SOC

by Jean Rolland



SPECIALIZED OCEANOGRAPHIC CENTRE

Operated by Meteo France teams and those involved in inter agency programme CORIOLIS

Daily collection and archiving of buoys reports

Quality Control procedures

http://www.meteo.shom.fr/qctools

Production of monthly products

http://esurfmar.meteo.fr/doc/o/daim



PRODUCTS

Time evolution of reports for wind and pressure

Time evolution of WAVEOB

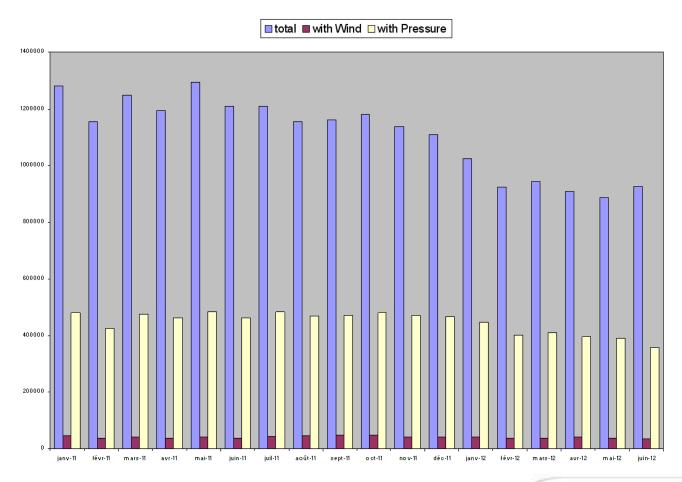
Mapping position plot charts (bathy, tesac, buoy...)

Distribution charts of mean monthly data availability



BUOY reports

Time evolution of BUOY reports for wind and pressure

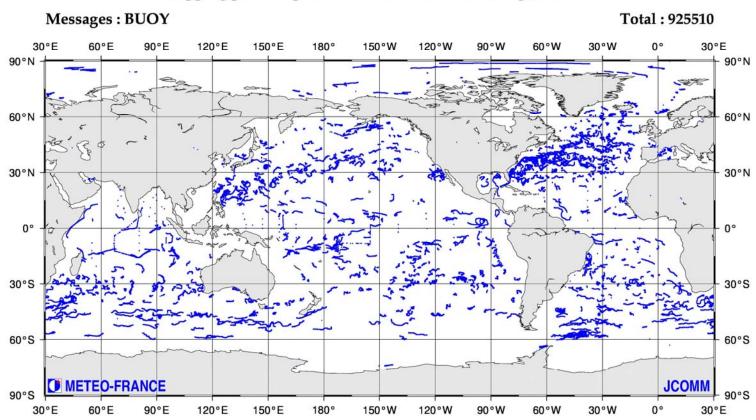




BUOY Map

Carte de pointage des observations recues en juin 2012

Mapping position plot chart of data received during June 2012





Monthly Products

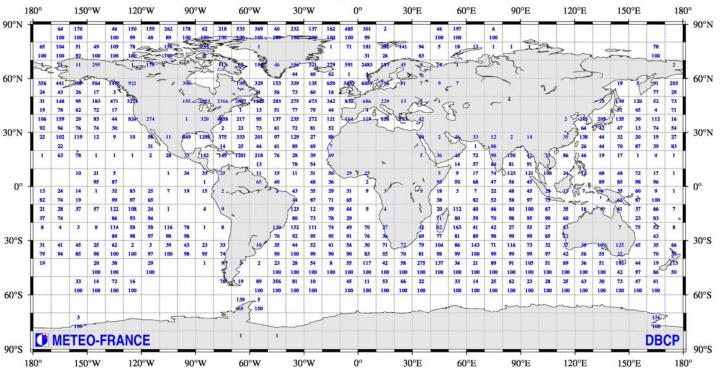
METEO-FRANCE

PRESSURE

JUNE 2012

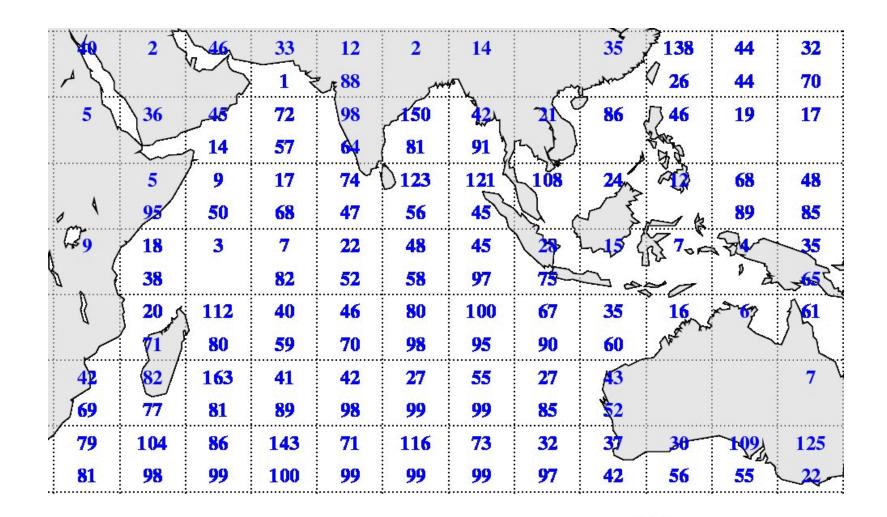
Marsden square distribution chart of mean monthly data availability index (top) (Index 100 = 8 obs. per day per 500kM * 500kM area of SHIP and BUOY reports) and

Percentage of BUOY reports compared to SHIP+BUOY reports (bottom)





Monthly Products





MCDS

First workshop Marine Climate Data System organized by WMO in 11/2012

The following recommendations were agreed:

Meteo-France should serve as DAC and GDAC for real-time drifting buoy data.

ISDM should serve as a GDAC for real-time and delayed mode drifting buoy data.

AOML should serve as GDAC for delayed mode drifting buoy data.

The list of GTS bulletins containing BUOY messages, received at Meteo-France and ISDM have been compared.



