

HOW TO FIND AND DOWNLOAD GCOM-W1 AMSR-2 MICROWAVE IMAGERY

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Satellite Studies



Update: Nov 2024



Data are available online! (Thank you JAXA!)

JAXA地球観測衛星データ

<https://gportal.jaxa.jp/gpr/?lang=en>

JAXA Space Technology

It might come up in Japanese, but there's 'English' to click → English

Changes to the service of JAXA's Earth observation satellite data provision system "G-Portal"

Due to repairs, the JAXA Earth Observation Satellite Data Provision System "G-Portal" will temporarily change its service. We apologize for any inconvenience caused and thank you for your understanding.

What's changed

- Web search and download ⇒ Suspended until March 31, 2025 (scheduled)
- Download via FTP/sFTP ⇒ Provided via alternative services until March 31, 2025 (scheduled)
- CSW (Catalogue Services for the Web) Search ⇒ Suspended until 2025/03/31 (planned)
- Web content (including documents and tools) provided ⇒ Provided from an alternative site until March 31, 2025 (planned)

Alternative Services

G-Portal Repo (<https://repo.gportal.jaxa.jp/>)
Data provided via HTTPS.
Almost all data (Standard Product (Standard) and Near Real Time Product (NRT)) can be obtained.

How to use

Scroll Down

Data are available online! (Thank you JAXA!)

The screenshot shows a web browser window with the URL <https://gportal.jaxa.jp/gpr/?lang=en>. The page content includes:

- A notice: "G-Portal, which is JAXA Earth Observation Satellite Data Providing System, changed it's service upto 2025/3/31 (planned)."
- A section titled "Service Change" with a list of updates:
 - Search and download functions on the website ⇒ out of service until 2025/03/31 (planned)
 - Download functions via FTP/sFTP ⇒ switched to alternative services until 2025/03/31 (planned)
 - Search CSW (Catalogue Services for the Web) ⇒ out of service until 2025/03/31 (planned)
 - Provide Web contents (including documents and tools) ⇒ switched to alternative services until 2025/03/31 (planned)
- A section titled "Alternative Services" with a sub-section "G-Portal Repo (<https://repo.gportal.jaxa.jp/>)".
- Text: "Data Delivery with HTTPS. Almost all data ((Standard Product: standard) and (Near Real Time Product: nrt)) can be downloadable."
- A button labeled "User Guide".
- A section "Each Satellite Alternative Services" containing a dropdown menu with the text "Please select a satellite or a product." A pink arrow points to this dropdown.
- A section "Product information and operation" containing another dropdown menu with the text "Please select a satellite or a product.".
- A section "Tools and Documents" containing a third dropdown menu with the text "Please select a satellite or a product.".

A green arrow on the right side of the page points downwards, with a dark blue box containing the text "Scrolled Down" next to it.

Data are available online! (Thank you JAXA!)

The screenshot shows a web browser window with the URL <https://gportal.jaxa.jp/gpr/?lang=en>. The page content includes a notice about alternative services, a section for 'Alternative Services', and a 'G-Portal Repo' section. A dropdown menu is open, listing various satellites and products, with 'GCOM-W1' highlighted. A pink arrow points to 'GCOM-W1' and a green arrow points to the scrollbar on the right.

Provide Web contents (including documents and tools) ⇒ switched to alternative services until 2025/03/31 (planned)

Alternative Services

G-Portal Repo (<https://repo.gportal.jaxa.jp/>)
Data Delivery with HTTPS.
Almost all data ((Standard Product: standard) and (Near Real Time Product: nrt)) can be downloadable.

User Guide

Each Satellite Alternative Services

Please select a satellite or a product. ▾

- Please select a satellite or a product.
- ADEOS
- ADEOS-II
- ALOS
- ALOS-2
- AQUA
- AQUA(CMR)
- CIRC
- GCOM-C
- GCOM-W1**
- GOSAT-GW
- GPM
- GPM Constellation Satellites
- GSMaP
- JERS-1
- MOS-1
- MOS-1b
- GLI-A1C

on of ALOS-2 Open and Free data (PALSAR-2 ScanSAR L1.1) due to GPortal outage
e
Observation Satellite Data Providing System, changed it's service.

