

TPM Online Dissemination Service through L-OADS

User Manual

An online dissemination system (L-OADS) is available for some Third Party Missions data collections. This system allows end-users to gain direct access to ESA's TPM collections, without the need to interface with the ESA Order Desk.

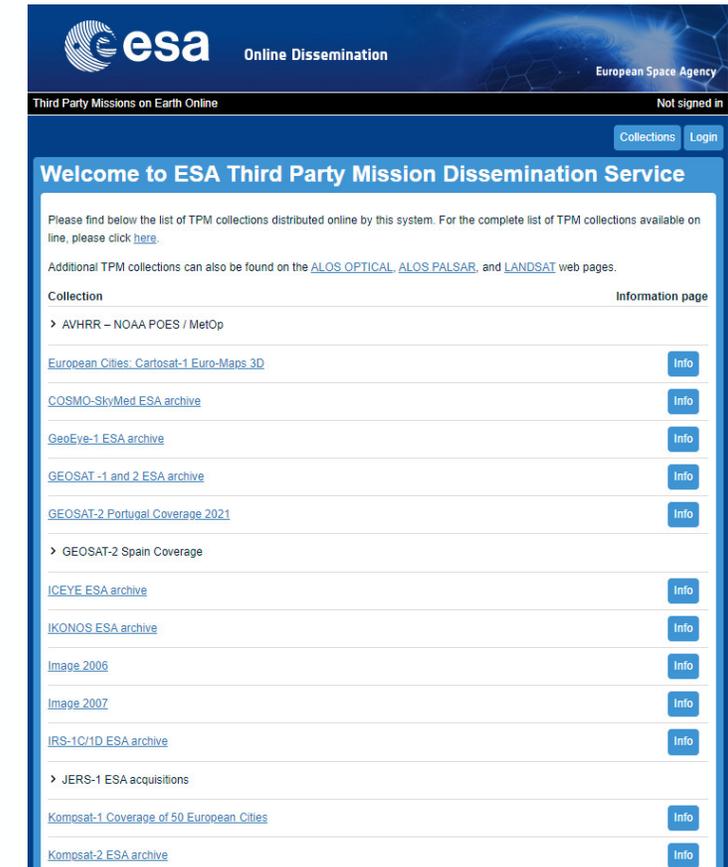
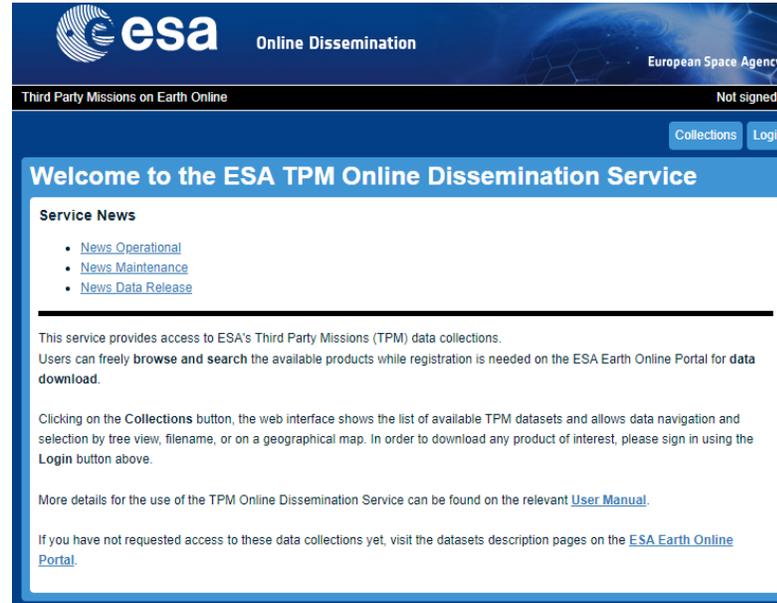
[Access the TPM Online Dissemination Service](#)

For reference, the full list of TPM collections disseminated online (not only through the L-OADS) is accessible from the [TPM online access list](#).

