

How to use JASMES Image Archive

Ver.1 : 2024/11/13

Ver.2 : 2025/02/25

JASMES Image Archive Usage Index



➤ [Usage](#)

➤ [Specify the content to be displayed by URL](#)

➤ [Product List](#)

➤ About JASMES Climate data

SGLI/GCOM-C: https://www.eorc.jaxa.jp/JASMES/SGLI_STD/about_sglistd.html

MODIS: <https://www.eorc.jaxa.jp/JASMES/datalist.html>

Datalist: https://www.eorc.jaxa.jp/JASMES/userguide/prdtable/userguide_jasmesmonitor_datalist.pdf

JASMES Image Archive Usage①



The screenshot shows the JASMES website interface. At the top left, there is a navigation bar with 'Image Analyzer' and 'Image Archive' buttons. A notification banner at the top center states: '2024.10.07 [Update] Due to the system maintenance, the Web and FTP service have stopped at 02:00(UTC). Please wait until the service is restored.' The main content area is titled 'Atmospheric corrected reflectance RGB image (2024.10.07)'. Below the title, there are several control panels: 'Products', 'Area', 'Statistics period', 'Obs/Anomaly', and 'Sensor (Satellite)'. Each panel contains a list of options, with one option highlighted in green. The 'Products' panel has 'Atmospheric corrected reflectance RGB image' selected. The 'Area' panel has 'Global (5km)' selected. The 'Statistics period' panel has '1-day' selected. The 'Obs/Anomaly' panel has 'Observation Image' selected. The 'Sensor (Satellite)' panel has 'SGLI (GCOM-C)' selected. The main image area shows a satellite image of the Earth. At the bottom, there is a grid of image thumbnails labeled 15 through 21. A page number '3' is visible in the bottom right corner.

① Products
After selecting a category(Land, Ocean, Atmosphere, or Cryosphere), click the button to switch the product.

② Area
Click the button to switch the area.
For detail of the target area and resolution, please refer to below.
[GCOM-C/SGLI](#), [MODIS](#)

③ Statistics period
Click the button to switch daily/8-day/half-monthly/monthly average.
If the image cannot be displayed, the button will be grayed out.
The Anomaly image is only an 8-day or half monthly/monthly average.

④ Obs/Anomaly
Observation Image : Image of observation data drawn on a map.
Anomaly : For detail, please refer to [here](#).

⑤ Sensor
Click the button to switch sensor.
It is divided into daytime and nighttime observations.

JASMES Image Archive Usage② (Daily)



2024.10.07 [Update] Due to the system update, the Web and FTP service will be suspended from 02:00(UTC). Please wait until the service is restored.

日本語

Image Analyzer Image Archive

Products

Land Ocean Atmo. Cryo.

Land Surface Temperature

Normalized Difference Vegetation Index

Leaf Area Index

Above Ground Biomass

Fraction of Absorbed Photosynthetically Active Radiation

Atmospheric corrected reflectance RGB image

Wild Fire

Water Stress Trend

Soil Moisture

Items that cannot be selected are grayed out.

Area

Obs/Anomaly ?

Observation Image Anomaly

Items that cannot be selected are grayed out.

Sensor (Satellite)

Daytime

SGLI (GCOM-C) MODIS (Terra)

MODIS (Aqua) MODIS (Terra+Aqua)

VIIRS (S-NPP) AMSR (GCOM-W)

Items that cannot be selected are grayed out.
AMSR only displays polar regions, and is a composite of

Atmospheric corrected reflectance RGB image (2024/09/01)

Show Monthly Statistics Graph

SGLI(GCOM-C) daytime

-1 year -1 month -1 day 2024 9 1 +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.

⑥ Date

button or select box to specify the date.

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.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

JASMES Image Archive Usage③ (8-day)



JASMES

2024.10.07
[Update]

Due to the system maintenance, processing of SGLI JASMES Web and FTP service have been suspended since 2024/10/03 02:00(UTC). Please wait until the services are resumed.

