



# Windguru Station

User Guide  
Version 1.2  
Paul Kimmens  
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## **Introduction**

The club installed a WindguruStation 2 in July 2017 to provide real time information on wind speed, direction, and temperature.

This user guide provides an overview of how to access the information and what it means.

## **Where is the wind being measured?**

The Weather Station is mounted on the top of the flag post on the race hut at the club.

## **How do I access the information?**

You will need a PC, Tablet, or Smartphone with internet access.

Go to the club website home page and if you are not logged in you will see an icon titled 'Weather-Webcam' just below the banner photo:-

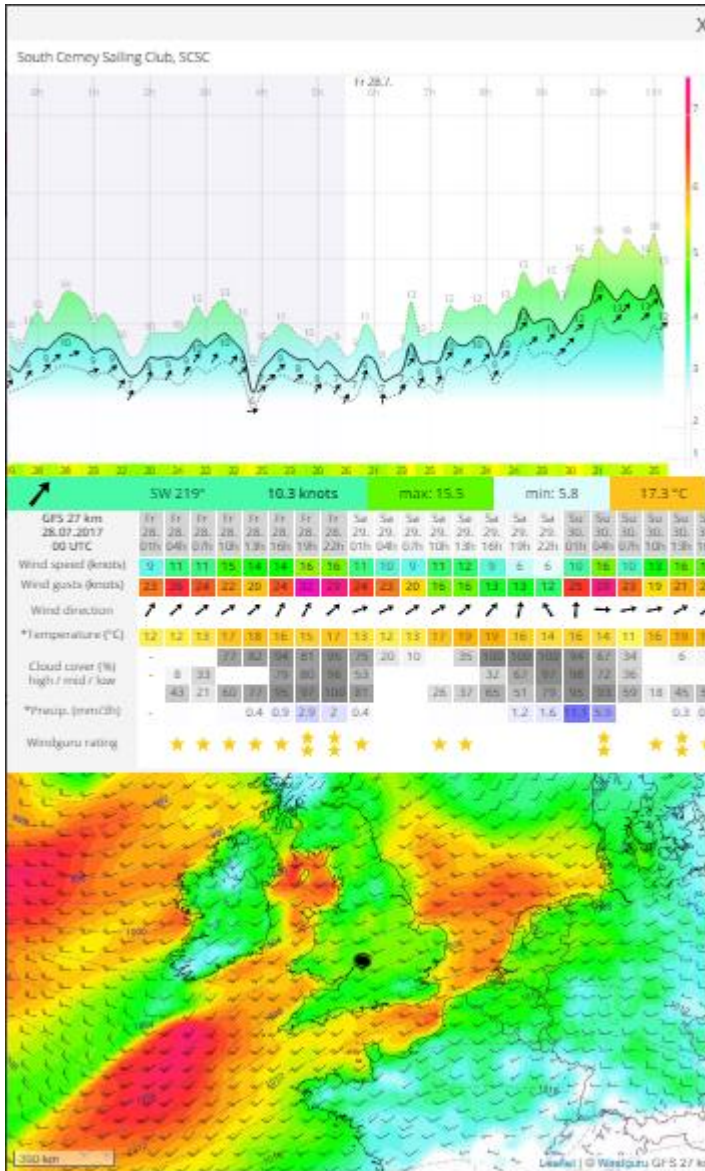


You will then be presented with the web cam view and the Windguru**LIVE** icon

If you are logged in you will see the Windguru**LIVE** icon (The numbers in the middle and the colour of the 'S' will vary depending on the wind strength):-



Click on the Windguru**LIVE** icon and you will see the Windguru Station information and a Windguru forecast as shown on the following page.