G-Portal Support Desk

Scrolled Down

Data are available online! (Thank you JAXA!)

The screenshot shows a web browser window with the URL `gportal.jaxa.jp/gpr/Alternatives/page/GCOM-W1.html`. The page title is "GCOM-W1 代替サービス" (GCOM-W1 Alternative Services). Below the title is a table listing services and their URLs. A pink arrow points to the URL `https://repo.gportal.jaxa.jp` in the English table, which is highlighted by a black box with the text "Click Here".

サービス名	URL
G-Portal Repo	https://repo.gportal.jaxa.jp
AMSR Viewer	https://www.eorc.jaxa.jp/AMSR/viewer/index_j.html
関連情報*	https://earth.jaxa.jp/gpr/

*プロダクト情報、運用情報、ツール、ドキュメント、関連URL、利用規約

GCOM-W1 Alternative Services

Service Name	URL
G-Portal Repo	https://repo.gportal.jaxa.jp
AMSR Viewer	https://www.eorc.jaxa.jp/AMSR/viewer/index_e.htm
Related Information*	https://earth.jaxa.jp/gpr/

*product information, satellite operation, tools, documents, related URLs, terms of use

Data are available online! (Thank you JAXA!)

Default services for G-Portal (<https://gportal.jaxa.jp>, <ftp://ftp.gportal.jaxa.jp>, <sftp://ftp.gportal.jaxa.jp:2051>) have been shut down for the system maintenance. This service (<https://repo.gportal.jaxa.jp>) is an alternative service for the maintenance period (2024-10-18 to 2025-03-31 planned). Most of the products are downloadable, but the product search by using GUI isn't available. Related tools and documents are listed in the different site (<https://earth.jaxa.jp/gpr/>). If you have a question, please send a message to z-gportal-support at ml.jaxa.jp

Disclaimer.

By downloading the data you are deemed to have understood and agreed to the Terms. [G-Portal Repo Terms of use\(jp\)](#), [G-Portal Repo Terms of use\(en\)](#)
[JAXA Terms of use\(jp\)](#), [JAXA Terms of use\(en\)](#)

Name	Last modified	Size	Description
nrt/	2024-09-26 06:43	-	
standard/	2024-09-26 06:43	-	

Data are available online! (Thank you JAXA!)

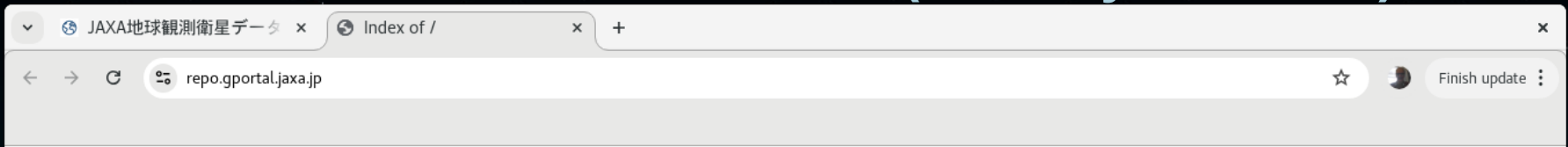
Default services for G-Portal (<https://gportal.jaxa.jp>, <ftp://ftp.gportal.jaxa.jp>, <sftp://ftp.gportal.jaxa.jp:2051>) have been shut down for the system maintenance. This service (<https://repo.gportal.jaxa.jp>) is an alternative service for the maintenance period (2024-10-18 to 2025-03-31 planned). Most of the products are downloadable, but the product search by using GUI isn't available. Related tools and documents are listed in the different site (<https://earth.jaxa.jp/gpr/>). If you have a question, please send a message to z-gportal-support at ml.jaxa.jp

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Name	Last modified	Size	Description
nrt/	2024-09-26 06:43	-	
standard/	2024-09-26 06:43		Click on 'standard'

Data are available online! (Thank you JAXA!)