JASMES TOP

EORC GCOM-C

User Guide

About Data

Data Processing

FAQ

⑥ Date

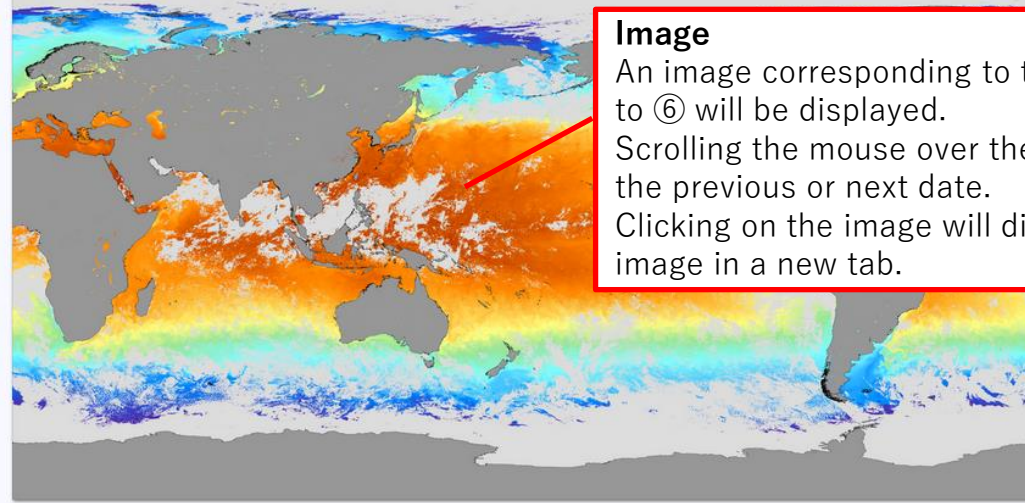
button or select box to specify the date.

Sea Surface Temperature
(2024/09/01~2024/09/08)

Show Monthly Statistics Graph

SGLI(GCOM-C)
daytime

-1 year -1 month -8 day 2024 / 08/28~09/04 +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.

Statistics period

1-day 8-day half-month 1-month

Items that cannot be selected are grayed out.

Obs/Anomaly ?

Observation Image Anomaly

Items that cannot be selected are grayed out.

Sensor (Satellite)

Daytime

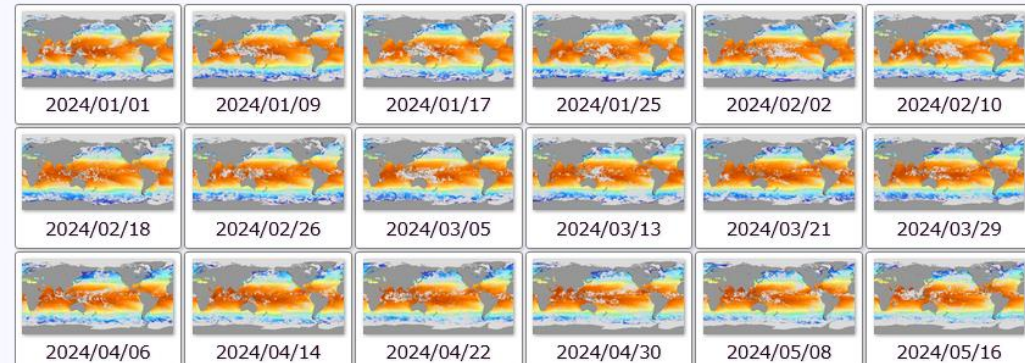
SGLI (GCOM-C) MODIS (Terra)

MODIS (Aqua) MODIS (Terra+Aqua)

VIIRS (S-NPP) AMSR (GCOM-W)

Items that cannot be selected are grayed out.

AMSR only displays polar regions, and is a composite of



JASMES Image Archive Usage④ (Half-Monthly)



2024.10.07
[Update]

Due to the system maintenance, processing of SGLI JASMES Web and FTP service have been suspended since 2024/10/03 02:00(UTC). Please wait until the services are resumed.

