

Netley Marsh Weather data for research

The file nm_wx.csv contains weather data for Jonathan and Daria Hudson's weather station ('The Netley Marsh Weather Station') augmented by wind data from 'Sotonmet.co.uk'. The data may be considered to be in the public domain, and can be used without restriction, however attribution is appreciated.

The data is recorded at 2 minute intervals (or as least as closely to two minute intervals as Southern and Scottish Electricity's rural supply and a domestic UPS permit), and includes, inter alia, the following fields:

Field	Units	Notes
Date	ISO 8601 with time zone	e.g. 2011-06-01 00:02:00 +0100 is two minutes after mid-night on 1 st June 2011.
AirTemp	°C	From a "standard met shaded" enclosure, nominally accurate to c. 0.125°C
Soil Temp	°C	Temperature nominally 150mm below ground level, precision as for AirTemp.
Pressure	HPa	Air pressure adjusted to MSL. Good correlation with reported values from Southampton Airport.
Humidity	%	Relative Humidity.
Rain	mm	Rainfall within the 2 minute period (0 == no rain)
Solar	W/m ² s	Indicative solar radiation. Note a large tree obscures the sensor at least in summer around 1600, so data is indicative only.
Wind Speed	m/s	As recorded at Southampton docks by sotonmet.co.uk, when available.
Wind Direction	°	As recorded at Southampton docks by sotonmet.co.uk, when available.

Convenient graphical representations of annual / current rainfall are available as:

<http://www.zen35309.zen.co.uk/wx/YYYYRainfall.pdfh>

<http://www.zen35309.zen.co.uk/wx/AnnualRainfall.pdf>