

# TPM Online Dissemination Service through L-OADS

## User Manual

The online dissemination system has been developed for some Third Party Missions data collections. This system will allow end-users to gain direct access to ESA's TPM collections, without the need to interface with the ESA Order Desk.

The TPM collections disseminated online through the L-OADS system are accessible at <https://tpm-ds.eo.esa.int/>

For information, the full list of TPM collections disseminated online (not only through the L-OADS) is accessible from the TPM online access list <https://tpm-ds.eo.esa.int/collections/>

# Accessing the TPM L-OADS Dissemination Service



The collections are available **via the L-OADS interface** home page at <https://tpm-ds.eo.esa.int/> through 3 mechanisms:

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

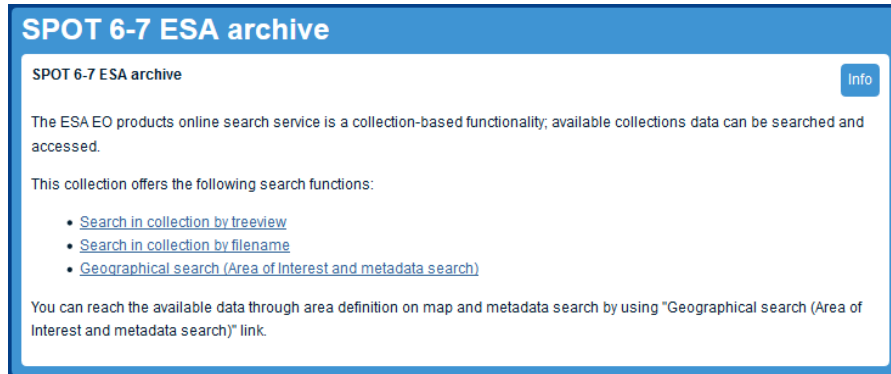
In all cases, data can be viewed by anyone but downloaded only after subscription for the TPM dataset of interest on the product description page. The list of datasets are available at <https://earth.esa.int/eogateway/search?text=&category=Data&subFilter=data%20description&sortBy=RELEVANCE> where users can subscribe to access the datasets.



## Tree view

1. Press the "login" button on the home page top-right and log in using your EO Sign In ID (the system will check your authorisation)
2. Click on a collection then select "Search in collection by treeview"
3. Navigate through the folder tree to find the product of interest (folders can be date of acquisition, path and row, countries, ... depending on the dataset)

The list of the available products is shown:



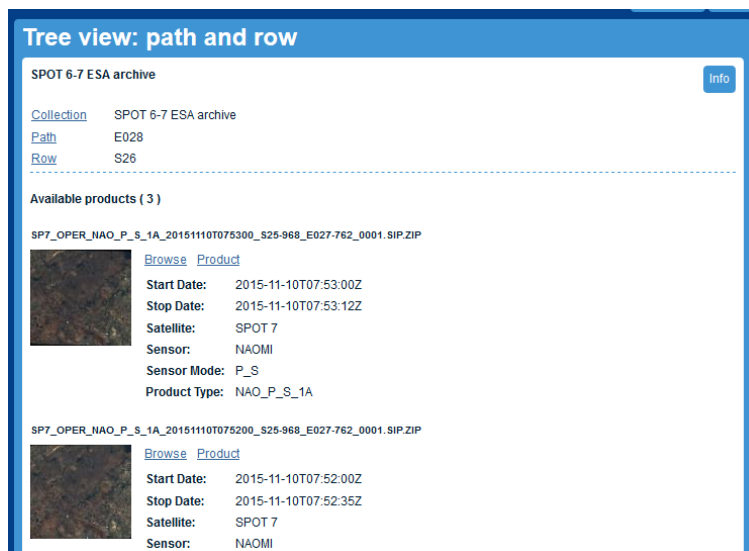
**SPOT 6-7 ESA archive** Info

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.