Welcome to JAXA G-Portal Repo

Default services for G-Portal (<https://gportal.jaxa.jp>, <ftp://ftp.gportal.jaxa.jp>, <sftp://ftp.gportal.jaxa.jp:2051>) have been shut down for the system maintenance. This service (<https://repo.gportal.jaxa.jp>) is an alternative service for the maintenance period (2024-10-18 to 2025-03-31 planned). Most of the products are downloadable, but the product search by using GUI isn't available. Related tools and documents are listed in the different site (<https://earth.jaxa.jp/gpr/>). If you have a question, please send a message to [z-gportal-support](mailto:z-gportal-support@ml.jaxa.jp) at ml.jaxa.jp

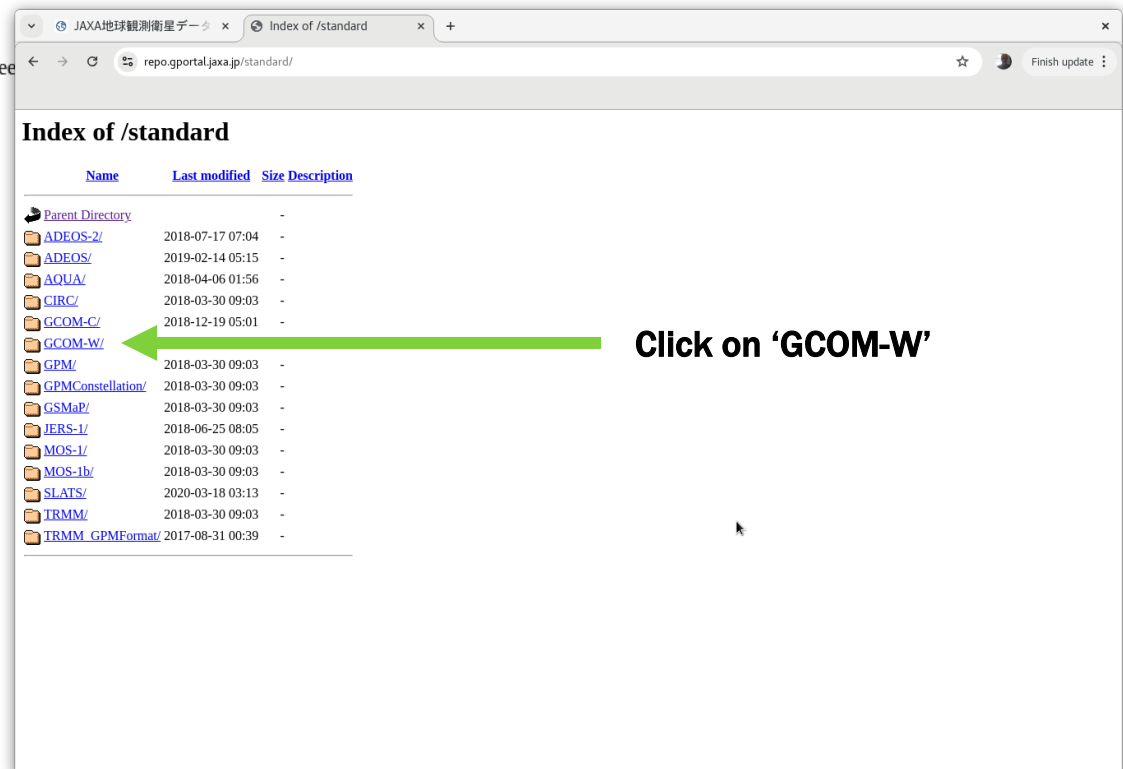
Disclaimer.

By downloading the data you are deemed to have understood and agree [G-Portal Repo Terms of use\(jp\)](#), [G-Portal Repo Terms of use\(en\)](#) [JAXA Terms of use\(jp\)](#), [JAXA Terms of use\(en\)](#)

Name	Last modified	Size	Description
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 nrt/	2024-09-26 06:43	-	
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 standard/	2024-09-26 06:43		Click on 'standard'
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Data are available online! (Thank you JAXA!)

