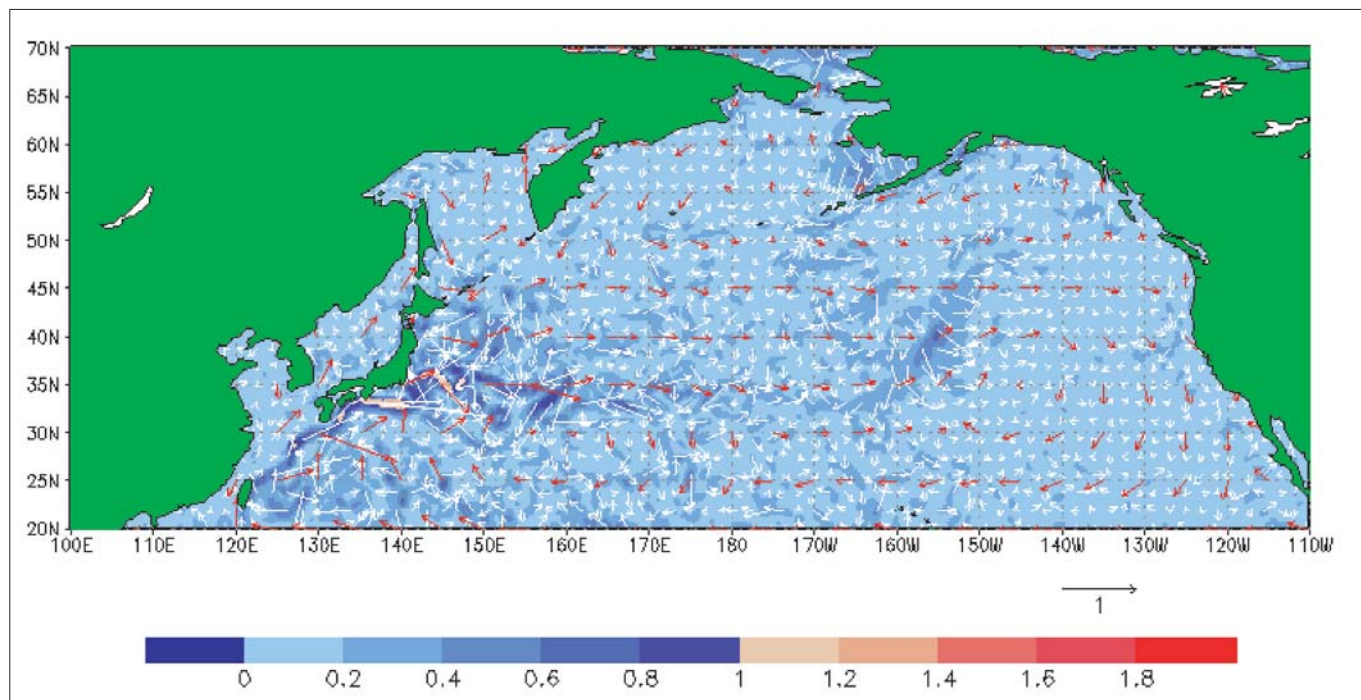


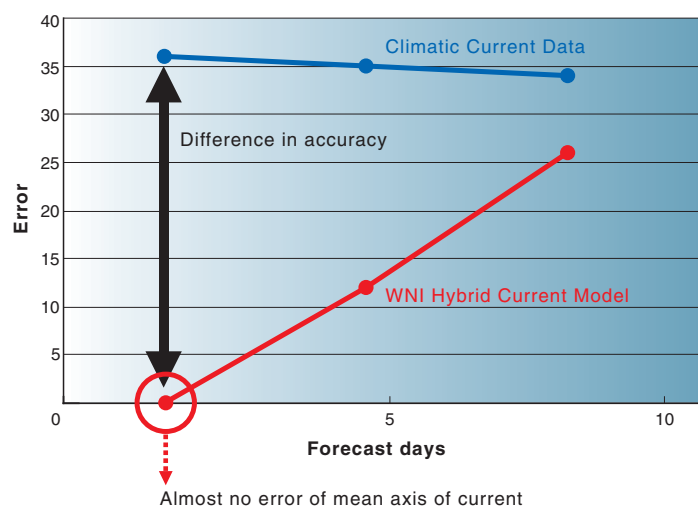
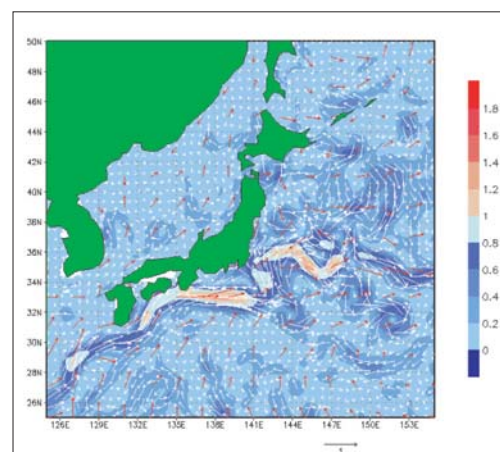
Ocean Current Modelling



Analysing Ocean Currents

Weathernews only uses the world's best quality data sources to build its Voyage Planning (VP) services. The future of Weathernews ocean modelling analysis will be achieved by:

- 1 Combining observations from a global network of buoys and ocean observation satellites to provide a real time analysis of the world's oceans.
- 2 Enhancing the analysis and comparing it to anticipated currents as well as comparing it to long term ocean current climate.
- 3 Implementing a high resolution model of $1/32^\circ$ by $1/32^\circ$
- 4 Providing global coverage which includes shallow seas.
- 5 Making forecast data available for all long distance voyages by validating current velocity and direction predictions.



Ocean Currents – A Global Priority

Weathernews uses two specialised current models, (NCOM) for shallow water and coastal interactions along with (NLOM) for open ocean and medium range forecasts. Weathernews then further processes this data to optimise it for all its VP services. Development of this process is ongoing to ensure better content and higher accuracy for the future. Customers can look forward to the highest level of quality from our ocean modelling systems.