



Report on Regional RTDB from Japan Meteorological Agency

<https://www.data.jma.go.jp/goos/data/database.html>

NEAR-GOOS-CC-XXII, 10 March 2025

Activities in JMA after Apr. 2024

- System (server containing the RRTDB) was updated in Feb. 2025.
 - ✓ URL was not changed.
 - ✓ Access Status could not be updated in new system until now.
- Current status of RRTDB
 - ✓ JMA Products, In-situ Data and Cross-Section (NEAR-GOOS Cross-Basin Climate Monitoring Section) are provided in RRTDB.
 - ✓ After the online meeting on Oct. 2023, JMA Products, In-situ Data and Cross-Section have not changed.



JMA Products (1)

- Sea Surface Temperatures (MGDSST)
 - Daily Sea Surface Temperatures in the Global Ocean
- Sea Surface Temperatures (HIMSST)
 - Daily Sea Surface Temperatures in the Western North Pacific
 - 10-day Mean Sea Surface Temperatures in the Western North Pacific
- Sea Surface Temperatures (COBE-SST2)
 - Monthly Mean Sea Surface Temperatures in the Global Ocean
- Subsurface Temperatures and Surface Currents (NPR-4DVAR)
 - Daily Subsurface Temperatures in the Seas Adjacent to Japan
 - 10-day Mean Subsurface Temperatures in the Seas Adjacent to Japan
 - Monthly Mean Subsurface Temperatures in the Seas Adjacent to Japan
 - Daily Surface Currents in the Seas Adjacent to Japan
 - 10-day Mean Surface Currents in the Seas Adjacent to Japan
- Subsurface Temperatures and Surface Currents (MOVE/MRI.COM)
 - Update was stopped in March 2022.
 - Daily Subsurface Temperatures in the Seas Adjacent to Japan
 - 10-day Mean Subsurface Temperatures in the Seas Adjacent to Japan
 - Monthly Mean Subsurface Temperatures in the Seas Adjacent to Japan
 - Daily Surface Currents in the Seas Adjacent to Japan
 - 10-day Mean Surface Currents in the Seas Adjacent to Japan

JMA Products (2)

- Sea Surface Height Anomalies (Objective Analysis)
 - Update was stopped in 2021.
 - Monthly Mean Sea Surface Height Anomalies in the Pacific
- Sea Ice
 - Sea Ice Condition Chart (The sea ice conditions are available from December to May)
 - Sea Ice Concentration

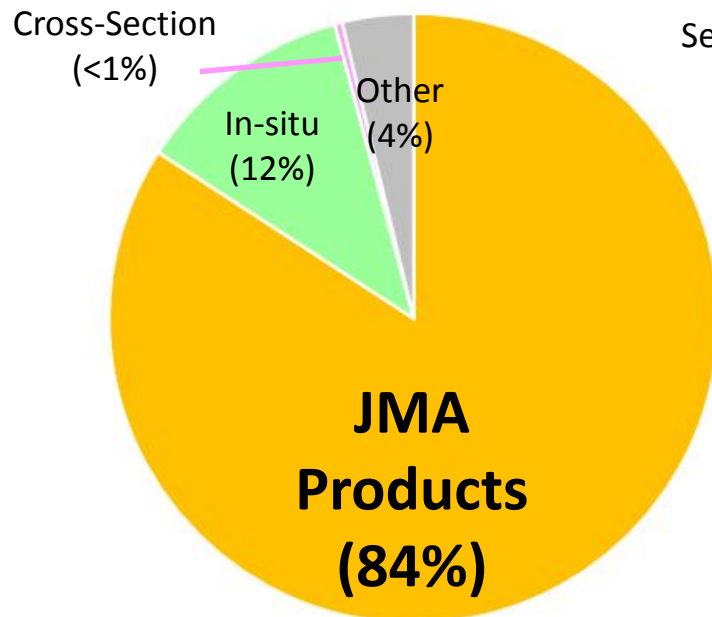
In-situ Data

- GTS Reports
 - SHIP
 - BUOY
 - TRACKOF
 - BATHY
 - TESAC
- Decoded Data
 - Temperature and Salinity
 - Wind
- GTSP
 - GTSP Quality Controlled Subsurface Temperature and Salinity Data Provided by the Integrated Science Data Management (ISDM, Canada)
- Observations by JMA Research Vessels
 - JMA Research Vessels and Buoys (JMA Webpage)
 - JMA R/Vs Cruise Plan

