

# Addition of quick measurement data from each agency to the website “Overarching Radiation-monitoring data Browsing System (ORBS)”

< Reference document >  
September 19, 2023  
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Fukushima Daiichi Decontamination &  
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- In accordance with the government’s Comprehensive Monitoring Plan, Fukushima Prefecture, the Nuclear Regulation Authority, the Ministry of the Environment and TEPCO have strengthened sea area monitoring since April 2022 by increasing the number of measurement locations and the frequency of measurements.
- In September 2022, TEPCO created content on its “Treated Water Portal Site” that allows monitoring data from TEPCO, such as the locations from which samples were taken and trends based on monitoring results to date, etc., to be viewed at a glance. However, some stakeholders commented that they would like to see all of the monitoring data from different agencies compiled into one place, and that they would like to see the chronological changes in this data.
- The “Overarching Radiation-monitoring data Browsing System” around Japan is a website that gathers sea area monitoring measurements taken from various locations that have been disclosed by TEPCO as well as related ministries/agencies and local governments, etc., and displays them on a map format for easy viewing thereby providing objective and comprehensive data on sea conditions. This website has been launched on March 13, 2023.

Website name: Overarching Radiation-monitoring data Browsing System in the coastal ocean of Japan (ORBS)

- At its launch, monitoring data on the concentrations of cesium and tritium in seawater sampled by Fukushima Prefecture, the Nuclear Regulation Authority, the Ministry of the Environment, and TEPCO are available for viewing, and thereafter more data will be added so that visitors to the website can access information on other nuclides in the sea, as well as the monitoring results from fish and seaweed.
- Analysis results for cesium and tritium in fish have been disclosed since August 21, 2023. <As announced by August 22>

- Today (September 19), a special page for quick measurement results disclosed by each agency was added to the website “Overarching Radiation-monitoring data Browsing System (ORBS)”.
- The aforementioned quick measurement data page allows you to see all of the quick measurement results for analyses conducted by the Ministry of the Environment, Fisheries Agency, Fukushima Prefecture, and TEPCO since August 24, 2023 in a map format.

In addition to quick measurement data, the data shown to the right can also be seen on ORBS

Sample data: Seawater, fish, seaweed, seabed soil

Nuclide data: Cesium, Tritium, Strontium, Plutonium, Iodine

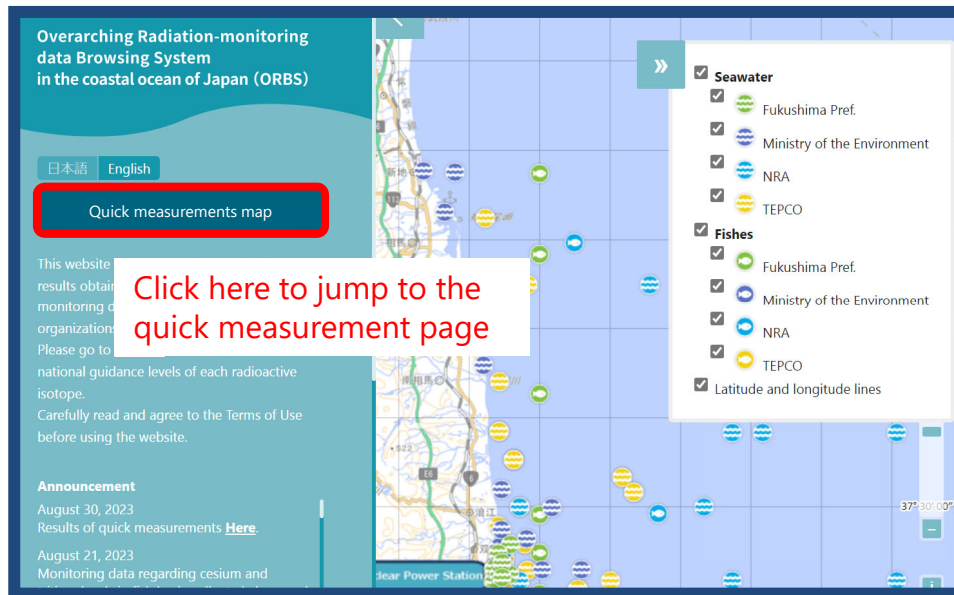
Data period: April 2021~present, Data prior to this period.

※Data in Grey will be added in the future

# Quick measurement data page summary ①

- A page that shows you in a map format the quick measurement results for sea area monitoring disclosed by the Ministry of the Environment, Fisheries Agency, Fukushima Prefecture, and TEPCO has been added to the website "Overarching Radiation-monitoring data Browsing System (ORBS)."
- There is an English version of the page as well as a version for smart phones.

## English version top page



## Smart phone version top page



URL : [https://www.monitororbs.jp/index\\_en.html](https://www.monitororbs.jp/index_en.html)



# Quick measurement data page summary ②

## 【 Data Window 】

- Data windows will appear when the mouse is brought over a location icon.  
Shown data: sampling location, tritium radiation concentrations, sampling agency name, etc.

**Sampling location:** Harbor entrance, northeast side (1km offshore to the north site) (T-0-1A)

Sampling position: 37°25'50"N/141°02'48"E  
Sample: Seawater

Unit : Bq/L

	H-3
Date of sampling	2023/09/18
Surface layer	ND(7.3)

Sampling institution: TEPCO  
Reference: 福島第一原子力発電所周辺の放射性物質の分析結果  
Measuring methods, detection limits (ND), etc. depend on a purpose of measurement, so check the reports to the data source.

Put the mouse pointer over a location icon

Click

## 【 Chronological Graph 】

- The graph will appear when the location icon is clicked  
Shown data: A graph showing the changes in tritium radiation concentrations since August 24, 2023.
- The CSV data for the chronological graph can be downloaded.
- The graph can also be changed to linear scale format and logarithmic scale format.

**Sampling location:** Harbor entrance, northeast side (1km offshore to the north site) (T-0-1A)

Sampling position: 37°25'50"N/141°02'48"E  
Sample: Seawater

Unit: Bq/L

	H-3
Date of sampling	2023/09/18
Surface layer	ND(7.3)

Period: The last 1 month | Scale:  Log  Linear

Radionuclide: H-3 | Depth: Surface layer

CSV data can be downloaded

The graph scale can be changed to linear scale format and logarithmic scale format.

Sampling institution: TEPCO  
Reference: 福島第一原子力発電所周辺の放射性物質の分析結果  
Measuring methods, detection limits (ND), etc. depend on a purpose of measurement, so check the reports to the data source.