

ACCREDITED SOLUTION

SAILOR 250/500 – UGRIP Weather Forecast



Document Name: SAILOR 250/500 – Ugrib Weather Forecast

Revision: A

Introduction: This document describes the Ugrib weather forecast software and service from the company GRIP.US used with SAILOR FleetBroadband internet connection.

Typical Users:

- ▶ Yachts
- ▶ Fishing vessels
- ▶ Merchant vessels
- ▶ Coast Guard
- ▶ Sailboats
- ▶ Oil rigs
- ▶ Patrol boats

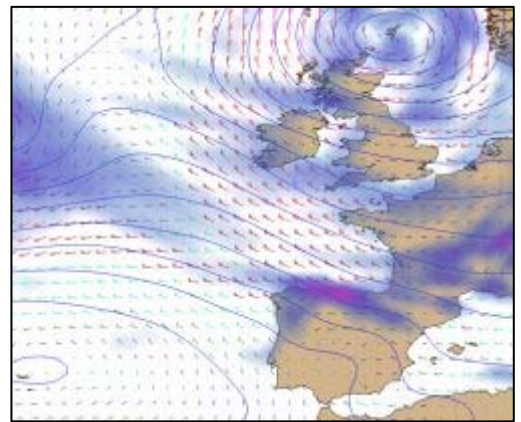
Product Description: The Ugrib weather forecast software from GRIP.US allows instant and fully customizable access to global weather data. Within one simple to use interface you can download a GRIB file and view the weather data right on the desktop.

What are GRIB files?

GRIB is the format used by the meteorological institutes of the world to transport and manipulate weather data and is the foundation of the forecasts we see around us in our daily life. In the past, accessing and viewing GRIB weather data has often required a tricky combination of technical knowledge and expensive software.

The Ugrib windows software will let you view the GRIB files you download, animate those, display meteograms and much more!

Ugrib weather forecast software allows direct access to GRIP.US's backend servers without the need to open a browser. Ideal for use either ashore or on a limited bandwidth connection e.g. onboard a yacht. Ugrib will let you choose your resolution, timestep, variables etc. And you can save these settings for future use.



GRIP.US contact details:

E-mail	mailto:contact@grib.us
Phone	N/A
Web	http://www.grib.us

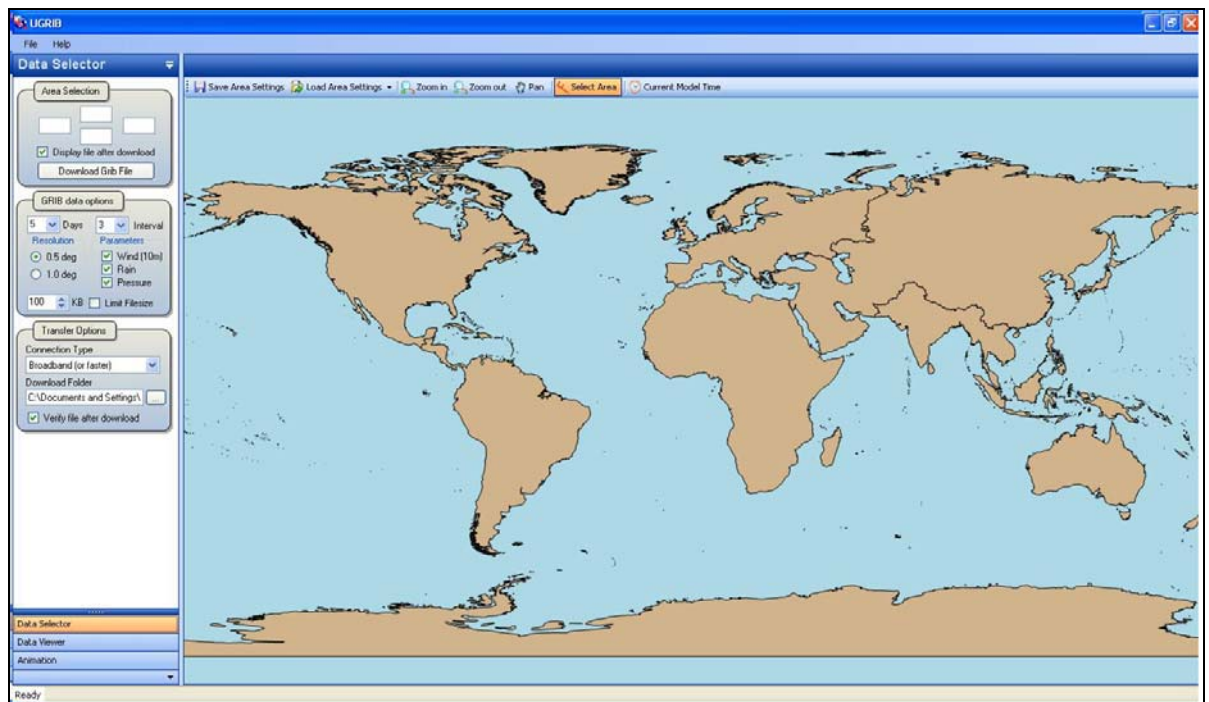
Thrane & Thrane contact details:

E-mail	mailto:solutions@thrane.com
Thrane & Thrane Distributors	http://www.thrane.com/Contact/Distributors.aspx

Tested on products:

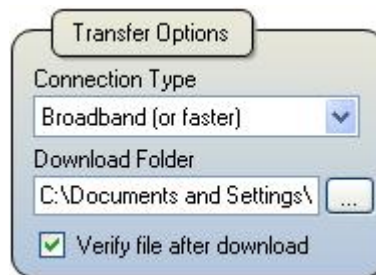
SAILOR 250/500	Software version: 1.03
Ugrib application	Software version: 0.2.4.0

Instructions: Go to the web site of GRIP.US (<http://www.grib.us>) and register for a free account in order to get the download button available. Download the free software and install it on a Windows PC. Connect the PC's Ethernet to an online SAILOR FleetBroadband that is configured with factory default settings. Start the Ugrib application and you will see a window similar to the one in picture 1 below.



