



Read-me for Data Users

MEMORANDUM FOR: The JPSS Program Record
SUBMITTED BY: JPSS Enterprise Cloud Mask (ECM) Team Lead, Mark Kulie
CONCURRED BY: JPSS Algorithm Management Project Lead Lihang Zhou
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APPROVED BY: JPSS Program Scientist Satya Kalluri
SUBJECT: NOAA-21 Beta maturity status

DATE: 06/22/2023

Beta maturity status declaration for Enterprise Cloud Mask (ECM)

Maturity Review Date: 06/22/2023
Effective Date: 03/30/2023
Operational System: NCCF, ECM Version V2.2.0, Processing Version Tag v3r2

The JPSS Algorithm Maturity Readiness Review Board approved the release of the JPSS Product Enterprise Cloud Mask (ECM) with a Beta/Provisional maturity level quality as of 03/30/2023 (effective date), based on the JPSS [ECM Validation Maturity Review](#) held on 06/22/2023.

1. Beta Maturity Stage Definition

- a. Product is minimally validated, and may still contain significant identified and unidentified errors.
- b. Information/data from validation efforts can be used to make initial qualitative or very limited quantitative assessments regarding product fitness-for-purpose.
- c. Documentation of product performance and identified product performance anomalies, including recommended remediation strategies, exists.

2. Algorithm Description:

List of Products (Collection Short Name (CSN))

Product requirements/Exclusions (DPS)

Quality flags (Table)

Product evaluation/validation

Product availability/reliability

{XXX SDR/EDR/IP} data were produced since mm/dd/yyyy, but data before mm/dd/yyyy (Beta maturity effective date) were not reliable because of

Algorithm performance dependence

Known errors/issues/limitations

- 3. Changes since last maturity stage
- 4. Review board recommendations
- 5. Path Forward/Future Plan
- 6. Additional Items to note

Additional information is available in the {JPSS Product} algorithm theoretical basis document (ATBD) and validation maturity review briefing, which can be accessed at:

<http://www.star.nesdis.noaa.gov/jpss/Docs.php>



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