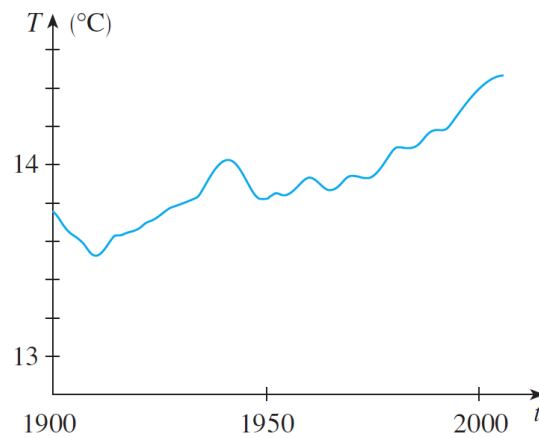


Exercise 11

Shown is a graph of the global average temperature T during the 20th century. Estimate the following.

- (a) The global average temperature in 1950
- (b) The year when the average temperature was 14.2°C
- (c) The year when the temperature was smallest? Largest?
- (d) The range of T



Source: Adapted from *Globe and Mail* [Toronto], 5 Dec. 2009. Print.

Solution

The global average temperature in 1950 is about 13.8°C .

The average temperature was 14.2°C in 1995 roughly.

The temperature was smallest in about 1910. The temperature was largest in about 2005.

The range of T is roughly $\{T \mid 13.5^\circ\text{C} < T < 14.5^\circ\text{C}\}$.