

GCOM-C/SGLI GeoTIFF processing request Output Image data(L1)

※Symbols of projection methods X : EQA(non mapped)、N : PS-North、S : PS-South are not subject to output.

2022/12/09

	L1B			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Visible and Near infrared (Non-polarization) VNR-NP	VNR	Lt_VNxx	Lt_VNxx	xx : 01~11
		Land_water_flag	----	
		QA_flag	----	
Visible and Near infrared (Polarization) VNR-PL	POL	Lt_Px_yyy	----	x : 1, 2 yyy : 0, m60, p60
		Lt_Pxyy	Lt_Pxyy	x : I, Q, U yy : 01, 02
		Land_water_flag	----	
		QA_flag	----	
Short wavelength infrared IRS(SWI+TIR)	IRS	Lt_SWxx	Lt_SWxx	xx : 01, 02, 03, 04
		Lt_Tixx	Lt_Tixx	xx : 01, 02
		Statistic_data_SWI	----	
		Statistic_data_TIR	----	
		Land_water_flag	----	
		QA_flag	----	

GCOM-C/SGLI GeoTIFF processing request Output Image data(Ocean)

2022/12/09

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Normalized water leaving radiance etc.	NWLR	QA_flag	---	
Normalized water leaving radiance		NWLR_xxx	NWLR_443	xxx : 380, 412, 443, 490, 530, 565, 670
Photosynthetically available radiation		PAR	PAR	
Atmospheric correction parameter		TAUA_xxx	TAUA_670	xxx : 670, 865
Chlorophyll-a concentration etc.	IWPR	Qa_flag	---	
Colored dissolved organic matter		CDOM	CDOM	
Chlorophyll-a concentration		CHLA	CHLA	
Suspended solid concentration		TSM	TSM	
Sea surface temperature	SST(D/N)	QA_flag	---	
		Cloud_probability	---	
Sea surface temperature		SST	SST	

L3			
Product ID	HDF5 Image_data name	GeoTIFF	value range
---	---	---	
Lxxx	NWLR_xxx_AVE NWLR_xxx_QA_flag	NWLR_xxx_AVE ---	xxx : 380, 412, 443, 490, 530, 565, 670
PAR_	PAR_AVE PAR_QA_flag	PAR_AVE ---	
Txxx	TAUA_xxx_AVE TAUA_xxx_QA_flag	TAUA_xxx_AVE ---	xxx : 670, 865
---	---	---	
CDOM	CDOM_AVE CDOM_QA_flag	CDOM_AVE ---	
CHLA	CHLA_AVE CHLA_QA_flag	CHLA_AVE ---	
TSM_	TSM_AVE TSM_QA_flag	TSM_AVE ---	
---	---	---	
---	---	---	
SST_	SST_AVE SST_QA_flag	SST_AVE ---	

GCOM-C/SGLI GeoTIFF processing request Output Image data(Cryosphere)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
OKhotsk sea-ice distribution	OKID	OKID	OKID	
Snow and Ice covered area	SICE	SICE	SICE	
Snow and ice surface Temperature・Snow grain size of shallow layer etc. Snow grain size of shallow layer Snow and ice surface Temperature Snow and ice blue-sky albedo	SIPR			
		QA_flag		
		SGSL	SGSL	
		SIST	SIST	
	SALB	SALB		
Statistic: Snow and sea ice coverd area	SICE	SICE_Date	---	
		SICE_Ninput	---	
		SICE_Nsnowx	SICE_Nsnow1	x : 1~3
		SICE_Nused	---	
		SICE_QA_flag	---	
Statistic: snow surface temperature	SIST	SIST_AVE	SIST_AVE	
		SIST_Date	---	
		SIST_MAX	---	
		SIST_MIN	---	
		SIST_Ninput	---	
		SIST_Nused	---	
		SIST_QA_flag	---	
		SIST_RMS	---	
Statistic: Snow grain size of shallow layer	SGSL	SGSL_AVE	SGSL_AVE	
		SGSL_Date	---	
		SGSL_MAX	---	
		SGSL_MIN	---	
		SGSL_Ninput	---	
		SGSL_Nused	---	
		SGSL_QA_flag	---	
		SGSL_RMS	---	
Statistic: Snow and ice blue-sky albedo	SALB	SALB_AVE	SALB_AVE	
		SALB_Date	---	
		SALB_MAX	---	
		SALB_MIN	---	
		SALB_Ninput	---	
		SALB_Nused	---	
		SALB_QA_flag	---	
		SALB_RMS	---	

