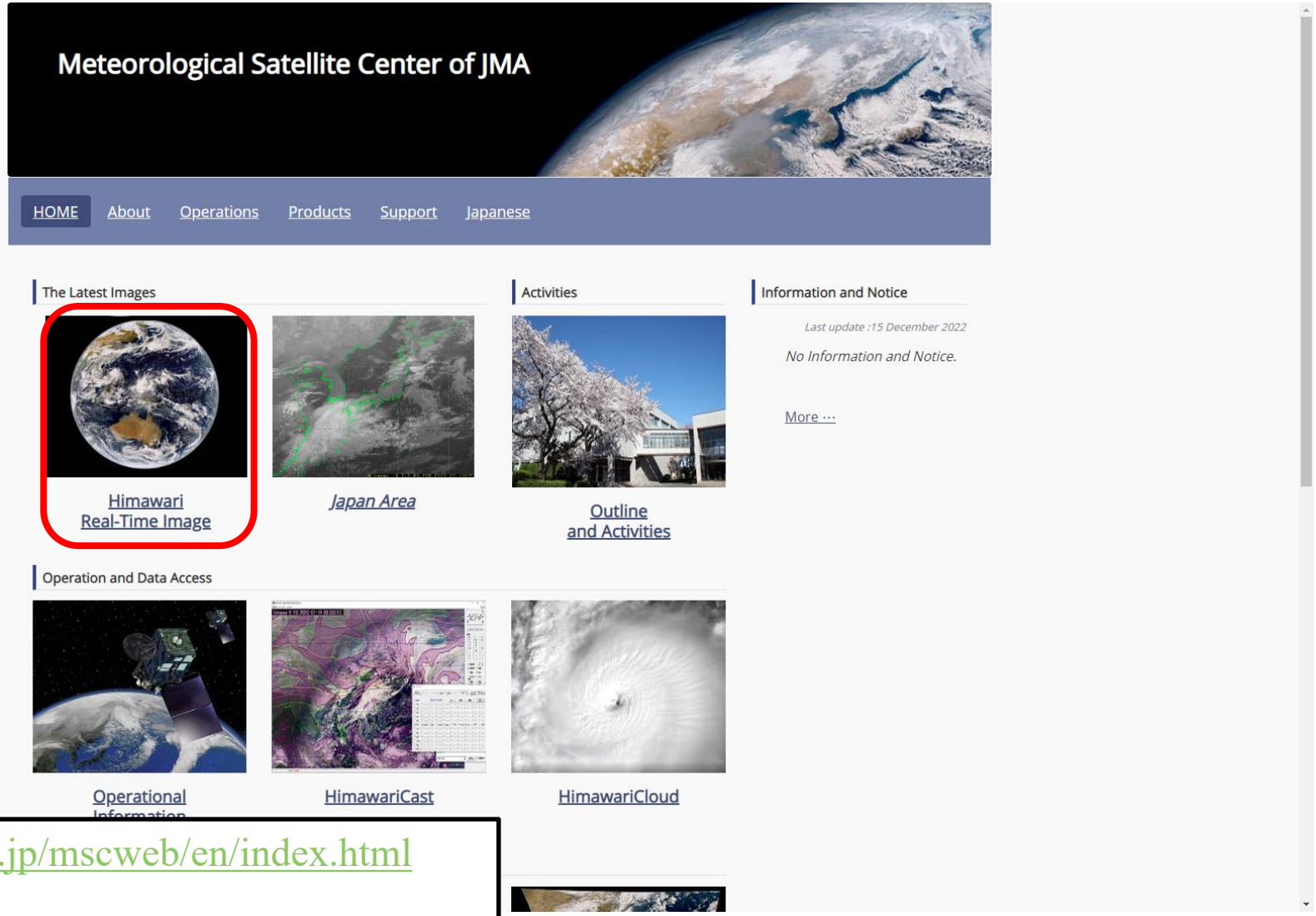
Introduction of Realtime RGB images on MSC/JMA website

Meteorological Satellite Center (MSC) of JMA

Introduction of MSC/JMA website



https://www.data.jma.go.jp/mscweb/en/index.html
search “JMA MSC”

Himawari Real-Time RGB Images

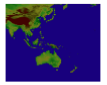
HOME | About | Operations | Products | Supports | Japanese

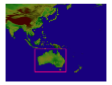
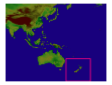
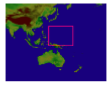
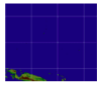
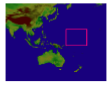
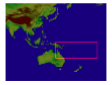
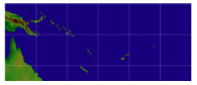
HOME > Real-Time Image

