Data Intake Processing and Verification Report

Background Information

- **Original Dataset Name:** GEOS-Carb MiCASA Daily NPP Rh Fire Fuel Fluxes 0.1 degree x 0.1 degree V1
- **GHG Center Dataset Title:** MiCASA Land Carbon Flux (v1)
- **Dataset Provider:** NASA
- **Date Obtained:** April 2024
- **Location Obtained From:** N/A - direct delivery to US GHG Center S3 bucket. (note: data in NetCDF format can be obtained at https://doi.org/10.5067/ZBXSA1LEN453 (Daily data) & https://doi.org/10.5067/UCFEAAIDIUEQ (Monthly data))
- **Data Location in GHG Center:** micasa-carbonflux-daygrid-v1, micasa-carbonflux-monthgrid-v1
- **Data POC(s):** Dr. Brad Weir
- **Dataset File Type(s):** Cloud Optimized GeoTIFF (COG)
- **Projection (if different from WGS84):** NA

Data Intake Process

- https://us-ghg-center.github.io/ghgc-docs/data_workflow/micasa-carbonflux-daygrid-v1_Data_Flow.html

Confirmation of Successful Data Transfer

The MiCASA Land Carbon Flux v1 data was transferred by the data provider from an on premises location to a US GHG Center S3 bucket. Checksums were provided with the data to verify data integrity after delivery.

Summary

- We are confident that the transformation and display of data in the GHG Center is correct
- There were no problems identified in the data
- Link to Data Usage Notebook (Daily data)
- Link to US GHG Center Data Catalog overview page

Report Completed on: 4/12/2024
- Report updated on 6/16/2025 to reflect updated source location of NetCDF data

MSFC POC for questions: Deborah Smith, Siddharth Chaudhary