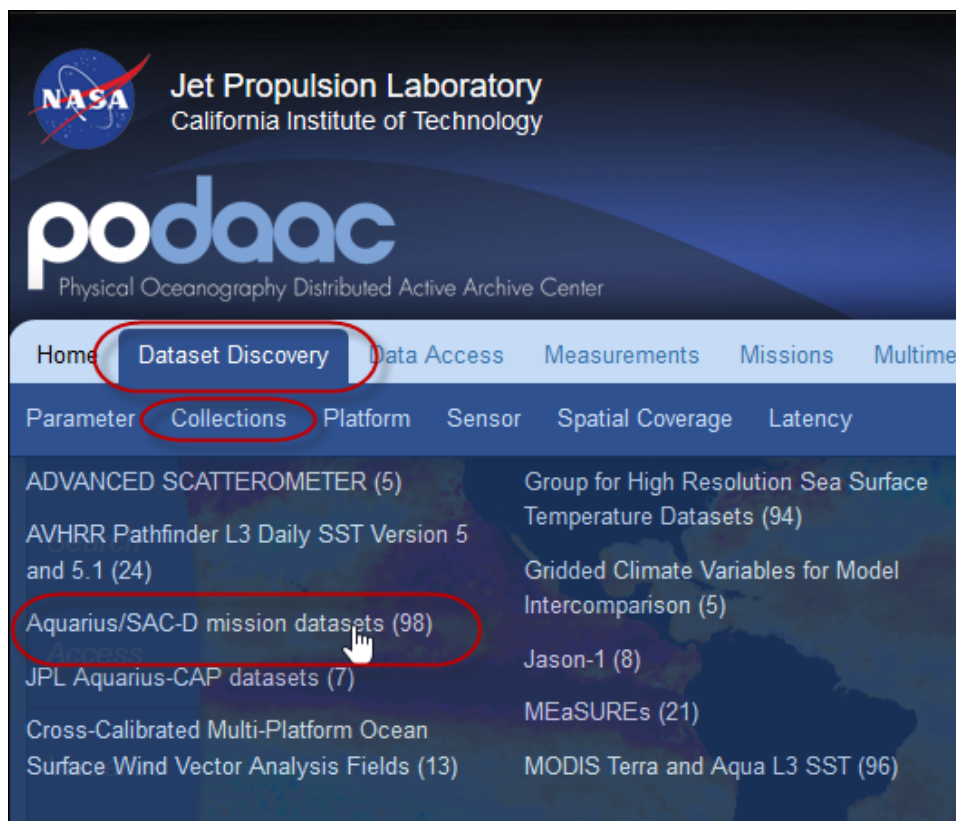


## How to Access Aquarius Datasets through the PO.DAAC



With your mouse, hover over **Dataset Discovery – Collections**.

Click **Aquarius/SAC-/D mission datasets (98)**.

**Note:**“(98)” indicates the number of datasets available in this collection.

Use **Select Filter** to refine your search to find the dataset you need.

**Note:** The number in parentheses indicates the number of datasets available by selecting that filter.

*Example: Filter Parameters...*

**Processing Levels** – Level-3 (Grid)  
**Swath Spatial Resolution** – 200 km  
**Temporal Resolution** – 1 Month  
**Parameter** – Salinity/Density

*This filter reduces the number of datasets from 98 to 11.*

Select Filter

Processing Levels

Any processing level  
Level-2 (Swath) (1)  
Level-3 (Grid) (97)

Swath Spatial Resolution

Any swath spatial resolution  
200 km (97)  
243 km (1)

Grid Spatial Resolution

Any grid spatial resolution  
1 degree(s) (97)

Temporal Resolution

Any temporal resolution  
1 Day (10)  
1 Month (23)  
1 Year (10)  
1383 Day (10)  
28 Day (10)  
3 Month (20)  
7 Day (14)

Parameter

Any parameter  
Ocean Temperature (28)  
Ocean Winds (29)  
Salinity/Density (42)

### Select Filter

#### Processing Levels

Any processing level

Level-3 (Grid) (11)

#### Swath Spatial Resolution

Any swath spatial resolution

200 km (11)

#### Grid Spatial Resolution

Any grid spatial resolution

1 degree(s) (11)

#### Temporal Resolution

Any temporal resolution

1 Month (11)

#### Parameter

Any parameter

Salinity/Density (11)

Any variable

Conductivity

Density (2)

Salinity (9)

#### Collections

Any collection

Aquarius/SAC-D mission datasets (11)

#### Platform

Any platform

All Products > Collections: Aquarius > Processing Levels: 3 > Swath Spatial Resolution: 200.0 > Temporal Resolution: 1 Month > Parameter: Salinity/Density

### Dataset Discovery

To learn more about Salinity/Density, please visit [this page](#).

Found 11 matching dataset(s).