L3			
Product ID	HDF5 Image_data name	GeoTIFF	value range
---	---	---	
SICE	SICE_Stat	SICE_Stat	EQR(D)
	SICE_QA_flag	---	
---	---	---	
SGSL	SGSL_AVE	SGSL_AVE	EQR(D)
	SGSL_QA_flag	---	
SIST	SIST_AVE	SIST_AVE	EQR(D)
	SIST_QA_flag	---	
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GCOM-C/SGLI GeoTIFF processing request Output Image data(Land)(1/4)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Top of atmosphere radiance	LTOA	Land_water_flag	----	
		Lt_Px_yyy	----	x : 1, 2 yy : 0, m60, p60
		Lt_Pxyy	----	x : I, Q, U yy : 01, 02
		Lt_SWxx	----	xx : 01, 02, 03, 04
		Lt_Tlxx	----	xx : 01, 02
		Lt_VNxx	Lt_VN03	xx : 01~11
		Lt_VNxxP	----	xx : 08, 11
		QA_flag	----	
	Statistic_data_xxx	----	xxx : SWI, TIR, VNI	
Atmospheric corrected reflectance	RSRF	Angstrom	----	
		Land_water_flag	----	
		PAR	----	
		QA_flag	----	
		Rp_PLxx	----	xx : 01, 02
		Rs_Plxx	----	xx : 01, 02
		Rs_SWxx	----	xx : 01, 02, 03, 04
		Rs_VNxx	Rs_VN03	xx : 01~11
		Rs_VNxxP	----	xx : 08, 11
		Tb_Tlxx	----	xx : 01, 02
		SWR	----	
		Tau_500	----	
Vegetation index (Normalized & Enhanced) etc.	VGI	QA_flag	----	
		Enhanced vegetation index	EVI	EVI
		Normalized difference vegetation index	NDVI	NDVI
		Shadow index	SDI	SDI
Fraction of absorbed PAR & Leaf area index	LAI	QA_flag	----	
		Fraction of absorbed PAR	FAPAR	
		Leaf area index	LAI	LAI
			Overstory_LAI	----

L3			
Product ID	HDF5 Image_data name	GeoTIFF	value range
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----	----	----	
----	----	----	
----	----	----	
----	----	----	
RPxx	Rs_Plxx_AVE Rs_Plxx_QA_flag	Rs_Plxx_AVE	xx : 01, 02
RSxx	Rs_SWxx_AVE Rs_VNxx_QA_flag	Rs_SWxx_AVE	xx : 01, 02
RVxx	Rs_VNxx_AVE Rs_VNxx_QA_flag	Rs_VNxx_AVE	xx : 01~11
RNxx	Rs_VNxxP_AVE Rs_VNxxP_QA_flag	Rs_VNxxP_AVE	xx : 08, 11
RTxx	Tb_Tlxx_AVE Tb_Tlxx_QA_flag	Tb_Tlxx_AVE	
----	----	----	
----	----	----	
SNZV	Sensor_zenith_AVE Sensor_zenith_QA_flag	Sensor_zenith_AVE	
SNZx	Sensor_zenith_yy_AVE Sensor_zenith_yy_QA_flag	Sensor_zenith_yy_AVE	x : I, P yy : IR, PL
SLZx	Solar_zenith_AVE Solar_zenith_QA_flag	Solar_zenith_AVE	x : I, V
SLZP	Solar_zenith_PL_AVE Solar_zenith_PL_QA_flag	Solar_zenith_PL_AVE	
RLAV	Absolute_relative_azimuth_AVE Absolute_relative_azimuth_QA_flag	Absolute_relative_azimuth_AVE	
RLAx	Absolute_relative_azimuth_yy_AVE Absolute_relative_azimuth_yy_QA_flag	Absolute_relative_azimuth_yy_AVE	x : I, P yy : IR, PL
----	----	----	
----	----	----	
EVI	EVI_AVE EVI_QA_flag	EVI_AVE	
NDVI	NDVI_AVE NDVI_QA_flag	NDVI_AVE	
SDI	SDI_AVE SDI_QA_flag	SDI_AVE	
----	----	----	
----	----	----	
FAPAR	FAPAR_AVE FAPAR_QA_flag	FAPAR_AVE	
LAI	LAI_AVE LAI_QA_flag	LAI_AVE	
----	----	----	