Accessing the TPM L-OADS Dissemination Service

The collections are available **via the [L-OADS interface](#)** through three mechanisms:

- **Geographical search**
- **Tree view**
- **Filename search**



In all cases, data can be viewed by anyone but downloaded only after registering for the TPM dataset of interest on the product description page.

The [list of datasets](#) are available on Earth Online, which describes how to access the datasets.

Tree view

1. Press the “login” button in the banner on the dissemination service home page and log in using your EO Sign-In account (the system will check your authorisation)
2. Click on a collection and then select “Search in collection by treeview”
3. Navigate through the folder tree to find the product of interest (folders vary for different datasets, but may be organised by date of acquisition, path and row, countries etc.)

The list of available products is shown:

4. Click on “Download Product” to start the download (the download starts immediately if you are logged in and authorised)

Tree view: path and row Info

SPOT 6-7 ESA archive

Collection: SPOT 6-7 ESA archive
Path: E028
Row: S26

Available products (3)

SP7_OPER_NAO_P_S_1A_20151110T075300_S25-968_E027-762_0001.SIP.ZIP

Download Product | Product Info | Browse

Start Date: 2015-11-10T07:53:00Z
Stop Date: 2015-11-10T07:53:12Z
Satellite: SPOT 7
Sensor: NAOMI
Sensor Mode: P_S
Product Type: NAO_P_S_1A

SP7_OPER_NAO_P_S_1A_20151110T075200_S25-968_E027-762_0001.SIP.ZIP

Download Product | Product Info | Browse

Start Date: 2015-11-10T07:52:00Z
Stop Date: 2015-11-10T07:52:35Z
Satellite: SPOT 7
Sensor: NAOMI

SPOT 6-7 ESA archive

SPOT 6-7 ESA archive Info

The ESA EO products online search service is a collection-based functionality; available collections data can be searched and accessed.

This collection offers the following search functions:

- [Search in collection by treeview](#)
- [Search in collection by filename](#)
- [Geographical search \(Area of Interest and metadata search\)](#)

You can reach the available data through area definition on map and metadata search by using "Geographical search (Area of Interest and metadata search)" link.

How the TPM L-OADS Dissemination service works

Filename search

1. Press the “login” button in the banner on the dissemination service home page and log in using your EO Sign-In account (the system will check your authorisation)
2. Click on a collection then select “Search in collection by filename”
3. Enter the full filename to search or use wildcards '*' (any number of characters) ; '?' (exactly one character of any type) to substitute for any other character. (e.g. to find all SPOT 6 or 7 NAO_MS__3_ from 2014, enter: SP?_OPER_NAO_MS__3__2014*)

4. Click on “Download Product” to start the download (the download starts immediately if you are logged in and authorised)

How the TPM L-OADS Dissemination service works

Geographical Search

1. Press the “login” button in the banner on the dissemination service home page and log in using your EO Sign-In account (the system will check your authorisation)
2. Click on a collection then select “Geographical search”
3. Depending on the collection, you may see one of the two views of the Geographical search page:

SPOT 6-7 ESA archive

SPOT 6-7 ESA archive Info

The ESA EO products online search service is a collection-based functionality; available collections data can be searched and accessed.

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- [Search in collection by treeview](#)
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Simple Online catalogue: AOI and metadata search

ESA TPM Online Catalogue - Search Form

[back to collections](#)

Collection SPOT6-7
SPOT 6-7 ESA archive. [More details.](#)

This collection is a dataset of SPOT 6 and 7 products that ESA collected over the years.
The dataset regularly grows as ESA collects new products.