- JASMES TOP
- EORC GCOM-C
- User Guide
- About Data
- Data Processing
- FAQ

⑥ **Date**
button or select box to specify the date.

thumbnail view
Displays a calendar of thumbnail images for the past 3 years. Clicking on a thumbnail image changes the date, and the image above changes to the specified date.

Normalized Difference Vegetation Index (2024/09/01~2024/09/15)

Show Monthly Statistics Graph

MODIS(GCOM-C) daytime

-1 year -1 month -0.5 month **2024** / 9 / 01~15 +0.5 month +1 month +1 year Latest

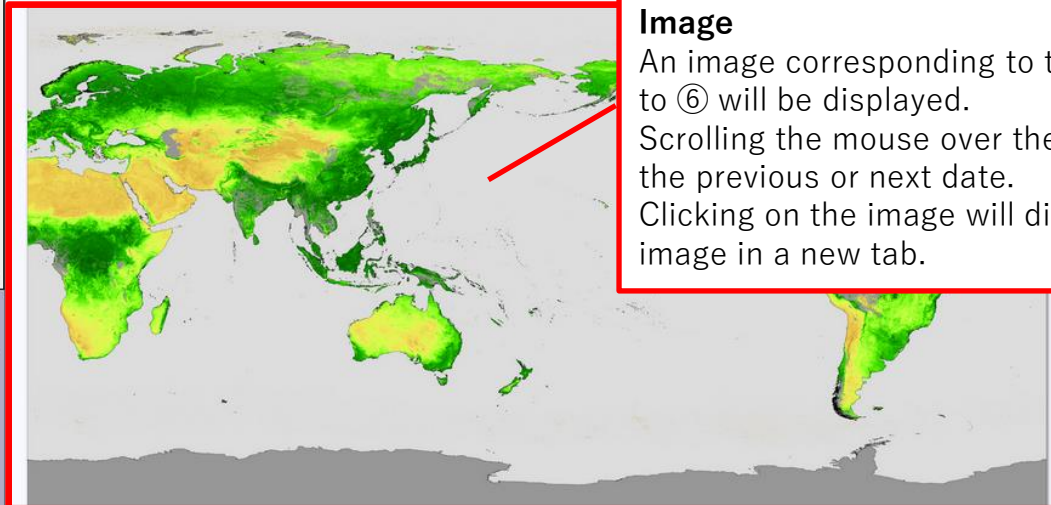


Image
An image corresponding to the designation from ① to ⑥ will be displayed. Scrolling the mouse over the image changes it to the previous or next date. Clicking on the image will display an enlarged image in a new tab.

- Land
- Ocean
- Atmo.
- Cryo.
- Land Surface Temperature
- Normalized Difference Vegetation Index**
- Leaf Area Index
- Above Ground Biomass
- Fraction of Absorbed Photosynthetically Active Radiation
- Atmospheric corrected reflectance RGB image
- Wild Fire
- Water Stress Trend
- Soil Moisture

Statistics period
1-day 8-day **half-month** 1-month

Obs/Anomaly
Observation Image Anomaly

Sensor (Satellite)
Daytime
SGLI (GCOM-C) MODIS (Terra)
MODIS (Aqua) **MODIS (Terra+Aqua)**
VIIRS (S-NPP) AMSR (GCOM-W)

Year/ Month	2022	2023	2024
01/01 ~ 15			
01/16 ~ 31			

JASMES Image Archive Usage⑤ (Monthly)



2024.10.07
[Update]

Due to the system maintenance, processing of SGLI JASMES Web and FTP service have been suspended since 2024/10/03 02:00(UTC). Please wait until the services are resumed.

JASMES TOP

EORC GCOM-C

User Guide

About Data

Data Processing

FAQ

⑥ Date

button or select box to specify the date.