GCOM-C/SGLI GeoTIFF processing request Output Image data(Land)(2/4)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2				
	Product ID	HDF5 Image_data name	GeoTIFF	value range	
Above-ground biomass - Vegetation roughness index	AGB_	QA_flag	----		
		Above-ground biomass	AGB	AGB	
		Vegetation roughness index	VRI	----	
Land surface temperature	LST_	QA_flag	----		
		Land surface temperature	LST	LST	xx : 01, 02
Statistic: Normalized difference vegetation index	NDVI	NDVI_AVE	NDVI_AVE		
		NDVI_Date	----		
		NDVI_yyy	----	yyy : MAX, MIN	
		NDVI_yyyyyy	----	yyyyyy : Ninput, Nused	
		NDVI_QA_flag	----		
		NDVI_RMS	----		
Statistic: Enhanced vegetation index	EVI_	EVI_AVE	EVI_AVE		
		EVI_Date	----		
		EVI_yyy	----	yyy : MAX, MIN	
		EVI_yyyyyy	----	yyyyyy : Ninput, Nused	
		EVI_QA_flag	----		
		EVI_RMS	----		
Statistic: Shadow index	SDI_	SDI_AVE	SDI_AVE		
		SDI_Date	----		
		SDI_yyy	----	yyy : MAX, MIN	
		SDI_yyyyyy	----	yyyyyy : Ninput, Nused	
		SDI_QA_flag	----		
		SDI_RMS	----		
Statistic: Fraction of absorbed PAR	FPAR	FAPAR_AVE	FAPAR_AVE		
		FAPAR_Date	----		
		FAPAR_yyy	----	yyy : MAX, MIN	
		FAPAR_yyyyyy	----	yyyyyy : Ninput, Nused	
		FAPAR_QA_flag	----		
		FAPAR_RMS	----		
Statistic: Leaf area index	LAI_	LAI_AVE	LAI_AVE		
		LAI_Date	----		
		LAI_yyy	----	yyy : MAX, MIN	
		LAI_yyyyyy	----	yyyyyy : Ninput, Nused	
		LAI_QA_flag	----		
		LAI_RMS	----		
Statistic: Above-ground biomass	AGB_	AGB_AVE	AGB_AVE		
		AGB_Date	----		
		AGB_yyy	----	yyy : MAX, MIN	
		AGB_yyyyyy	----	yyyyyy : Ninput, Nused	
		AGB_QA_flag	----		
		AGB_RMS	----		
Statistic: Vegetation roughness index	VRI_	VRI_AVE	VRI_AVE		
		VRI_Date	----		
		VRI_yyy	----	yyy : MAX, MIN	
		VRI_yyyyyy	----	yyyyyy : Ninput, Nused	
		VRI_QA_flag	----		
		VRI_RMS	----		

L3			
Product ID	HDF5 Image_data name	GeoTIFF	value range
----	----	----	
AGB_	AGB_AVE	AGB_AVE	
	AGB_QA_flag	----	
VRI_	VRI_AVE	VRI_AVE	
	VRI_QA_flag	----	
----	----	----	
----	----	----	
LST_	LST_AVE	LST_AVE	
	LST_QA_flag	----	

