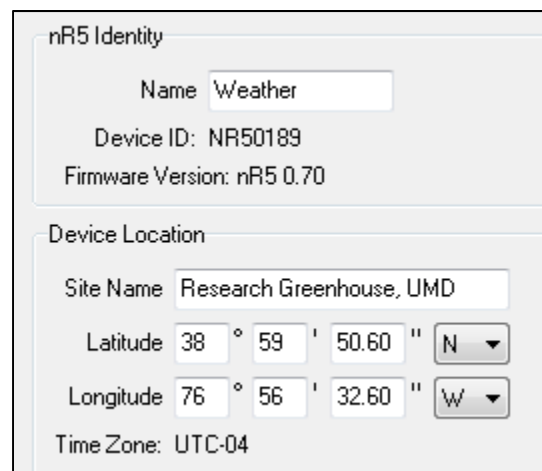


1.2. Naming the device and site

Each data logger installed in a field/greenhouse operation should have a unique name/identifier. This logger name can represent the name of the operation, crop, production block, treatment etc. ECH2O Utility allows a maximum of eight characters (including letters, numbers and most symbols) for naming data loggers. By default, data loggers have the serial number as their name. This serial number (Device ID) and the version of the current firmware installed on the data logger are displayed.

The site name field, available on some data loggers, can be used to identify the general location of the area where the data logger is installed. In addition, the latitudinal and longitudinal position of the area can be entered and saved in these data loggers. Both of the above are optional parameters and do not affect how data loggers function. However, they are useful for organizing the data logger when used in the DataTrac software (Decagon Devices, Inc., Pullman, WA) and to keep record of where the data logger is geographically located, respectively (Decagon Devices, Inc. 2013). The time zone of the location of the data logger is displayed. An example of data logger containing such optional information is given in Figure 3.

- Assign device name, site name and location to the data logger.



nR5 Identity

Name: Weather

Device ID: NR50189

Firmware Version: nR5 0.70

Device Location

Site Name: Research Greenhouse, UMD

Latitude: 38 ° 59 ' 50.60 " N

Longitude: 76 ° 56 ' 32.60 " W

Time Zone: UTC-04

Figure 3. ECH2O Utility screen showing device name, site name and geographic location.