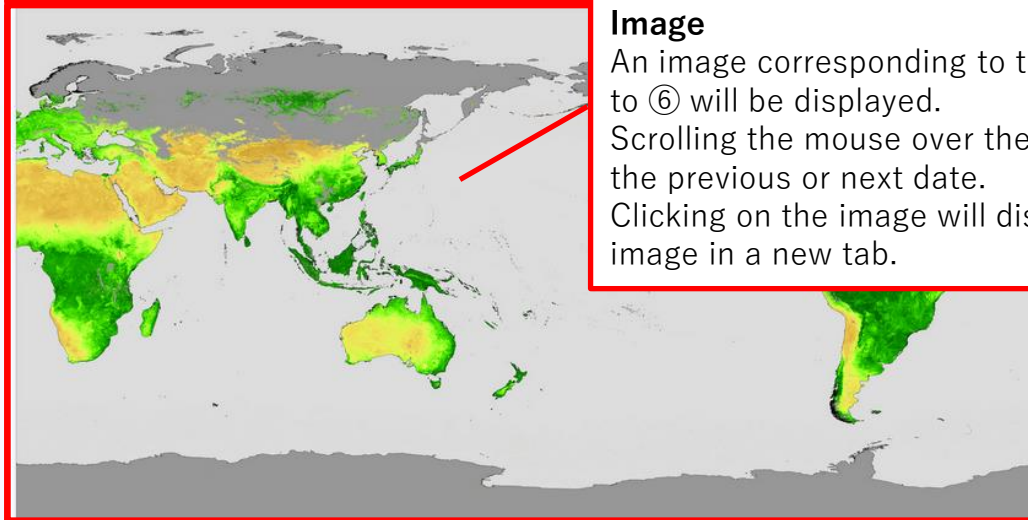
Normalized Difference Vegetation Index (2024/01)

Show Monthly Statistics Graph

MODIS(GCOM-C) daytime

- Land
- Ocean
- Atmo.
- Cryo.
- Land Surface Temperature
- Normalized Difference Vegetation Index**
- Leaf Area Index
- Above Ground Biomass
- Fraction of Absorbed Photosynthetically Active Radiation
- Atmospheric corrected reflectance RGB image
- Wild Fire
- Water Stress Trend
- Soil Moisture

-1 year -1 month 2024 / 1 +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 the past 3 years. Clicking on a thumbnail image changes the date, and the image above changes to the specified date.

Statistics period

1-day 8-day half-month 1-month

Items that cannot be selected are grayed out.

Obs/Anomaly

Observation Image Anomaly

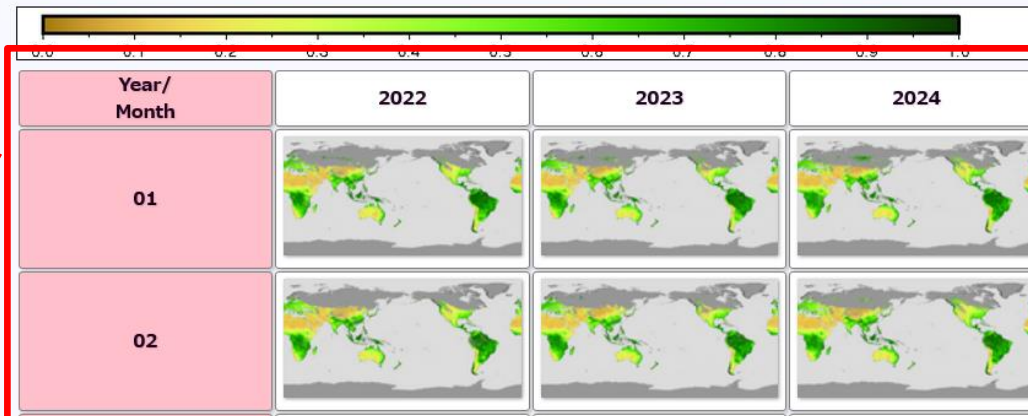
Items that cannot be selected are grayed out.