Real-Time Image

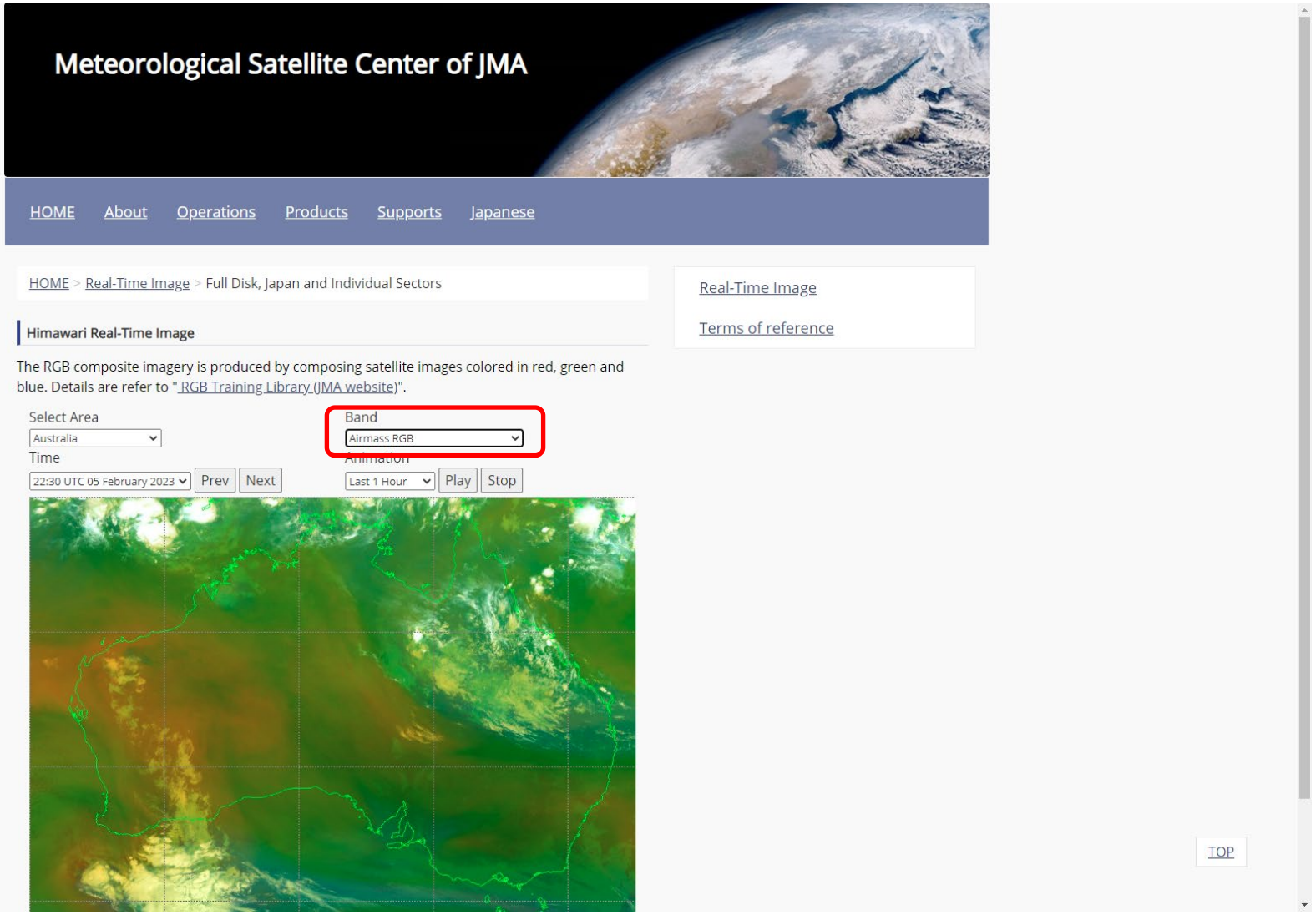
Terms of reference

Real-Time Image

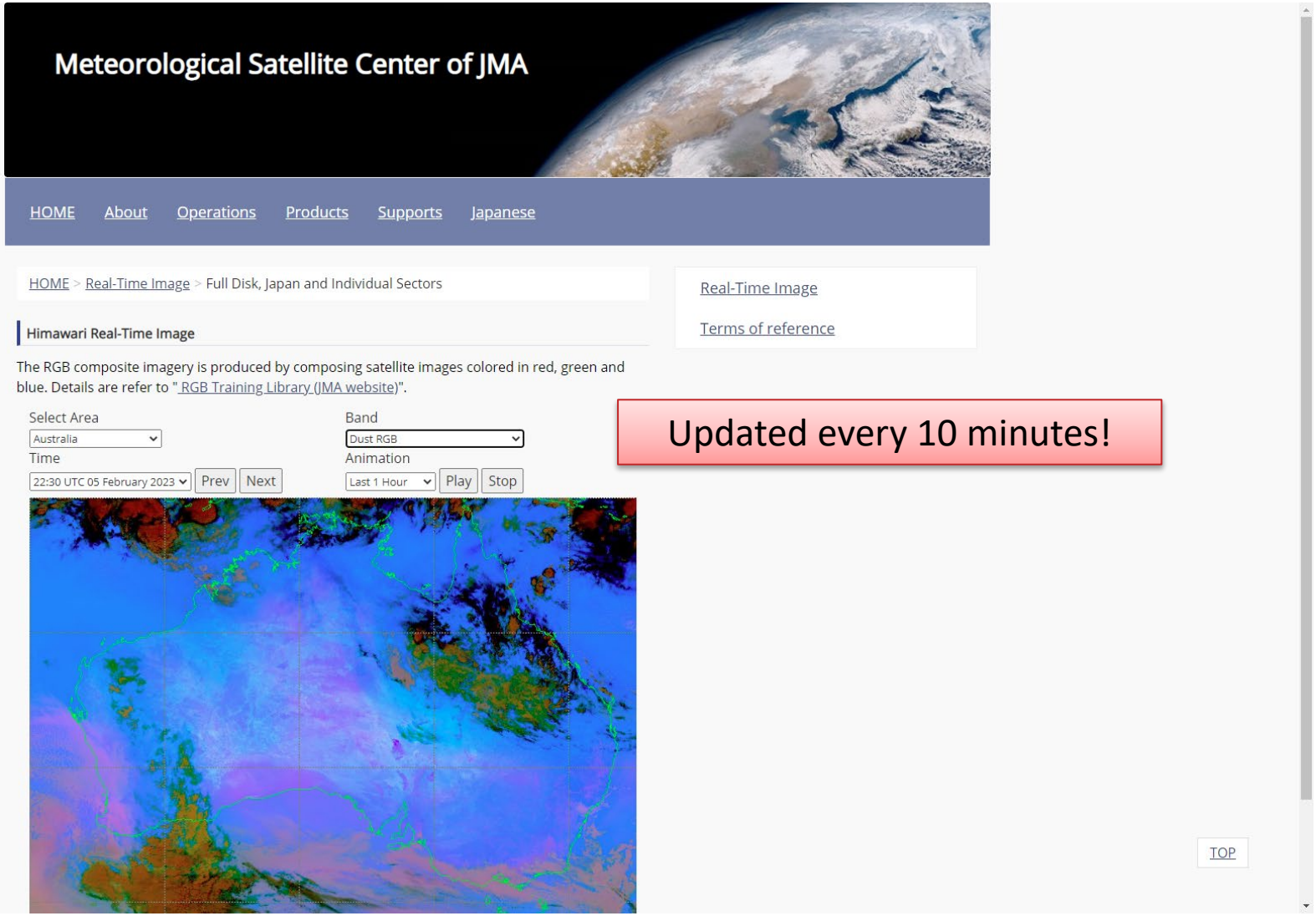
Region			File Index
Full Disk			
Full disk			Filelist