**Tree view: path and row** Info


**SPOT 6-7 ESA archive**

[Collection](#) SPOT 6-7 ESA archive  
[Path](#) E028  
[Row](#) S26

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Available products ( 3 )

SP7\_OPER\_NAO\_P\_S\_1A\_20151110T075300\_S25-968\_E027-762\_0001.SIP.ZIP

 [Browse](#) [Product](#)

**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

 [Browse](#) [Product](#)

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

4. Click on "Product" to start the download (the download starts immediately if user logged in and authorized)

# How the TPM L-OADS Dissemination service works

## Filename search

### SPOT 6-7 ESA archive

#### SPOT 6-7 ESA archive

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.

1. Press the "login" button on the home page top-right 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 chars) ; '?' (exactly one character of any type) to substitute for any other character. (e.g. to find all SPOT 6 or 7 NAO\_MS\_\_3\_\_ for year 2014 type: SP?\_OPER\_NAO\_MS\_\_3\_\_2014\*)

### Search in collection by filename

#### SPOT 6-7 ESA archive

Collection SPOT 6-7 ESA archive

Enter a filename to search for products.

Use the wildcards "\*" (any number of characters of any type) and "?" (exactly one character of any type) to substitute for any other character(s). At least 10 contiguous, non-wildcard characters are required.

- Show search result as product list
- Show search result as URL list

SP?\_OPER\_NAO\_MS\_\_3\_\_2014\*

### Search in collection by filename

#### SPOT 6-7 ESA archive

Collection SPOT 6-7 ESA archive

Enter a filename to search for products.

Use the wildcards "\*" (any number of characters of any type) and "?" (exactly one character of any type) to substitute for any other character(s). At least 10 contiguous, non-wildcard characters are required.


- Show search result as product list
- Show search result as URL list

SP?\_OPER\_NAO\_MS\_\_3\_\_2014\*

#### Available products ( 10 )

SP7\_OPER\_NAO\_MS\_\_3\_\_20140904T081500\_S17-549\_E024-494\_0001.SIP.ZIP


[Browse](#) [Product](#)



**Start Date:** 2014-09-04T08:15:00Z  
**Stop Date:** 2014-09-04T08:15:41Z  
**Satellite:** SPOT 7  
**Sensor:** NAOMI  
**Sensor Mode:** MS  
**Product Type:** NAO\_MS\_\_3\_\_

SP6\_OPER\_NAO\_MS\_\_3\_\_20141121T072600\_S17-192\_E035-541\_0001.SIP.ZIP

[Browse](#) [Product](#)



**Start Date:** 2014-11-21T07:26:00Z  
**Stop Date:** 2014-11-21T07:26:24Z  
**Satellite:** SPOT 6  
**Sensor:** NAOMI

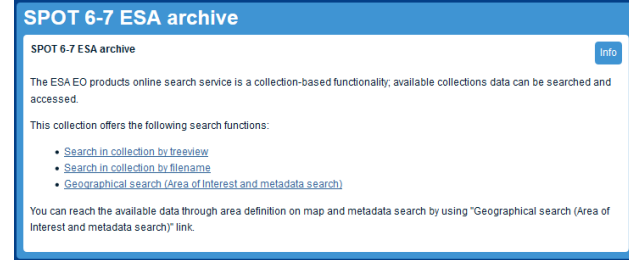
4. Click on the product filename to start the download (the download starts immediately if user logged in and authorized)



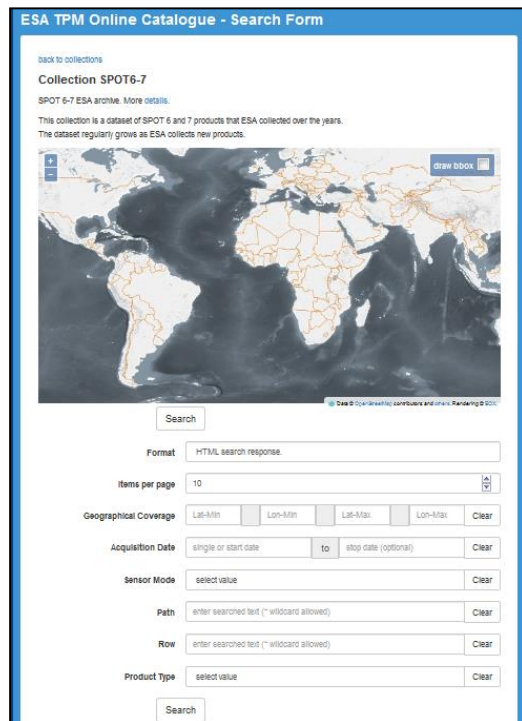
# How the TPM L-OADS Dissemination service works