GCOM-C/SGLI GeoTIFF processing request Output Image data(Land)(3/4)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Statistic: Land surface temperature	LST_	LST_AVE	LST_AVE	
		LST_Date	----	
		LST_yyy	----	yyy : MAX, MIN
		LST_yyyyyy	----	yyyyyy : Ninput, Nused
		LST_QA_flag	----	
		LST_RMS	----	
Statistic: Atmospheric corrected reflectance	RVxx	Rs_VNxx_AVE	Rs_VNxx_AVE	xx : 01~11
		Rs_VNxx_yy	----	xx : 01~11 yy : c0, c1, c2
		Rs_VNxx_Date	----	xx : 01~11
		Rs_VNxx_yyy	----	xx : 01~11 yyy : MAX, MIN
		Rs_VNxx_yyyyyy	----	xx : 01~11 yyyyyy : Ninput, Nused
		Rs_VNxx_QA_flag	----	xx : 01~11
	RSxx	Rs_SWxx_AVE	Rs_SWxx_AVE	xx : 01~04
		Rs_SWxx_yy	----	xx : 01~04 yy : c0, c1, c2
		Rs_SWxx_Date	----	xx : 01~04
		Rs_SWxx_yyy	----	xx : 01~04 yyy : MAX, MIN
		Rs_SWxx_yyyyyy	----	xx : 01~04 yyyyyy : Ninput, Nused
		Rs_SWxx_QA_flag	----	xx : 01~04
	RTxx	Rs_SWxx_RMS	----	xx : 01~04
		Tb_Tlxx_AVE	Tb_Tlxx_AVE	xx : 01~02
		Tb_Tlxx_yy	----	xx : 01~02 yy : c0, c1, c2
		Tb_Tlxx_Date	----	xx : 01~02
		Tb_Tlxx_yyy	----	xx : 01~02 yyy : MAX, MIN
		Tb_Tlxx_yyyyyy	----	xx : 01~02 yyyyyy : Ninput, Nused
	GEOx	Tb_Tlxx_QA_flag	----	xx : 01~02
		Tb_Tlxx_RMS	----	xx : 01~02
		GEOx_Date	----	x : V, I, P
		GEOx_yyyyyy	----	x : V, I, P yyyyyy : Ninput, Nused
		GEOx_QA_flag	----	x : V, I, P
		Relative_azimuth_yyy	----	yyy : AVE, MAX, MIN
	RNxx	Sensor_zenith_yyy	----	yyy : AVE, MAX, MIN
		Solar_zenith_yyy	Solar_zenith_AVE	yyy : AVE, MAX, MIN
		Rs_VNxxP_AVE	Rs_VNxxP_AVE	xx : 08, 11
		Rs_VNxxP_yy	----	xx : 08, 11 yy : c0, c1, c2
		Rs_VNxxP_Date	----	xx : 08, 11
		Rs_VNxxP_yyy	----	xx : 08, 11 yyy : MAX, MIN
	RPxx	Rs_VNxxP_yyyyyy	----	xx : 08, 11 yyyyyy : Ninput, Nused
		Rs_VNxxP_QA_flag	----	xx : 08, 11
		Rs_VNxxP_RMS	----	xx : 08, 11
		Rs_Plxx_AVE	Rs_Plxx_AVE	xx : 01~02
		Rs_Plxx_yy	----	xx : 01~02 yy : c0, c1, c2
		Rs_Plxx_Date	----	xx : 01~02
	SWR_	Rs_Plxx_yyy	----	xx : 01~02 yyy : MAX, MIN
		Rs_Plxx_yyyyyy	----	xx : 01~02 yyyyyy : Ninput, Nused
		Rs_Plxx_QA_flag	----	xx : 01~02
		Rs_Plxx_RMS	----	xx : 01~02
		SWR_AVE	SWR_AVE	
		SWR_Date	----	
SWR_yyy	----	yyy : MAX, MIN		
SWR_yyyyyy	----	yyyyyy : Ninput, Nused		
SWR_QA_flag	----			
SWR_RMS	----			

GCOM-C/SGLI GeoTIFF processing request Output Image data(Land)(4/4)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Statistic: Top of atmosphere radiance	LTOA	Lt_Pxyy	---	x : I, Q, U yy : 01, 02
		Lt_SWxx	---	xx : 01, 02, 03, 04
		Lt_Tlxx	---	xx : 01, 02
		Lt_VNxx	Lt_VN03	xx : 01~11
		Lt_VNxxP	---	xx : 08, 11
		QA_flag	---	

