SGLI Standard monitor Data list

The data availability and monitorability varies depending on the physical quantity, so please check the symbols in the table.

◎Data・Monitor、○Data、●Monitor

Product	ID	mode	Observation Image																		Anomaly								Climatology			
		area	Global						Japan						Polar Stereo						Global				Japan				Global		Japan	
		term	1D		8D		1M		1D		8D		1M		1D		8D		1M		8D		1M		8D		1M		1M		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	D	A	D	A	D
Land Surface Temperature	LST		◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	●	●	●	●	●	●	●	●	○	○	○	○
Normalized Difference Vegetation Index	NDVI		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	◎	◎	◎	◎	◎	◎	-	●	-	●	-	●	-	●	-	○	-	○
Leaf Area Index	LAI		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Above Ground Biomass	AGB		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fraction of Absorbed Photosynthetically Active Radiation	FPAR		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance RGB	RSRF		●	●	●	●	●	●	-	●	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Normalized water leaving radiance RGB	NWLR		●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Photosynthetically available radiation	PAR		-	-	-	-	-	-	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sea Surface Temperature	SST		◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	●	●	●	●	●	●	●	●	○	○	○	○
Chlorophyll-a concentration	CHLA		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	●	-	●	-	●	-	●	-	○	-	○
Total suspended matter	TSM		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colored dissolved organic matter	CDOM		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top-of-atmosphere radiance RGB	LTOA		●	●	●	●	●	●	-	●	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aerosol Optical Thickness over Land and Ocean	AROT		◎	◎	-	◎	-	◎	-	◎	-	◎	-	◎	◎	◎	◎	◎	◎	◎	-	●	-	●	-	●	-	●	-	○	-	○
Aerosol_Angstrom_Exponent over Land	ARAE		-	-	-	-	-	-	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Single_Scattering_Albedo over Land and Ocean	ASSA		-	-	-	-	-	-	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shortwave radiation	SWR		-	◎	-	◎	-	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	●	-	●	-	●	-	●	-	○	-	○
Temperature of CLoud Top layer	CLTT		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Optical Thickness of water cloud droplets	COTW		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Product	ID	mode	Observation Image																		Anomaly								Climatology			
		area	Global						Japan						Polar Stereo						Global				Japan				Global		Japan	
		term	1D		8D		1M		1D		8D		1M		1D		8D		1M		8D		1M		8D		1M		1M		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	D	A	D	A	D
Cloud type composite	CFRG		●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cloud type composite	CLTP		-	-	-	-	-	-	-	◎	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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		◎	◎	◎	◎	◎	◎	-	◎	-	◎	-	◎	◎	◎	◎	◎	◎	◎	-	-	-	-	-	-	-	-	-	-	-	-

Product	ID	mode	Observation Image																		Anomaly								Climatology			
		area	Global						Japan						Polar Stereo						Global				Japan				Global		Japan	
		term	1D		8D		1M		1D		8D		1M		1D		8D		1M		8D		1M		8D		1M		1M		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	D	A	D	A	D
Normalized water leaving radiance	Lxxx		○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top of atmosphere (TOA) radiance	LIxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top of atmosphere (TOA) radiance	LRAx		○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top of atmosphere (TOA) radiance	LSxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top of atmosphere (TOA) radiance	LTxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Top of atmosphere (TOA) radiance	LVxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance	RNxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance	RPxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance	RSxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance	RTxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmospheric corrected reflectance	RVxx		○	○	○	○	○	○	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Absolute relative azimuth	RLAx		○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solar zenith	SLZx		○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sensor zenith	SNZx		○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Land Atmospheric Corrected Reflectance	GEOx		-	-	-	-	-	-	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sensor・Solar/azimuth・zenith	LGEx		-	-	-	-	-	-	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-