**Workflow for data analysis**

* Read in data and create list
  + Separate scripts for separate datasets
* Use calculated offset (reference thermometer) to correct data
  + Use offset from test in the lab and substract the offset from temperature data
  + Offset for logger 33 is missing -> check that
* Tidy up data regarding spikes
  + Set a threshold for a rise in temperature (at the moment 10°C/10min) that are regarded as spikes and therefore set to NA
  + Separate scripts for separate datasets
* Split data into day and night datasets (creates separate lists)
  + Two hours per day for dawn are removed
  + Works for every dataset
* Plot the day and night datasets and save to file
  + Add the sunrise and sunset as vertical lines to the plots
  + Add description and type of location to plots

**To Do:**

* Create (working heatmap) -> check out other possibilities
* Plot logger pairs together (grey/blue/green infrastructure)
* Get daily means for the data (and add to plot?)