## Geographical Search

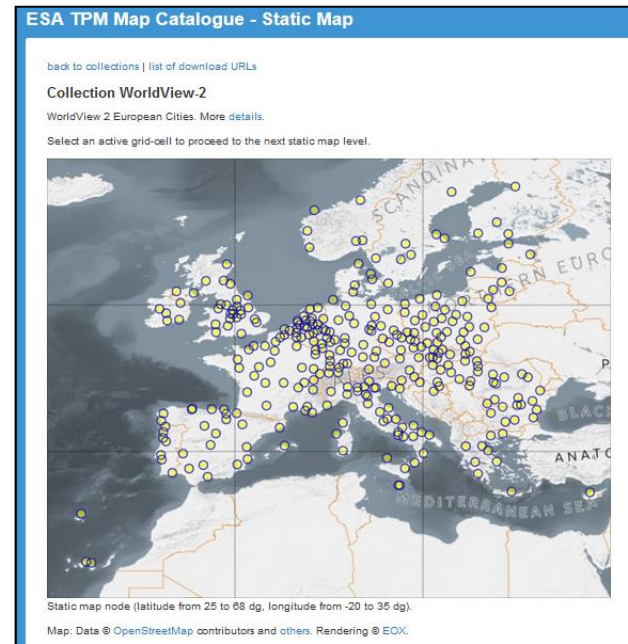
1. Press the "login" button on the home page top-right and log in using your EO Sign In account (the system will check your authorisation).
2. Click on a collection then select "Geographical search"
3. Depending on the collection, the user is linked to one of the two following "Geographical search":



### Simple Online catalogue: AOI and metadata search



### Static Map catalogue: Clickable map

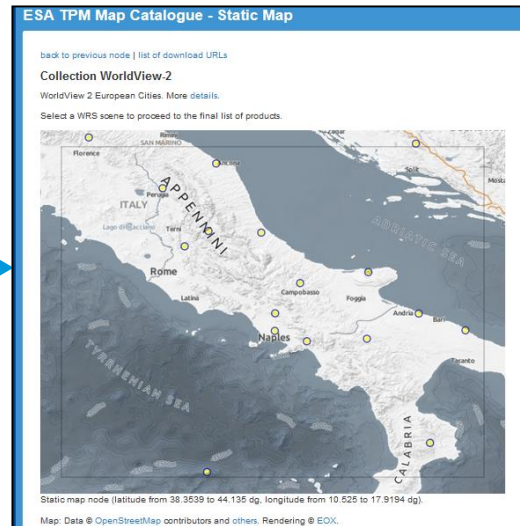
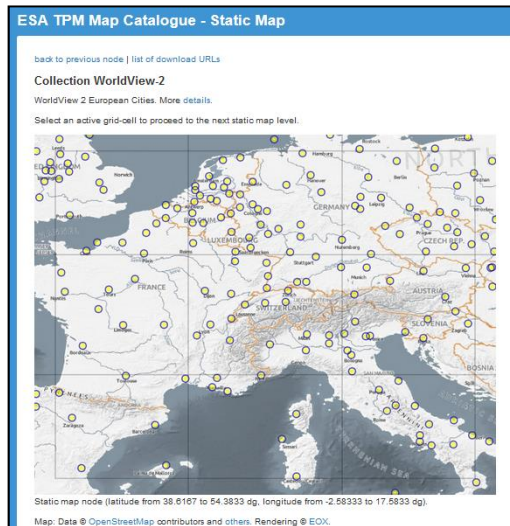


# How the TPM L-OADS Dissemination service works

## Geographical Search – Static Map catalogue



1. Click on the map area of interest to narrow down your search
2. At last level, click on the region of your interest
3. The result window lists the products in the last clicked region
4. Click on “download” to start the download (the download starts immediately if user logged in and authorized)



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).

