

# How to use SGLI Standard product monitor

Ver.1 : 2023/05/12

# JASMES SGLI Standard product monitor Usage



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[https://www.eorc.jaxa.jp/JASMES/SGLI\\_STD/about\\_sglistd\\_j.html](https://www.eorc.jaxa.jp/JASMES/SGLI_STD/about_sglistd_j.html)

# JASMES SGLI Standard product monitor Usage ①



JASMES

2023/03/16 NEW  
Global CLFG(Daily) has  
SGLI Standard monitor.  
Added the Polar Stereo  
area.  
2023/01/06 NEW  
The climatological data/s

About Data Data Access

Daily Monitor

日本語

**Area**

Global (5km) Japan (250m)  
Polar Stereo (North) Polar Stereo (Sounth)

**Satellite orbit direction**

Ascending Descending

**Obs/Anomaly** ?

Observation Image Anomaly

**Statistics period**

Daily 8-day monthly

**Products**

Land

Land Surface Temperature  
Normalized Difference Vegetation Index  
Leaf Area Index  
Above Ground Biomass  
Fraction of Absorbed Photosynthetically Active Radiation  
Atmospheric corrected reflectance RGB image

Ocean

Normalized water leaving radiance RGB image  
Sea Surface Temperature  
Chlorophyll-a concentration  
Total suspended matte

① Area  
Click the button to switch the area.  
For detail of the target area and resolution, please refer to [here](#).

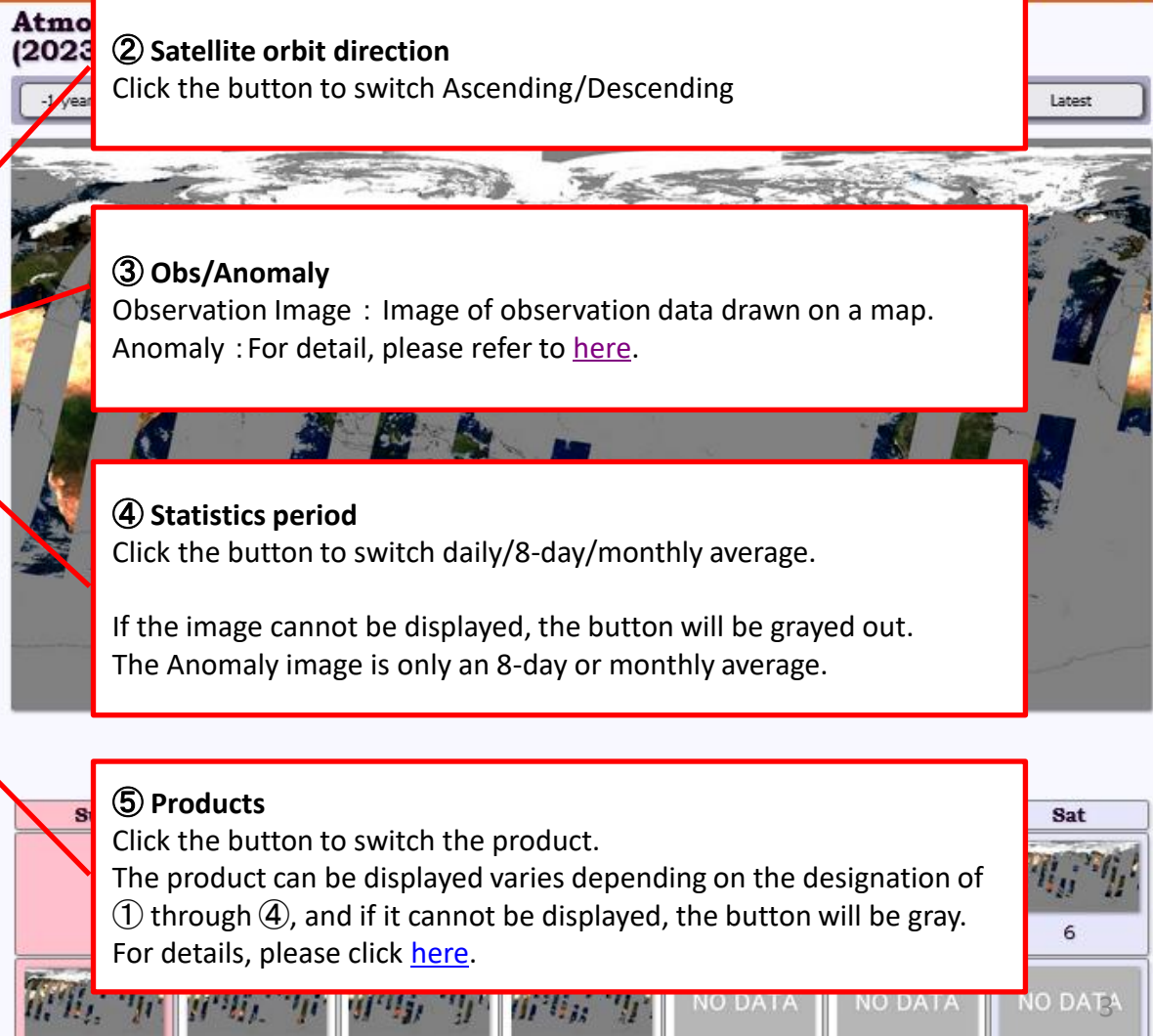
② Satellite orbit direction  
Click the button to switch Ascending/Descending

