

## 0 Nahuelbuta weather station

The data file contains data from a weather station in Nahuelbuta.

- Read in the CSV file "data0\_no\_time.csv". (use `np.loadtxt()` and `delimiter=","`)
- Write a function that filters out the negative values (-9999.0) from the data.
- Plot the first (air temperature in deg C) and second column (solar radiation  $\frac{Watt}{m^2}$ ) in two separate plots.
- The time information is missing, try to figure out from what time period the data is.

# 1 Smoothing data

Load data from text, apply smoothing to the data (sliding window)

## 2 Min, Max, Mean

- Read in data from the user as input from the command line. If the user types "x" stop reading.
- Write a function that calculates the min, max and mean values from that input. The function should return a tuple (a, b, c) containing the three values
- Print the values at the end

### 3 TODO

TODO

## 4 TODO

TODO

## 5 TODO

TODO

## 6 TODO

TODO

## 7 TODO

TODO



## 8 TODO

TODO

## 9 TODO

TODO

## 10 TODO

TODO