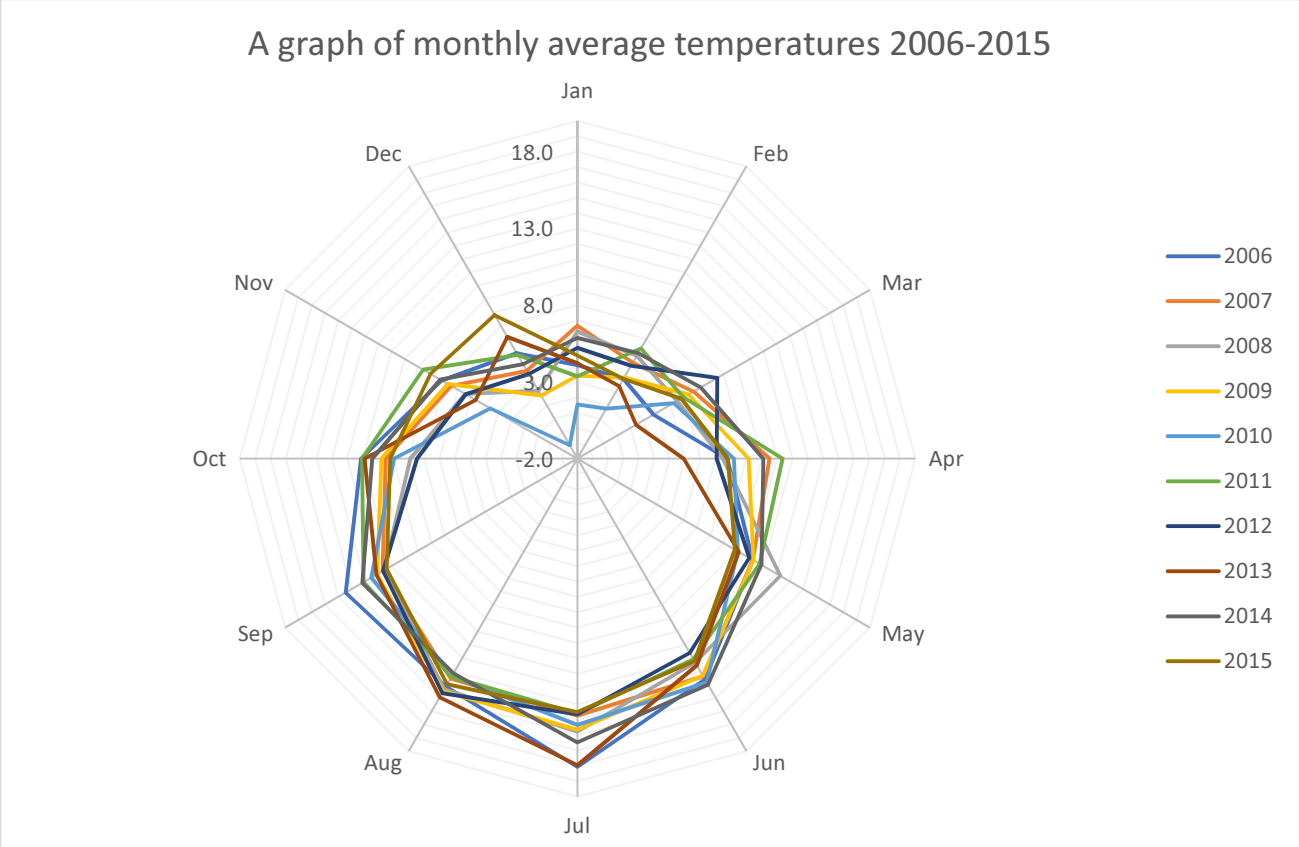
Task 2 – Graphing temperature data

Name : [Type your name here]



1. **How are extremes noticeable on this type of graph?**

   The line moves farther away or closer towards from the centre (origin) compared to the other lines.

2. **Do you think the graph is clear?** Could argue either way

   a. **Explain your answer**

   Yes - easy to see seasonal/annual change, extremes show up.

   No - Lines crowd together and often overlap because of the small scale. The graph does not use all of the space. Colour blind people wouldn't be able to tell the lines apart.

3. **Do you think it is easy to extract data from your graph?** No

   a. **Explain your answer** The scale does not have enough detail and the overlapping lines make it difficult to follow a particular year.

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b. **What could you do to improve the graph?** Graph fewer years / one year at a time. Make the graph as large as possible and the scale more detailed to make it easier to read numbers. Provide a table of values.

The radar graph below graphs the data by month instead of by year.

4. **Does the graph show that extreme monthly temperatures are unusual (that temperatures are normally similar each year?** No

   a. **Explain your answer** If monthly temperatures were the same each year the graph would be a series of concentric rings and it isn't. The more the lines overlap, the less consistent the weather is.