



# HAMPTON PIER YACHT CLUB

## WindGuru Weather Station

As part of the install of the new WindGuru weather station the club has 3 widgets in use on the weather page of our website: <http://www.hpyc.org.uk/weather.htm>

The data on all of these is refreshed every minute

### 1. Summary of current conditions

Simple enough – no additional click through available on this



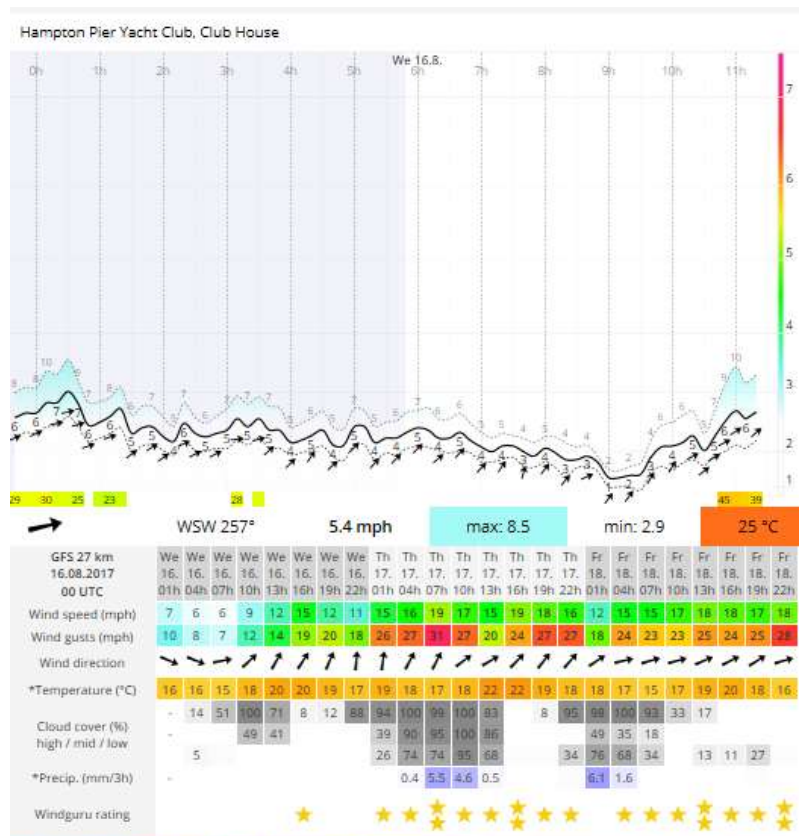
### 2. Main WindGuru widget

The main logo shows the current Average Wind Speed. Unlike the summary conditions (above) this figure is rounded

The colour of the logo changes according to wind speed.

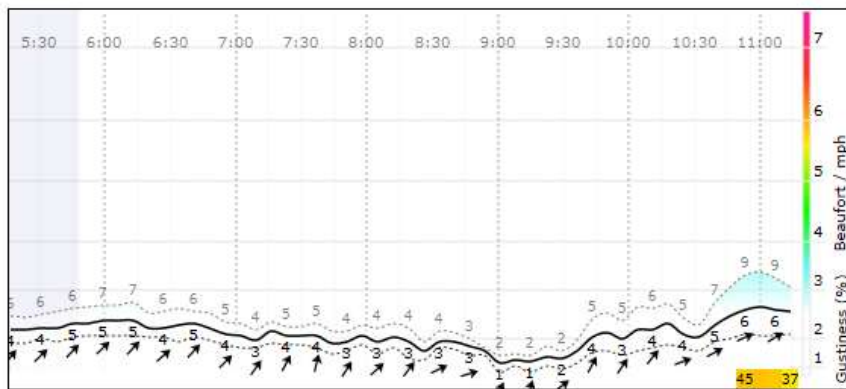


If you click on the icon this opens a lightbox showing current conditions, wind graph and also the WindGuru forecast and forecast map

