FIGURE 4

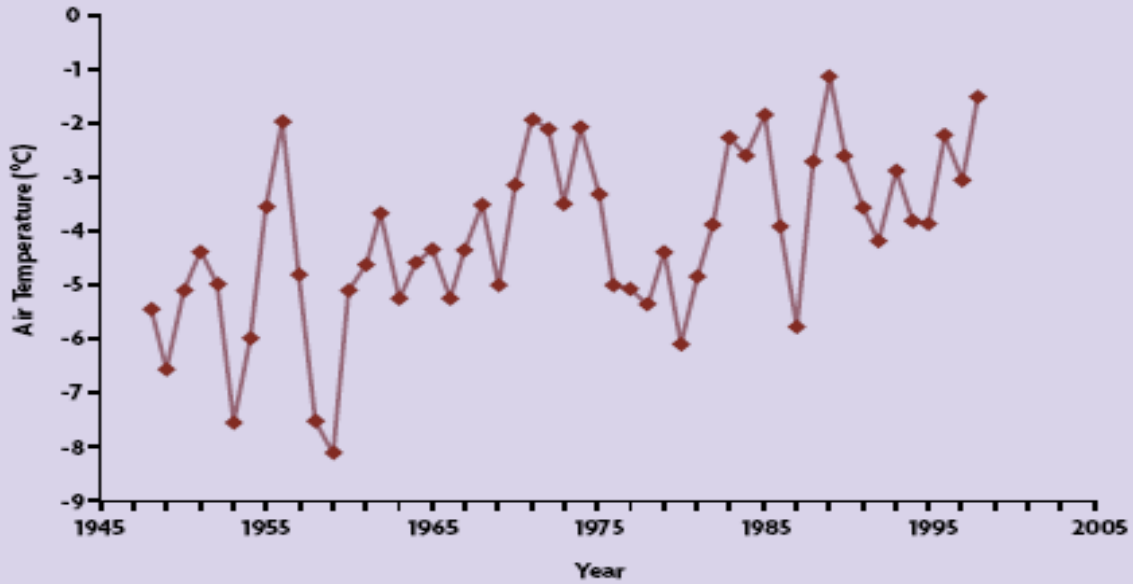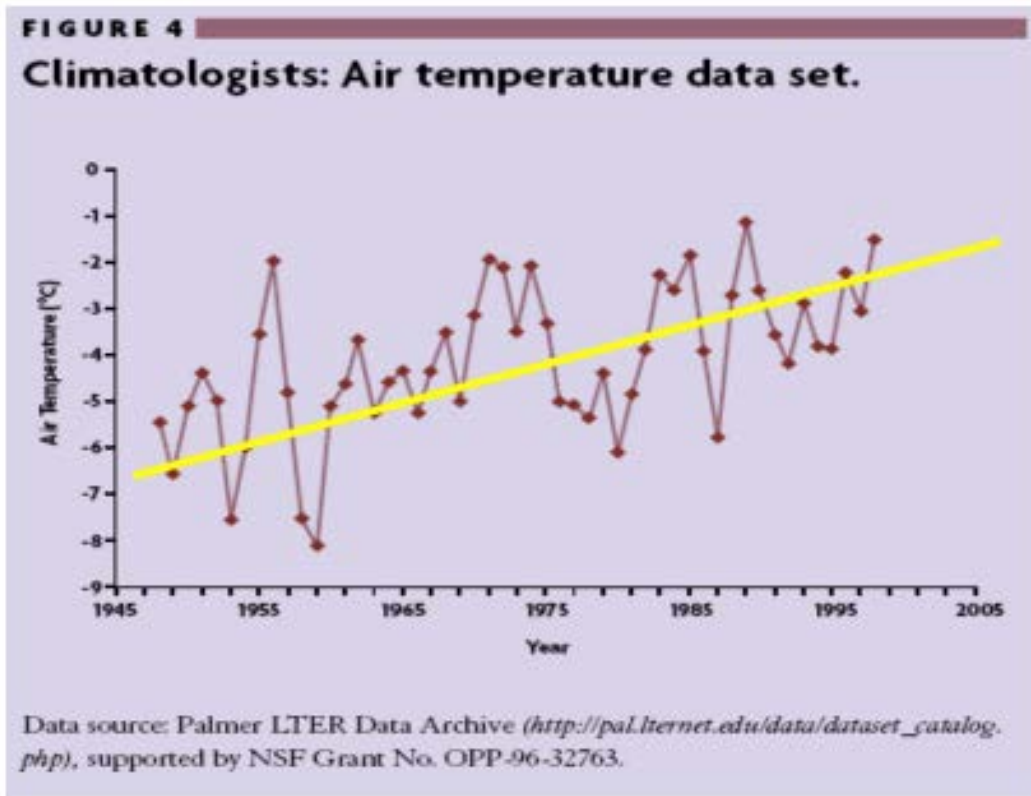## Climatologists: Air temperature data set.

Data source: Palmer LTER Data Archive (*http://pal.lternet.edu/data/dataset_catalog. php*), supported by NSF Grant No. OPP-96-32763.

What conclusions can you draw from this graph?

What evidence can you provide to support your thinking?

Adapted from: SPRINTT Polar Research "Plummeting Penguin Populations"
Sponsored by: National Science Foundation (NSF Award 0732793)

FIGURE 4

Climatologists: Air temperature data set.

Data source: Palmer LTER Data Archive (*http://pal.lternet.edu/data/dataset_catalog. php*), supported by NSF Grant No. OPP-96-32763.

Best-fit line

Most scientists use a computer program to plot a best-fit line for a set of data.

Why do you think scientists would use a line of best fit?