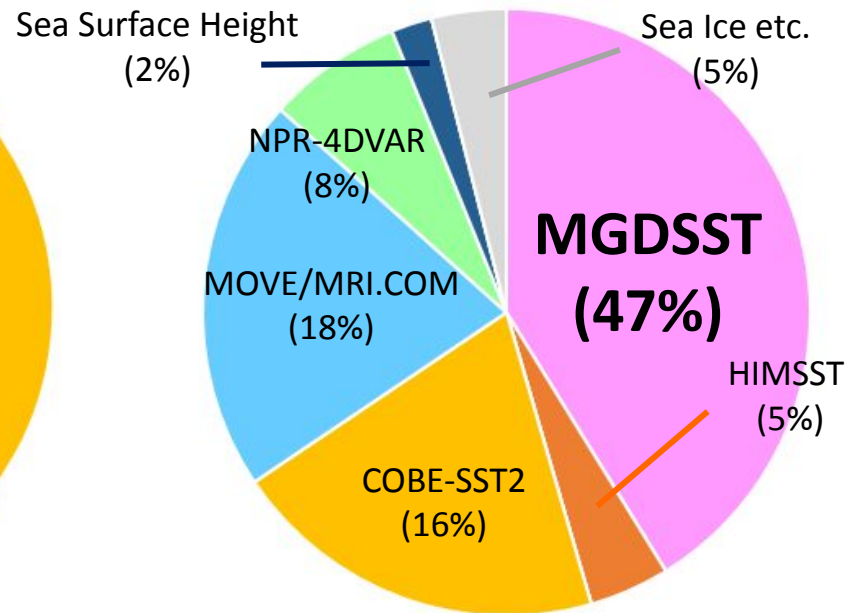
Access Status (2023.3-2024.2)

- Totally about 94,000 accesses to data and products in NEAR-GOOS RRTDB have been made in this period.
- By type, JMA Products account for 84% of the total. 47% of accesses to JMA Products are MGDSST.

Access by Type



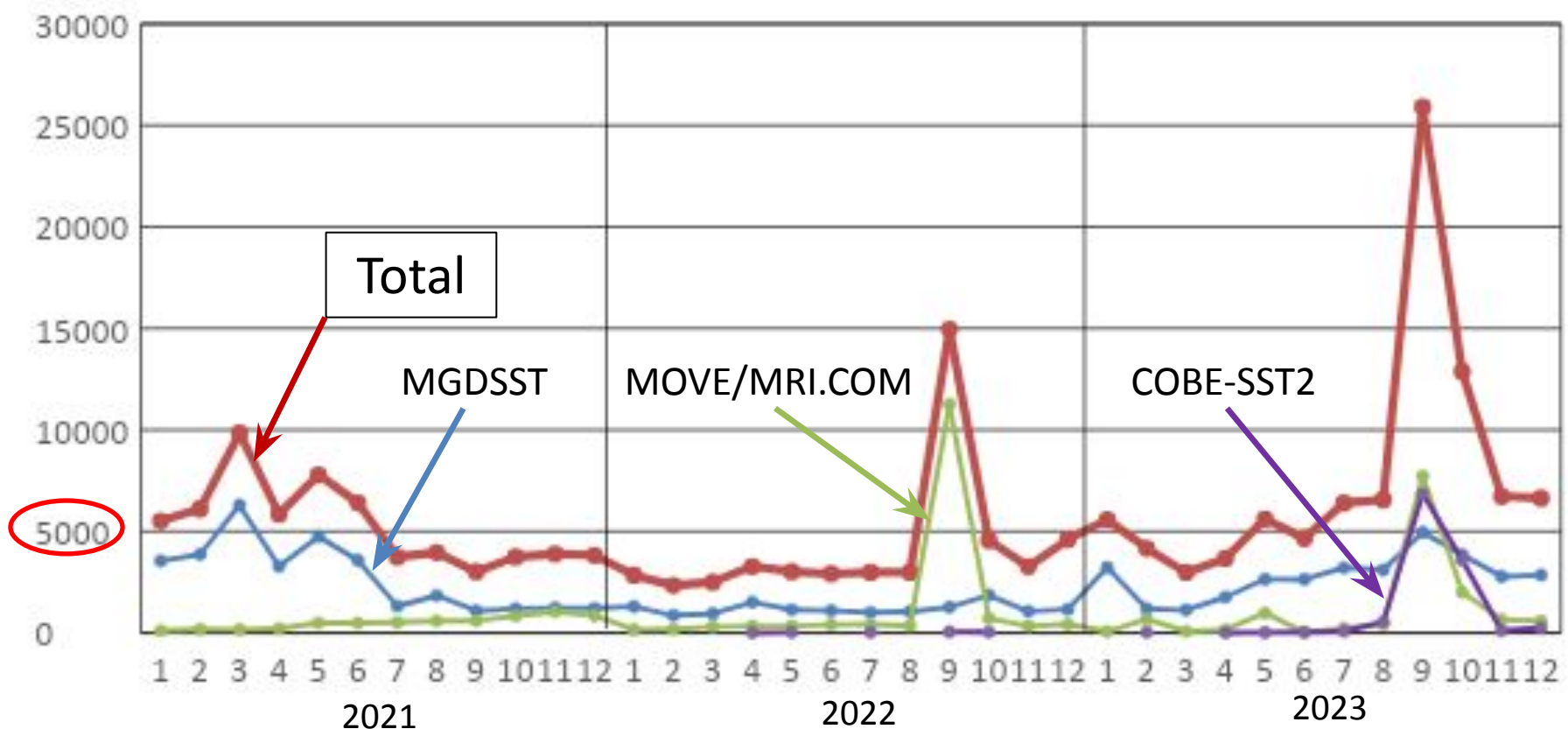
Access of JMA Products by Contents



It will be updated by next meeting.

Time Series of Access Count (2021-2023)

- For the three years from 2021 to 2023, there was an average of about 5,000 accesses per month.
- I don't know why, but the number of accesses was significantly higher in September 2022 and 2023.



THANK YOU FOR YOUR ATTENTION!

