Definitions

Raspberry Pi – A small microcomputer capable of running both graphical and text based user interfaces. Purchasable [HERE](https://www.amazon.ca/Raspberry-Pi-RASPBERRYPI3-MODB-1GB-Model-Motherboard/dp/B01CD5VC92)

Raspbian – A GUI (Graphical User Interface) based operating system that allows both mouse and keyboard to be used with the Raspberry Pi. Downloadable [HERE](https://www.raspberrypi.org/downloads/raspbian/)

SenseHAT – The tool used by the Raspberry Pi to collect the weather data the scrips records. Purchasable [HERE](https://www.amazon.ca/2483095-Raspberry-Pi-Sense-HAT/dp/B014T2IHQ8/ref=sr_1_1?s=electronics&ie=UTF8&qid=1528306247&sr=1-1&keywords=SenseHAT)

GPIO Header – A piece that can be mounted on top of the Raspberry Pi’s onboard GPIO pins to allow for more room to mount extra equipment. Purchasable [HERE](https://www.amazon.ca/Adafruit-GPIO-Header-Raspberry-HAT/dp/B00SK6M7C0/ref=sr_1_10?s=electronics&ie=UTF8&qid=1528306350&sr=1-10&keywords=gpio+header)

Python 3 Software – A software used to write in the Python Language that enables the program to be run. Install with the following command (without quotes) “sudo apt-get install python3-picamera”