

How to Access and Analyze Float Data



GO-BGC

Global Ocean Biogeochemistry Array



How to Access Data

Once you have adopted a float, you can easily access the float data to locate real-time raw and quality-controlled float data, create graphs, or download more information and tutorials, visit our [Data Visualization page](#)

Overview

Adopt-a-Float

Lesson Plans

Workshops

Makerspace

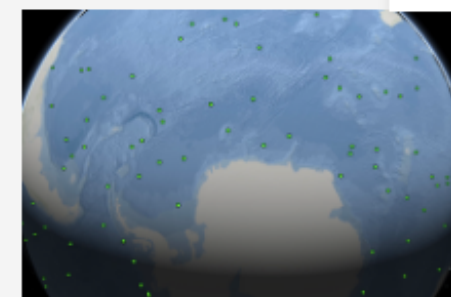
MATE

Expedition Logs



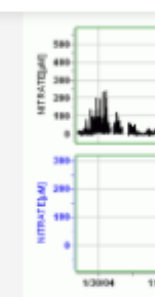
Interactive Float Map

This interactive map shows current locations and trajectories of SOCCOM biogeochemical floats and



3D Float Visualization

Use your mouse to find your float in this interactive 3D visualization, or use the latitude/longitude of the



Explore Data

Use Adopt-a-Float to create a digital data log for your float.

<https://www.go-bgc.org/outreach/adopt-a-float>

- On the GO-BGC website, navigate to the "Outreach" tab
- Choose "Adopt-a-Float"
- Scroll down until you see "How to Access Data"



Adopted Floats Table

GO-BGC Global Ocean Biogeochemistry Array												
Adopted floats are those that have been adopted by a school or organization. They are listed in the table below. They are listed in the table below. They are listed in the table below.												
If you are not yet a float, you can adopt one. To do so, click on the "Adopt Float" link in the table below. This will take you to the adoption page. You can also click on the "Adopt Float" link in the table below. This will take you to the adoption page.												
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Float Name	Year	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
Florida State University	2015	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m
University of California	2016	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1000m

Using this table, you will be able to find pre-made graphs showing the data your float has collected.



Clicking on the WMO number for your float will bring you to your data page.



What is a WMO number?

This is the number of your float, which you will be using to find your float data and location on a map.

It can be found on the "Adopted Floats Table" with your school's name.

Example:

School Name – Visitation School

Float name – Vanadium Iodine Sulfur

Float WMO # – 5906440

Euro-Argo Fleet Monitoring

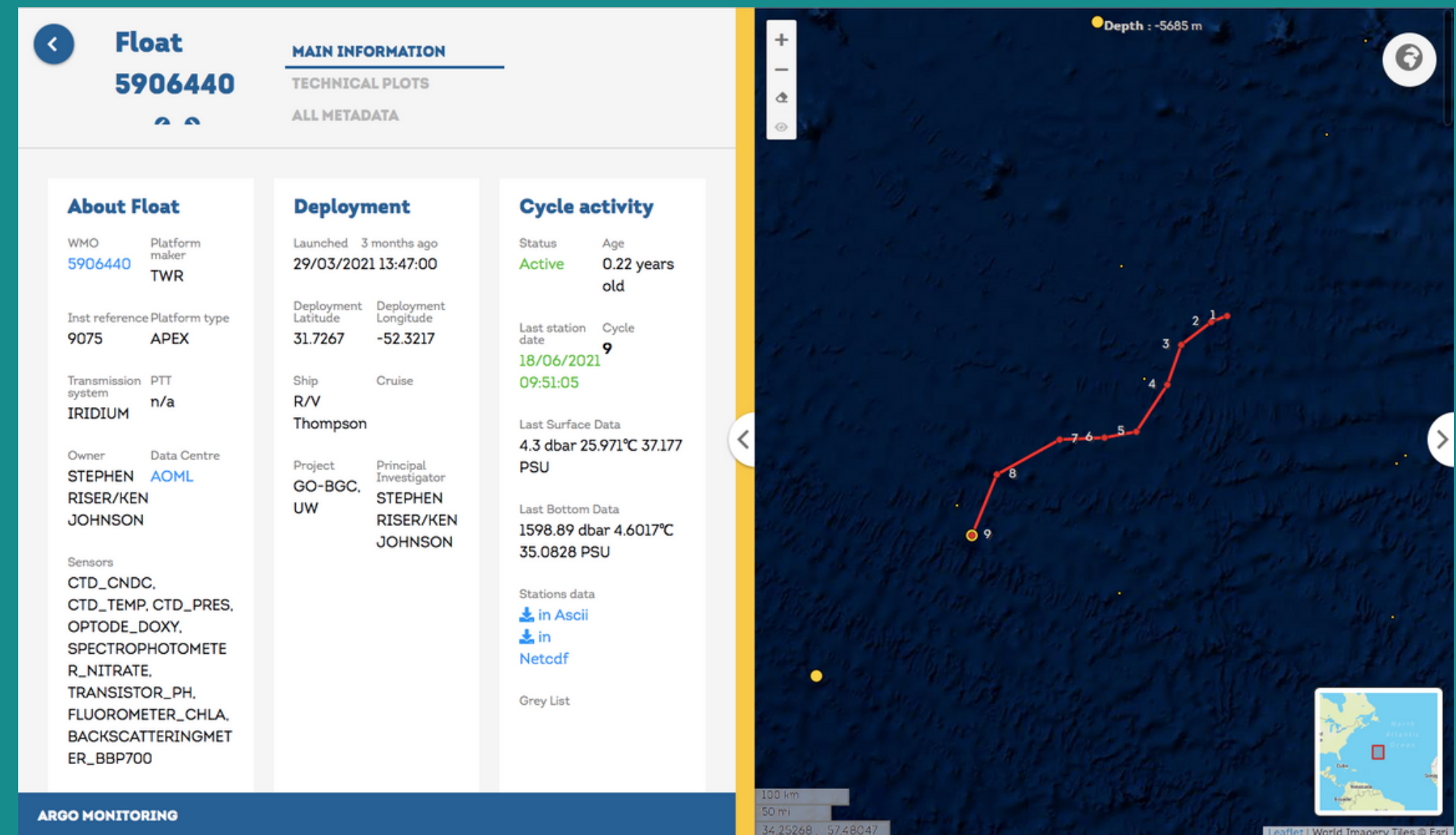


<https://fleetmonitoring.euro-argo.eu/dashboard>

On the left hand side, the "dashboard", choose the following criteria:

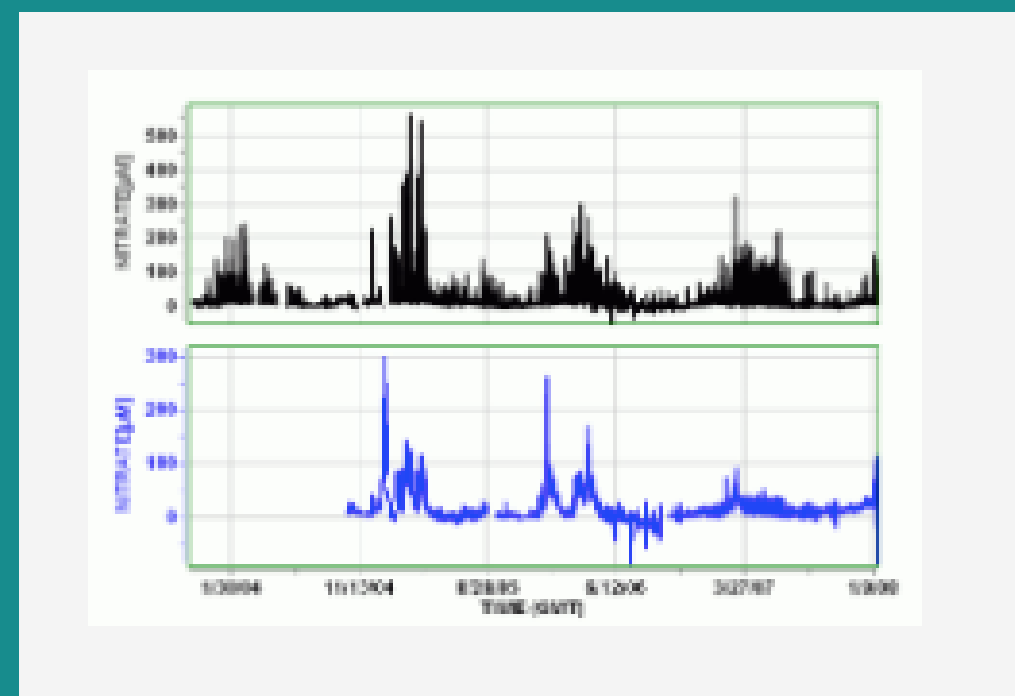
- Status – **Active**
- Year of deployment – **2021**
- Country – **United States**
- Network – **BGC**