Part 1

Part 2

Part 3

The information is split into 3 parts:-

1. Live Data
2. Tabular forecast (standard Windguru forecast for South Cerney)
3. GRIB chart

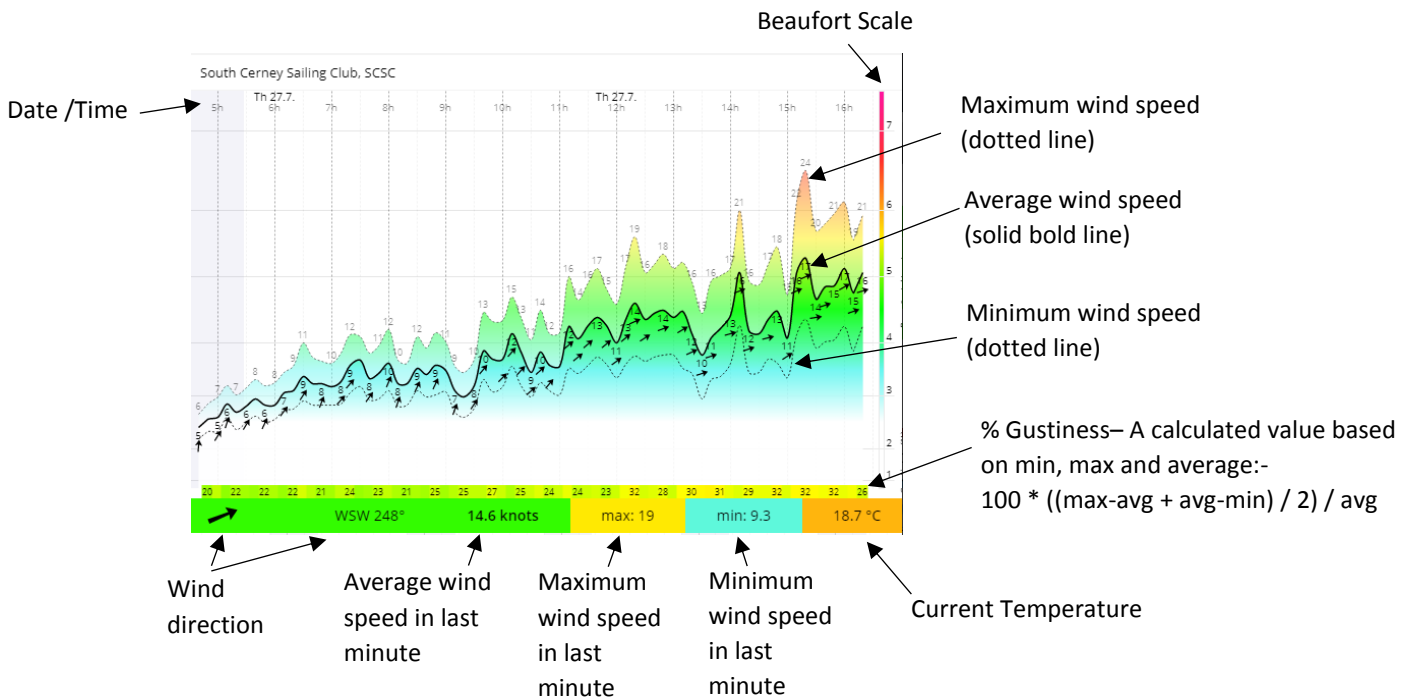
Each of these parts is discussed in more detail in the following sections.

Wind speed is measured in Knots and temperature is measured in degrees centigrade.

## Part 1 – Live Data

The data in this part is updated once every minute and is the actual wind speed, direction, and temperature measured at the sensor mounted on the race hut. All measurements are based on the last minute i.e. Max wind speed is maximum recorded in last minute, average wind speed is the average of the last minute, etc, etc.

The following diagram details how the information that is presented:-



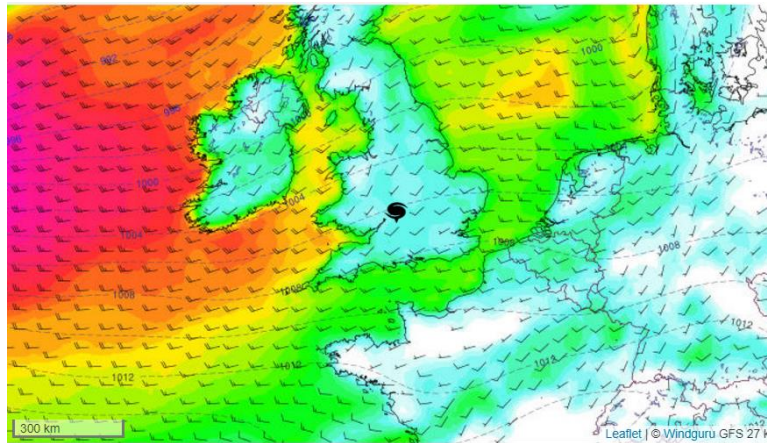
## Part 2 – Graphical Forecast, wind/temperature

This is the standard Windguru tabular forecast for South Cerney. You can move the forecast by holding your left mouse key down and moving the mouse left or right.