[download](#) | [browse image](#)

platformShortName	WorldView
platformSerialIdentifier	2
instrumentShortName	WV1
productType	WV-110__2A
orbitNumber	8239
beginAcquisition	2011-05-05T10:28:07Z
cloudCoverPercentage	0.000
wrsLongitudeGrid	Italy
wrsLatitudeGrid	Napoli
ursu	003
originalName	053983714010_01_P001

**WV2\_OPER\_WV-110\_\_2A\_20110505T102607\_N40-868\_E014-260\_4061**

[download](#) | [browse image](#)

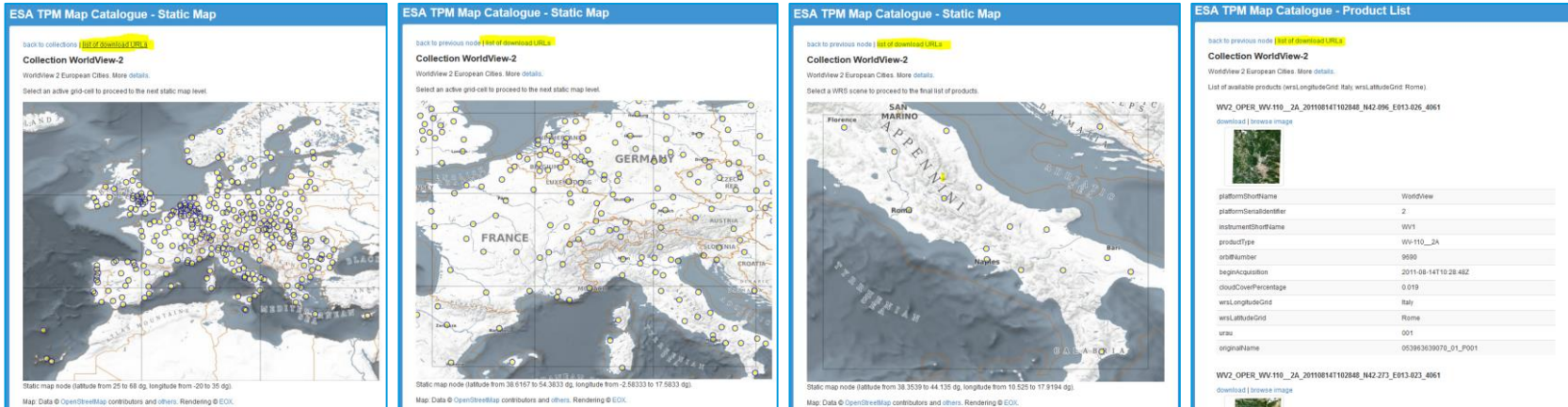


# How the TPM L-OADS Dissemination service works

## Static Map catalogue – Multiple downloads



- At each zoom level of the static map, the “list of download URLs” link provides the list of downloadable URLs of the products shown on the map



- Click the “List of download URLs” to retrieve the list of downloadable URLs of the products shown

