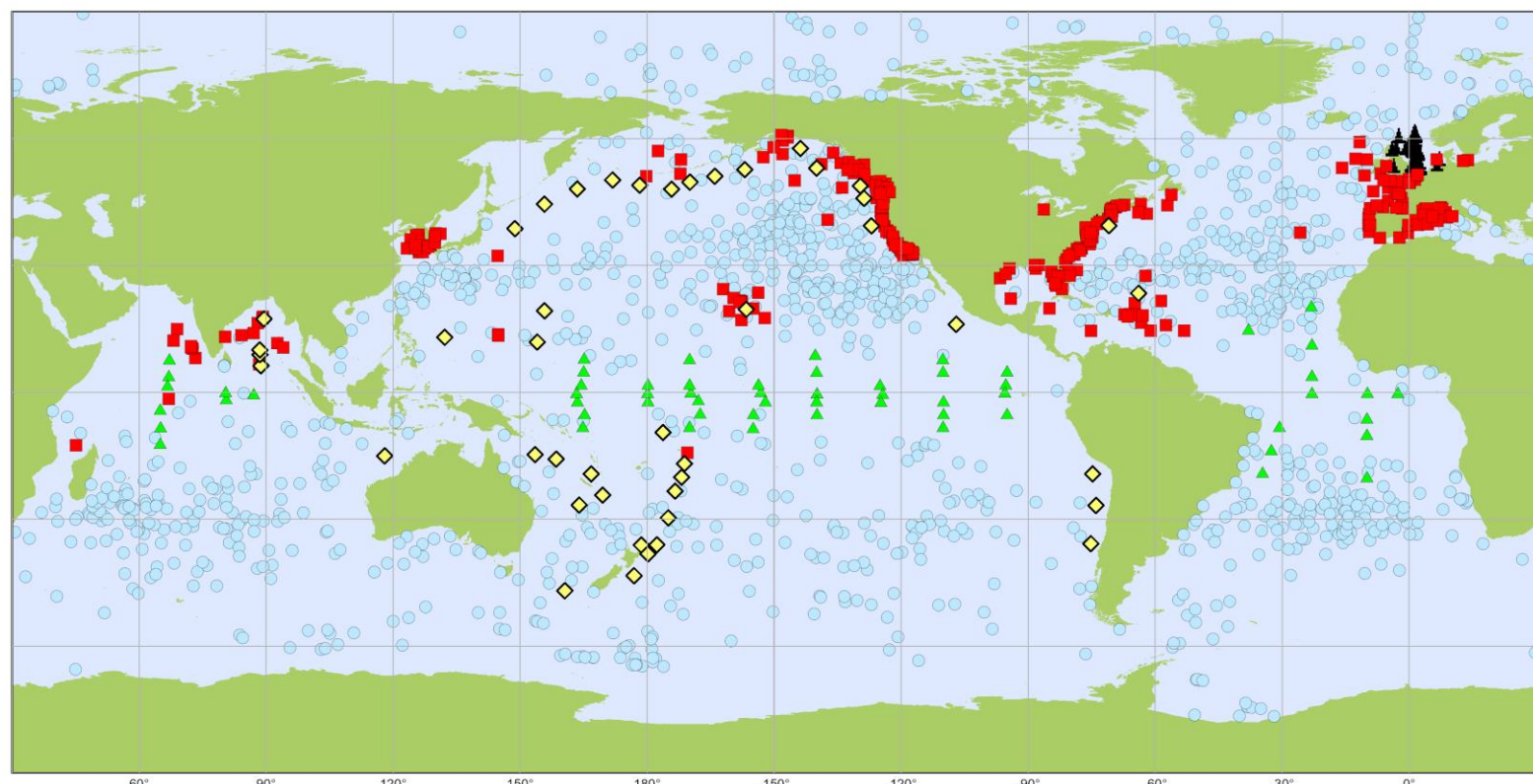


# Data Buoy Cooperation Panel

## - 40 years of Ocean Observation -

**Nelly Florida Riama** (nelly.florida@bmkg.go.id)<sup>1</sup>; **Lancelot Braasch**<sup>2</sup> (lbraasch@ucsd.edu)

<sup>1</sup>Deputy Head of Geophysics BMKG; Chair of DBCP | <sup>2</sup>Research & Development Engineer Lagrangian Drifter Laboratory; Vice chair of DBCP



Data Buoy Cooperation Panel Operational Platforms by Platform Type  
Platforms operational during the month. GTS data as received by Meteo France.

◆ Tsunameters (44) ▲ Fixed Platforms (69)  
■ Coastal/National MB (278) ● Drifting Buoys (1,279)  
▲ Tropical MB (60)



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Projection: Plate Carree (-150,0000)



Quality of data buoy Observations as shown by the **WMO Data Quality Monitoring System (WDQMS)**, variable surface pressure, 6-hour period, from the ECMWF and DWD Monitoring Center, at 4 March 2025

