

## GRIBview 3.2 User Guide



Connection to server established.

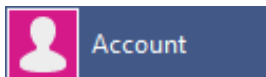


No connection to server.

Generally one of two issues;

1: Your user id and password have not been entered correctly.

2: Firewall blocking connection to our server. Try your home network.



Opens login dialog

Login dialog

### Top tool bar: Hot Buttons. Single click download (touch screen enabled)



Clear screen



Wind speed: download and animate function (default loads 4 days of 1.0 GFS)



Pressure: download and animate function (default loads 4 days of 1.0 GFS MSLP)



Precipitation: download and animate function (default loads 4 days of 1.0 GFS Precip)



Air Temp: download and animate function (default loads 4 days of 1.0 GFS Temp)



Wave Height: download and animate function (default loads 4 days of 1.0 WW111)



Wind/Pressure/Precipitation: download and animate function of Group mode (default loads 4 days of 1.0 GFS)









All group mode parameters are selected and user can switch to a single view mode of each 'on' icon. Selection of each reanimates that parameter from the first hour of the forecast.



Sea Surface temperature. Download one update per day, single hour displayed.



Buoy data: Loads all Global buoys. Selection of individual buoy icon pulls most recent buoy data from our server and displays in buoy table with buoy name and lat/lon. Server checks for NOAA updates every 15 minutes. Buoys remain displayed when other parameters are selected.

Buoy: SHIP <span>✕</span>	
Ship at 38.9N 9.8W	
	330 ° 26 knots
	15 °C Air
	1005 hPa
	- m
	11 °C Sea
	- ° 4.5 m 5 sec
17.05.2013 10:00 UTC	



NEXRAD: US coverage. Loads 25 x 10 min time step (4 hours) of the most recent historical data starting from the oldest. Resolution is 0.018 degree. Server updates every 10 minutes.



Tidal Stream: Downloaded and reanimate. Speed and Direction of surface tidal current covering North West Europe at 0.018 degree resolution. x 3 hour time step as default. x 1 hour available via advanced settings.



Animation control and step forward/back.

### Left Side Tool Bar



Resource Areas. Default is GFS 1.0. Please see the last section for more detail on the GFS 1.0/0.5 x 6 days x 3/6 time step

Resource Areas	Regional High-Res Areas:	Super High-Res Areas:
Global 1.0 degree	North Atlantic	English Channel
Global 0.5 degree	South America	West Europe
Regional high-res ▶	South Africa	East/Centre US
Regional super-res ▶	Australia SE & NZ	West/Centre US
	Australia East	Alaska
	Australia West	
	North America	

For more information on Resource Area coverage (time steps, forecast hours, updates times) see the end of this guide.



Advanced settings dialog:

1. Change your download settings here. Forecast duration, time step and data types.
2. Select your map area and res area before selecting advanced settings. The mini map reflects your chosen area and your Res area is also noted.
3. Set and name favourites.
4. Email setting. Forecasts sent as email attachments to registered email address for up to 30 days. Simply click on the attachment to download and view the forecast within GRIBview.



Favourites: Save favourites via the advanced settings dialog and download any of your favourites in a single click.



Open Saved: goes to default GRIB folder where all downloaded files are stores. Double click file to reopen and animate.



Choose map projection: Equirectangular (Default) or Mercator. Multiple projections are support via the SDK.

### UI Functions:



Click or tap the screen (touch screens) to bring up these screen functions



Meteogram selection. Lat/Lon noted as point clicked on. This function is Res area dependent. E.g. select a high-resolution area and value table/meteogram values are requested from respective high resolution data.



Meteogram selected point.

Online: If NO data is displayed in UI then value table/meteogram selection is requested from server.

Offline: If data is displayed in UI then value table/meteogram is requested from downloaded data.

Online from Offline request can be made by clicking on 'Online' in the value table, this downloads any additional data for that value table/meteogram.