URLs of products over Europe

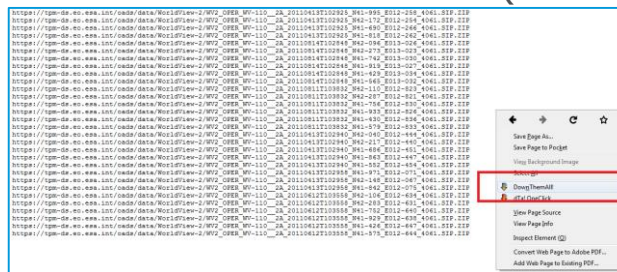
URLs of products over central Europe

URLs of products over Italy

URLs of products over Rome

```
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 URLs (ex: DownThemAll add-on to most Firefox versions)



**important note:** The multiple download is available only for searches from static map catalogue: It is not available for searches by filename or treeview, while “Bulk download” is available for searches from simple online catalogue





# How the TPM L-OADS Dissemination service works

## Geographical Search – Simple Online catalogue



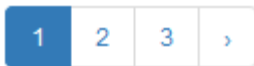
1. Enter your search parameters by:
  - Clicking “draw bbox” to draw your Area Of Interest on the map
  - Filling the search parameters at your convenience

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

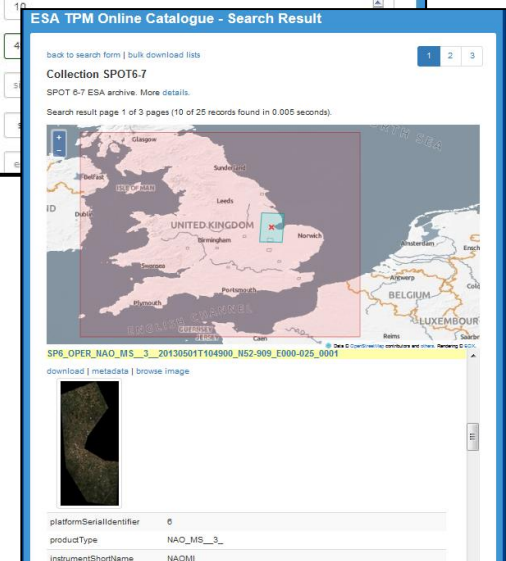
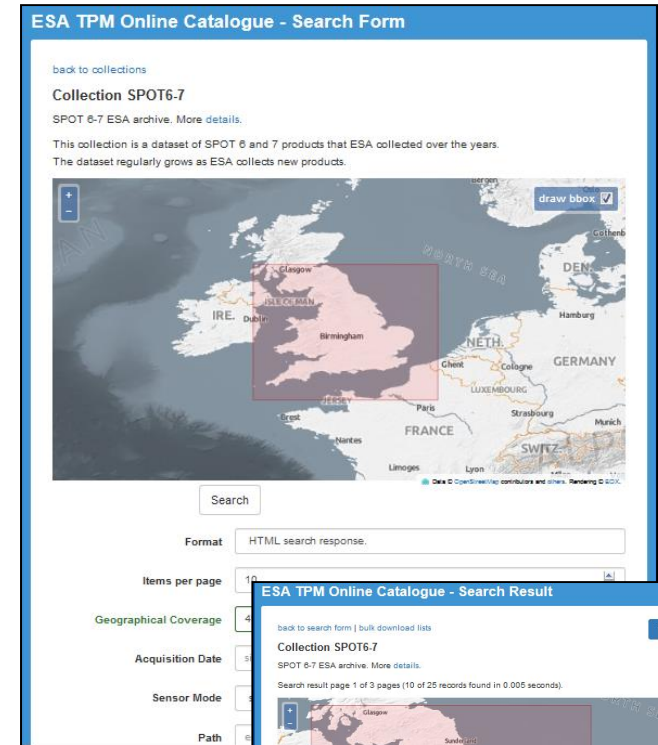
2. The result window shows the searched products on that map and a list of them with metadata overview

Note that the products shown in the result window can be presented on different pages.



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 from the list (if more products available, a list of available products is shown), and conversely
4. Click on “metadata” link to view the detailed metadata of a product
5. Click on “download” to start the download (the download starts immediately if user logged in and authorized)



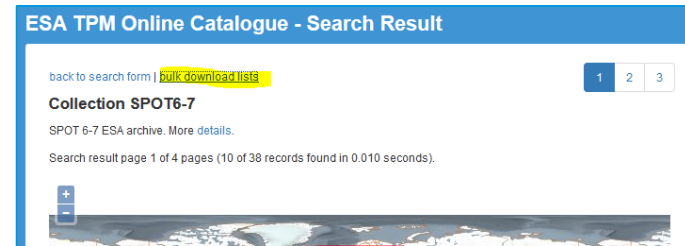
# How the TPM L-OADS Dissemination service works

## Simple Online catalogue – Bulk downloads



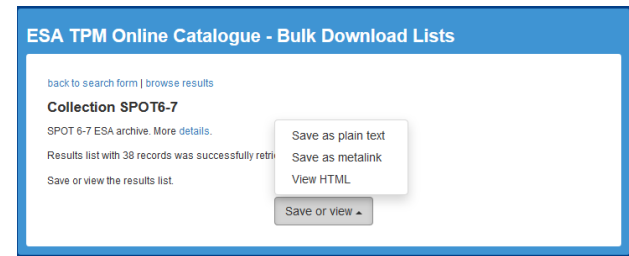
Bulk download is available from the simple online catalogue after authorisation (request to [Eohelp@esa.int](mailto:Eohelp@esa.int)). Once authorised, from the search result page, users can download all the products resulting from the search

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



2. The system proposes 3 ways to get the list:

- save as plain text: downloads a list of URLs as 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 which allows to download all the listed URLs with a download plugin (ex: free "DownThemAll" for most Firefox versions)



