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Calculations:
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1) Calculate our measured speed of sound.

2) The actual speed of sound can be found from the formula:

where T is the temperature in degrees Celsius. Find the actually speed of sound based on today's forecasted temperature.

3) Calculate the percentage difference between our measure value and the actual value for the speed of sound.

4) There are many possible error associated with this lab. Show that the delay caused by the time of travel of the radio waves is negligible.