Region			File Index
Oceania , Pacific Islands			
Australia (110 E, 10 S - 155 E, 45 S)			Filelist
New Zealand (155 E, 25 S - 170 W, 60 S)			Filelist
Pacific Islands 1 (130 E, 25 N - 65 E, 5 S)			Filelist
Pacific Islands 2 (155 E, 20 N - 175 W, 5 S)			Filelist
Pacific Islands 3 (140 E, 0 - 160 W, 25 S)			Filelist

Himawari Real-Time RGB Images

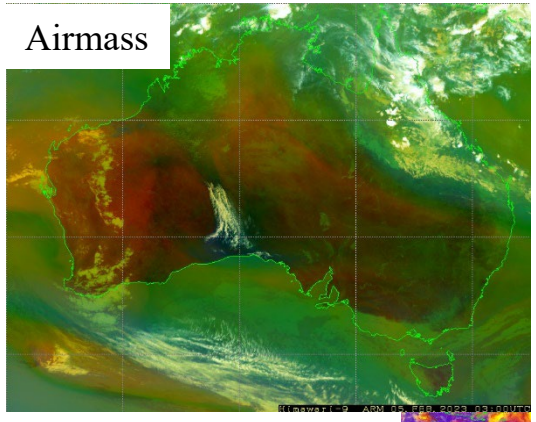


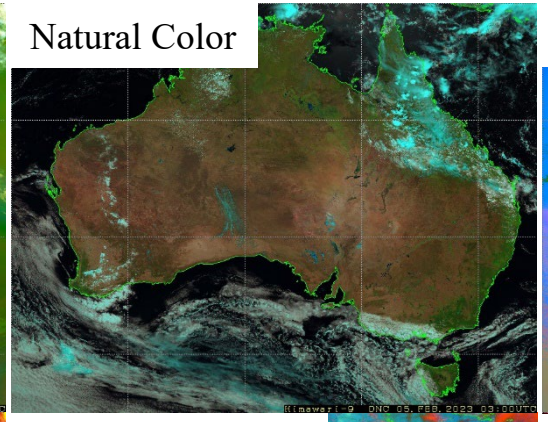
Himawari Real-Time RGB Images

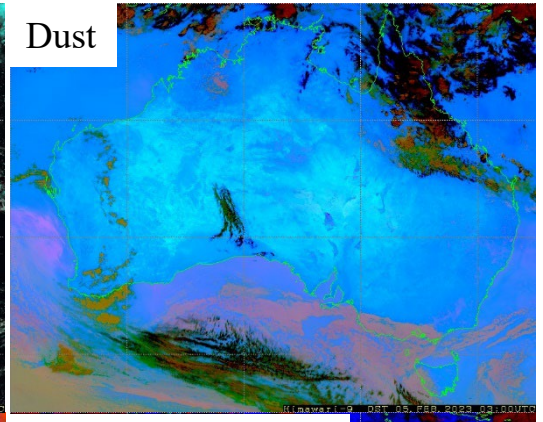


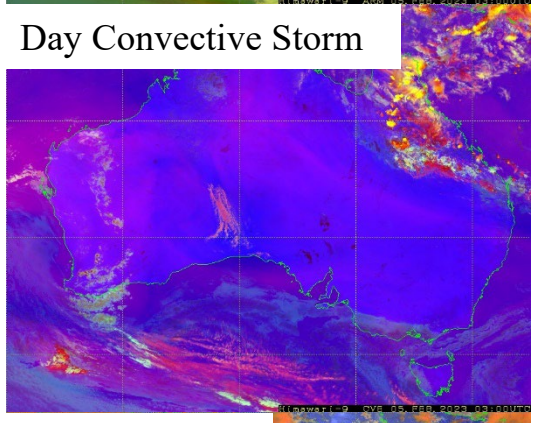
Updated every 10 minutes!