Index of /standard/GCOM-W

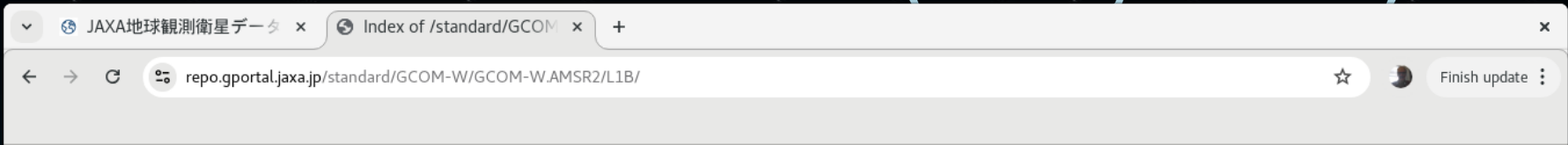
Name	Last modified	Size	Description
Parent Directory			
GCOM-W.AMSR2/	2017-07-18 00:04		

Click on 'GCOM-W.AMSR2' and that reveals the page below, where you want to click L1b:

Index of /standard/GCOM-W/GCOM-W.AMSR2

Name	Last modified	Size	Description
Parent Directory			
L1B/	2018-12-18 04:33	-	
L1R/	2017-08-02 07:11	-	
L2.CLW/	2017-08-02 07:43	-	
L2.PRC/	2022-10-25 13:33	-	
L2.SIC/	2018-06-29 09:59	-	
L2.SMC/	2018-06-29 10:00	-	
L2.SND/	2017-08-02 07:44	-	
L2.SST/	2020-10-13 15:11	-	
L2.SSW/	2020-10-13 15:11	-	
L2.TPW/	2017-08-02 07:44	-	
L3.CLW_10/	2018-06-29 10:00	-	
L3.CLW_25/	2018-06-29 10:00	-	
L3.PRC_10/	2022-10-25 17:15	-	
L3.PRC_25/	2022-10-25 17:15	-	
L3.SIC_10/	2018-06-29 10:00	-	
L3.SIC_25/	2018-06-29 10:00	-	
L3.SMC_10/	2018-06-29 10:00	-	
L3.SMC_25/	2018-06-29 10:00	-	
L3.SND_10/	2018-06-29 10:00	-	
L3.SND_25/	2018-06-29 10:00	-	
L3.SST_10/	2020-10-13 17:04	-	
L3.SST_25/	2020-10-13 17:04	-	
L3.SSW_10/	2020-10-13 17:04	-	
L3.SSW_25/	2020-10-13 17:04	-	
L3.TB6GHz_10/	2017-08-02 07:48	-	
L3.TB6GHz_25/	2017-08-02 07:49	-	

Data are available online! (Thank you JAXA!)

