



EasyWind is born with the object of providing **real-time wind speed and direction** measurements, from a sensor placed in a support boat to a **mobile device** (smartphone or tablet).





The sensor transmits measurements to a reception unit, which processes and displays them through its own wifi network, to be viewed through a web interface via a mobile device web browser.

## Main Features

- ✓ Plug and play wind measurements in your smartphone or tablet.
- ✓ Whole day reliable wind measurements.
- ✓ Average values displayed.
- ✓ Measurements for the last minute, 10', 30', 1h, 3', 5h.
- ✓ History sessions calendar.
- ✓ Weather conditions display: Temperature, pressure...\*
- ✓ Boat conditions display: Pitch, Roll, Yaw...\*

\* These variables may change according to the wind sensor model.



|                        |  |  |
|------------------------|--|--|
| ✓ Wind sensor          |  | Ultrasonic wind sensor   |
| ✓ Wind mast            |  | Windsurfing mast or similar.<br>3 m recommended length.                        |
| ✓ Reception Unit       |  | Exterior dimensions:<br>16.2 x 12.1 x 5.4 cm                                   |
| ✓ Smartphone or tablet |  | WIFI enabled.<br>Internet browser.   |
| ✓ Installation         | Cables etc   | Connectors & cables, which will vary according to the support boat being used. |













EasyWind's software has been designed to provide full information about wind conditions, in the most simple and visual possible display. It has been developed according to the KISS premises, (keep it simple & stupid), and has been designed in order to provide a user friendly interface and an optimised usability within a boat environment. It comprehends the following sections:

|                      |  |
|----------------------|--|
| MAIN MENU / HOME     | Menu link to each different section.                                   |
| WIND CONDITIONS      | Real time wind measurements.   |
| REAL TIME STATS      | Dynamic wind line chart with left/right deviations and average values. |
| AMBIENT CONDITIONS * | Temperature, pressure, latitude, longitude, date and time. *           |
| BOAT CONDITIONS *    | Heading, SOG, COG, Pitch, roll, yaw. *                                 |
| VIEW HISTORY         | Session history.   |
| SYSTEM CONFIGURATION | Software configuration and update options.                             |



\* These variables may change according to the wind sensor model.

## Main Menu

2014-04-04  
14:19:41UTC

-  Wind conditions
-  Real Time Stats
-  Ambient conditions
-  Boat conditions
-  View history
-  System configuration
-  Help
-  About EasyWind



## Wind Conditions

2014-04-04  
14:19:41UTC

TRUE WIND CONDITIONS

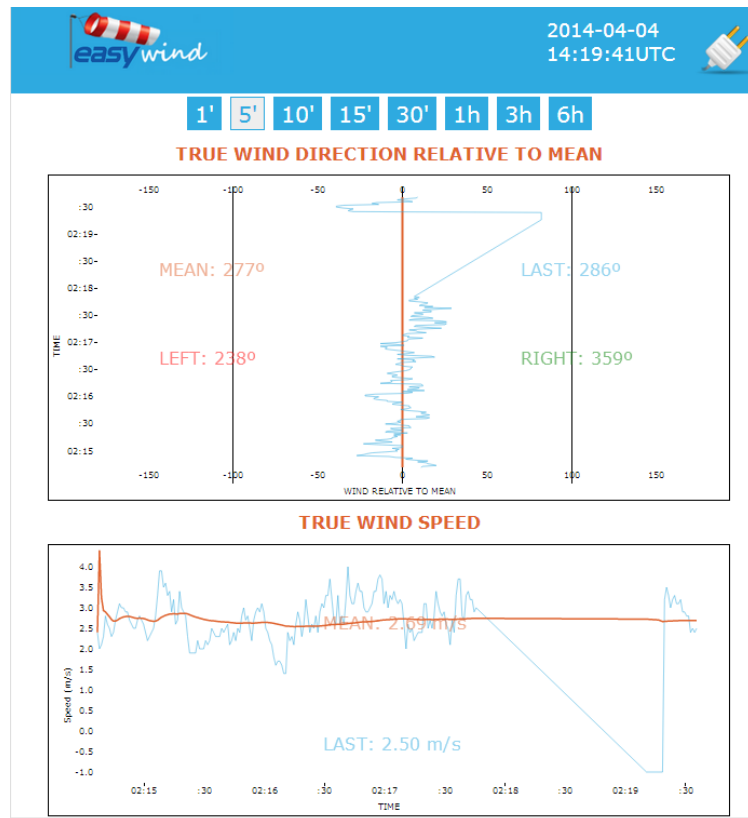
|           |             |
|-----------|-------------|
| 286°<br>W | 2.50<br>m/s |
|-----------|-------------|

