

【Ver3 Product Information of JASMES SGLI Standard Monitor】

- ✓ GCOM-C standard product has been updated to Version3. The data format of the JASMES SGLI standard monitor product has been updated accordingly. In addition, the bugs included in JASMES Version2 products have been fixed. (Refer to table below.)
- ✓ The aerosol products have merged non-polarization(ARNP) and polarization(ARPL) algorithm to improve accuracy. (Merged to ARNP.) In addition, the aerosol products over land and ocean have been merged for improvement of convenience.
- ✓ Please refer to the following URL for the updated contents of Version3 of GCOM-C standard product.

https://suzaku.eorc.jaxa.jp/GCOM_C/data/product_std.html *1

No.	Product	Product ID	Product type	Temporal Statistics			Ver3 Update information	Note
				1D	8D	1M		
1	Aerosol Optical Thickness over Ocean at 500 nm [~2021.11.28]	AOTL		○	○	○	Merged to No.3 for improved accuracy	
2	Aerosol Optical Thickness over Land at 500 nm [~2021.11.28]	AOTO		○	○	○	Merged to No.3 for improved accuracy	
3	Aerosol Optical Thickness over Land and Ocean at 500 nm) [2021.11.29~]	AROT		○	○	○	Added the product	
4	Top-of-atmosphere radiance TI02	LT02	Global (5km)	○	○	○	Fixed because an invalid value was stored	Scheduled to be reprocessed of Ver2
5	Geometry (LRAI, LRAP, LRAV)	LRAI LRAP LRAV		○	○	○	Modified attribute information of Absolute_relative_azimuth	Scheduled to be reprocessed of Ver2
6	Geometry (LSZI, LSZP, LSZV)	LSZI LSZP LSZV		○	○	○	Modified attribute information of Solar_zenith	Scheduled to be reprocessed of Ver2
7	Geometry (LVZI, LVZP, LVZV)	LVZI LVZP LVZV		○	○	○	Modified data type of Sensor_zenith	Scheduled to be reprocessed of Ver2
8	Snow and Ice Covered area	SICE			○	○	Deleted the invalid dataset (SICE_STD)	
9	Aerosol Optical Thickness over Ocean at 500 nm [~2021.11.28]	AOTL	Japan (250m)	○	○	○	Merged to No.12 for improved accuracy	
10	Aerosol Optical Thickness over Land at 500 nm [~2021.11.28]	AOTO		○	○	○	Merged to No.12 for improved accuracy	
11	Aerosol Optical Thickness over Land at 670 nm [~2021.11.28]	AOTP		○	○	○	Merged to No.12 for improved accuracy	
12	Aerosol Optical Thickness over Land and Ocean at 500 nm [2021.11.29~]	AROT		○	○	○	Added the product	
13	Aerosol Angstrom Exponent over Land at 670 nm and 860 nm [~2021.11.28]	AAEP		○	○	○	Merged to No.14 for improved accuracy	
14	Aerosol Angstrom Exponent over Land at 380 nm and 500 nm [2021.11.29~]	ARAE		○	○	○	Added the product	
15	Single Scattering Albedo over Land at 380 nm [~2021.11.28]	ASSA		○	○	○	Merged to No.16 for improved accuracy	
16	Single Scattering Albedo over Land and Ocean at 380 nm [2021.11.29~]	ASSA		○	○	○	Added the product	
17	Geometry (LEOI)	LEOI		○	○	○	Added Solar_azimuth/Solar_zenith	Scheduled to be reprocessed of Ver2
18	Geometry (GEOI)	GEOI		○			Added Solar_azimuth/Solar_zenith	Scheduled to be reprocessed of Ver2

Refer to *1

Bug fix

Refer to *1

Bug fix
1

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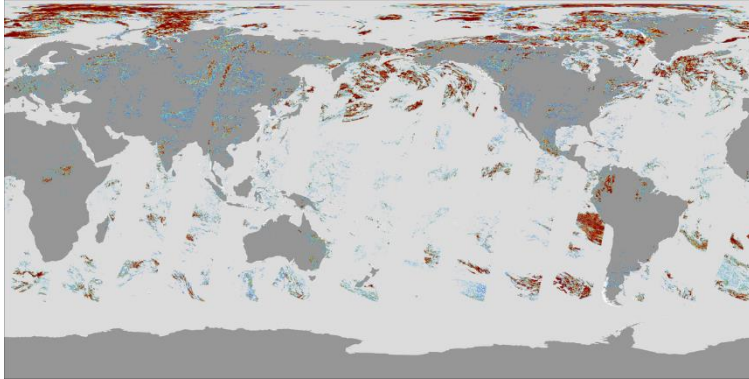
- ✓ The global classified cloud fraction products(CFR) released on the JASMES SGLI standard monitor are as follows as the resolution of the internal statistical processing for JASMES is improved.

CFR5(Alto-stratus)

Ver2

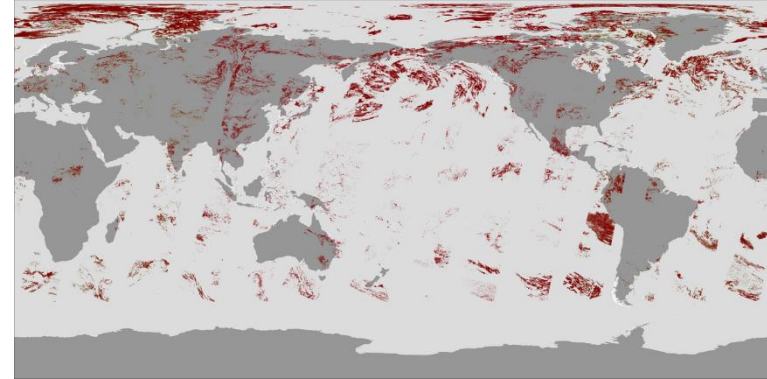
The resolution of the internal statistical processing for JASMES is 1/12 deg.

1D



Ver3

The resolution of the internal statistical processing for JASMES is 1/24 deg.



8D