Advanced search

View mode:  

Sort By: Popularity (All Time)

Prev 1 2 Next



#### Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0 (AQUARIUS\_L3\_SSS\_SMI\_MONTHLY\_V4)

Salinity/Density

Platform/Sensor: AQUARIUS\_SAC-D /AQUARIUS\_RADIOMETER , AQUARIUS\_SAC-D /AQUARIUS\_SCATTEROMETER

Processing Level: 3

Longitude/Latitude Resolution: 1 degrees x 1 degrees

Start/End Date: 2011-Aug-25 to 2015-Jun-7

Description: Aquarius Level 3 sea surface salinity (SSS) standard mapped image data contains gridded 1 degree spatial resolution SSS averaged over daily, 7 day, monthly, and seasonal time scales. ... [more](#)

Click the link of the dataset you are looking for.



### Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0

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[http://podaac.jpl.nasa.gov/dataset/AQUARIUS\\_L3\\_SSS\\_SMI\\_MONTHLY\\_V4](http://podaac.jpl.nasa.gov/dataset/AQUARIUS_L3_SSS_SMI_MONTHLY_V4)

Please contact us if there are any discrepancies or inaccuracies found below.

Information

Data Access

Documentation

Granule (File) Listing

Citation

**DOI** 10.5067/AQR40-35MCS

**Short Name** AQUARIUS\_L3\_SSS\_SMI\_MONTHLY\_V4

**Description** Aquarius Level 3 sea surface salinity (SSS) standard mapped image data contains gridded 1 degree spatial resolution SSS averaged over daily, 7 day, monthly, and seasonal time scales. This particular data set is the Monthly sea surface salinity product for version 4.0 of the Aquarius data set, which is the official end of prime mission public data release from the AQUARIUS/SAC-D mission. The Aquarius instrument is onboard the AQUARIUS/SAC-D satellite, a collaborative effort between NASA and the Argentinian Space Agency Comision Nacional de Actividades Espaciales (CONAE). The instrument consists of three radiometers in push broom alignment at incidence angles of 29, 38, and 46 degrees incidence angles relative to the shadow side of the orbit. Footprints for the beams are: 76 km (along-track) x 94 km (cross-track), 84 km x 120 km and 96km x 156 km, yielding a total cross-track swath of 370 km. The radiometers measure brightness temperature at 1.413 GHz in their respective horizontal and vertical polarizations (TH and TV). A scatterometer operating at 1.26 GHz.

## Information Tab

Contains many pieces of information including the Description, Coverage, Resolution, Projection, Latency and Platform/Sensor.



**Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0**  
 SHARE THIS PAGE  
[http://podaac.jpl.nasa.gov/dataset/AQUARIUS\\_L3\\_SSS\\_SMI\\_MONTHLY\\_V4](http://podaac.jpl.nasa.gov/dataset/AQUARIUS_L3_SSS_SMI_MONTHLY_V4)  
 Please contact us if there are any discrepancies or inaccuracies found below.

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 Citation

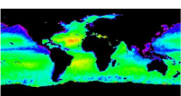
**Direct Access**

<b>OPENDAP</b>	<a href="http://podaac-opendap.jpl.nasa.gov/opendap/allData/aquarius/L3/mapped/V4/monthly/SCI/">http://podaac-opendap.jpl.nasa.gov/opendap/allData/aquarius/L3/mapped/V4/monthly/SCI/</a>
<b>FTP</b>	<a href="ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/L3/mapped/V4/monthly/SCI">ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/L3/mapped/V4/monthly/SCI</a>
<b>Format (Compression)</b>	HDF5 (BZIP2)
<b>THREDDS</b>	<a href="http://thredds.jpl.nasa.gov/thredds/catalog/ncml_aggregation/SalinityDensity/aquarius/catalog.html?dataset=ncml_aggregation/SalinityDensity/aquarius/aggregate__AQUARIUS_L3_SSS_SMI_MONTHLY_V4.ncml">http://thredds.jpl.nasa.gov/thredds/catalog/ncml_aggregation/SalinityDensity/aquarius/catalog.html?dataset=ncml_aggregation/SalinityDensity/aquarius/aggregate__AQUARIUS_L3_SSS_SMI_MONTHLY_V4.ncml</a> THREDDS SERVER

## Data Access Tab

Provides links to different portals from which you may download your dataset.

To access your data via THREDDS, click the link next to **THREDDS**.



**Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0**  
 SHARE THIS PAGE  
[http://podaac.jpl.nasa.gov/dataset/AQUARIUS\\_L3\\_SSS\\_SMI\\_MONTHLY\\_V4](http://podaac.jpl.nasa.gov/dataset/AQUARIUS_L3_SSS_SMI_MONTHLY_V4)  
 Please contact us if there are any discrepancies or inaccuracies found below.