Search

Format: HTML search response

Items per page: 10

Geographical Coverage: Lat-Min: Lon-Min: Lat-Max: Lon-Max: Clear

Acquisition Date: single or start date to stop date (optional) Clear

Sensor Mode: select value Clear

Path: enter searched text (* wildcard allowed) Clear

Row: enter searched text (* wildcard allowed) Clear

Product Type: select value Clear

Search

Static Map catalogue: Clickable map

ESA TPM Map Catalogue - Static Map

[back to collections](#) | [list of download URLs](#)

Collection WorldView-2
WorldView 2 European Cities. [More details.](#)

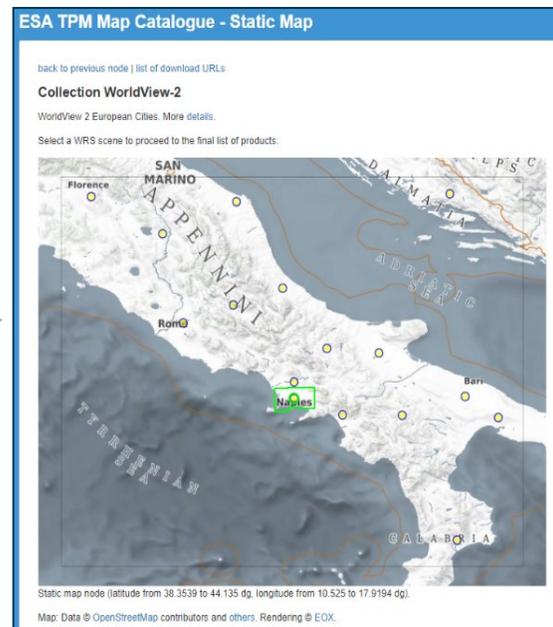
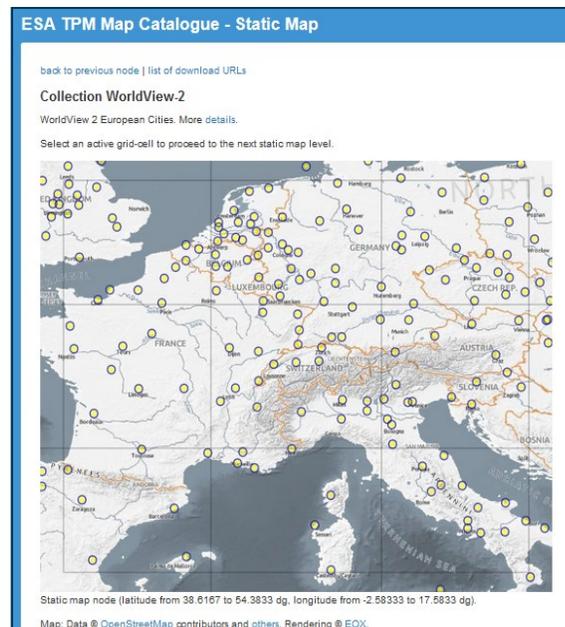
Select an active grid-cell to proceed to the next static map level.

Static map node (latitude from 25 to 68 dg, longitude from -20 to 35 dg).
Map: Data © OpenStreetMap contributors and others. Rendering © EOX.

How the TPM L-OADS Dissemination service works

Geographical Search – Static Map catalogue

1. Click on the areas of interest on the map to narrow down your search
2. When you have reached the level you need, click on your area of interest by selecting a circular point on the map
3. The result window lists the products in the area you have selected
4. Click on “Download Product” to start the download (the download starts immediately if you are logged in and authorised)



ESA TPM Map Catalogue - Product List

back to previous node | list of download URLs

Collection WorldView-2
WorldView 2 European Cities. More details.

List of available products (wrsLongitudeGrid: Italy, wrsLatitudeGrid: Napoli)

WV2_OPER_WV-110_2A_20110405T102207_N40-811_E014-256_4061
[Download Product](#) | [Product Info](#) | [Browse](#)

Platform Short Name	WorldView
Platform Serial Identifier	2
Instrument Short Name	WV1
Product type	WV-110_2A
Orbit	7808
Start Date	2011-04-05T10:22:07Z
Cloud Cover Percentage	0.232
Longitude	Italy
Latitude	Napoli
URAU code	003
Original Name	053963788020_01_P001

