

A Study of Weather Patterns experienced in the UK

Amy Visser^a

^a*Stellenbosch University, South Africa*

Abstract

This article aims to explore the weather patterns experienced in the UK.

1. Introduction

This short report aims to show that the weather in the UK is less than ideal for those seeking a warm and sunny abode. In comparison to sunny South Africa, it appears as though the UK is not the coziest place to live year round. The results below reinforce this belief.

Email address: (Amy Visser)

Contributions:

The data utilised in this report has been kindly provided by UK National Weather Service.

2. Data {Analysis}

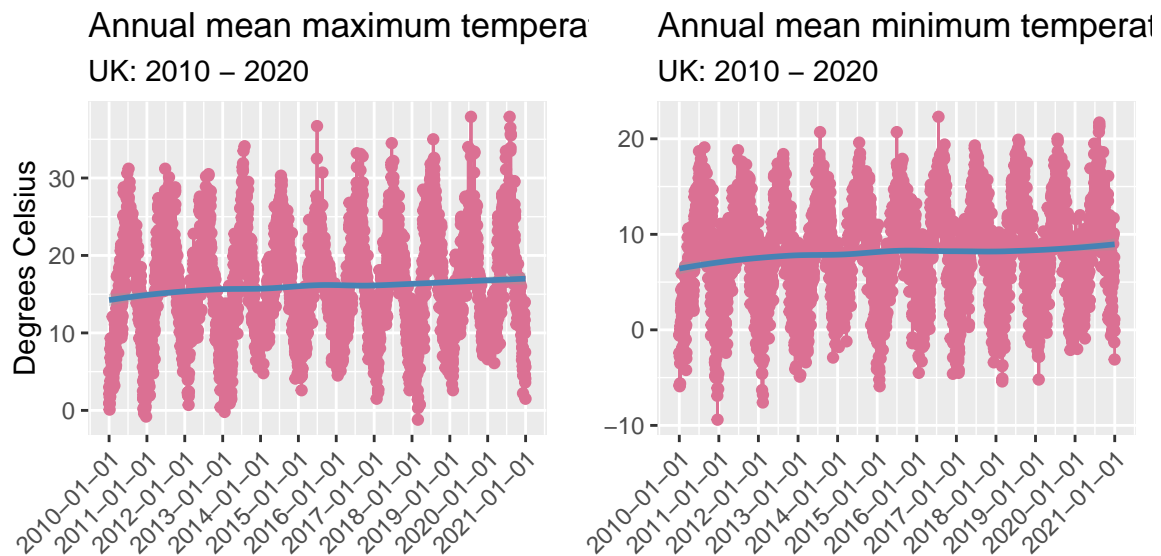


Figure 2.1: Annual Mean Minimum and Maximum Temperatures in the UK over the Last Decade

It is clear in the line and point graphs above in [2.1](#) that, while the mean temperatures have increased slightly over the last decade, the annual mean maximum temperature is only around 18 degrees Celsius in the UK, while the annual mean minimum temperature is a very chilly 9 degrees Celsius!

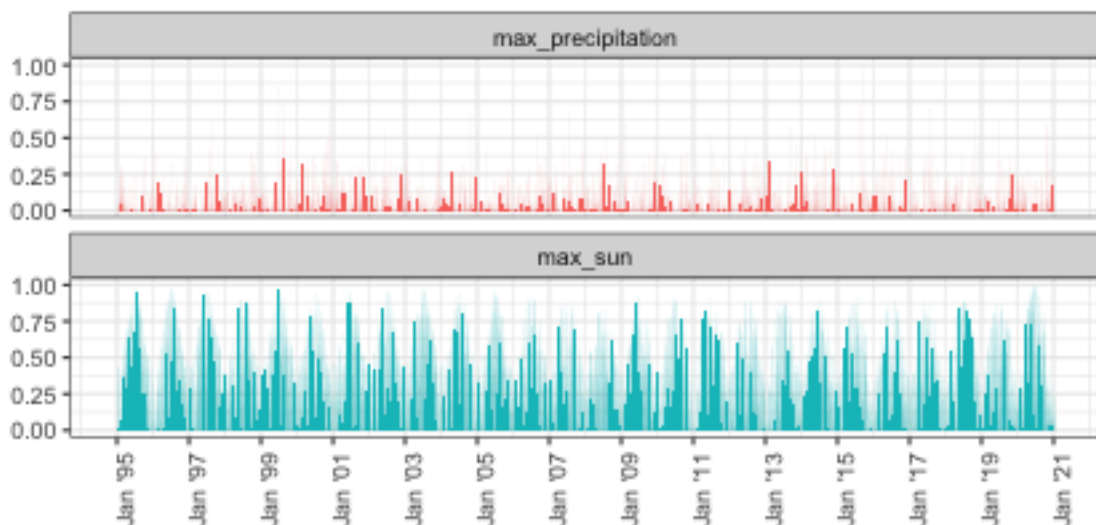


Figure 2.2: Proportion of Sun and Rain Levels in the UK Over the Period

As we can see from 2.2, it is not often that the UK reaches it's maximum sun levels throughout the year. In fact, it appears to peak about a quarter of each year (and that's not even at 100%). This means that, for most of the year, you will not be experiencing optimal sunny weather. Looking at 'max_rain', however, we can see that, while the rain does not often reach its maximum recorded level, it rains quite consistently throughout the year.

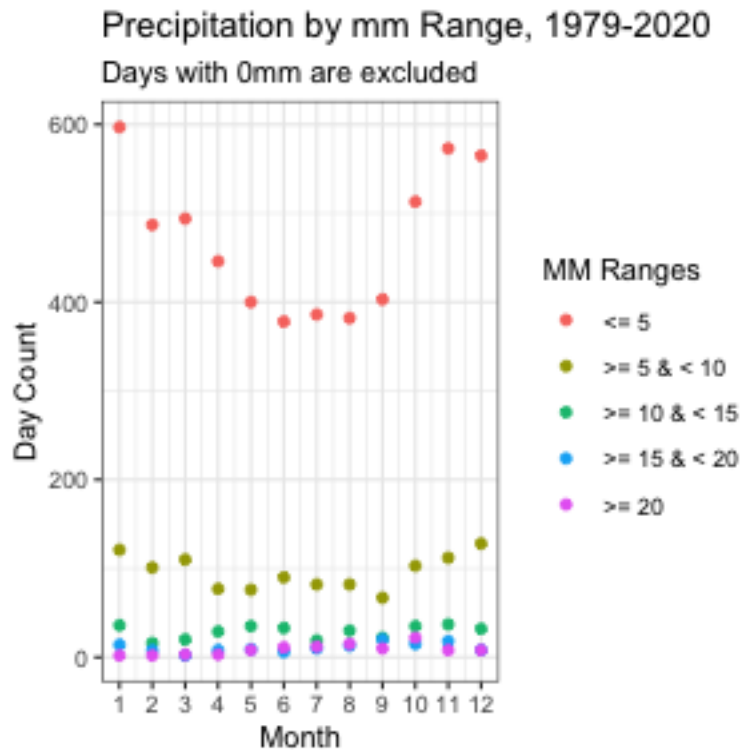


Figure 2.3: Monthly Insights

As seen in 2.3, there have been many rainy days in the UK over the sample period. The wet season(October - March), seems particularly wet over the period studied.

3. Conclusion

With reference to the figures provided in the report above, I think it is fair to state that the UK has experienced miserable weather over its history. If one were to live in the UK, they could expect many rainy days ahead, and perhaps not too many sunny ones, ahead.