Sensor (Satellite)

Daytime

SGLI (GCOM-C) MODIS (Terra)
MODIS (Aqua) MODIS (Terra+Aqua)
VIIRS (S-NPP) AMSR (GCOM-W)

Items that cannot be selected are grayed out.
AMSR only displays polar regions, and is a composite of



➤ 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)
area	Global (5km)	g
	Japan (1km, 250m)	j
	Polar Stereo (North)	np
	Polar Stereo (Sounth)	sp
	Gobi/Taklamakan	sp
	Thai (1km)	sp
term	Daily	1d
	8-day	8d
	Half-Monthly	hm
	Monthly	1m
mode	Observation Image	obs
	Anomaly	anom
sensor	SGLI/GCOM-C (daytime)	sglid
	MODIS/Terra (daytime)	mod
	MODIS/Aqua (daytime)	myd
	MODIS/Terra+Aqua (daytime)	mds
	VIIRS S-NPP (daytime)	viirsa
	AMSR/GCOM-W (daytime)	amsr
	SGLI/GCOM-C (nighttime)	mds
	VIIRS S-NPP (nighttime)	viirsd
prod	Product ID	Please refer to JASMES SGLI Standard Product List.
date	Date	yyyymmdd

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

<https://www.eorc.jaxa.jp/JASMES/Image/archive.html?area=g&mode=obs&prod=RSRF&drct=D&term=1d&date=20230410>⁸

➤ JASMES Image Archive Product List ②

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

Category	Product	Product ID	Sensor	mode	Observation																		Anomaly													
				area	Global						Japan						Polar			Gobi			Thai			Global			Japan							
				term	1D	8D	HM	1M	1D	8D	HM	1M	1D	8D	1M	1D	HM	1M	8D	HM	1M	8D	HM	1M	8D	HM	1M									
				Day/Night	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N								
Atmosphere	Shortwave radiation	SWR	GCOM/SGLI		○	-	○	-	-	-	○	-	○	-	○	-	-	-	○	-	-	-	-	-	-	-	○	-	-	-	○	-	-	-	○	-
Atmosphere	Shortwave radiation	SWR	MODIS/Terra		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Shortwave radiation	SWR	MODIS/Aqua		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Shortwave radiation	SWR	VIIRS		○	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Temperature of CCloud Top layer	CLTT	GCOM/SGLI		○	○	○	○	-	-	○	○	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Optical Thickness of water cloud droplets	COTW	GCOM/SGLI		○	○	○	○	-	-	○	○	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Cloud type composite	CFRG	GCOM/SGLI		○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Cloud type composite)	CLTP	GCOM/SGLI		-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Cirrus)	CFR1	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Cirro-stratus)	CFR2	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Deep convection)	CFR3	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Alto-cumulus)	CFR4	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Alto-stratus)	CFR5	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Nimbo-stratus)	CFR6	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Cumulus)	CFR7	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Strato-cumulus)	CFR8	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Stratus)	CFR9	GCOM/SGLI		○	-	○	-	-	-	○	-	-	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(ALL)	CFRA	GCOM/SGLI		○	○	○	○	-	-	○	○	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(High)	CFRH	GCOM/SGLI		-	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Middle)	CFRM	GCOM/SGLI		-	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Ratio of the number of cloud pixels(Low)	CFRH	GCOM/SGLI		-	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Cloud flag	CFLG	GCOM/SGLI		○	○	-	-	-	-	-	○	○	-	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere	Large Particle Ratio	LPR	MODIS/Terra		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	Large Particle Ratio	LPR	MODIS/Aqua		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(R:1,G:4,B:3)、TrueColor	RGB1	MODIS/Terra		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(R:1,G:4,B:3)、TrueColor	RGB1	MODIS/Aqua		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(R:7,G:5,B:2)、FalseColor	RGB2	MODIS/Terra		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(R:7,G:5,B:2)、FalseColor	RGB2	MODIS/Aqua		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(TAU)	TAU-RGB	MODIS/Terra		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atmosphere	RGB image(TAU)	TAU-RGB	MODIS/Aqua		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

