

webODV Data Extractor HowTo

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This document describes briefly the basic functionality of the webODV Data Extract Service.

General

The state of the extract session filters is saved in your browser, i.e. it will be restored in a follow up session in the same browser as long as you do not delete your browser's cache.

To extract data you have to follow the four steps indicated on the top pager bar. The pages do not have to be visited by order, rather you can jump between them. Click with the left mouse button or use the keyboards arrow keys for navigation.

1. Select region

THE MAP

Click with the left mouse button into the map to select single stations. The corresponding cruise is highlighted as well. Metadata of that station can be accessed by clicking on the



SHOW METADATA

button.

SELECTION STATUS

The left blue text informs about the number of selected stations and output variables. Note that at least one station and one data variable has to be selected to start the download in step 4.

Stations: 6104 of 6189 **Variables: 11 of 11**

PROJECTIONS

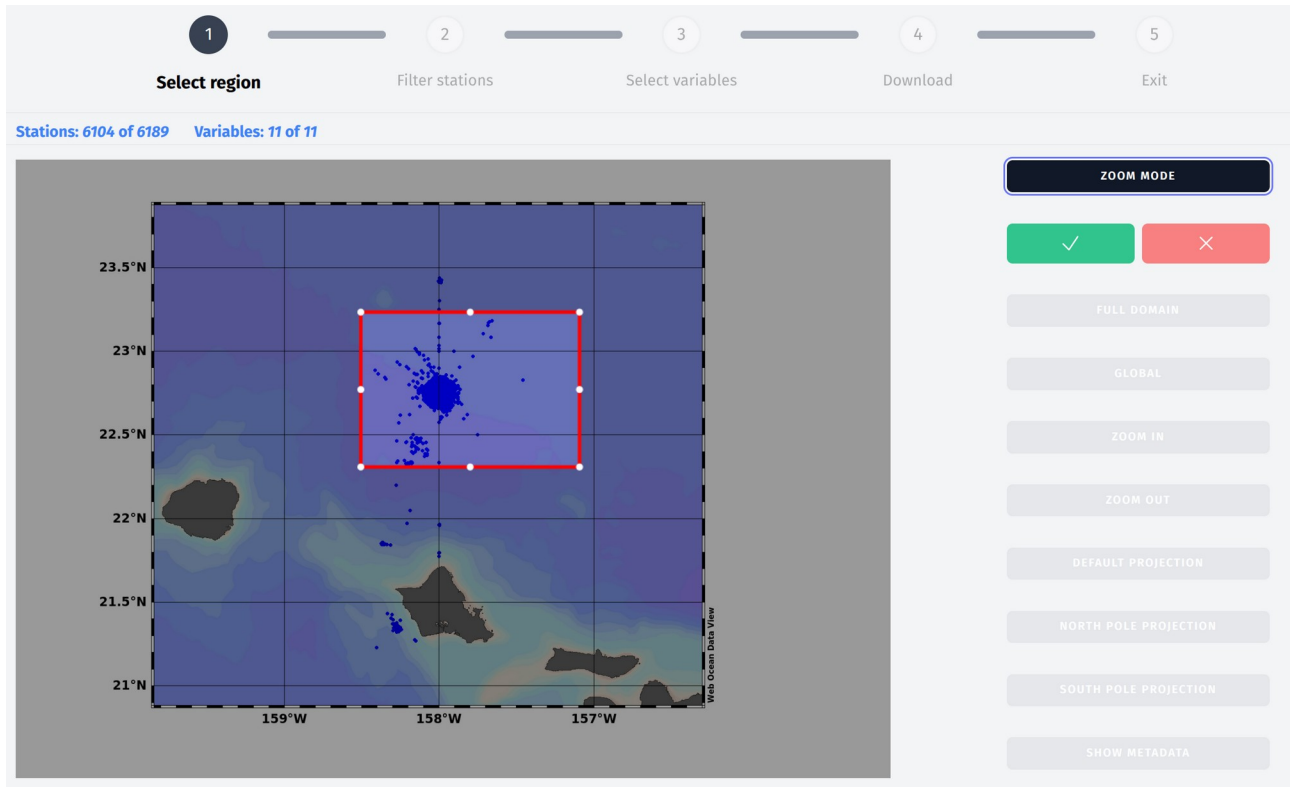
Switch between different map projections.

ZOOM IN / ZOOM OUT

Zoom in and out incrementally.

ZOOM MODE

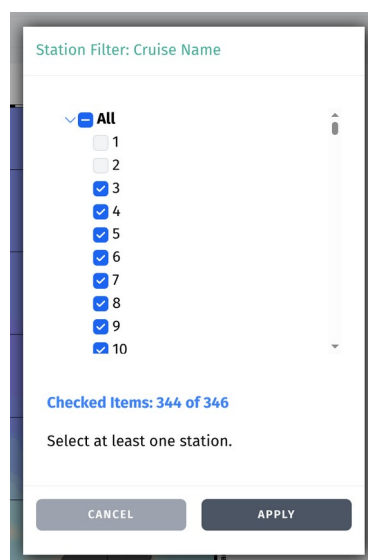
Enter “zoom mode” and drag the corners and edges of the red rectangle to define a zoom region. Click on the green button or hit “Enter” on the keyboard to execute the zoom.



