

Data Intake Processing and Verification Report

Background Information

- **Original Dataset Name:** EMIT L2B Estimated Methane Plume Complexes 60 m
- **GHG Center Dataset Title:** EMIT Methane Point Source Plume Complexes
- **Dataset Provider:** NASA/JPL
- **Date Obtained:** May 2026 (with ongoing regular updates)
- **Location Obtained From:** NASA LP DAAC
 - <https://search.earthdata.nasa.gov/search/granules?p=C3242707413-LPCLOUD>
- **Data Location in GHG Center:** emit-ch4plume-v2
- **Data POC(s):** Dr. Robert Green, Dr. Andrew Thorpe, Dr. Dana Chadwick, Dr. Philip Brodrick
- **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/emit-ch4plume-v2_Data_Flow.html

Confirmation of Successful Data Transfer

Data is obtained directly from an S3 bucket owned by the NASA LP DAAC, so no data transfer is occurring. Since the data is being maintained external to the GHG Center, it is the responsibility of the data provider to ensure the integrity of the data.

Summary

- We are confident that the display of data in the US GHG Center accurately represents the source data
- [Link](#) to the dataset Tutorial
- [Link](#) to the US GHG Center data catalog page

Report Completed on: 4/22/2024; updated on 5/11/2026 to reflect a version update
MSFC POC for questions: [Jeanné le Roux](#), [Siddharth Chaudhary](#)