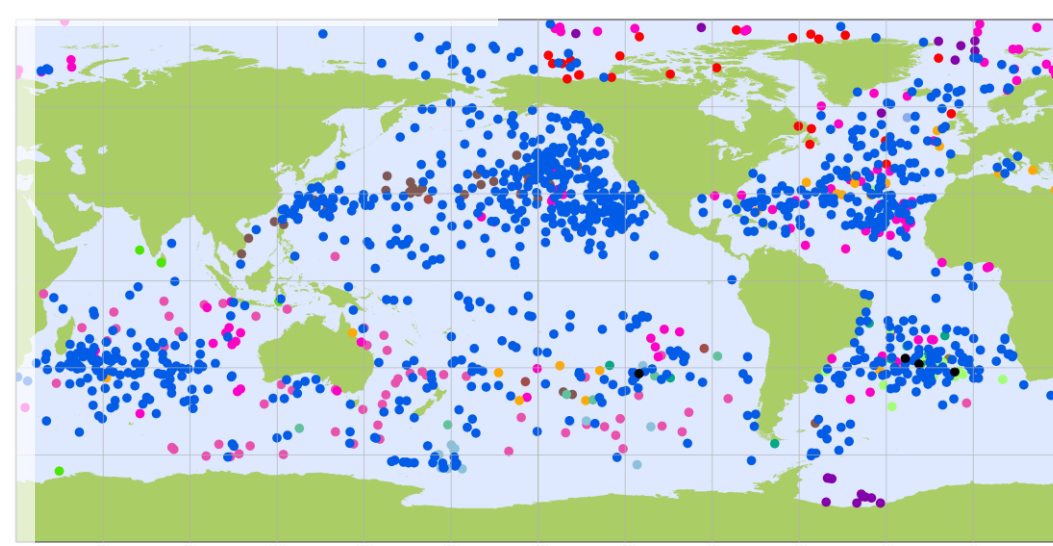
## Future plans and opportunities

### Increasing Buoy Density and Coverage:

- Fully populate the Atlantic Tropical Array with Sea Level Pressure (SLP) measurements by 2025.
- Upgrade PIRATA moorings with support from Météo-France, IRD, and PMEL.
- Expand the Mediterranean moored buoy network from 2 to 9, led by Météo-France.
- Advance new RAMA deployments.

### Buoy Data Dissemination and Accessibility:

- Continue synchronizing data between Coriolis and OceanOps databases.
- Expand WIS 2.0 nodes for ocean data.
- Integrate buoy data into WIGOS tools, including WDQMS and OSCAR/Surface metadata synchronization.
- Pilot project to improve metadata.

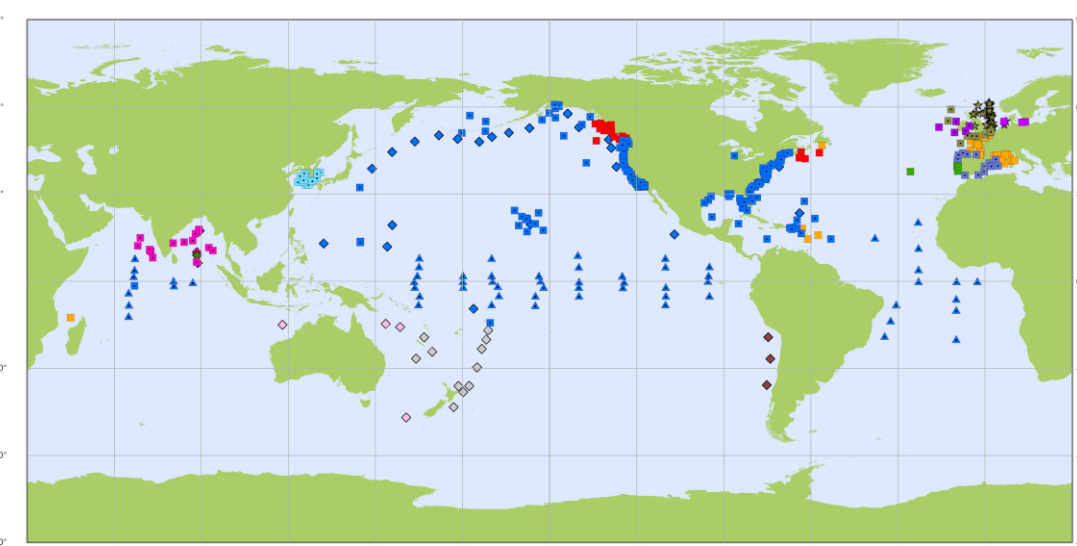


Data Buoy Cooperation Panel Drifting Buoys - Country of Deployment  
Drifting Buoys operational during the month with their country of deployment. GTS data as received by Meteo France.



● Australia ● France ● Japan ● South Africa  
● Brazil ● Germany ● Korea (Republic Of) ● United Kingdom  
● Canada ● India ● Netherlands ● United States  
● European Union ● Italy ● New Zealand ● Unknown

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Data Buoy Cooperation Panel Moored buoys and other fixed platforms  
Platforms operational during the month. GTS data as received by Meteo France.

● CHL (1) ● CHL (1) ● CHL (1) ● CHL (1)  
● CAN (1) ● CAN (1) ● CAN (1) ● CAN (1)  
● FRA (1) ● FRA (1) ● FRA (1) ● FRA (1)  
● GER (1) ● GER (1) ● GER (1) ● GER (1)  
● IND (1) ● IND (1) ● IND (1) ● IND (1)  
● JPN (1) ● JPN (1) ● JPN (1) ● JPN (1)  
● KOR (1) ● KOR (1) ● KOR (1) ● KOR (1)  
● NED (1) ● NED (1) ● NED (1) ● NED (1)  
● NZL (1) ● NZL (1) ● NZL (1) ● NZL (1)  
● USA (1) ● USA (1) ● USA (1) ● USA (1)

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Projection: Plate Carree (-150,0000)

### Environmental stewardship:

- Operational testing of wooden buoy and bio-degradable material

### Capacity Development:

- DBCP Capacity Development Workshop in July 2025, focusing on operational ocean observation support in the Indian Ocean.
- Wave Measurement Workshop to explore advancements in ocean wave measurement technologies.

### Resuming the DBCP Newsletter publication

### DBCP Website refreshment

## Challenges and Concerns

- **Vandalism**, not only damages valuable buoy equipment but also disrupts the collection of critical ocean data.
- **Lack of observational coverage in the Southern Ocean**: south of 60°S.
- **Limited availability of ship time** for deploying and maintaining buoy networks