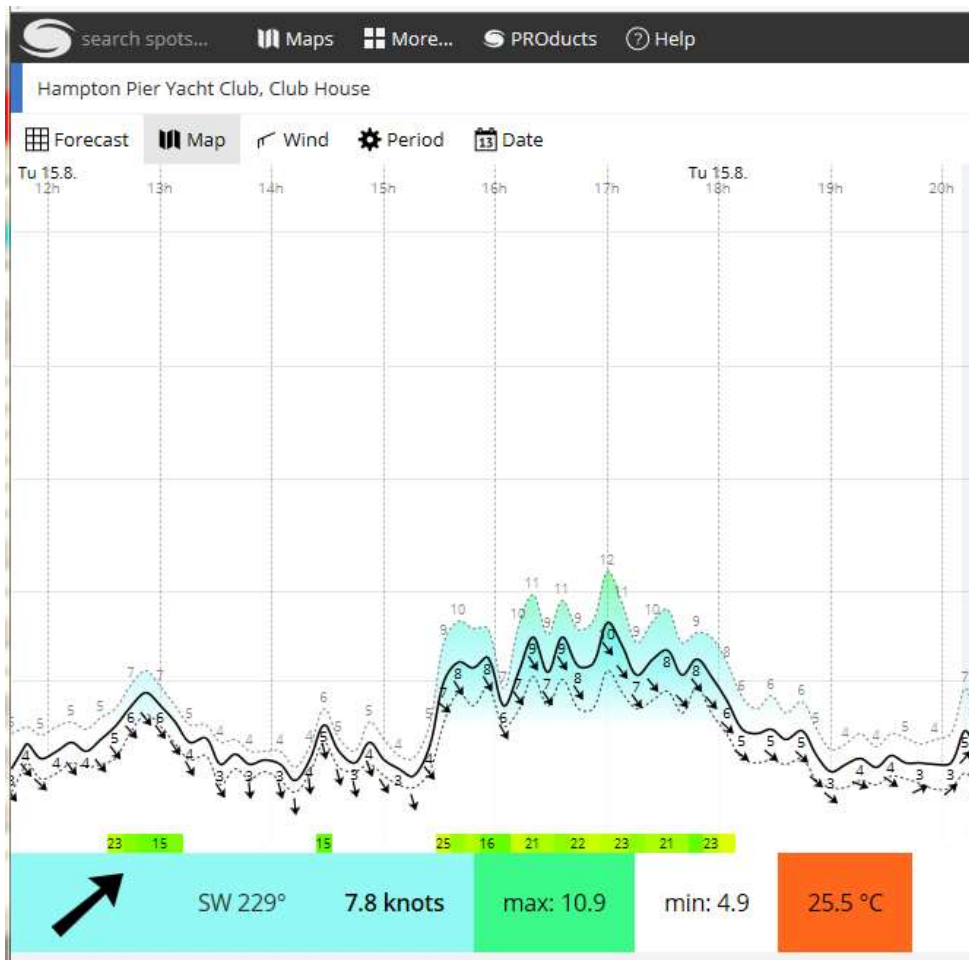


If you click on the X in the top right hand corner of the lightbox this will close the lightbox and you will be back on the club Weather page

### 3. Detailed Wind Graph



If you click on this you go to our full weather station page on WindGuru Site <https://www.windguru.cz/station/1009>

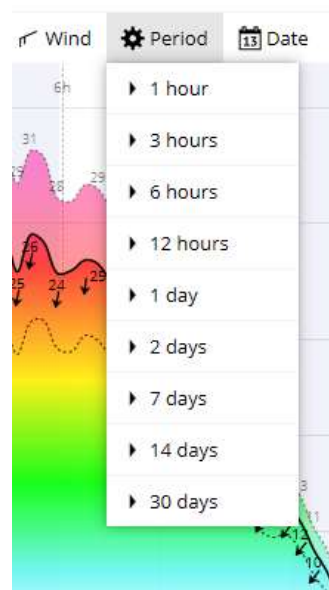


The most obvious block of info at the bottom – (arrowed) is straightforward enough  
Wind Direction > Average Wind Speed, Max & Minimum Wind Speed, Temperature

The graph above this can be more confusing depending on what time period is displayed.

