

JASMES Image Analyzer Product List

The products displayed on this homepage are as follows.

		ID	sensor	Temporal Statistics						Available data period	Note
				daily	8-day	half monthly	monthly	8-day anomaly	monthly anomaly		
Land	Land Surface Temperature	LST	Terra/MODIS	○	-	-	-	-	-	2011/1/1~	
			Aqua/MODIS	○	-	-	-	-	-	2011/1/1~	
			GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	Activity of Vegetation (NDVI)	NDVI	Terra and Aqua/MODIS	-	-	○	○	-	-	2000/3~	
			GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	Rayleigh corrected reflectance RGB	RSRF	Terra and Aqua/MODIS	○	-	○	○	-	-	Daily:2011/1/1~	
	Plant Water Stress Trend (WST)	WST	Terra and Aqua/MODIS	○	-	○	○	-	-	Daily:2002/10/1~、Monthly:2002/2~	
	Wild Fire Daytime	WF_D	GCOM/SGLI	○	-	-	-	-	-	2018/1/1~	
	Wild Fire(FRP) Nighttime	WF_N	GCOM/SGLI	○	-	-	-	-	-	2018/1/1~	
	Total Evapotranspiration	ET	GCOM/SGLI	-	○	○	○	○	○	2018/1/1~	
			Terra and Aqua/MODIS	-	○	○	○	○	○		
Ocean	Photosynthetically Available Radiation	PAR	Terra and Aqua/MODIS	○	-	○	○	-	-	Daily:2013/10/1~、Monthly:2000/3~	
			VIIRS	○	-	-	○	-	-	2017~	
	Sea Surface Temperature	SST	Terra/MODIS	○	-	-	-	-	-	2010/1/1~	
			Aqua/MODIS	○	-	-	-	-	-	2010/1/1~	
			VIIRS	○	-	-	○	-	-	2017~	
			GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	Ocean and Land Surface Temperature	OLST	Terra and Aqua/MODIS	○	-	○	○	-	-	Daily:2011/1/1~、Monthly:2000/3~	
	Phytoplankton abundance (Chlorophyll-a)	CHLA	Terra and Aqua/MODIS	-	-	○	○	-	-	2000/3~	
			VIIRS	○	-	-	○	-	-	2017~	
			GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	Ocean Current	-	SGLI + OLCI	○	-	-	-	-	-	2018/1~	
Atmosphere	Aerosol Optical thickness	TAUA	Terra and Aqua/MODIS	○	-	○	○	-	-	Daily:2011/10/1~、Monthly:2000/3~	
			VIIRS	○	-	-	○	-	-	2017~	
		AROT	GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	Shortwave Radiation	SWR	Terra/MODIS	○	-	○	-	-	-	Daily:2002/1/1~、Monthly:2000/3~	
			Aqua/MODIS	○	-	○	-	-	-	Daily:2002/1/1~、Monthly:2002/7~	
			VIIRS	○	-	-	○	-	-	2017~	
			GCOM/SGLI	○	○	-	○	○	○	2018/1/1~	
	UV-B	UVB	Terra/MODIS	○	-	○	-	-	-	Daily:2002/1/1~、Monthly:2000/3~	
			Aqua/MODIS	○	-	○	-	-	-	Daily:2002/1/1~、Monthly:2002/7~	
			VIIRS	○	-	-	○	-	-	2017~	
	Cloud Cover Rate	CFR	Terra and Aqua/MODIS	-	-	-	○	-	-	2000/2~	
Cryosphere	Snow Cover Extent	CSF	Terra and Aqua/MODIS	-	-	-	○	-	○	2000/2~	
			SGLI + VIIRS	○	-	○	○	-	○	2018/2/1~	
	Snow and Ice Surface Temperature	SIST	GCOM/SGLI	○	-	○	○	-	-	2018/1/1~	

JASMES Image Analyzer Data List

The data provided on this website are as follows. "show climate" can also display climate values when graphs are displayed.