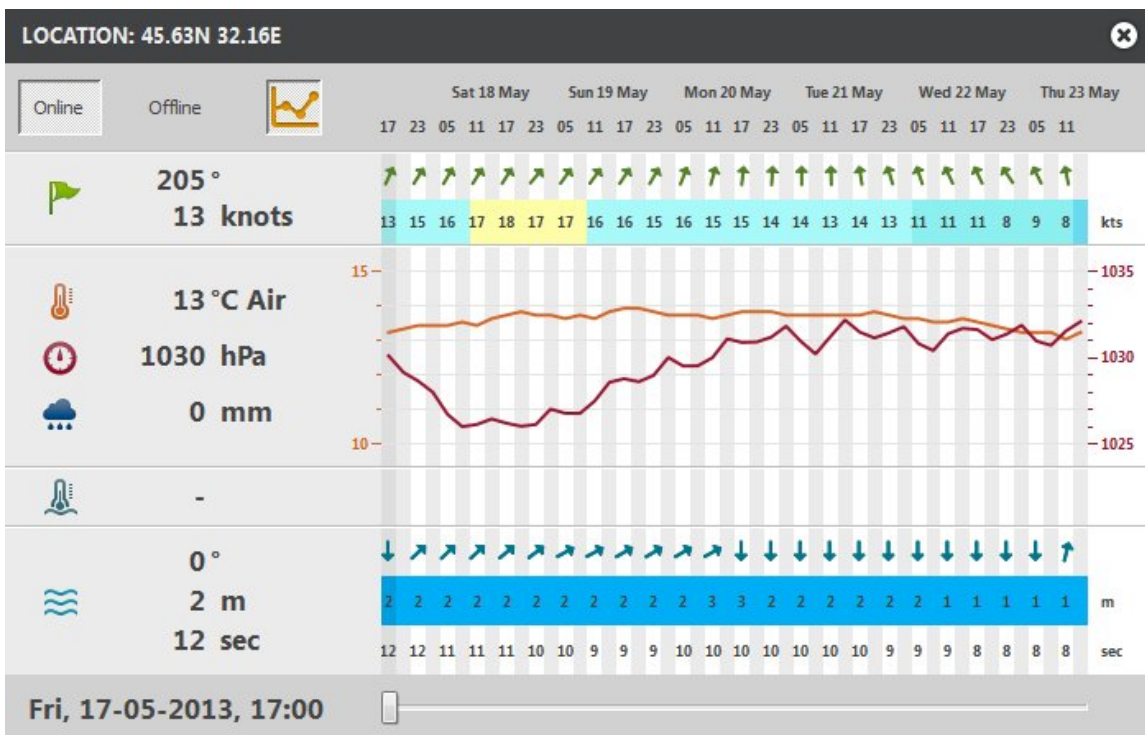
Online

Offline

LOCATION: 45.63N 32.16E		LOCATION: 45.63N 32.16E	
Online	Offline	Online	Offline
205°	13 knots	207°	14 knots
13 °C Air		-	
1030 hPa		-	
0 mm		-	
-		-	
0°		-	
2 m	12 sec	-	-
Fri, 17-05-2013, 17:00		Fri, 17-05-2013, 20:00	



Value table: Click the graph to open the meteo graph.



Slider: Move the slider and the meteo graph information is mirrored in the value table for the respective hour.

**Note:** You can select a value table/ meteo graph with all available data by clicking on your required point when no other data is displayed in the UI.

**Res area information:**

**High Resolution coverage: WRF/NMM**

Region	Resolution (degrees)	Time step	Forecast hours
North Atlantic & Europe	0.01	1/3 /6	144
North America *	0.01	3/6	84
South America (BA Basin)	0.08	1/3/6	72
South Africa (part)	0.08	1/3/6	72
Australia SE and New Zealand	0.08	1/3/6	72
Australia East	0.08	1/3/6	72
Europe West	0.04	1/3/6	54
English Channel	0.01	1/3/6	48
East Central US **	0.04	1/3/6	36
West Central US **	0.04	1/3/6	36
Alaska **	0.04	1/3/6	36

**Global Coverage: GFS & WW111**

Global *	1.0	3/6	144 (6days)
Global *	0.5	3/6	144 (6days)

**Updates**

Theyr data: Twice per day.

NOAA data: Primary NOAA 00hr and 12hr update. 06hr and 18hr can be provided

\* Regions produced by NOAA

\*\* Regions produced by NCEP