GCOM-C/SGLI GeoTIFF processing request Output Image data(Atmosphere)(1/2)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Cloud flag	CLFG	Cloud_flag	Cloud_flag	
Classified cloud fraction etc.	CLPR	QA_flag	---	
Effective radius of water or ice cloud		CLER_x	CLER_I	x : I, W
Optical thickness of water or ice cloud		CLOT_x	CLOT_x	x : I, W
Height of cloud top layer		CLTH	CLTH	
Temperature of cloud top layer		CLTT	---	
Classified cloud fraction		CLTYPE	---	
Aerosol properties using numerical prediction		ARNP	QA_flag	---
Aerosol optical thickness	AROT		AROT	
Aerosol angstrom exponent	AROT_uncertainty		---	
Aerosol single scattering albedo	ARAE		ARAE	
	ARAE_uncertainty		---	
	ASSA		ASSA	
	ASSA_uncertainty		---	
Global: Top of atmosphere radiance (Cloud-free)	LCLR	Cloud_flag	---	
		Land_water_flag	---	
		Lt_Px_yyy	---	x : 1, 2 yyy : 0, m60, p60
		Lt_Pxyy	---	x : I, Q, U yy : 01, 02
		Lt_SWxx	---	x : 01, 02, 03, 04
		Lt_Tlxx	---	x : 01, 02
		Lt_VNxx	---	x : 01~11
		Lt_VNxxP	---	x : 01, 02
		QA_flag	---	
		Statistic_data_xxx	---	xxx : SWI, TIR, VNI
Global: Top of atmosphere radiance	LTOA	Land_water_flag	---	
		Lt_Px_yyy	---	x : 1, 2 yyy : 0, m60, p60
		Lt_Pxyy	---	x : I, Q, U yy : 01, 02
		Lt_SWxx	---	x : 01, 02, 03, 04
		Lt_Tlxx	---	x : 01, 02
		Lt_VNxx	---	x : 01~11
		QA_flag	---	
		Statistic_data_xxx	---	xxx : SWI, TIR, VNI
Global: Cloud flag	CLFG	Cloud_flag	---	

L3			
Product ID	HDF5 Image_data name	GeoTIFF	value range
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---	---	---	---
CERW	CLER_W_AVE	CLER_W_AVE	
	CLER_W_QA_flag	---	
GOTx	CLOT_x_AVE	CLOT_x_AVE	x : I, W
	CLOT_x_QA_flag	---	
CLTH	CLTH_AVE	CLTH_AVE	
	CLTH_QA_flag	---	
CLTT	CLTT_AVE	CLTT_AVE	
	CLTT_QA_flag	---	
CFRx	CFRx_Stat	CFRx_Stat	x : 1~9, A, H, M, L
	CFRx_QA_flag	---	
---	---	---	---
---	---	---	---
AROT	AROT_AVE	AROT_AVE	
	AROT_QA_flag	---	
---	---	---	---
ARAE	ARAE_AVE	ARAE_AVE	
	ARAE_QA_flag	---	
---	---	---	---
ASSA	ASSA_AVE	ASSA_AVE	
	ASSA_QA_flag	---	
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GCOM-C/SGLI GeoTIFF processing request Output Image data(Atmosphere)(2/2)

※Symbols of projection methods X : EQA(non mapped), N : PS-North, S : PS-South are not subject to output.

2022/12/09

Physical quantity etc.	L2			
	Product ID	HDF5 Image_data name	GeoTIFF	value range
Global: Classified cloud fraction etc.	CLPR	QA_flag	----	
		CLER_x	----	x : I, W
		CLOT_x	----	x : I, W
		CLTx	----	x : H, T
		CLTYPE	----	
Global: Aerosol properties using numerical prediction	ARNP	QA_flag	----	
		AROT	----	
		AROT_uncertainty	----	
		ARAE	----	
		ARAE_uncertainty	----	
		ASSA	----	
		ASSA_uncertainty	----	