No	Web page	Area	resolution	Sensor	Category	Product	format	show climate	Daily	Weekly	Monthly	8-day	
1	SGLI Standard data	Global	5km	GCOM-C/SGLI	Atmosphere	AROT	Aerosol Optical Thickness over Land and Ocean at 500 nm	netCDF	○	○	-	○	○
2	SGLI Standard data	Global	5km	GCOM-C/SGLI	Atmosphere	SWR_	Shortwave Radiation	netCDF	○	○	-	○	○
3	SGLI Standard data	Global	5km	GCOM-C/SGLI	Ocean	SST_	Sea Surface Temperature	netCDF	○	○	-	○	○
4	SGLI Standard data	Global	5km	GCOM-C/SGLI	Land	LST_	Land Surface Temperature	netCDF	○	○	-	○	○
5	SGLI Standard data	Global	5km	GCOM-C/SGLI	Land	NDVI_	Activity of Vegetation (NDVI)	netCDF	○	○	-	○	○
6	SGLI Standard data	Global	5km	GCOM-C/SGLI	Cryosphere	SIST_	Snow and Ice Surface Temperature	netCDF	-	○	-	○	○
7	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Atmosphere	AROT	Aerosol Optical Thickness over Land and Ocean at 500 nm	netCDF	○	○	-	○	○
8	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Atmosphere	SWR_	Shortwave Radiation	netCDF	○	○	-	○	○
9	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Ocean	SST_	Sea Surface Temperature	netCDF	○	○	-	-	-
10	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Land	LST_	Land Surface Temperature	netCDF	○	○	-	○	○
11	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Land	NDVI	Activity of Vegetation (NDVI)	netCDF	○	○	-	○	○
12	SGLI Standard data	Japan	250m	GCOM-C/SGLI	Cryosphere	SIST_	Snow and Ice Surface Temperature	netCDF	-	○	-	○	○
13	JASMES Viewer - Map	Global	250m	GCOM-C/SGLI	Land	WFRP	Wild Fire Radiative Power	csv	-	○	-	-	-
14	JASMES	Global	5km	Terra・Aqua/MODIS	Atmosphere	par	Photosynthetically Available Radiation	binary	-	○	-	○	-
15	JASMES	Global	5km	Terra・Aqua/MODIS	Atmosphere	taua	Aerosol abundance (Optical thickness)	binary	-	○	-	○	-
16	JASMES	Global	5km	Terra・Aqua/MODIS	Atmosphere	swr	Shortwave Radiation	binary	-	○	-	○	-
17	JASMES	Global	5km	Terra・Aqua/MODIS	Atmosphere	uvb	UV-B	binary	-	○	-	○	-
18	JASMES	Global	5km	Terra・Aqua/MODIS	Ocean	sst	Sea Surface Temperature	binary	-	○	-	-	-
19	JASMES	Global	5km	Terra・Aqua/MODIS	Ocean	olst	Ocean and Land Surface Temperature	binary	-	○	-	○	-
20	JASMES	Global	5km	Terra・Aqua/MODIS	Ocean	chla	Phytoplankton abundance (Chlorophyll-a)	binary	-	○	-	○	-
21	JASMES	Global	5km	Terra・Aqua/MODIS	Land	lst	Land Surface Temperature	binary	-	○	-	-	-
22	JASMES	Global	5km	Terra・Aqua/MODIS	Land	ndvi	Activity of Vegetation (NDVI)	binary	-	○	-	○	-
23	JASMES	Global	5km	Terra・Aqua/MODIS	Land	wst	Plant Water Stress Trend	binary	-	-	-	○	-