2. Filter stations

CRUISE NAME

Select cruises on the tree dialog. The state of the selection is saved in your browser.



DATE

Choose a date range.

Station Filter: Date

RELAX

From:

Year

1900

Month

01

Day

01

To:

Year

2025

Month

09

Day

16

CANCEL

APPLY

SEASON

Select a season.

Station Filter: Season

RELAX

From:

Month

06

Day

01

To:

Month

08

Day

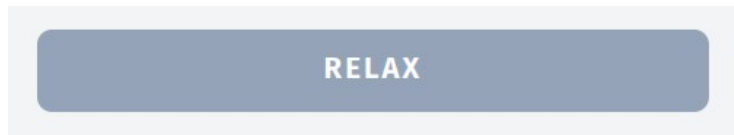
31

CANCEL

APPLY

RESET

Click on the



button to set the “Filter stations” settings to default.

3. Select variables

VARIABLES

Select variables on the dialog. Number of stations on the map can change depending on the availability of selected variables.

Select Variables

✓ **All**

☒ CTDPRS [DBAR]

☒ CTDTMP [ITS-90 + IPTS-68]

☐ CTDTMP [IPTS-68]

☐ CDTMP [ITS-90]

☐ CTDSAL [PSS-78]

☒ CTDOXY [uMOL/KG]

☐ XMISS [%TRANS]

☐ FLUOR [mVOLTS]

☐ NITRATE [uMOL/KG]

☐ CHLPIG [uG/L]

Checked Items: 3 of 11

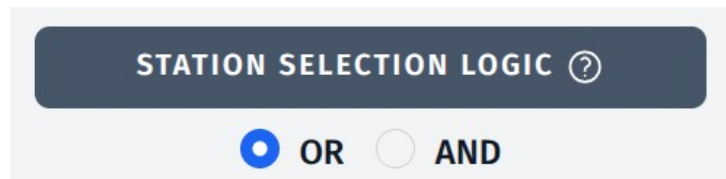
Select at least one variable.

CANCEL

APPLY

STATION SELECTION LOGIC

- **OR mode:** In this case all stations in the map are shown, which have data for one **OR** more of the selected variables.
- **AND mode:** Only stations are shown, that have data for **ALL** of the selected variables.



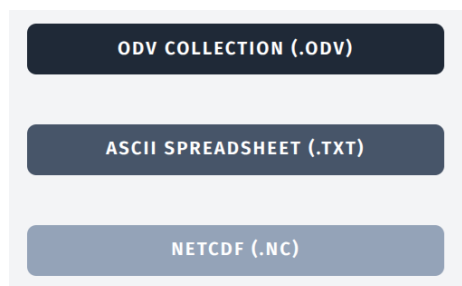
A dark blue button labeled "STATION SELECTION LOGIC" with a question mark icon. Below it, two radio buttons are shown: the first is selected (blue) and labeled "OR", the second is unselected (grey) and labeled "AND".

RESET

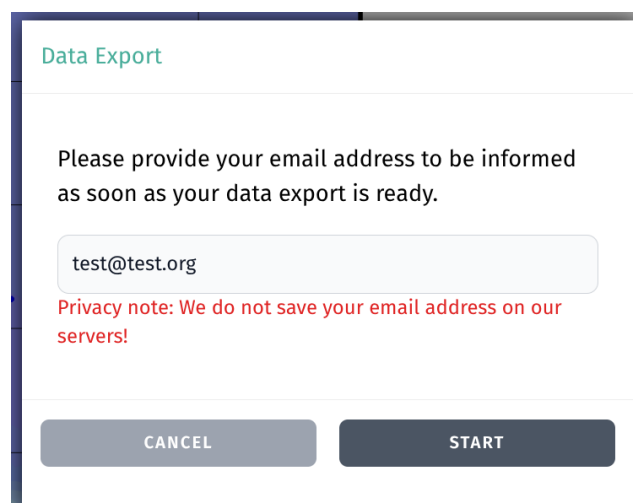
Click on the Relax button to return to the default settings.

4. Download

Choose a download format. On the Download dialog please provide your email address. We will send you an email with the download link. You can now continue working with webODV or just close the browser. The data extraction is processed in the background. Privacy note: We do not save your email address on our servers.



A vertical stack of three buttons: "ODV COLLECTION (.ODV)", "ASCII SPREADSHEET (.TXT)", and "NETCDF (.NC)". The "NETCDF (.NC)" button is highlighted in a lighter blue color.



A dialog box titled "Data Export". It contains the text: "Please provide your email address to be informed as soon as your data export is ready." Below this is a text input field containing "test@test.org". A red line of text below the input field reads: "Privacy note: We do not save your email address on our servers!". At the bottom are two buttons: "CANCEL" and "START".