③ Obs/Anomaly  
Observation Image : Image of observation data drawn on a map.  
Anomaly : For detail, please refer to [here](#).

④ Statistics period  
Click the button to switch daily/8-day/monthly average.  
If the image cannot be displayed, the button will be grayed out.  
The Anomaly image is only an 8-day or monthly average.

⑤ Products  
Click the button to switch the product.  
The product can be displayed varies depending on the designation of ① through ④, and if it cannot be displayed, the button will be gray.  
For details, please click [here](#).

By Category, such as "Land."Toggles the product buttons on and off.



Latest

Sat  
6

NO DATA NO DATA NO DATA

# JASMES SGLI Standard product monitor Usage ② (Daily)



**JASMES**

2023/03/16 **NEW**  
Global CLFG(Daily) have been SGLI Standard monitor.  
Added the Polar Stereo (North area).  
2023/01/06 **NEW**  
The climatological data/anoma

About Data Data Access

日本語

## Daily Monitor

### Area

Global (5km) Japan (250m)  
Polar Stereo (North) Polar Stereo (Sounth)

### Satellite orbit direction

Ascending Descending  
Items that cannot be selected are grayed out.

### Obs/Anomaly ?

Observation Image Anomaly  
Anomaly images are 8-day, monthly only.  
Items that cannot be selected are grayed out.

### Statistics period

Daily 8-day monthly  
Items that cannot be selected are grayed out.

### Atmospheric corrected reflectance RGB image (2023/05/04)

-1 year -1 month -1 day 2023 / 5 / 4 +1 day +1 month +1 year Latest











**Image**  
An image corresponding to the designation from ① to ⑥ will be displayed.  
Scrolling the mouse over the image changes it to the previous or next date.  
Clicking on the image will display an enlarged image in a new tab.

**thumbnail view**  
Displays a calendar of thumbnail images for one month in the specified month. Clicking on a thumbnail image changes the date, and the image above changes to the specified date.

Fraction of Absorbed Photosynthetically Active Radiation  
Atmospheric corrected reflectance RGB image

**Ocean**

Normalized water leaving radiance RGB image  
Sea Surface Temperature  
Chlorophyll-a concentration  
Total suspended matte

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	 1	 2	 3	 4	 5	 6
				NO DATA	NO DATA	NO DATA

# JASMES SGLI Standard product monitor Usage ③ (8-day)



**JASMES** 2023/03/16 **NEW**  
Global CLFG(Daily) have been updated.  
SGLI Standard monitor.  
Added the Polar Stereo (North and South) area.  
2023/01/06 **NEW**  
The climatological data/anomaly data.

About Data Data Access

日本語

## Daily Monitor

**Area**  
Global (5km) Japan (250m)  
Polar Stereo (North) Polar Stereo (South)

**Satellite orbit direction**  
Ascending Descending  
Items that cannot be selected are grayed out.

**Obs/Anomaly** ?  
Observation Image Anomaly  
Anomaly images are 8-day, monthly only.  
Items that cannot be selected are grayed out.

**Statistics period**  
Daily 8-day monthly  
Items that cannot be selected are grayed out.

**Fraction of Absorbed Photosynthetically Active Radiation**  
Atmospheric corrected reflectance RGB image

**Ocean**  
Normalized water leaving radiance RGB image  
Sea Surface Temperature  
Chlorophyll-a concentration  
Total suspended matter

### Atmospheric corrected reflectance RGB image (2023/05/01~2023/05/08)

-1 year -1 month -8 day 2023 / 05/01~05/08 +8 day +1 month +1 year Latest

**Image**  
An image corresponding to the designation from ① to ⑥ will be displayed.  
Scrolling the mouse over the image changes it to the previous or next date.  
Clicking on the image will display an enlarged image in a new tab.