24	JASMES	Global	5km	Terra・Aqua/MODIS	Cryosphere	snwcfrr_JXM10	Long-term Snow Cover Extent using MODIS (Terra-Aqua)	binary	-	○	-	○	-
25	JASMES	Global	5km	Terra・Aqua/MODIS	RGB	rgb	Rayleigh corrected reflectance RGB	binary	-	○	-	○	-
26	JASMES	Global	5km	VIIRS	Atmosphere	par	Photosynthetically Available Radiation	netCDF	-	○	-	○	-
27	JASMES	Global	5km	VIIRS	Atmosphere	taua	Aerosol abundance (Optical thickness)	netCDF	-	○	-	○	-
28	JASMES	Global	5km	VIIRS	Atmosphere	swr	Shortwave Radiation	netCDF	-	○	-	○	-
29	JASMES	Global	5km	VIIRS	Atmosphere	uvb	UV-B	netCDF	-	○	-	○	-
30	JASMES	Global	5km	VIIRS	Ocean	sst	Sea Surface Temperature	netCDF	-	○	-	○	-
31	JASMES	Global	5km	VIIRS	Ocean	chla	Phytoplankton abundance (Chlorophyll-a)	binary	-	○	-	○	-
32	JASMES	Global	5km	SGLI + VIIRS	Cryosphere	snwcfrr_JXM10	Long-term Snow Cover Extent	HDF4	-	○	-	○	-
33	JASMES	Japan	1km	Terra・Aqua/MODIS	Atmosphere	par	Photosynthetically Available Radiation	binary	-	○	-	○	-
34	JASMES	Japan	1km	Terra・Aqua/MODIS	Atmosphere	taua	Aerosol abundance (Optical thickness)	binary	-	○	-	○	-
35	JASMES	Japan	1km	Terra・Aqua/MODIS	Atmosphere	swr	Shortwave Radiation	binary	-	○	-	○	-
36	JASMES	Japan	1km	Terra・Aqua/MODIS	Atmosphere	uvb	UV-B	binary	-	○	-	○	-
37	JASMES	Japan	1km	Terra・Aqua/MODIS	Ocean	sst	Sea Surface Temperature	binary	-	○	-	○	-
38	JASMES	Japan	1km	Terra・Aqua/MODIS	Ocean	olst	Ocean and Land Surface Temperature	binary	-	○	-	○	-
39	JASMES	Japan	1km	Terra・Aqua/MODIS	Ocean	chla	Phytoplankton abundance (Chlorophyll-a)	binary	-	○	-	○	-
40	JASMES	Japan	1km	Terra・Aqua/MODIS	Land	ndvi	Activity of Vegetation (NDVI)	binary	-	○	-	○	-
41	JASMES	Japan	1km	Terra・Aqua/MODIS	Land	wst	Plant Water Stress Trend	binary	-	-	○	○	-
42	JASMES	Japan	1km	Terra・Aqua/MODIS	Cryosphere	snwcfrr	Snow Cover Extent, and Cloud Cover Rate	binary	-	○	○	○	-
43	JASMES	Japan	1km	Terra・Aqua/MODIS	RGB	rgb	Rayleigh corrected reflectance RGB	binary	-	○	-	○	-
44	JASMES	Japan	750m	VIIRS	Atmosphere	par	Photosynthetically Available Radiation	netCDF	-	○	-	○	-
45	JASMES	Japan	750m	VIIRS	Atmosphere	taua	Aerosol abundance (Optical thickness)	netCDF	-	○	-	○	-
46	JASMES	Japan	750m	VIIRS	Atmosphere	swr	Shortwave Radiation	netCDF	-	○	-	○	-
47	JASMES	Japan	750m	VIIRS	Atmosphere	uvb	UV-B	netCDF	-	○	-	○	-
48	JASMES	Japan	750m	VIIRS	Ocean	sst	Sea Surface Temperature	netCDF	-	○	-	○	-
49	JASMES	Japan	750m	VIIRS	Ocean	chla	Phytoplankton abundance (Chlorophyll-a)	netCDF	-	○	-	○	-