



GRIB Explorer

Weather Explorer Series

The Future of Weather Data is Here

Unleash the power of next generation GRIB weather data with OCENS easy-to-use GRIB viewer.

Automatically open and view GRIB data in full color.

Turn contouring on and off and customize it to suit your needs.

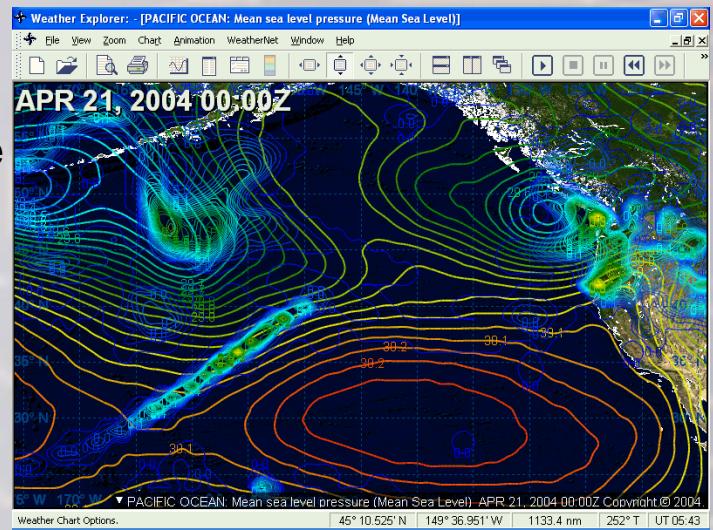
View cursor position latitude and longitude, and weather data with a convenient heads-up display.

Add graphs of weather variables with the touch of a button.

Animate GRIB weather forecasts for multiple products to gain an intuitive feel for how weather and ocean conditions are likely to change in the coming days.

Zoom to specific locations and view in high detail.

And because GRIB Explorer seamlessly integrates OCENS WeatherNet Weather-on-Demand data service, one mouse click accesses the over 20,000 GRIB files available within WeatherNet for quick, convenient download.



Why GRIB Data

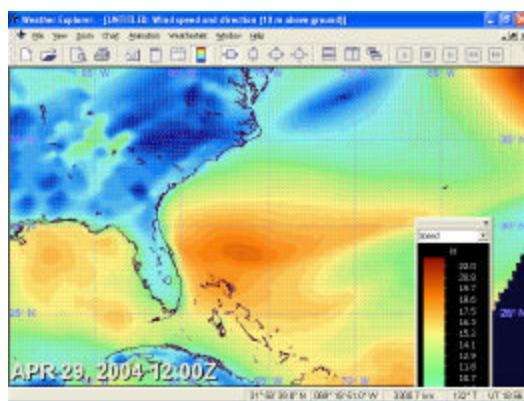
GRIB data are special because of their size, information content, and versatility of use.

Generated by weather and ocean models operating on national, regional and sometimes global scales, GRIB files associate an environmental variable with a geographic position. Because the resulting file consists of a collection of these points they are extremely small and thus readily transferred over bandwidth limited satcomms, cell phones and other wireless devices.

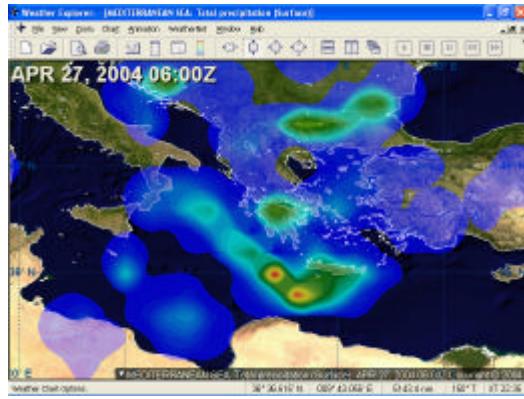
Information content of GRIB data is awe-inspiring. Almost every conceivable weather and ocean data variable is available in GRIB format. Surface pressure, wind, waves, swell, cloud cover, precipitation, sea temperature, currents, salinity, even sub-surface temperatures and mixed layer depths

are available in GRIB format. In many cases, spatial resolutions reach as low as to 0.1 degree lat/lon and are available on a global basis. Lastly, the weather variables are forecasted out to 120 hours and longer so it is possible to use the data to view weather anticipated several days in advance.

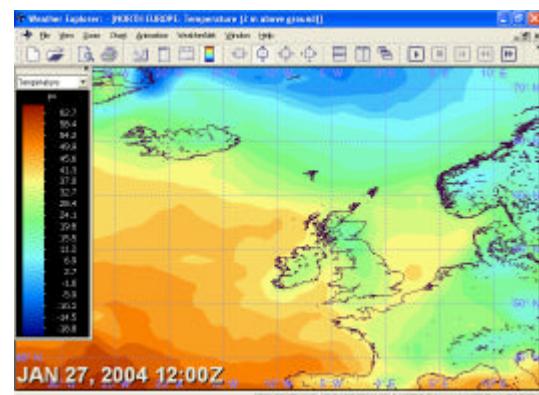
With a simple, easy-to-use graphical user interface, GRIB Explorer places the power of GRIB data at your fingertips. Double-click on the GRIB file you have downloaded and it will instantly display your data in a very dynamic graphical format. The display can easily be changed to show contours lines, color filled contours, arrows or wind barbs, and even data point values. All of this allows relevant weather or ocean features to become much more evident.



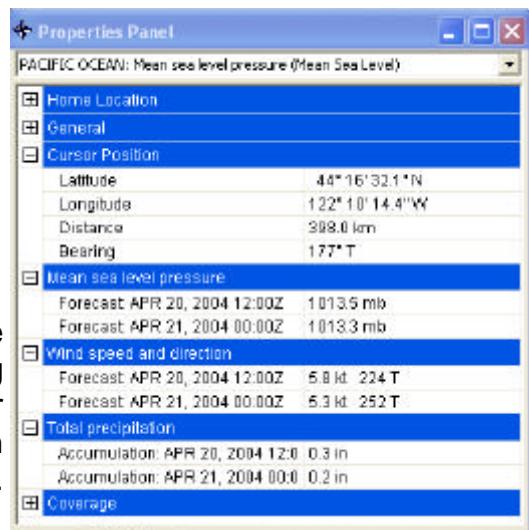
Surface winds for the West Atlantic.



Precipitation for the Mediterranean.



Temperature for East Atlantic Europe



The user can also display the Properties Panel showing position and related weather or ocean data at the cursor position any where on the screen.

GRIB Explorer works seamlessly with OCENS WeatherNet Wireless Weather-On-Demand Service for fast weather downloads



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