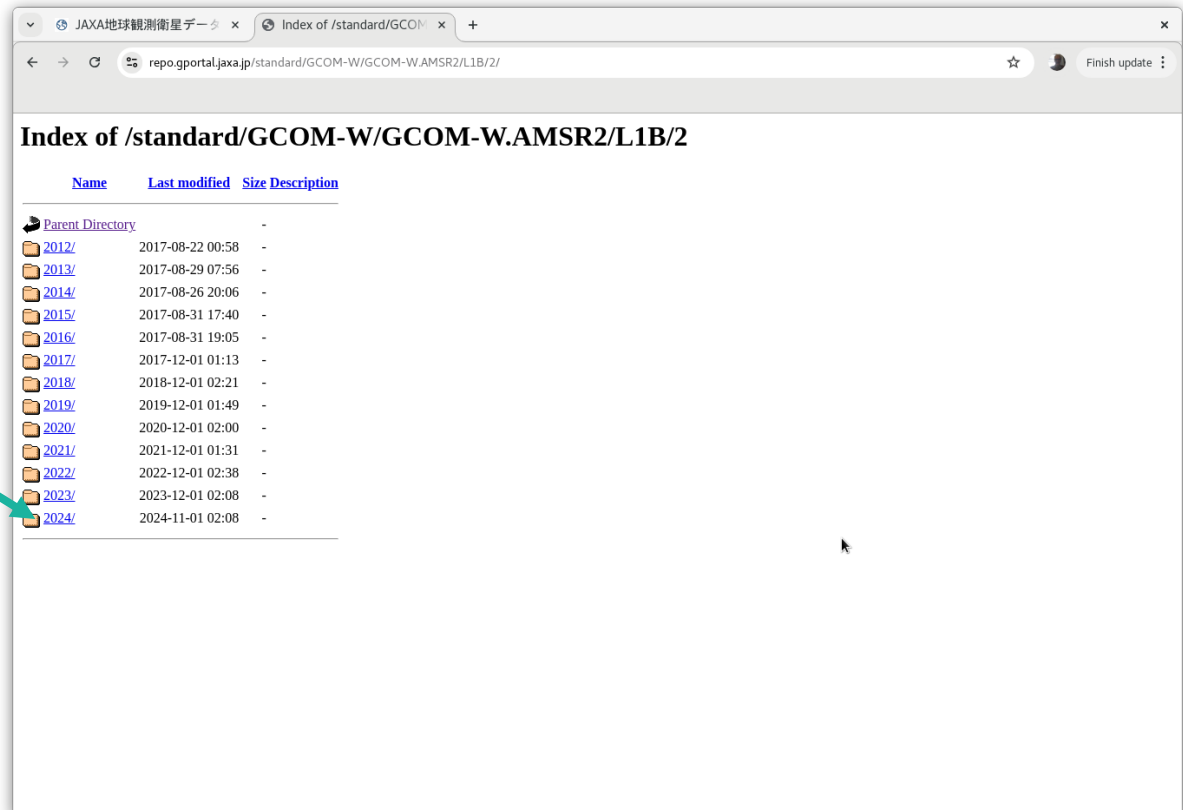


Index of /standard/GCOM-W/GCOM-W.AMSR2/L1B

Name	Last modified	Size	Description
Parent Directory	-	-	-
1/	2017-08-02 07:11	-	-
2/	2024-01-01 01:26	-	-

Click on '2'

..and you'll see a series of years. Click on 2024 in this case – then you'll see months – choose 11 there (November)



Data are available online! (Thank you JAXA!)

Index of /standard/GCOM-W/GCOM-W.AMSR2/L1B/2/2024/11

scroll down

Name	Last modified	Size	Description
Parent Directory	-		
GW1AM2_202411010009_183D_L1SGBTBR_2220220.h5	2024-11-01 02:08	31M	
GW1AM2_202411010058_183A_L1SGBTBR_2220220.h5	2024-11-01 02:08	30M	
GW1AM2_202411010148_199D_L1SGBTBR_2220220.h5	2024-11-01 03:52	31M	
GW1AM2_202411010237_199A_L1SGBTBR_2220220.h5	2024-11-01 04:01	30M	
GW1AM2_202411010327_215D_L1SGBTBR_2220220.h5	2024-11-01 05:24	31M	
GW1AM2_202411010416_215A_L1SGBTBR_2220220.h5	2024-11-01 05:24	31M	
GW1AM2_202411010506_231D_L1SGBTBR_2220220.h5	2024-11-01 07:04	31M	
GW1AM2_202411010555_231A_L1SGBTBR_2220220.h5	2024-11-01 07:04	31M	
GW1AM2_202411010645_014D_L1SGBTBR_2220220.h5	2024-11-01 08:40	31M	
GW1AM2_202411010734_014A_L1SGBTBR_2220220.h5	2024-11-01 10:17	31M	
GW1AM2_202411010823_030D_L1SGBTBR_2220220.h5	2024-11-01 10:17	31M	
GW1AM2_202411010913_030A_L1SGBTBR_2220220.h5	2024-11-01 11:56	31M	
GW1AM2_202411011002_046D_L1SGBTBR_2220220.h5	2024-11-01 11:56	30M	
GW1AM2_202411011052_046A_L1SGBTBR_2220220.h5	2024-11-01 13:36	31M	
GW1AM2_202411011141_062D_L1SGBTBR_2220220.h5	2024-11-01 13:37	30M	
GW1AM2_202411011231_062A_L1SGBTBR_2220220.h5	2024-11-01 15:13	31M	
GW1AM2_202411011320_078D_L1SGBTBR_2220220.h5	2024-11-01 15:13	30M	
GW1AM2_202411011410_078A_L1SGBTBR_2220220.h5	2024-11-01 16:52	31M	
GW1AM2_202411011459_094D_L1SGBTBR_2220220.h5	2024-11-01 16:52	30M	
GW1AM2_202411011548_094A_L1SGBTBR_2220220.h5	2024-11-01 18:33	31M	
GW1AM2_202411011638_110D_L1SGBTBR_2220220.h5	2024-11-01 18:33	31M	
GW1AM2_202411011727_110A_L1SGBTBR_2220220.h5	2024-11-01 20:12	31M	
GW1AM2_202411011817_126D_L1SGBTBR_2220220.h5	2024-11-01 20:12	31M	
GW1AM2_202411011906_126A_L1SGBTBR_2220220.h5	2024-11-01 20:12	31M	
GW1AM2_202411011956_142D_L1SGBTBR_2220220.h5	2024-11-01 21:53	31M	
GW1AM2_202411012045_142A_L1SGBTBR_2220220.h5	2024-11-01 21:53	30M	