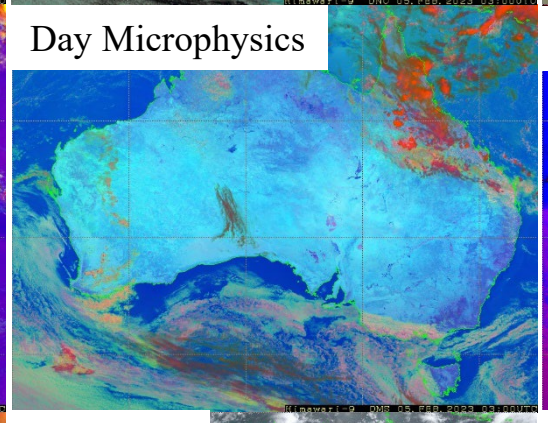
Real-time RGB images (and others) on JMA/MSC website

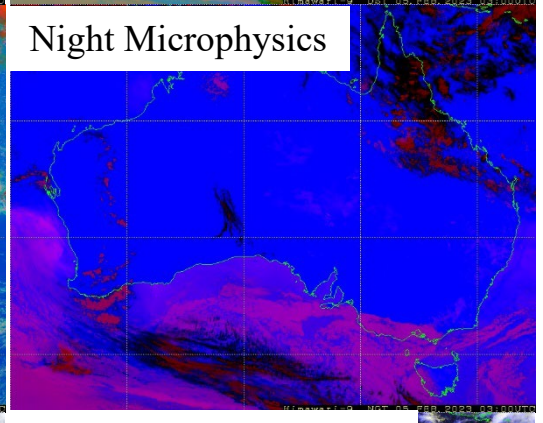


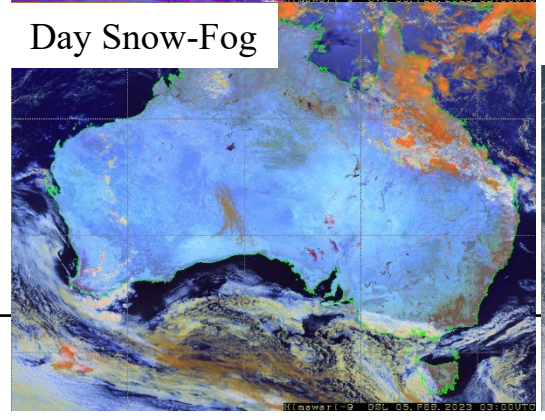


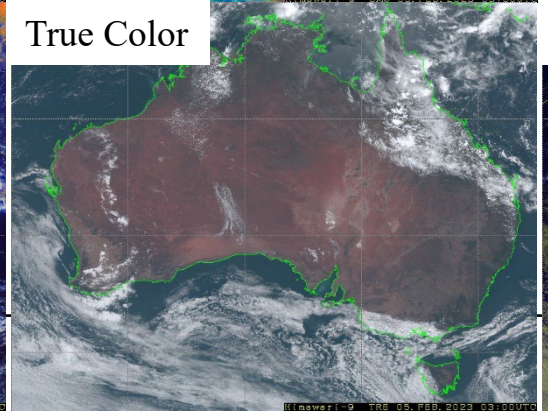


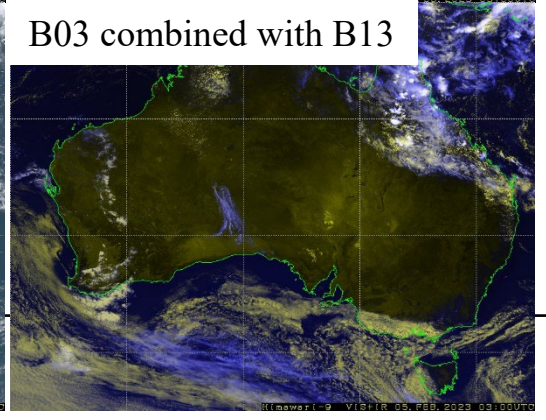






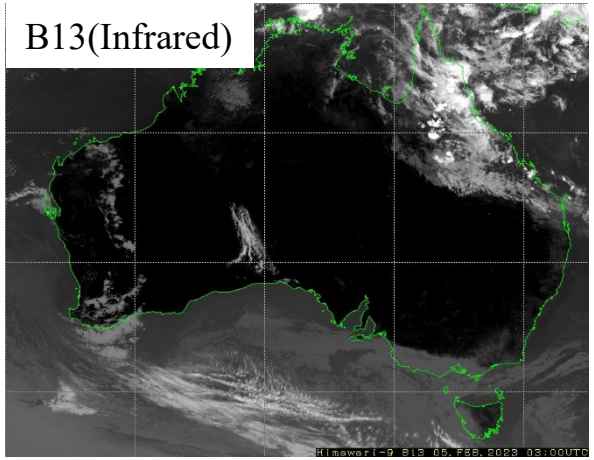




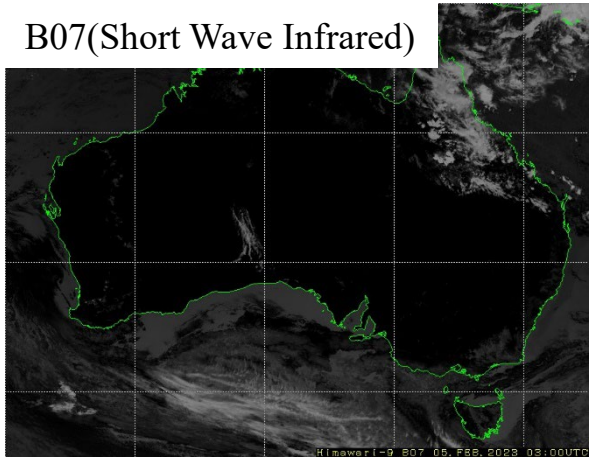


