


Files Used for Statistical Products①





The files used in the statistical products are listed under "Processing attributes" within the data.

Example:

The file named "**GC1SG1_20240828D08D_X0000_3BSG_NDVIF_3001.h5**" is generated using the following 8 input files (i.e., the 8-day statistics for the period from August 28 to September 4, 2024).

- GC1SG1_20240828D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240829D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240830D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240831D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240901D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240902D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240903D01D_X0000_3BSG_NDVIF_3000.h5
- GC1SG1_20240904D01D_X0000_3BSG_NDVIF_3000.h5

 GC1SG1_20240828D08D_X0000_3BSG_NDVIF_3001.h5

-  Geometry_data
-  Global_attributes
-  Image_data
-  **Processing_attributes**

Object Attribute Info General Object Info

Attribute Creation Order: Creation Order NOT Tracked

Number of attributes = 13

Add Attribute

Delete Attribute

Name	Type	Array Size	Value[50](...)
Contact_point	String, length = 45, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	JAXA/Earth Observation ...
Input File Name 001	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240828D01D_...
Input File Name 002	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240829D01D_...
Input File Name 003	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240830D01D_...
Input File Name 004	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240831D01D_...
Input File Name 005	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240901D01D_...
Input File Name 006	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240902D01D_...
Input File Name 007	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240903D01D_...
Input File Name 008	String, length = 44, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240904D01D_...
Input_files	String, length = 359, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	GC1SG1_20240828D01D_...
Processing_UT	String, length = 17, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	20240905 19:49:20
Processing_organization	String, length = 27, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	JAXA/GCOM-C science ...
Processing_result	String, length = 4, padding = H5T_STR_NULLTERM, cset = H5T_CSET_ASCII	1	Good

Files Used for Statistical Products②

To check the actual observation dates used in the statistical calculation, please refer to `Image_data > XXXX_Date` (XXXX is the product name).

This field represents, in 8-bit format, the dates used to calculate the statistical value for each pixel.

Example:

In an 8-day statistical product, if a pixel contains the value 40 (binary: 00101000), it indicates that the statistical value was calculated using data from the 4th and 6th days.

For monthly statistical products, the month is divided into eight 4-day periods:(1-4, 5-8, 9-12, 13-16, 17-20, 21-24, 25-28, and 29-end of month),and flags are set in the same way.

40	255	125
32	0	8
18	50	240

Decimal Number



00101000	11111111	01111101
00100011	00000000	00001000
00010010	00110010	11110000

Binary Number