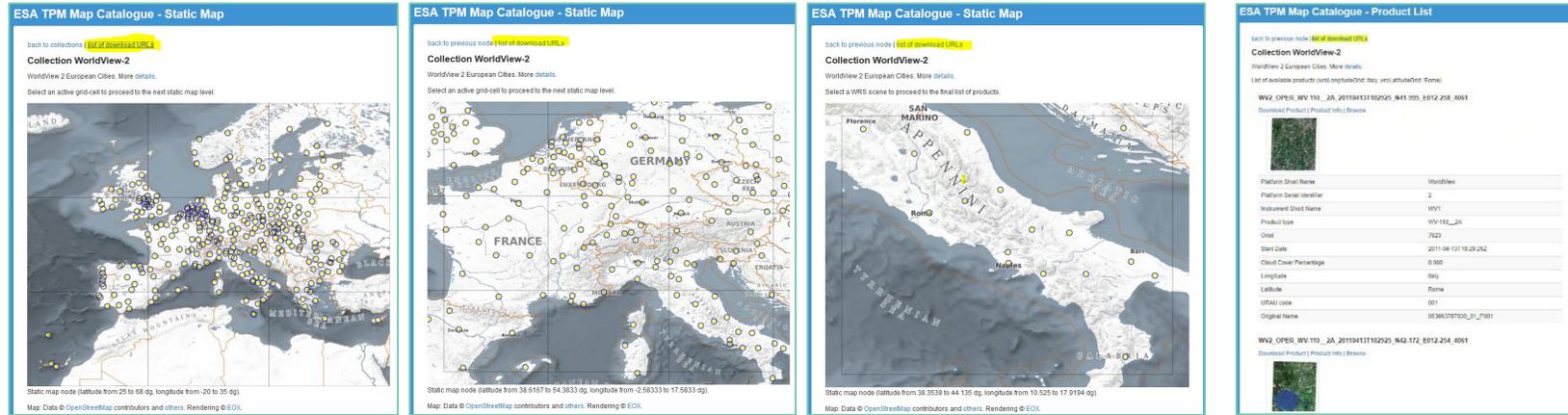
WV2_OPER_WV-110_2A_20110405T102207_N40-943_E014-254_4061
[Download Product](#) | [Product Info](#) | [Browse](#)

Platform Short Name	WorldView
Platform Serial Identifier	2

How the TPM L-OADS Dissemination service works

Static Map catalogue – Multiple downloads

- When changing magnification on the static map, the “list of download URLs” automatically generates a list of links to download the products shown in your current view of the map:

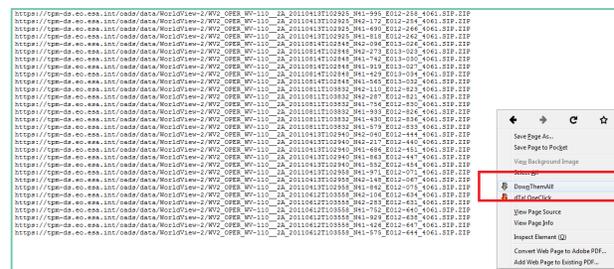


- Click the “List of download URLs” button to retrieve the list of product URLs



```
https://tpm-ds.eo.esa.int/oads/data/WorldView-2/WV2_OPER_WV-110_2A_20110413T102925_N41-995_E012-258_4061.SIP.ZIP
https://tpm-ds.eo.esa.int/oads/data/WorldView-2/WV2_OPER_WV-110_2A_20110413T102925_N42-172_E012-254_4061.SIP.ZIP
https://tpm-ds.eo.esa.int/oads/data/WorldView-2/WV2_OPER_WV-110_2A_20110413T102925_N41-690_E012-266_4061.SIP.ZIP
```

- Use a download accelerator to download all files (e.g.: DownThemAll browser extension available in most versions of Firefox)



important note: The multiple download is available only for searches from the static map catalogue: It is not available for searches by filename or treeview. The “Bulk download” option is used to perform searches from the simple online catalogue.