Real-time RGB images (and others) on JMA/MSC website

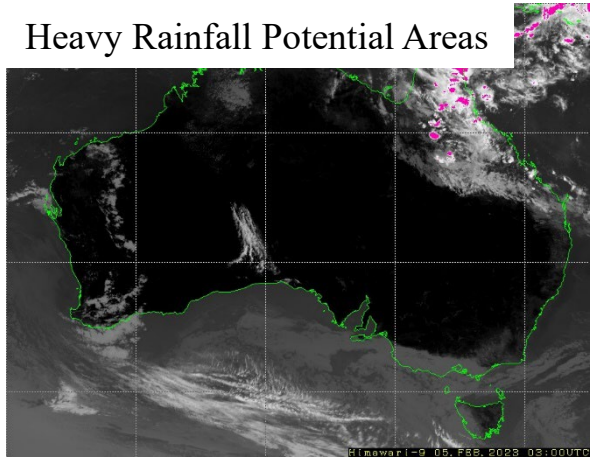
B13(Infrared)



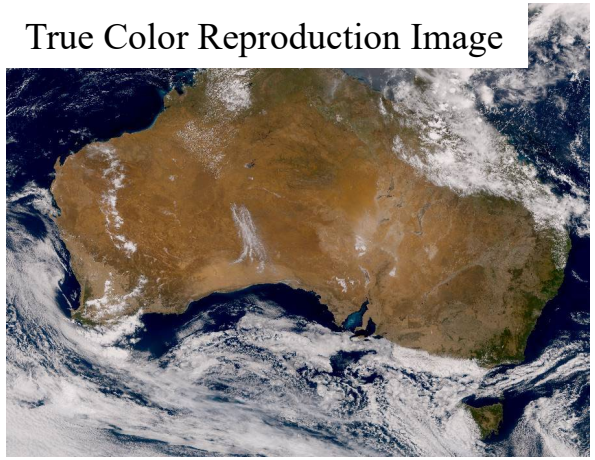
B07(Short Wave Infrared)



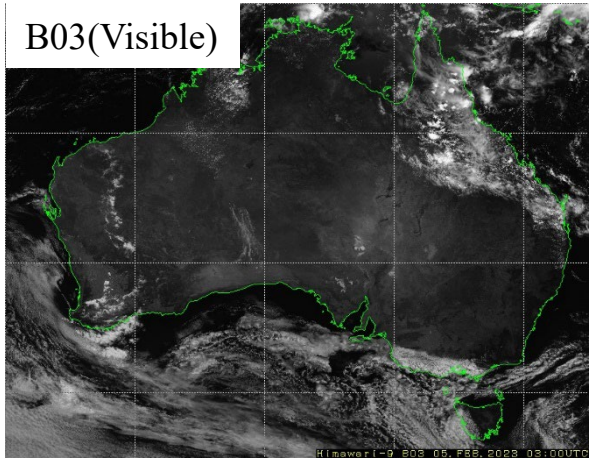
Heavy Rainfall Potential Areas



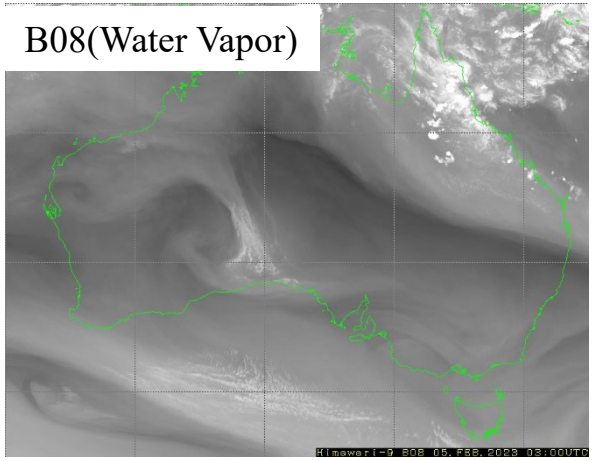
True Color Reproduction Image



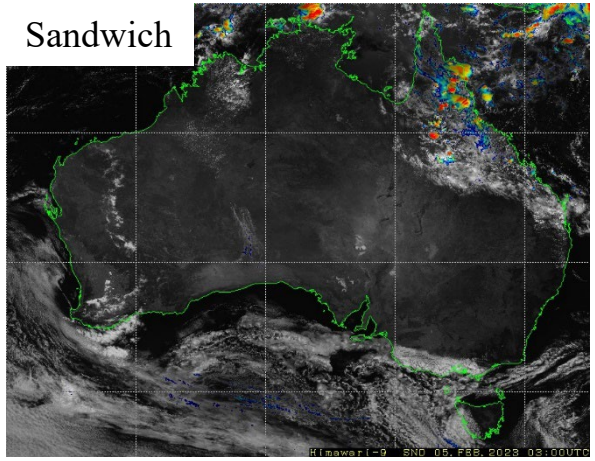
B03(Visible)



