

Some analysis

Introduction

For this homework exercise you will perform some simple analysis on the KNMI weather data. You will base your script on the script that reads the KNMI data.

Steps

1. Create a new script with the name `knmi_0123456.py`, where you replace the 0123456 with your student number.
2. Make the script you created for this Tuesday's exercise importable, we will be using it throughout the rest of this exercise. Pay attention to the: `if __name__ == '__main__':` trick. There is a small mistake in the previous exercise, the name of a script should not contain hyphens (as they will lead to a `SyntaxError` on import), so rename the previous file.
3. Find the wettest day in your data set, find the hottest day. Where were these records broken?
4. Create a time-series of min temperature, max temperature and precipitation at a weather station of choice in 1968.
5. Compare the summers in “De kooy” with those in “Valkenburg”. Calculate monthly averages for min, max temperature and the amount of precipitation on a 10 yearly basis. Where are the summers warmer, where are they wetter?
6. Using the monthly averages (averaged over 10 year blocks), is the weather getting warmer or wetter?