How the TPM L-OADS Dissemination service works

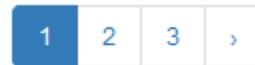
Geographical Search – Simple Online catalogue

1. Enter your search parameters by:
 - Clicking “draw bbox” to draw your Area Of Interest on the map
 - Entering the search parameters in the form
 - Click the “Search” button

Note that the number of items per page is the number of items which will be displayed in the result view

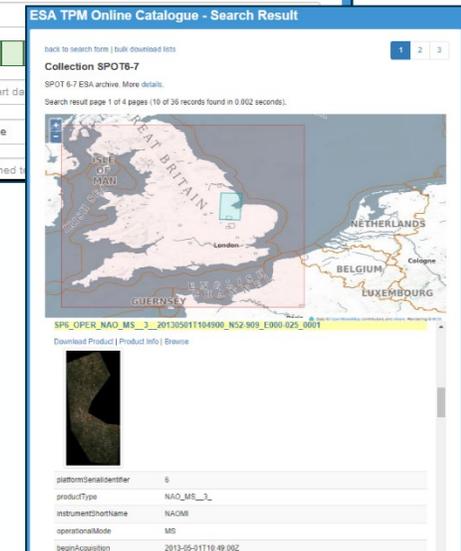
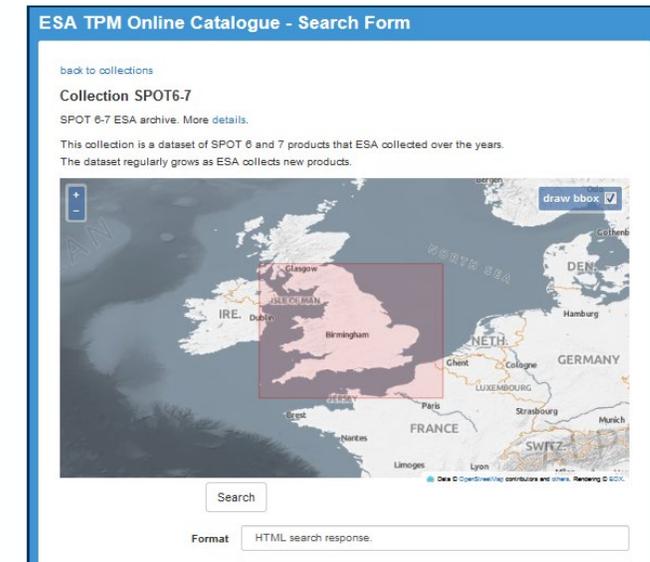
2. The search result window shows the lists of products available in the region of the map you selected, with a metadata overview for each product

Note that depending on the number of search results, there may be more than one page of products listed.



Click on the page numbers on the top right corner to see other products resulting from the search.

3. Click on a product footprint on the map to highlight the product in the list (if more products are available, a list of available products is shown)
4. Click on “Product Info” to view detailed metadata of a product
5. Click on “Download Product” to start the download (the download starts immediately if you are logged in and authorised)



How the TPM L-OADS Dissemination service works

Simple Online catalogue – Bulk downloads

Bulk download is available from the simple online catalogue after authorisation.

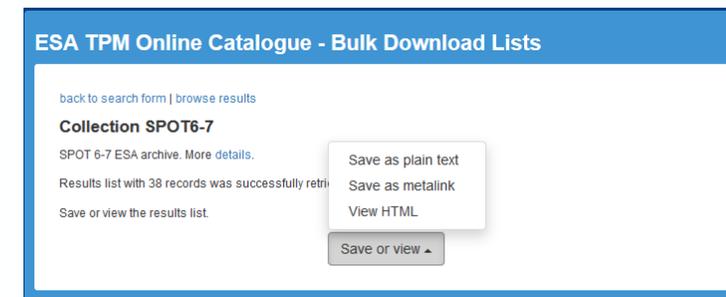
To request the option for bulk download, please submit a request in ESA's [User Services Portal](#) (log in with your EO Sign-In account).

Once authorised, you can download all the products listed in the search results.

1. Click the “Bulk download lists” link to open the bulk download page

2. The system offers three ways to get the list:

- Save as plain text: downloads a list of URLs in a text file, which can be used in scripts for example
- Save as metalink: downloads a metalink, which can be used by most of the download software which has to be locally installed on PC
- View HTML: presents the list of URLs in HTML format which can be used to download all the listed URLs with a download plugin (e.g.: the "DownThemAll" browser extension for most Firefox versions)



Important note: The bulk download option is available only for searches from the simple online catalogue. It is not available for searches by filename or treeview. The “Multiple download” option is available for searches from the simple online catalogue.