**thumbnail view**  
Displays a calendar of thumbnail images for a specified year. Clicking on a thumbnail image changes the date, and the image above changes to the specified date.

# JASMES SGLI Standard product monitor Usage ④ (Monthly)

2023/03/16 **NEW**  
 - Global CLFG(Daily) have been added to the SGLI Standard monitor.  
 - Added the Polar Stereo (North and South) area.  
 2023/01/06 **NEW**  
 The climatological data/analysis has been added to the SGLI Standard monitor.

⑥ Date  
button or select box to specify the date.

Data Access

日本語

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**Daily Monitor**

**Area**

Global (5km) Japan (250m)

Polar Stereo (North) Polar Stereo (South)

**Satellite orbit direction**

Ascending Descending

Items that cannot be selected are grayed out.

**Obs/Anomaly** ?

Observation Image Anomaly

Anomaly images are 8-day, monthly only.  
Items that cannot be selected are grayed out.

**Statistics period**

Daily 8-day monthly

Items that cannot be selected are grayed out.

**Products**

Land

Ocean

Normalized water leaving radiance RGB image

Sea Surface Temperature

Chlorophyll-a concentration

Total suspended matter

Colored dissolved organic matter at 412nm

Atmosphere

Top-of-atmosphere radiance RGB image

Aerosol Optical Thickness over Land and Ocean

**Atmospheric corrected reflectance RGB image (2023/01)**

/

**Image**  
 An image corresponding to the designation from ① to ⑥ will be displayed.  
 Scrolling the mouse over the image changes it to the previous or next date.  
 Clicking on the image will display an enlarged image in a new tab.

Year/ Month	2019	2020	2021	2022	2023
01					
02					
03					

**thumbnail view**  
 Displays a calendar of thumbnail images for the past 5 years. Clicking on a thumbnail image changes the date, and the image above changes to the specified date.

## ➤ Specify the content to be displayed by URL

By adding "[Name]=[Value]" after the URL, you can specify the content to be displayed.

Please use it for bookmarking and sharing.

Name (URL)		value (URL)
<b>area</b>	Global	g
	Japan	j
	Polar Stereo (North)	np
	Polar Stereo (Sounth)	sp
<b>mode</b>	Observation Image	obs
	Anomaly	anom
<b>prod</b>	Product ID	Please refer to JASMES SGLI Standard Product List.
<b>drct</b>	Descending	D
	Ascending	A
<b>term</b>	Daily	1d
	8-day	8d
	Monthly	1m
<b>date</b>	Date	yyyymmdd

Example) Global / Observation Image / Atmospheric corrected reflectance RGB / Descending / Daily / April 10, 2023

[https://www.eorc.jaxa.jp/JASMES/SGLI\\_STD/index\\_j.html?area=g&mode=obs&prod=RSRF&drct=D&term=1d&date=20230410](https://www.eorc.jaxa.jp/JASMES/SGLI_STD/index_j.html?area=g&mode=obs&prod=RSRF&drct=D&term=1d&date=20230410)





# ➤ JASMES SGLI Standard Product List ②



➤ Products that can be displayed are as follows. Please use the product ID when specifying the URL.

Product	Product ID	mode	Observation Image															Anomaly									
		area	Global						Japan						Polar Stereo			Global		Japan							
		term	1D		8D		1M		1D		8D		1M		1D	8D	1M	8D	1M	8D		1M		8D		1M	
		drct	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A
Optical Thickness of water cloud droplets	COTW		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Cloud type composite	CFRG		○	○	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Cirrus)	CFR1		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Cirro-stratus)	CFR2		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Deep convection)	CFR3		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Alto-cumulus)	CFR4		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Alto-stratus)	CFR5		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Nimbo-stratus)	CFR6		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Cumulus)	CFR7		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Strato-cumulus)	CFR8		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Stratus)	CFR9		-	○	-	○	-	○	-	-	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(ALL)	CFRA		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(High)	CFRH		○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Middle)	CFRM		○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio of the number of cloud pixels(Low)	CFRH		○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cloud flag	CFLG		○	○	-	-	-	-	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-
Snow and Ice Covered area	SICE		○	○	○	○	○	○	-	○	-	○	-	○	○	○	○	○	○	○	-	-	-	-	-	-	-
Snow and Ice Surface Temperature	SIST		○	○	○	○	○	○	-	○	-	○	-	○	○	○	○	○	○	○	-	-	-	-	-	-	-