**important note:** The bulk download is available only for searches from simple online catalogue: It is not available for searches by filename or treeview, while "Multiple download" is available for searches from simple online catalogue



# How to extract the list of products metadata

Users can download a file listing, for a collection, all the products and associated metadata

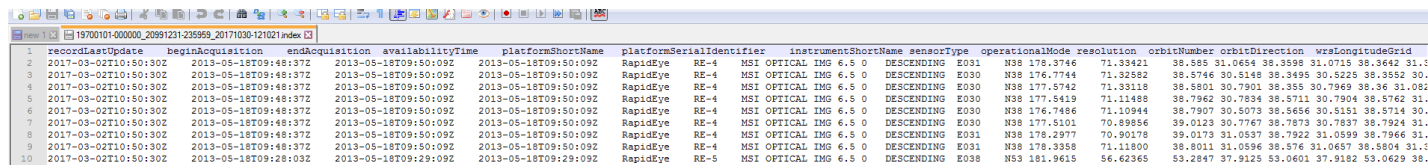
1. Go to the collection of interest: [https://tpm-ds.eo.esa.int/oads/access/collection/<COLLECTION\\_ID>](https://tpm-ds.eo.esa.int/oads/access/collection/<COLLECTION_ID>)



2. Update the URL to [https://tpm-ds.eo.esa.int/oads/meta/<COLLECTION\\_ID>/index/](https://tpm-ds.eo.esa.int/oads/meta/<COLLECTION_ID>/index/) ("access/collection" to "meta"; add "/index/" to the end")



3. Click the .zip file link to download it



recordIdAsUpdate	beginAcquisition	endAcquisition	availabilityTime	platformShortName	platformSerialIdentifier	instrumentShortName	sensorType	operationalMode	resolution	orbitNumber	orbitDirection	wrsLongitudeGrid
1	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	71.33421	38.585 31.0654 38.3598 31.0715 38.3642 31.0...
2	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 38.3498 30.5228 38.3352 30...
3	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...
4	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...
5	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...
6	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...
7	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...
8	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	71.11800	38.8011 31.0596 38.576 31.0657 38.5804 31...
9	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...
10	2017-03-02T10:50:30Z	2013-05-18T09:29:03Z	2013-05-18T09:29:03Z	2013-05-18T09:29:03Z	RapidEye	RE-5	MSI OPTICAL IMG 6.5 0	DESCENDING	E038	N50 181.9615	56.62365	53.2847 37.9125 53.0601 37.9182 53.0629 38...

In order to provide a good quality of service, at the subscription to a collection, a default user profile will be assigned to the user (**Standard User**).

According to the available resources and workload, the user could have a per day quota.

A user can ask a profile upgrade to EOHelp in order to increase the daily quota

If, during a request, you have exhausted your daily quota you will receive an error message.



# Production failures and feedback



For further information, please contact [eohelp@esa.int](mailto:eohelp@esa.int)