The easiest way to think about this is that unlike a standard weather site **this is not forecasting, it is only showing data that has already been recorded.**

At the top of the page there is an icon for **Period**

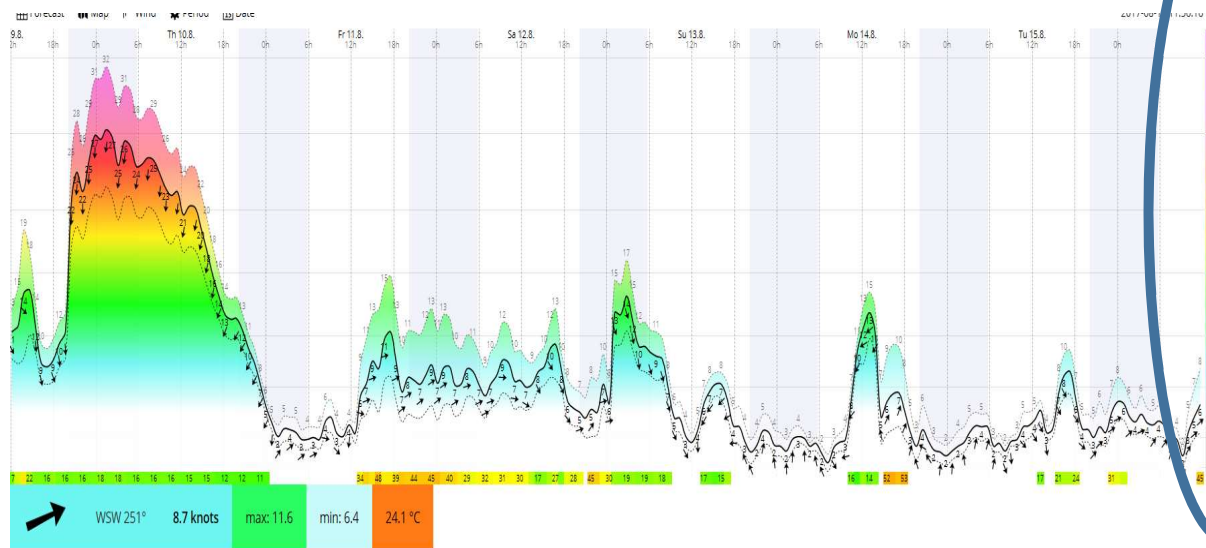


This controls how long a period of wind data you look at from an Hour up to a Month

If you set this to look at the last 7 days data although you get a very fancy graph you need to remember that that data for NOW is squashed right over on the far right hand side of the screen

**One week ago**

**Now**



The graph does have the date & time running along the top but it's fairly faint.

