



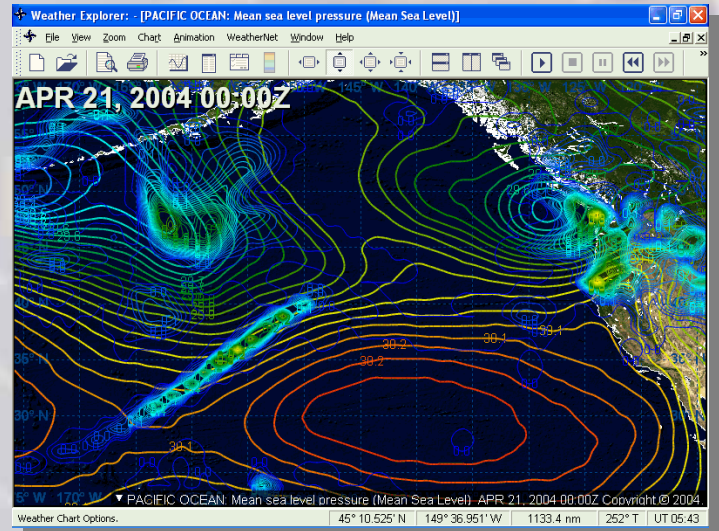
# GRIB Explorer

*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.
- ▼ Easily layer multiple weather parameters for enhanced analysis
- ▼ 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.



*GRIB data showing surface pressure and precipitation. For the East Pacific.*



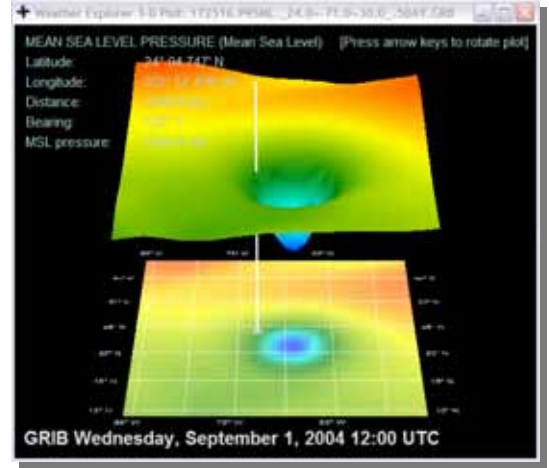
*GRIB data showing surface winds for West Atlantic.*

## Why GRIB Data

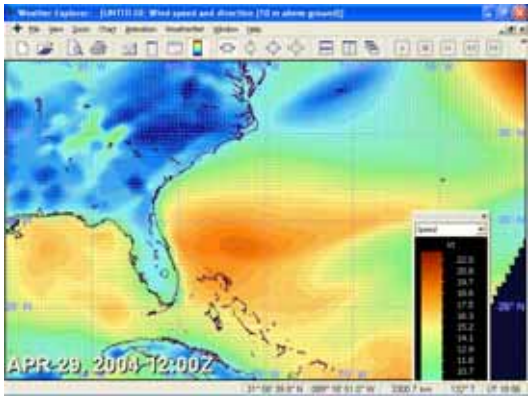
GRIB data are special because of their size, information content, and versatility of use.

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.

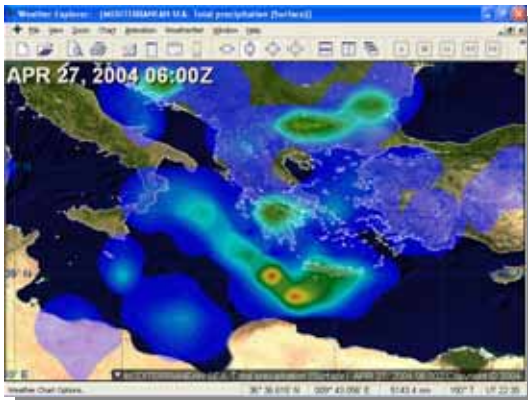
The information content of GRIB data is awe-inspiring. Almost every conceivable weather and ocean data variable is available in GRIB format. Surface pressure, wind, waves, swell, cloud cover, precipitation, sea temperature, currents, salinity, sub-surface temperatures and mixed layer depths are available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



3D view of surface pressure for hurricane Ivan—Sept 2004



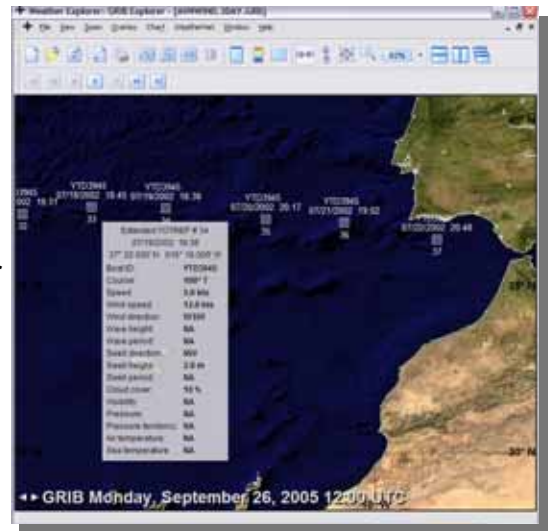
Surface winds for the West Atlantic.



Precipitation for the Mediterranean.

GRIB Explorer also takes full advantage of the hi-definition GRIB data that is available from WeatherNet. In many cases, spatial resolutions reach as low as 1/32 degree lat/lon for surface currents, temps, mixed layer depths and surface heights. 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.

GRIB Explorer includes a powerful yet easy to use vessel tracking tool for analyzing received vessel or fleet tracks. This allows you to reference vessel positions against weather data and your own position. Combine this feature with OCENS.Mail for effortless and cost-effective position reporting.



Vessel Tracking Display

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

GRIB Explorer support GPS input allowing your vessels position to be displayed on the screen.



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