Picture 1: Ugrib application window

Press the “Download Folder” button on the “Transfer Options” area in the left shown in picture 2 in order to select a folder to where the downloaded GRIB files will be saved.



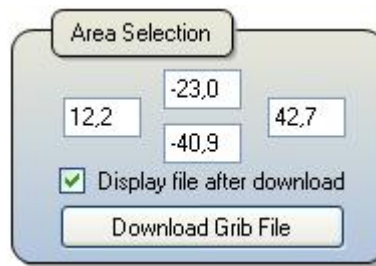
Picture 2: Transfer Options

Use the mouse to select an area of interest by holding the right-click button down and moving the mouse. Set the necessary GRIB data options such as days, interval, resolution etc. see picture 3 below. Also it is possible configure a limit of the file size in order not to limit the maximum airtime cost per GRIB file.



Picture 3: GRIB Data Options

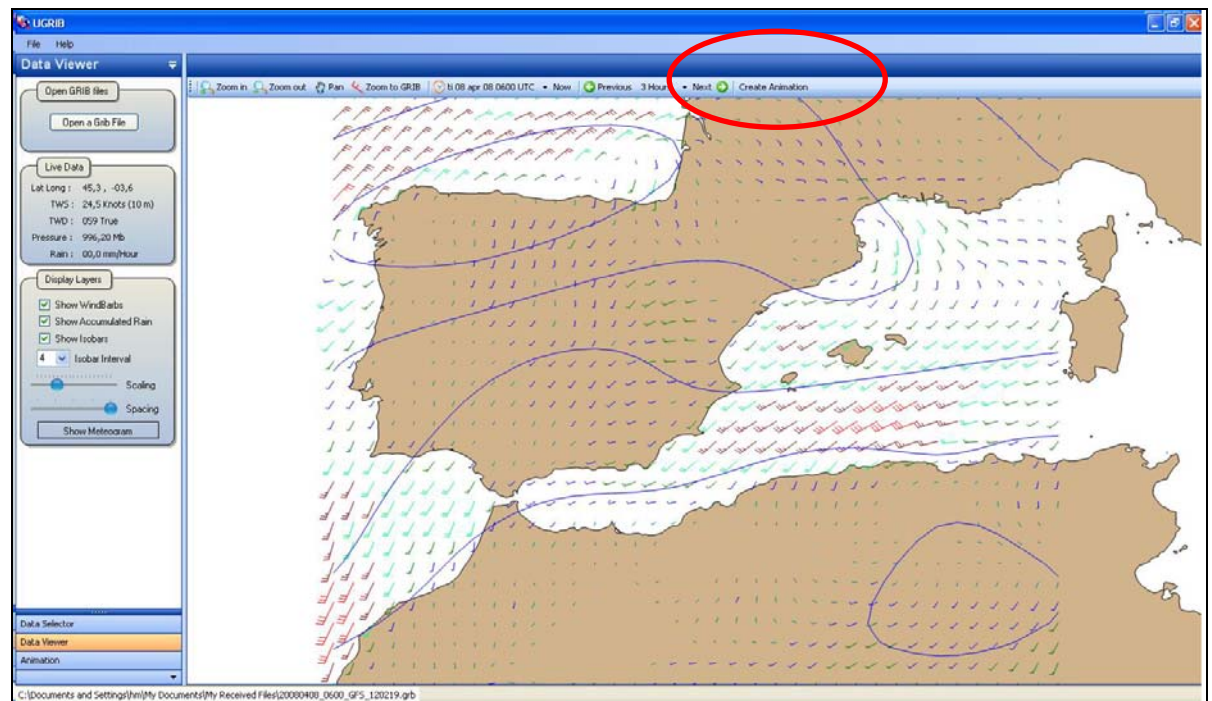
After selection of the GRIB data options press the “Download Grib File” button which can be found in the “Area Selection” area. See picture 4 below:



Picture 4: Area Selection

The Ugrib software will now connect to the weather data server and download a GRIB file with the selected area and parameters.

After the download completes it is possible to create an animation and play it to show how the weather develops in the region. Use the “Create Animation” button on the top of the window. See picture 5 below.



Picture 5: Weather animation

Note:

Keeping the Ugrip software running in the background does not generate internet traffic, it only generates internet traffic when a GRIP file is downloaded.

Tested:

The Ugrip Weather Forecast application was tested with a SAILOR FleetBroadband 500 terminal and showed download speeds up to about 400 kbps.

Information in this document is subject to change without notice and does not represent a commitment on the part of Thrane & Thrane A/S. © 2008 Thrane & Thrane A/S. All rights reserved. Printed in Denmark.