

Marine products



Products

Common meteorological fields: temperature, wind speed and direction, visibility, precipitation, pressure for the entire globe.

Marine oriented products: wave height and direction (with spectral decomposition), ocean currents, tides, vortex tracking, frontal zones, plankton.

Science

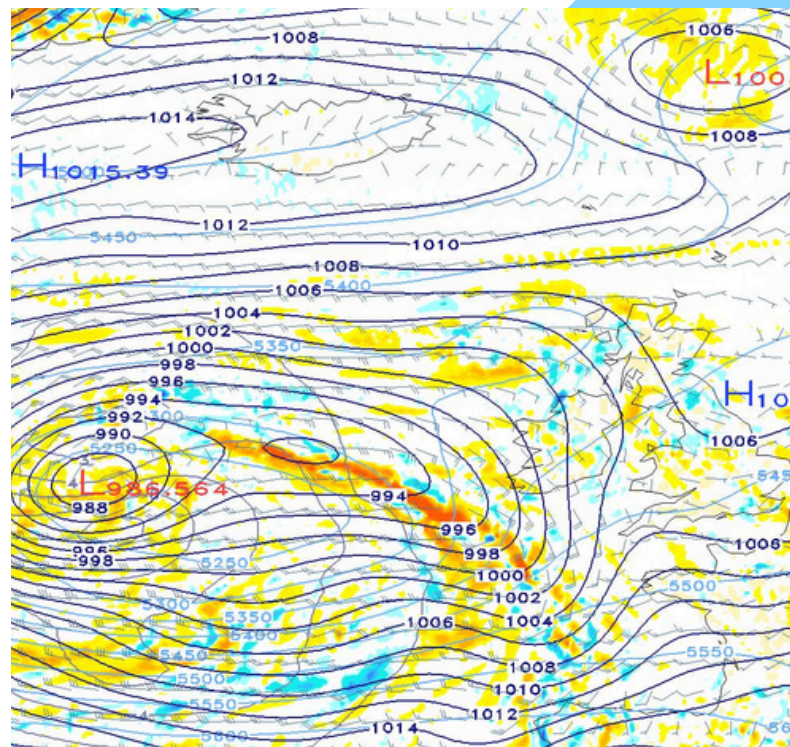
High resolution weather models, with ensemble initialization with various global models to reduce the model uncertainty. Wave and ocean model coupling. Innovative algorithm to better estimate swell waves and frontal zone areas.

Technical Details:

- Hourly timestep
- From 24 hours to 2 weeks
- All weather/wave/ocean parameters on a high resolution grid worldwide (0.25°)
- Evolution and characteristics of vortices
- Dedicated very high resolution simulations on particular areas
- Shallow water dedicated wave model

For shipping operators:

- Data available in multiple formats (grib, netcdf, hdf5, etc)
- Data visualization through a dedicated web portal
- Ship tracking and weather routing
- Detailed reports with weather warning on fixed or moving points
- Frontal zones warning and text analysis from a meteorologist



MOPI srl

 www.meteo.expert  info@meteo.expert
Via G.Frova 34, 20092 Cinisello Balsamo (MI) - Italy

IDEAM srl

 www.ideamweb.com  info@ideamweb.com
Via G.Frova 34, 20092 Cinisello Balsamo (MI) - Italy