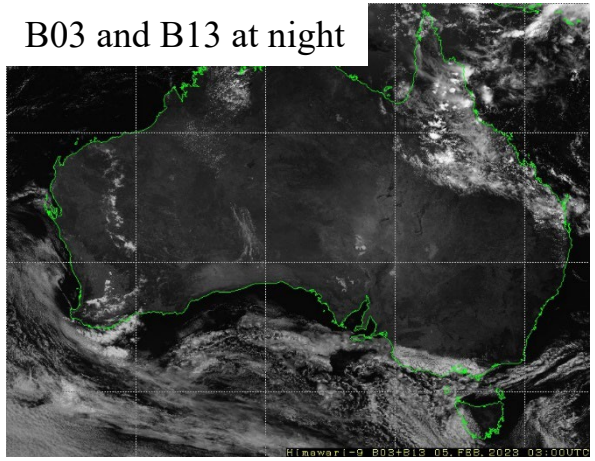
B08(Water Vapor)



Sandwich

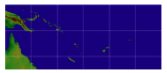
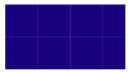


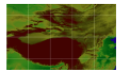
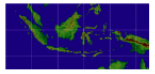
B03 and B13 at night



Real-time JPEG Imagery Service on JMA/MSC Website for Asia-Oceania Region

Full disk			Filelist

Region			File Index
Oceania , Pacific Islands			
Australia (110 E, 10 S - 155 E, 45 S)			Filelist
New Zealand (155 E, 25 S - 170 W, 60 S)			Filelist
Pacific Islands 1 (130 E, 25 N - 65 E, 5 S)			Filelist
Pacific Islands 2 (155 E, 20 N - 175 W, 5 S)			Filelist
Pacific Islands 3 (140 E, 0 - 160 W, 25 S)			Filelist
Pacific Islands 4 (172 E, 9 S - 167 W, 26 S)			Filelist
Pacific Islands 5 (156 E, 9 S - 178 E, 26 S)			Filelist
Pacific Islands 6 (149 E, 1 S - 178 E, 26 S)			Filelist
Pacific Islands 7 (168 E, 1 N - 170 W, 17 S)			Filelist
Pacific Islands 8 (172 W, 6 S - 153.5 W, 24.5 S)			Filelist
Pacific Islands 9 (170 E, 10 N - 153 W, 10.0 S)			Filelist
Pacific Islands 10 (138 E, 3 N - 156.5 W, 15.5 S)			Filelist

Region			File Index
Japan, Central Asia, Southeast Asia, South Asia			
Japan (115 E, 48 N - 155 E, 22 N)			Filelist
Central Asia (70 E, 55 N - 120 E, 25 N)			Filelist
Southeast Asia 1 (80 E, 30 N - 115 E, 0 N)			Filelist
Southeast Asia 2 (105 E, 30 N - 140 E, 0 N)			Filelist
Southeast Asia 3 (90 E, 10 N - 145 E, 15 S)			Filelist
South Asia (70 E, 30 N - 100 E, 0 N)			Filelist

Region			File Index
High-Resolution Asia			
High-Resolution Asia 1 (99 E, 16 N - 110E, 7 N)			Filelist
High-Resolution Asia 2 (78 E, 32 N - 92 E, 22 N)			Filelist
High-Resolution Asia 3 (84 E, 27 N - 95 E, 18 N)			Filelist
High-Resolution Asia 4 (97.5 E, 4.5 N - 107.2 E, 3 S)			Filelist
High-Resolution Asia 5 (75 E,12 N - 86 E, 3.2 N) (Sri Lanka)			Filelist
High-Resolution Asia 6 (120 E, 6 S - 129 E, 13.5 S) (Timor-Leste)			Filelist

Region			File Index
High-Resolution Pacific Islands			
High-Resolution Pacific Islands 1 (155.3 E, 6.2 S - 167.5 E, 12.2 S) (Solomon Islands)			Filelist
High-Resolution Pacific Islands 2 (164.5 E, 12.5 S - 172 E, 21.5 S) (Vanuatu)			Filelist
High-Resolution Pacific Islands 3 (175 E, 14.0 S - 176 W, 21.5 S) (Fiji)			Filelist