Data are available online! (Thank you JAXA!)

repo.gportal.jaxa.jp/standard/GCOM-W/GCOM-W.AMSR2/L1B/2/2024/11/

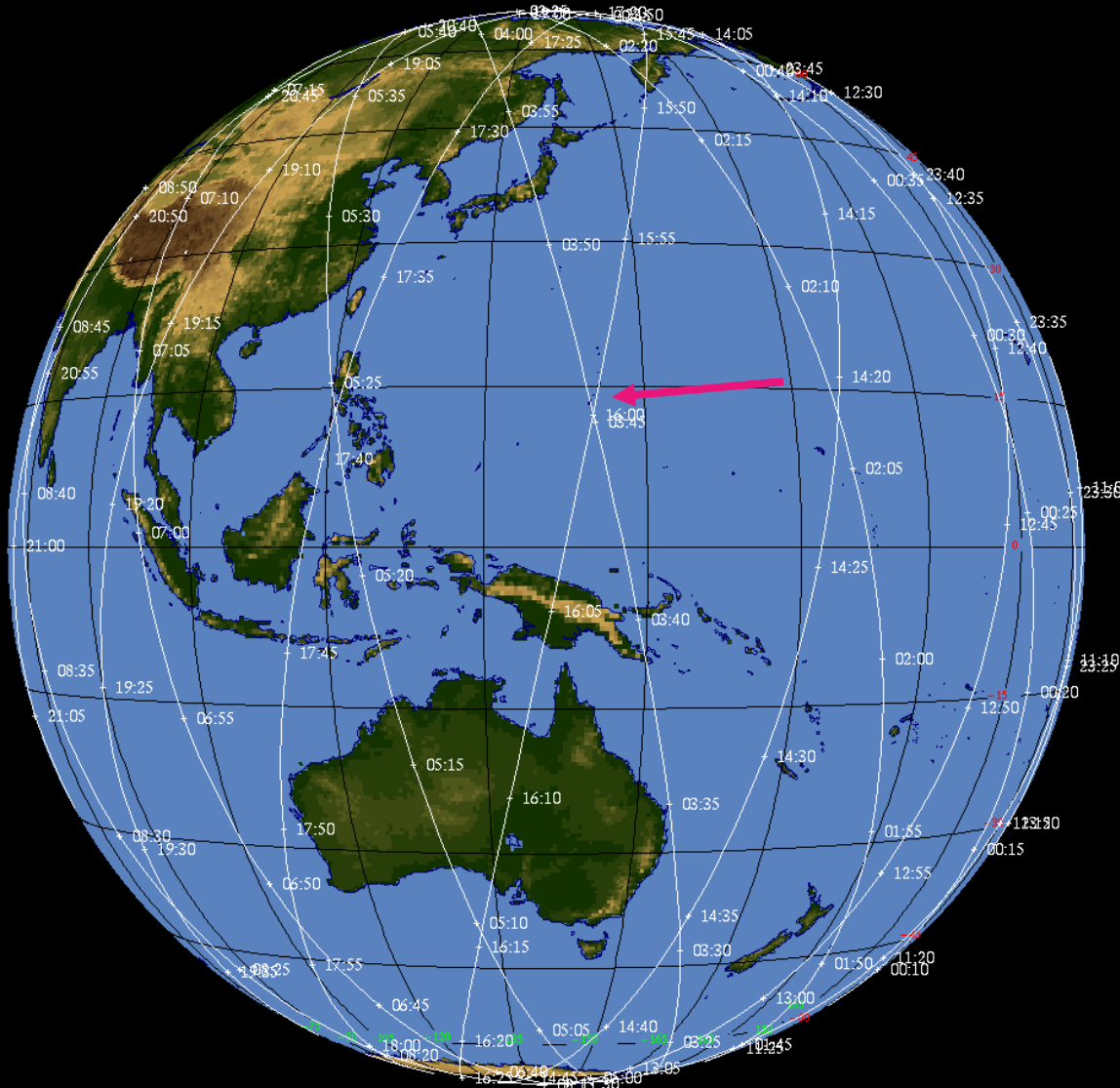
GW1AM2_202411101542_093A_L1SGBTBR_2220220.h5	2024-11-10 18:26 31M
GW1AM2_202411101632_109D_L1SGBTBR_2220220.h5	2024-11-10 18:26 31M
GW1AM2_202411101721_109A_L1SGBTBR_2220220.h5	2024-11-10 20:06 31M
GW1AM2_202411101811_125D_L1SGBTBR_2220220.h5	2024-11-10 20:06 31M
GW1AM2_202411101900_125A_L1SGBTBR_2220220.h5	2024-11-10 20:06 31M
GW1AM2_202411101949_141D_L1SGBTBR_2220220.h5	2024-11-10 21:47 31M
GW1AM2_202411102039_141A_L1SGBTBR_2220220.h5	2024-11-10 21:47 31M
GW1AM2_202411102128_157D_L1SGBTBR_2220220.h5	2024-11-10 23:27 31M
GW1AM2_202411102218_157A_L1SGBTBR_2220220.h5	2024-11-10 23:27 30M
GW1AM2_202411102307_173D_L1SGBTBR_2220220.h5	2024-11-11 01:07 31M
GW1AM2_202411102357_173A_L1SGBTBR_2220220.h5	2024-11-11 01:07 30M
GW1AM2_202411110046_189D_L1SGBTBR_2220220.h5	2024-11-11 02:45 31M
GW1AM2_202411110136_189A_L1SGBTBR_2220220.h5	2024-11-11 02:45 30M
GW1AM2_202411110225_205D_L1SGBTBR_2220220.h5	2024-11-11 04:32 31M