Choose your float's WMO number
#5906440





Explore Float Data



SELECT SCHOOL/FLOAT NAME

Scroll through the school option and click on your school

SELECT X-VARIABLE

Choose one of the x-variable options (you can change this later)

SELECT Y-VARIABLE

After choosing an x-variable, choose what you want to compare it with using the y-variable

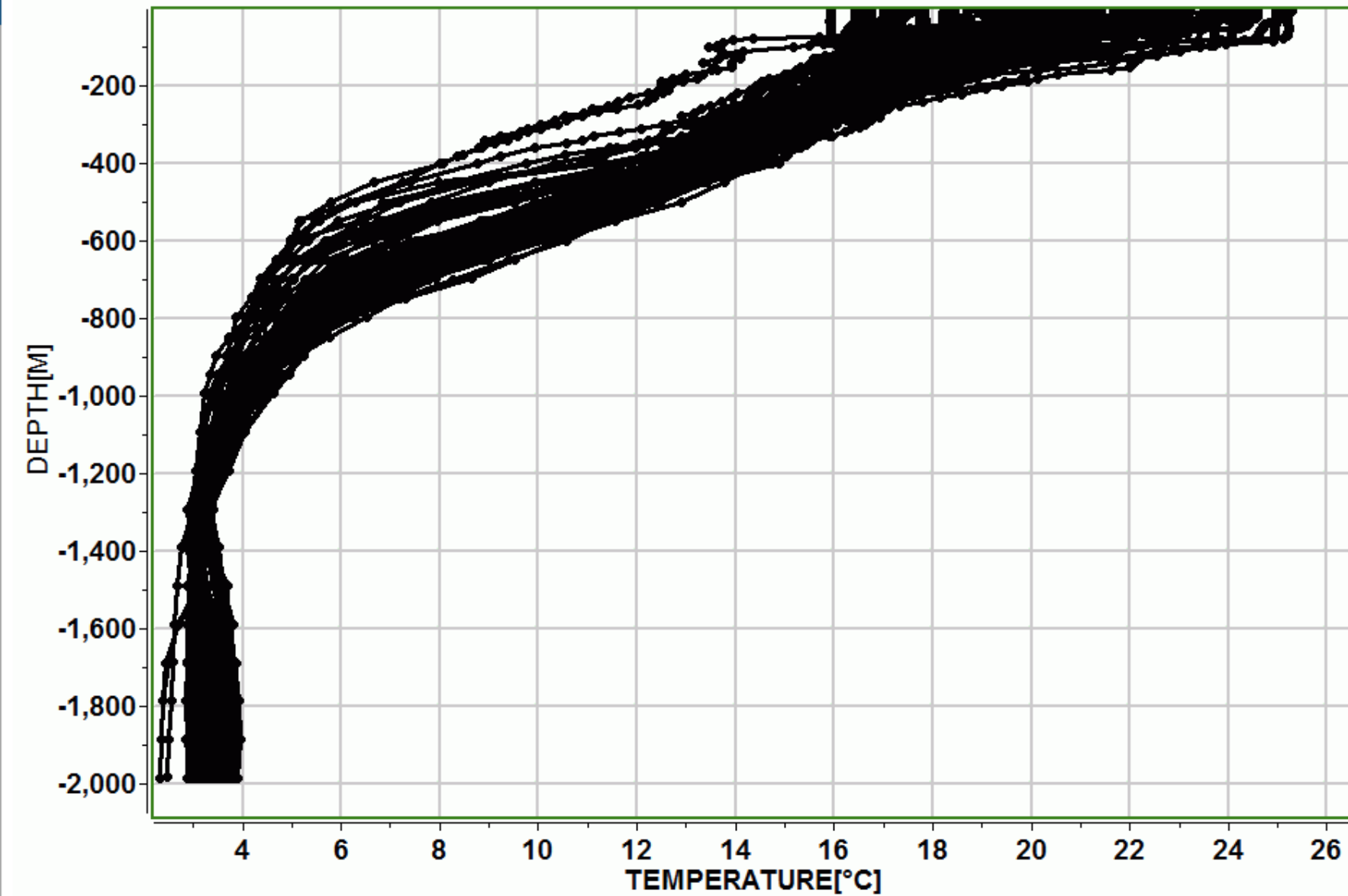
ON THE FAR LEFT, PRESS "SEND"



Example:

X-variable: temperature
Y-variable: depth

FloatVIZ Plot Page Station(s) 5905982.TXT; Y Var(s). DEPTH[M]



Questions?
email: info@ggo-bggc.org