**Change the period display down to 3 hours or 1 hour**

**This will give you a much clearer picture of what the wind has been doing in the run up to you going afloat**

## What do all the lines & numbers mean?

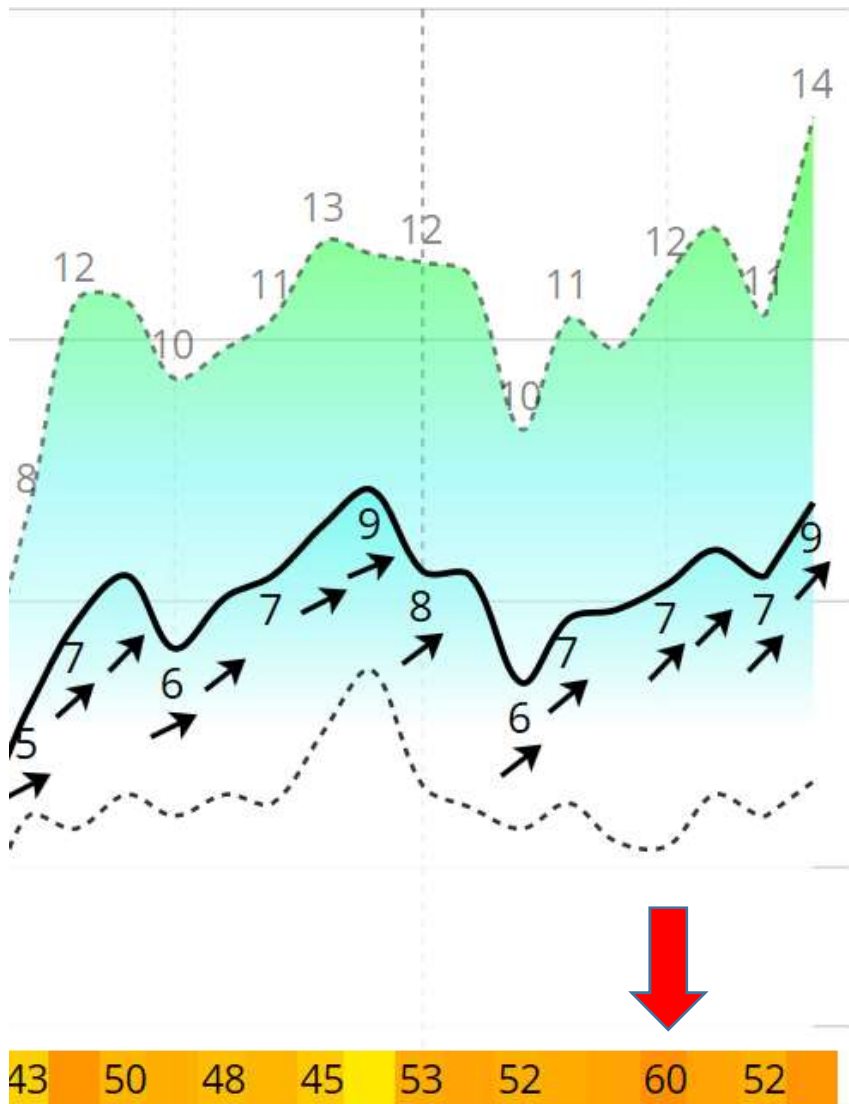
If as suggested above you have changed the period view to the last couple of hours you should now have a much less cluttered picture

**Black Arrow:** Wind direction – relative to a standard compass display where north is straight up

**Top Dotted Line & Number:** Max wind Speed (Gust)

**Solid Black Line & Number:** Average Wind Speed

**Bottom Dotted Line & Number:** Min Wind Speed

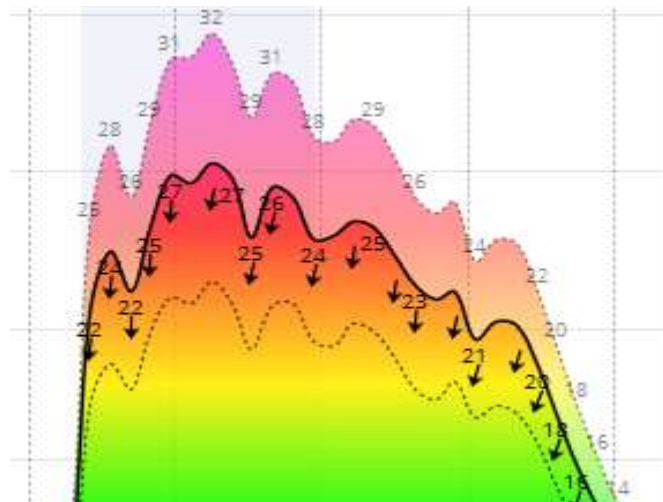


The Yellow/ Orange boxes running along the bottom are the **Gustiness Percentage** i.e. where the red arrow is although the average wind speed was 7mph it was gusting up to 12mph 60% of the time

**Note** – there seems to be a bug in their site that the gustiness icon disappears if you go down to the 1 hour view.

The coloured shading underneath the lines shows the wind speed relative to a Beaufort scale

This changes through White to Blue where this is almost no wind to a timid whiff of a breeze through Green Amber & Red up to a rather startling Pink when your reach Force 8



If you want a **Forecast** – there is an icon for this at the top of the page



Hampton Pier Yacht Club, Club House

Forecast Map Wind Period Date

Selecting this gets a 7 day forecast - is this any more accurate than any other weather forecasting site- no idea.