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**User's Guide**

<b>User's Guide</b>	<a href="ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/docs/v4/AQ-010-UG-0008_AquariusUserGuide_DatasetV4.0.pdf">ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/docs/v4/AQ-010-UG-0008_AquariusUserGuide_DatasetV4.0.pdf</a> Aquarius Data User's Guide
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**Project Materials**

<b>Aquarius v4.0 Documentation Package</b>	<a href="ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/docs/v4/ATBD, Validation Analysis, Product Specifications, etc">ftp://podaac-ftp.jpl.nasa.gov/allData/aquarius/docs/v4/ATBD, Validation Analysis, Product Specifications, etc</a>
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**Additional Sites**

<b>Aquarius/SAC-D Mission Website</b>	<a href="http://aquarius.nasa.gov/">http://aquarius.nasa.gov/</a> NASA Aquarius/SAC-D mission website
<b>PO.DAAC Aquarius/SAC-D Mission page</b>	<a href="http://podaac.jpl.nasa.gov/aquarius">http://podaac.jpl.nasa.gov/aquarius</a> Mission and Instrument Overview

## Documentation Tab

Provides links to documentation about the dataset.



**Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0**

SHARE THIS PAGE  
[http://podaac.jpl.nasa.gov/dataset/AQUARIUS\\_L3\\_SSS\\_SMI\\_MONTHLY\\_V4](http://podaac.jpl.nasa.gov/dataset/AQUARIUS_L3_SSS_SMI_MONTHLY_V4)

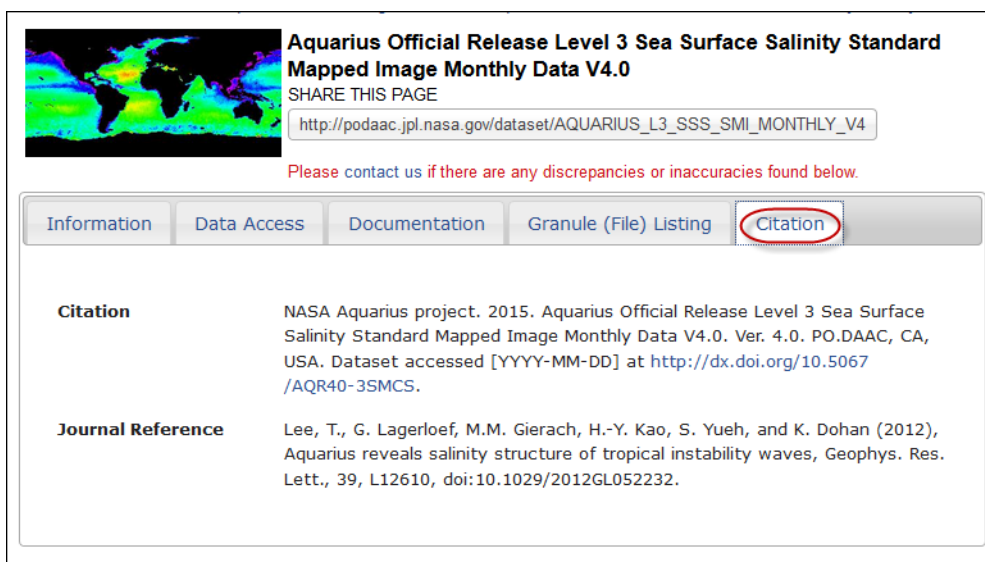
Please contact us if there are any discrepancies or inaccuracies found below.

Information Data Access Documentation **Granule (File) Listing** Citation

- 2011 (5)
  - August (1)
    - Q20112132011243.L3m\_MO\_SCI\_V4.0\_SSS\_1deg
      - PO.DAAC FTP
      - PO.DAAC OPeNDAP
  - September (1)
  - October (1)
  - November (1)
  - December (1)
- 2012 (12)
- 2013 (12)
- 2014 (12)
- 2015 (6)

## Granule (File) Listing Tab

Shows the file directory structure and allows you to access data files from FTP or OpenDAP one month at a time.



**Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0**

SHARE THIS PAGE  
[http://podaac.jpl.nasa.gov/dataset/AQUARIUS\\_L3\\_SSS\\_SMI\\_MONTHLY\\_V4](http://podaac.jpl.nasa.gov/dataset/AQUARIUS_L3_SSS_SMI_MONTHLY_V4)

Please contact us if there are any discrepancies or inaccuracies found below.

Information Data Access Documentation Granule (File) Listing **Citation**

**Citation** NASA Aquarius project. 2015. Aquarius Official Release Level 3 Sea Surface Salinity Standard Mapped Image Monthly Data V4.0. Ver. 4.0. PO.DAAC, CA, USA. Dataset accessed [YYYY-MM-DD] at <http://dx.doi.org/10.5067/AQR40-3SMCS>.

**Journal Reference** Lee, T., G. Lagerloef, M.M. Gierach, H.-Y. Kao, S. Yueh, and K. Dohan (2012), Aquarius reveals salinity structure of tropical instability waves, Geophys. Res. Lett., 39, L12610, doi:10.1029/2012GL052232.

## Citation Tab

Provides Citation and Journal Reference information.