## Ambient Conditions

2014-04-04  
14:19:41UTC

|                                   |  |
|-----------------------------------|--|
| AIR TEMPERATURE<br>18°            | PRESSURE (bars)<br>1014                    |
| DATE<br>2014-04-04<br>14:19:41UTC | LATITUDE<br>39.5013<br>LONGITUDE<br>2.7499 |

## Real - Time Stats



## View History



Import

Select day: 2014-05-09

View



| April 2014 |    |    |    |    |    |    |
|------------|----|----|----|----|----|----|
| Su         | Mo | Tu | We | Th | Fr | Sa |
|            |    | 1  | 2  | 3  | 4  | 5  |
| 6          | 7  | 8  | 9  | 10 | 11 | 12 |
| 13         | 14 | 15 | 16 | 17 | 18 | 19 |
| 20         | 21 | 22 | 23 | 24 | 25 | 26 |
| 27         | 28 | 29 | 30 |    |    |    |

< > today
 month week day

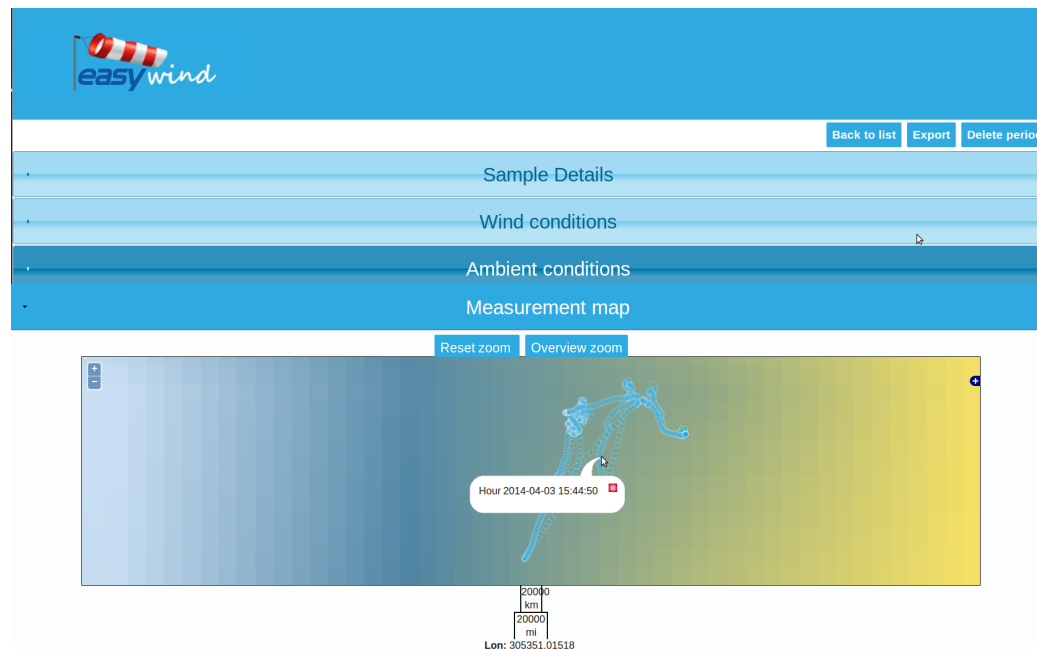
| Sun  | Mon | Tue   | Wed   | Thu   | Fri  | Sat |
|--|-----|---|---|---|--|-----|
| <b>12:05p</b> 2:OD server (Airmar PB150)<br>start: 2014-03-30 12:05:05 end:2014-03-30 14:03:45 |     | <b>8:17p</b> 3:OD server (Airmar PB150)<br>start: 2014-04-01 20:17:03 end:2014-04-01 23:59:59 | <b>12a</b> 4:OD server (Airmar PB150)<br>start: 2014-04-02 00:00:00 end:2014-04-02 16:54:57 | <b>2:45p</b> 5:OD server (Airmar PB150)<br>start: 2014-04-03 14:45:59 end:2014-04-03 15:58:25 | <b>10:14a</b> 6:OD server (Airmar PB150)<br>start: 2014-04-04 10:14:48 end:2014-04-04 16:19:41 |     |
| 6  | 7   | 8   | 9   | 10  | 11   | 12  |



