Some limitations of LTOA

Known Problems (under investigation)
1. Abnormalities in RSRF

2. Abnormal QA Flags in Monthly Statistics

1. Abnormalities in RSRF
   (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.

Example of RSRF abnormal data

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.