

Some limitations of LTOA

2025/12/12

Known Problems (under investigation)

1. [Abnormalities in RSRF](#) (Update: 2025/12/12)
2. [Abnormal QA Flags in Monthly Statistics](#)
3. [Ungenerated Statistical Products](#) (Update: 2025/12/12)

1. Abnormalities in RSRF

2025/12/12

([Known problems List](#): PRDT_0046)

Target period: April 8th, 2023 – December 17th, 2024

Targeted products:

- RSRF
- Products (L2, L3) that input RSRF
(NDVI, EVI, SDI, LAI, FPAR, AGB, VRI, ARNP, CLPR)

Phenomenon:

1. Due to an algorithm malfunction, abnormalities such as unnaturally low values are observed in certain pixels for specific bands (Rs_SW02, Rs_VN05, Rs_VN08).
2. There are unnatural missing values.
3. The accuracy of products may be affected 1-2 months after reprocessing.

Countermeasure:

1. The revised algorithm (Ver.3003) was updated on May 30, 2024.
Restoration is under review.
2. Monitoring of affected data and restoration is under review.
3. Restoration is under review.

For examples of abnormal RSRF data, see [here](#) or [the next page](#).

1. Abnormalities in RSRF

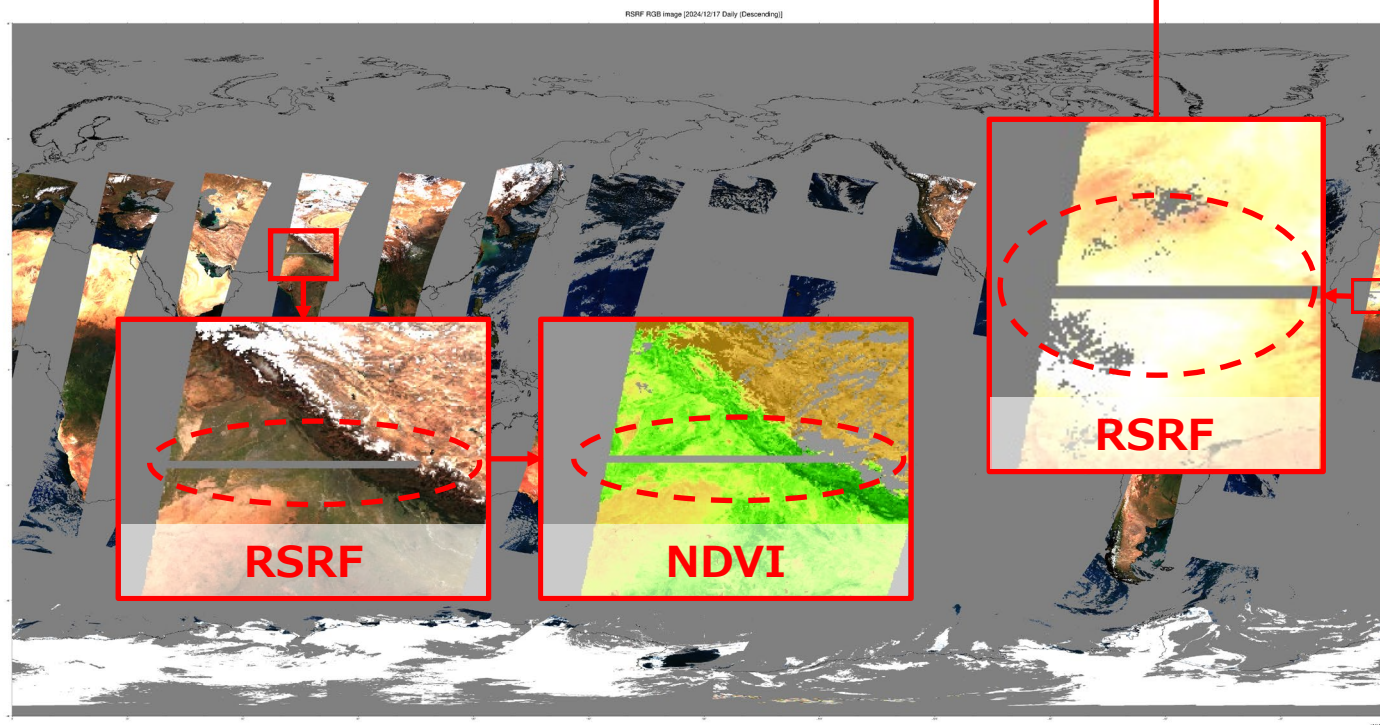
([Known problems List](#): PRDT_0039)

2025/12/12

Targets: RSRF and downstream products (L2, L3)

Observation date: 2024/12/17

Region: Tile ID 0524 and the area around North Africa



Result of Confirmation in the JASMES Image Archive (RSRF on 2024/12/17)

2. Abnormal QA Flags in Monthly Statistics

([Known problems List](#): PRDT_0048)

Affected Products:

- GC1SG1_20200401D01M_D0000_3MSG_RV06F_3000.h5
- GC1SG1_20200401D01M_D0000_3MSG_RV11F_3000.h5

Issue: Areas that should be classified as land are incorrectly flagged as water in the QA flag.

Status: Investigation in progress.

3. Ungenerated Statistical Products

([Known problems List](#): PRDT_0039)

2025/4/11

Target products:

- GC1SG1_20250305D01D_T0521_L2SG_VGI_Q_3000
- GC1SG1_20230801D01M_Tvvhh_RV11Q_3000

Here, vvhh corresponds to the following tile IDs:

0504, 0601, 0705, 0735, 0801, 0834, 0835, 0907, 1002, 1103, 1202,
1205, 1408, 1425, 1509, 1510, 1512, 1522, 1525, 1526, 1622

Status: Cause under investigation.