scroll down to "summary" and find the high temperature on your last birthday. It's in the "Actual" column. The next column ("Historical Avg.") is the average high temperature over the past 90 or so years.

High temperature in Brookline or Boston for my last birthday: _____

Historical Average high temperature: _____

How does the high temperature on your last birthday compare with the historical average for the high temperature on that date?

- >5 degrees below average
- <=5 degrees below average
- the same as average
- <=5 degrees above average
- >5 degrees above average

2. Which do you think is warming faster due to human-caused global warming - the atmosphere or the ocean?

- I think the atmosphere is warming faster than the oceans.
- I think the oceans are warming faster than the atmosphere.
- I think the atmosphere and the oceans are warming at about the same rate.

3. What do you think is the highest air temperature that humans can survive in for more than an hour?

- 100°F (38°C)
- 110°F (43°C)
- 120°F (49°C)
- 130°F (54°C)
- 140°F (60°C)

4. Do you prefer hot or cold weather?

- I prefer Hot weather.
- I prefer Cold weather.

5. What of these effects of climate change do you think will have the worst impact on humans? (pick the ONE you think will be the worst)

- Increase in fires
- Increase in heat waves
- Increase in storms (such as hurricanes, tornadoes, cyclones)
- Increase in drought
- Increased animal habitat destruction

6. According to climate research, if humans don't change our habits, the temperature of Boston will continue to increase, and eventually our climate will resemble that of present-day Florida. If things continue as they are today, how long do you think it will be before the average temperature in Boston resembles that of present-day Florida?

- 0-5 years
- 5-25 years
- 25-50 years
- more than 50 years