GW1AM2_202411110314_205A_L1SGBTBR_2220220.h5	2024-11-11 04:32 31M
GW1AM2_202411110404_221D_L1SGBTBR_2220220.h5	2024-11-11 06:01 31M
GW1AM2_202411110453_221A_L1SGBTBR_2220220.h5	2024-11-11 06:01 31M
GW1AM2_202411110543_004D_L1SGBTBR_2220220.h5	2024-11-11 07:39 31M
GW1AM2_202411110632_004A_L1SGBTBR_2220220.h5	2024-11-11 07:39 31M
GW1AM2_202411110722_020D_L1SGBTBR_2220220.h5	2024-11-11 09:16 31M
GW1AM2_202411110811_020A_L1SGBTBR_2220220.h5	2024-11-11 10:54 31M
GW1AM2_202411110901_036D_L1SGBTBR_2220220.h5	2024-11-11 10:54 31M
GW1AM2_202411110950_036A_L1SGBTBR_2220220.h5	2024-11-11 12:34 31M
GW1AM2_202411111039_052D_L1SGBTBR_2220220.h5	2024-11-11 12:34 30M
GW1AM2_202411111129_052A_L1SGBTBR_2220220.h5	2024-11-11 14:12 31M
GW1AM2_202411111218_068D_L1SGBTBR_2220220.h5	2024-11-11 14:12 30M
GW1AM2_202411111308_068A_L1SGBTBR_2220220.h5	2024-11-11 16:00 31M
GW1AM2_202411111357_084D_L1SGBTBR_2220220.h5	2024-11-11 16:01 30M
GW1AM2_202411111447_084A_L1SGBTBR_2220220.h5	2024-11-11 17:29 31M
GW1AM2_202411111536_100D_L1SGBTBR_2220220.h5	2024-11-11 17:29 30M

scrolled down

How do you know which times are wanted?