Resolution
2.4degree
Full Disk

Resolution
0.037degree
Pacific Islands 4-10

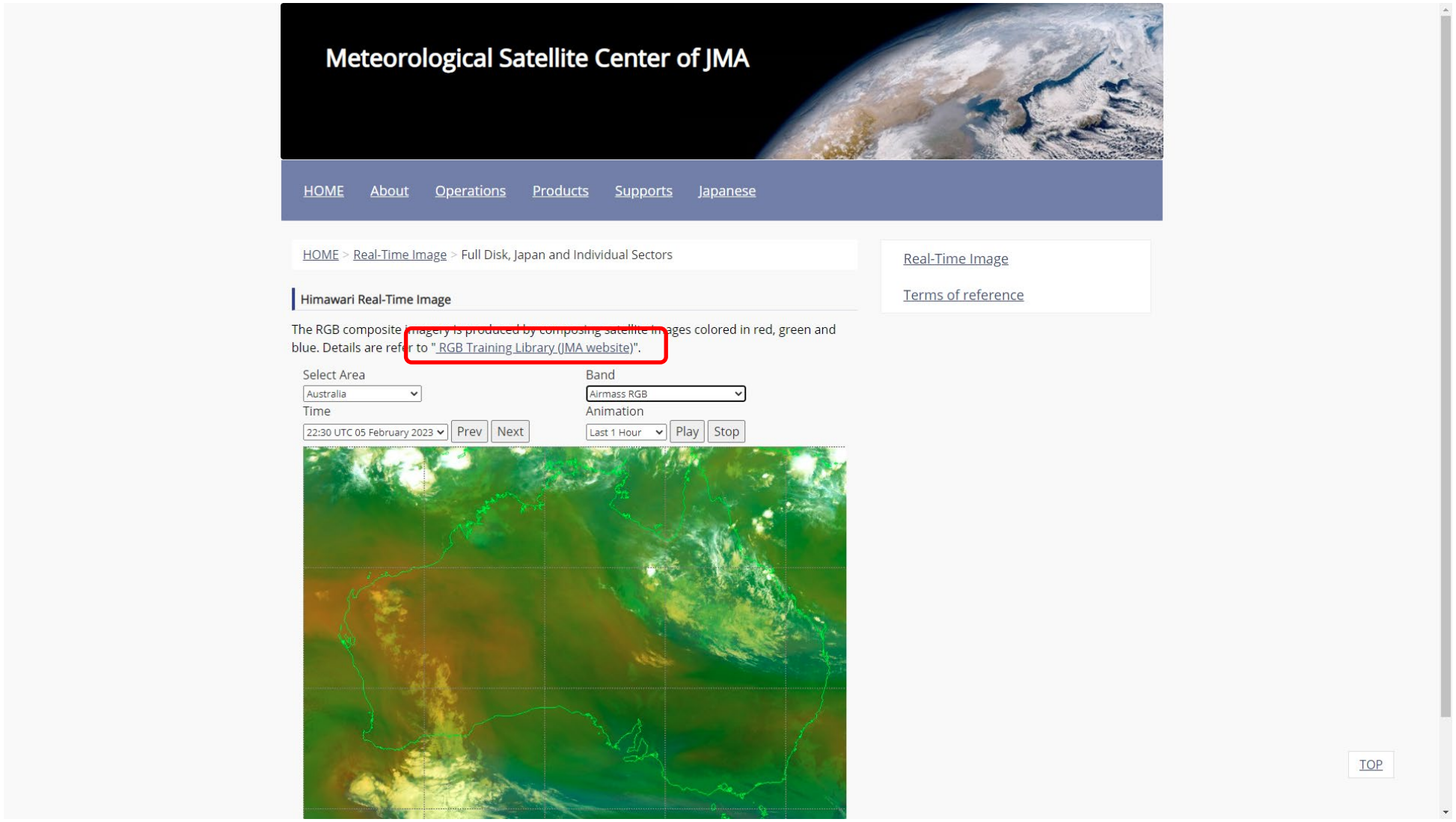
Resolution
0.05degree
Central Asia
Japan
South Asia
Southeast Asia 1-3
Pacific Islands 1-3
Australia
New Zealand

Resolution
0.02degree
High Resolution Asia 1-3

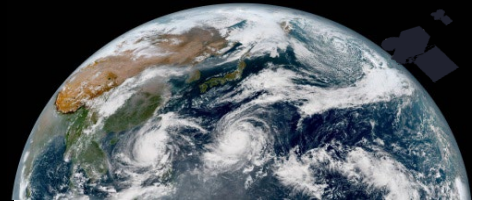
Resolution
0.015degree
High Resolution Asia 4-6
High Resolution Pacific
Islands 1-3