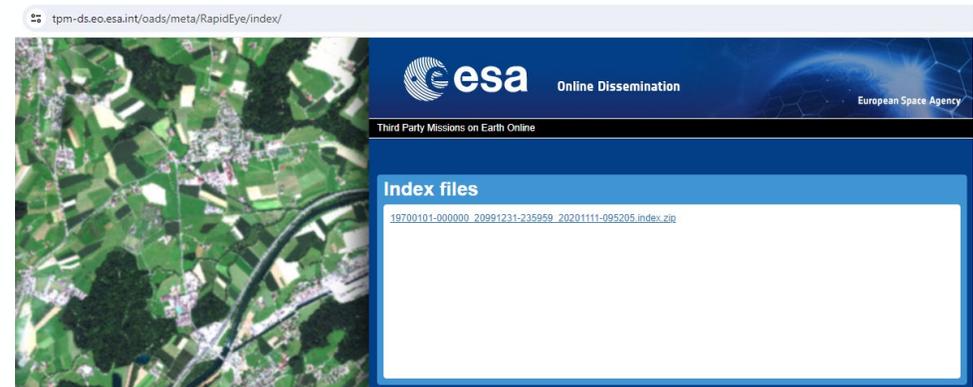
How to extract the list of products metadata

You can download a file containing all of the products and associated metadata for a collection by following these steps:

1. Go to the collection of interest and note the structure of the URL in the address bar:
https://tpm-ds.eo.esa.int/oads/access/collection/<COLLECTION_ID>



2. Change the URL to:
https://tpm-ds.eo.esa.int/oads/meta/<COLLECTION_ID>/index/
(i.e. change “access/collection” to “meta” and add “/index/” at the end)



3. Click the .zip file link to download it

recordLastUpdate	beginAcquisition	endAcquisition	availabilityTime	platformShortName	platformSerialIdentifier	instrumentShortName	sensorType	operationalMode	resolution	orbitNumber	orbitDirection	wgsLongitudeGrid	wgsLatitudeGrid
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E031	N38 178.3746	71.39421	38.585 31.0654	38.3598 31.0715 38.3642 31.0715
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E030	N38 176.7744	71.32582	38.5746 30.5148	38.3495 30.5225 38.3552 30.5148
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E030	N38 177.5742	71.33118	38.5801 30.7901	38.355 30.7969 38.36 31.082
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E030	N38 177.5419	71.11488	38.7962 30.7834	38.5711 30.7904 38.5762 31.082
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E030	N38 176.7486	71.10944	38.7907 30.5073	38.5656 30.5151 38.5714 30.5073
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E030	N38 177.5101	70.89856	39.0123 30.7767	38.7873 30.7837 38.7924 31.082
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E031	N38 178.2977	70.90178	39.0173 31.0537	38.7922 31.0599 38.7966 31.0537
2017-03-02T10:50:30Z	2013-05-18T09:48:37Z	2013-05-18T09:50:09Z	2013-05-18T09:50:09Z	RapidEye	RE-4	MSI OPTICAL IMG	6.5 0	DESCENDING	E031	N38 178.3358	71.11900	38.8011 31.0596	38.576 31.0657 38.5804 31.0596
2017-03-02T10:50:30Z	2013-05-18T09:28:03Z	2013-05-18T09:29:09Z	2013-05-18T09:29:09Z	RapidEye	RE-5	MSI OPTICAL IMG	6.5 0	DESCENDING	E038	N53 181.9615	56.62365	53.2847 37.9125	53.0601 37.9182 53.0629 37.9125

In order to provide a good quality of service, when you register for a collection a default user profile is assigned to your account **(Standard User)**.

According to the available resources and workload, this may entitle you to a daily download quota.

If you need to increase that quota, please submit a request in ESA's [User Services Portal](#) and ask for your user profile to be upgraded.

While downloading products you will see an error message if you have exhausted your daily quota.

Production failures and feedback



If you encounter any problems or need assistance, please submit a query in ESA's [User Services Portal](#)