Data are available online! (Thank you JAXA!)

EPOCH=24316.08737178 --- UPDATED=2024316



In this case, data over Guam are wanted

This image, from the SSEC Polar Orbit site, shows the times are 03:44-03:48 and 15:57-16:02

Data are available online! (Thank you JAXA!)

repo.gportal.jaxa.jp/standard/GCOM-W/GCOM-W.AMSR2/L1B/2/2024/11/

GW1AM2	202411101542	093A	L1SGBTBR	2220220.h5	2024-11-10	18:26	31M
GW1AM2	202411101632	109D	L1SGBTBR	2220220.h5	2024-11-10	18:26	31M
GW1AM2	202411101721	109A	L1SGBTBR	2220220.h5	2024-11-10	20:06	31M
GW1AM2	202411101811	125D	L1SGBTBR	2220220.h5	2024-11-10	20:06	31M
GW1AM2	202411101900	125A	L1SGBTBR	2220220.h5	2024-11-10	20:06	31M
GW1AM2	202411101949	141D	L1SGBTBR	2220220.h5	2024-11-10	21:47	31M
GW1AM2	202411102039	141A	L1SGBTBR	2220220.h5	2024-11-10	21:47	31M
GW1AM2	202411102128	157D	L1SGBTBR	2220220.h5	2024-11-10	23:27	31M
GW1AM2	202411102218	157A	L1SGBTBR	2220220.h5	2024-11-10	23:27	30M
GW1AM2	202411102307	173D	L1SGBTBR	2220220.h5	2024-11-11	01:07	31M
GW1AM2	202411102357	173A	L1SGBTBR	2220220.h5	2024-11-11	01:07	30M
GW1AM2	202411110046	189D	L1SGBTBR	2220220.h5	2024-11-11	02:45	31M
GW1AM2	202411110136	189A	L1SGBTBR	2220220.h5	2024-11-11	02:45	30M
GW1AM2	202411110225	205D	L1SGBTBR	2220220.h5	2024-11-11	04:32	31M
GW1AM2	202411110314	205A	L1SGBTBR	2220220.h5	2024-11-11	04:32	31M
GW1AM2	202411110404	221D	L1SGBTBR	2220220.h5	2024-11-11	06:01	31M
GW1AM2	202411110453	221A	L1SGBTBR	2220220.h5	2024-11-11	06:01	31M
GW1AM2	202411110543	004D	L1SGBTBR	2220220.h5	2024-11-11	07:39	31M
GW1AM2	202411110632	004A	L1SGBTBR	2220220.h5	2024-11-11	07:39	31M
GW1AM2	202411110722	020D	L1SGBTBR	2220220.h5	2024-11-11	09:16	31M
GW1AM2	202411110811	020A	L1SGBTBR	2220220.h5	2024-11-11	10:54	31M
GW1AM2	202411110901	036D	L1SGBTBR	2220220.h5	2024-11-11	10:54	31M
GW1AM2	202411110950	036A	L1SGBTBR	2220220.h5	2024-11-11	12:34	31M
GW1AM2	202411111039	052D	L1SGBTBR	2220220.h5	2024-11-11	12:34	30M
GW1AM2	202411111129	052A	L1SGBTBR	2220220.h5	2024-11-11	14:12	31M
GW1AM2	202411111218	068D	L1SGBTBR	2220220.h5	2024-11-11	14:12	30M
GW1AM2	202411111308	068A	L1SGBTBR	2220220.h5	2024-11-11	16:00	31M
GW1AM2	202411111357	084D	L1SGBTBR	2220220.h5	2024-11-11	16:01	30M
GW1AM2	202411111447	084A	L1SGBTBR	2220220.h5	2024-11-11	17:29	31M
GW1AM2	202411111536	100D	L1SGBTBR	2220220.h5	2024-11-11	17:29	30M

The times are
03:44-03:48
and 15:57-
16:02

Choose this file that starts
at 03:14 (note the next one
starts at 04:04)

Choose this file that starts
at 15:36