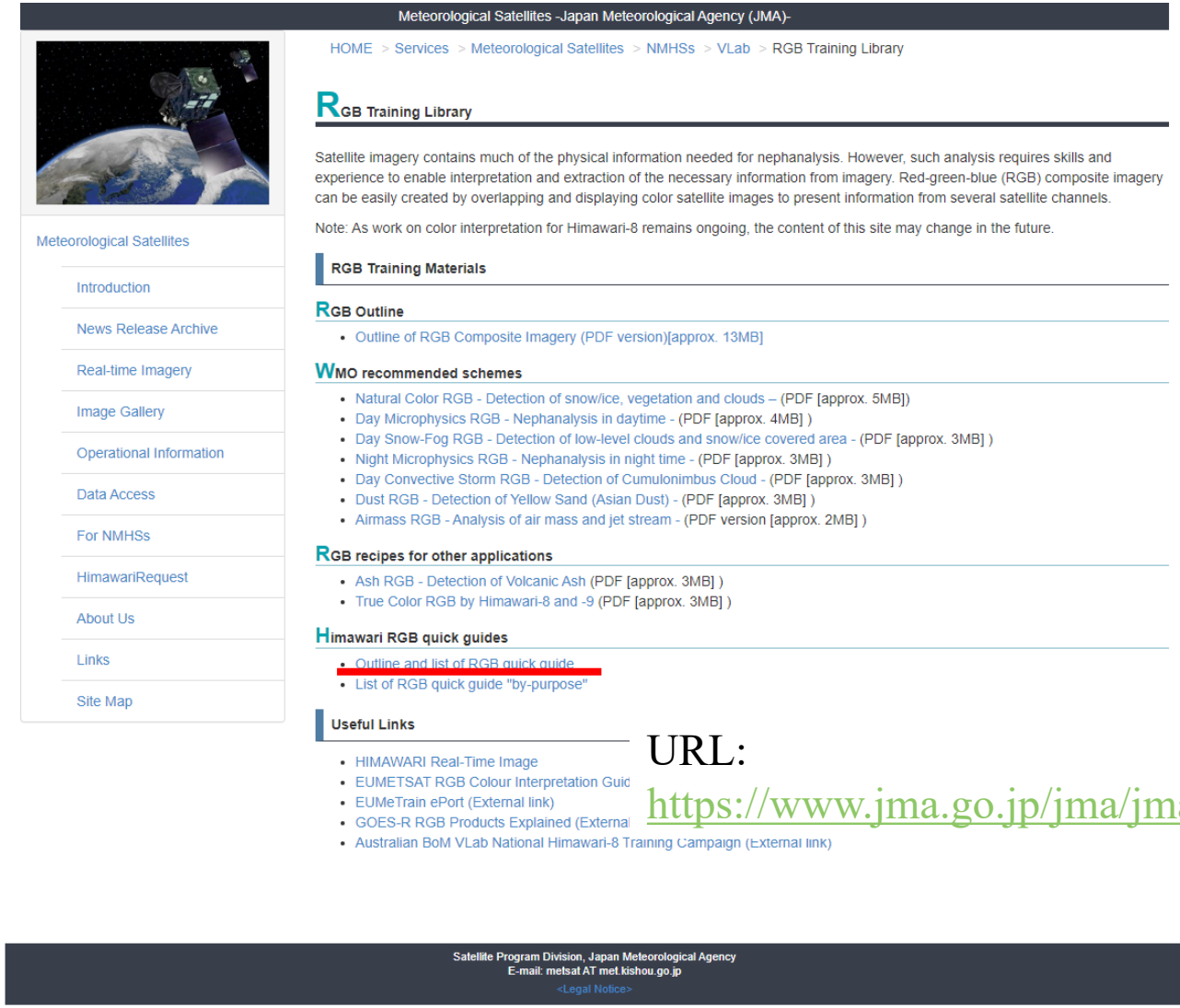
Himawari Real-Time RGB Images

RGB Training Library



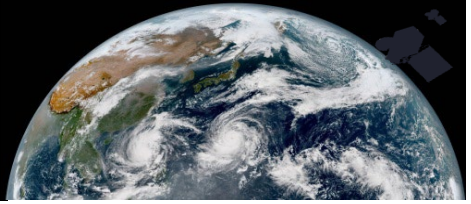
RGB Training Library



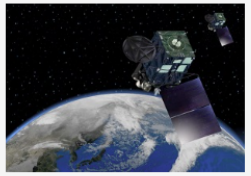


URL:
https://www.jma.go.jp/jma/jma-eng/satellite/RGB_TL.html

RGB Quick Guide



Meteorological Satellites -Japan Meteorological Agency (JMA)-



Meteorological Satellites

- Introduction
- News Release Archive
- Real-time Imagery
- Image Gallery
- Operational Information
- Data Access
- For NMHSs
- HimawariRequest
- About Us
- Links
- Site Map

HOME > Services > Meteorological Satellites > NMHSs > VLab > Himawari RGB Quick Guide

Himawari RGB Quick Guides

Outline

Himawari RGB Quick Guides provide basic summaries on the use of RGB composite imagery.

They are designed simply with front and reverse sides for ease of printing and lamination. A total of 18 Quick Guides are provided in relation to SATAID software to facilitate daily work.

Guides contain information on:

1. Main application(s), benefits and limitations
2. Typical cases
3. Color interpretation
4. RGB recipe (RGB composition: combinations of imagery assigned to the three primary colors with recommended thresholds) and related specifications

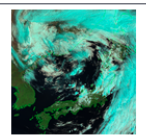
Himawari RGB Quick Guides

Click on an RGB name or image to download the relevant content.

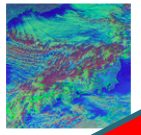
* Print list (.pdf)

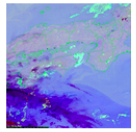
Download all (.zip)

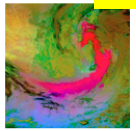
WMO-recommended schemes

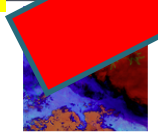

Natural Colors

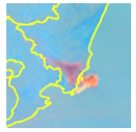

Day Snow-

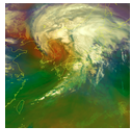

Day Micr


Night Microphysics


Dust


24-hour Microphysics


Ash


Airmass

Click

Well-known RGBs and polar-orbiting satellite-origin RGBs