GPS 27 km	Fr	Fr	Fr	Fr	Fr	Fr	Sa	Sa	Sa	Sa	Sa	Sa	Su	Su	Su	Su	Su
28.07.2017	28.	28.	28.	28.	28.	28.	29.	29.	29.	29.	29.	29.	30.	30.	30.	30.	30.
00 UTC	01h	04h	07h	10h	13h	16h	01h	04h	07h	10h	13h	16h	01h	04h	07h	10h	13h
Wind speed (knots)	9	11	11	15	16	16	11	10	9	11	12	9	6	6	10	14	16
Wind gusts (knots)	23	28	24	22	22	24	20	24	20	16	16	13	12	20	23	23	21
Wind direction	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗
*Temperature (°C)	12	12	13	17	18	16	15	17	13	12	13	17	19	16	14	16	14
Cloud cover (%)	-	8	33	29	82	84	81	95	75	20	10	35	100	100	94	67	34
high / mid / low	-	43	21	50	77	95	97	100	81	-	-	26	37	65	51	29	95
*Precip. (mm/3h)	-	-	-	0.4	0.9	2.9	2	0.4	-	-	-	-	-	1.2	1.6	3.3	3.9
Windguru rating	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

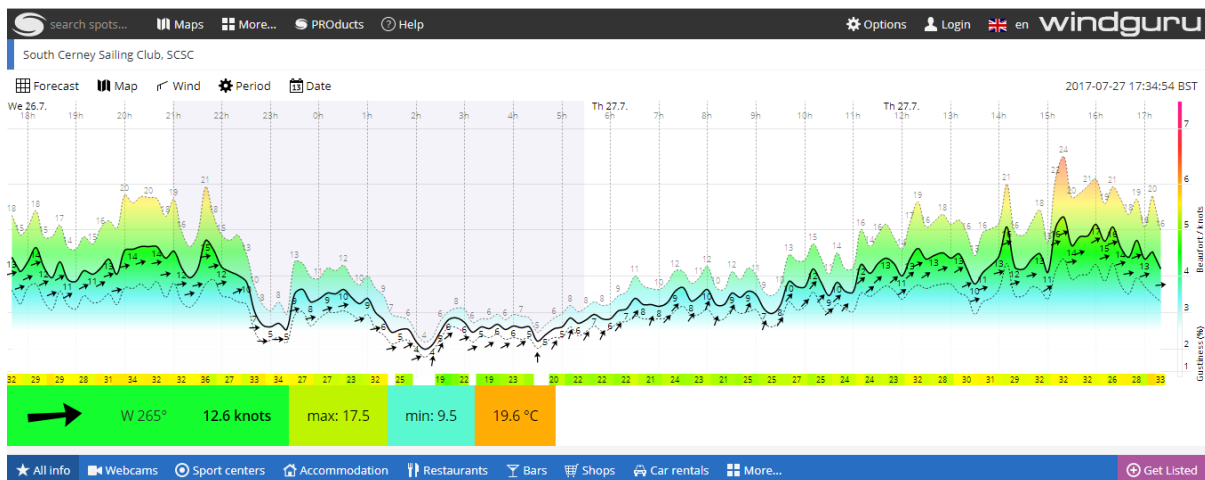
### **Part 3 - GRIB**

The 'darts' on the chart represent the wind direction and the number of 'feathers/size of feathers' on each 'dart' indicate the wind strength. The chart is also colour coded to signify wind strength.



## More Detailed information






If you want more detailed information click anywhere on the Part 1 chart and this will open a more detailed window as follows:



The chart defaults to a 24hr period and shows a graphical representation of the wind.

At the bottom of the chart is the current wind speed/ direction and temperature

The icons at the top of the chart Have the following functions:-

-  **Forecast** Displays a whole range of Windguru forecasts for South Cerney
-  **Map** Displays a map showing the location of our WindguruStation 2.
-  **Wind** Toggles the chart between wind and temperature
-  **Period** User selectable period of time to display on the chart from 1 hour to 30 days
-  **Date** User selectable date

Note: you can also toggle the chart between wind and Temperature by clicking on the current wind / temperature values at the bottom of the chart.

Also, in the top right hand corner is the date and time of the last data update, if this does not change after approx 1 minute you may need to refresh your browser (typically press F5).

## Further Information

If you would like to know more details about Windguru and the Weather Station please visit the Windguru web site <https://stations.windguru.cz/>

## Troubleshooting

If you experience problems accessing the weather station or require further information specific to South Cerney please contact:

- Paul Kimmens - 07788 299788
- Vernon Perkins - 07469 701154