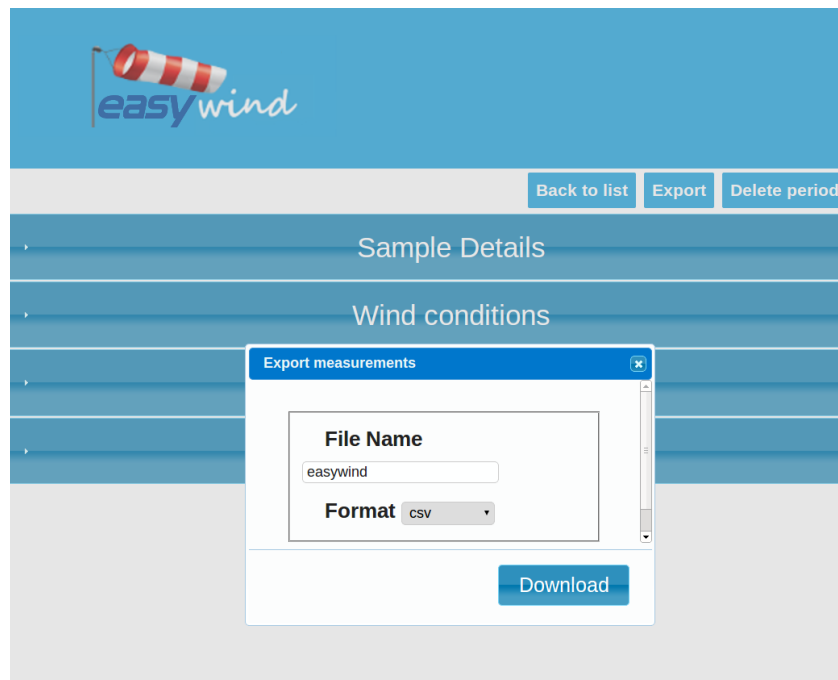
## Boat Conditions

|   |      |   |         |
|---|------|---|---------|
|  |      | 2014-04-04<br>14:19:41UTC  |         |
| HDG   | 114° | SOG (Knots)   | 0       |
| COG   | 218° | PITCH:0°  | ROLL:0° |

## Day View with Measurement Map



## Exporting Options

The screenshot shows the easywind software interface. At the top, there is a blue header with the easywind logo. Below the header, there is a navigation bar with three buttons: "Back to list", "Export", and "Delete period". The main content area is divided into two sections: "Sample Details" and "Wind conditions". The "Wind conditions" section is currently active, displaying a table with five rows of data. Overlaid on the "Wind conditions" section is a dialog box titled "Export measurements". The dialog box has a blue header with a close button (X). Inside the dialog, there is a "File Name" field with the text "easywind" and a "Format" dropdown menu set to "csv". At the bottom of the dialog is a blue "Download" button.

easywind

Back to list Export Delete period

Sample Details

Wind conditions

Export measurements

File Name  
easywind

Format csv

Download