United Kingdom - Hampton Pier Yacht Club, Club House

Live Wind Club House Hampton Pier Yacht Club. (0 km) 6.5 km

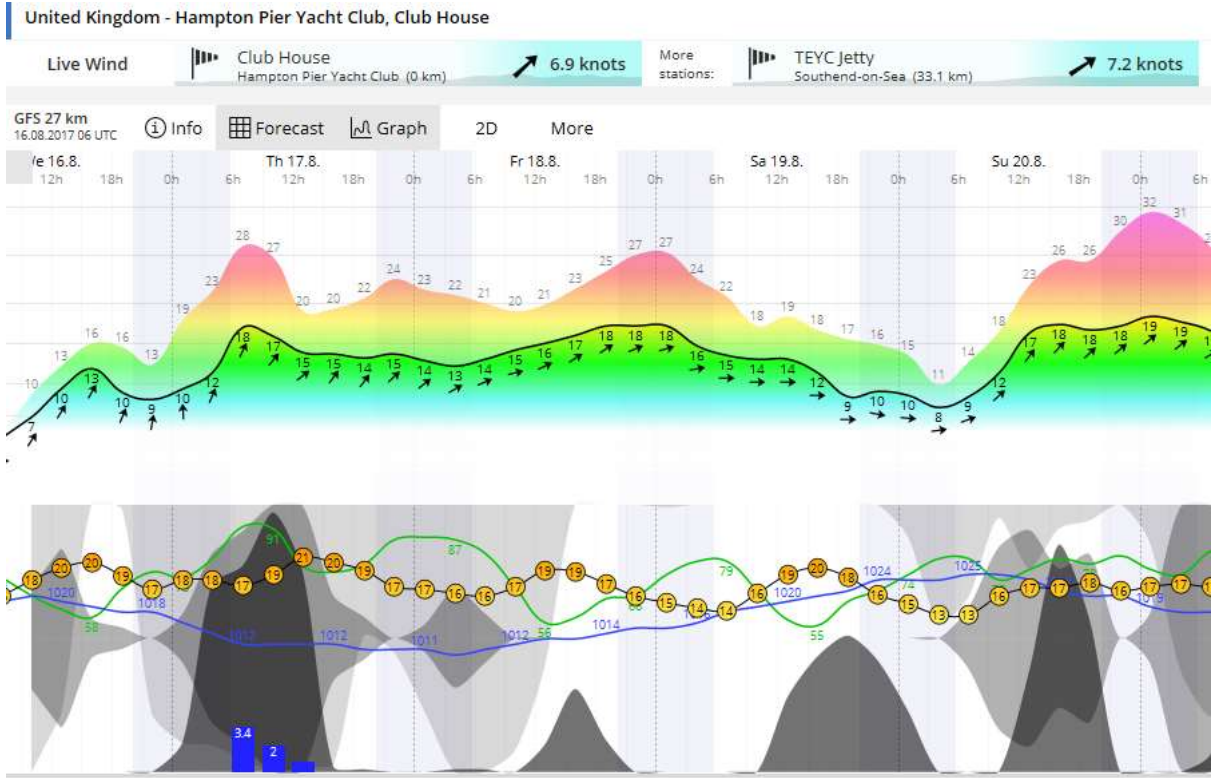
GFS 27 km Info Forecast Graph 2D

Init:	We 16. 07h	We 16. 10h	We 16. 13h	We 16. 16h	We 16. 19h	We 16. 22h	Th 17. 04h	Th 17. 07h	Th 17. 10h	Th 17. 13h	Th 17. 16h	Th 17. 19h	Th 17. 22h
16.08.2017 06 UTC													
Wind speed (knots)	4	7	10	13	10	9	12	18	17	15	15	14	15
Wind gusts (knots)	5	10	13	16	16	13	23	28	27	20	20	22	24
Wind direction	→	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗
*Temperature (°C)	16	18	20	20	19	17	18	17	19	21	20	19	17
Cloud cover (%)	-	100	79			78	90	95	100	98	97	49	55
high / mid / low	-	38	67	15	8		63	80	100	99	32	16	
*Precip. (mm/3h)	-							3.4	2	0.8			
Windguru rating		★					★	★	★	★	★	★	★

WRF 9 km Info Forecast Graph 2D



If you really like your weather forecasting with bells & whistles select Graph view



If you can decipher what the 2D view options mean you probably don't need to be reading this user guide - answers on a postcard.

