



Data (<https://Eart...> / [WorldView-3 Fu...](#))

WorldView-3 full archive and tasking

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How To Access Data

The collection is open for research and application development, prototype and test projects to users located in the territory of ESA Member States (including Canada) and in the European Commission Member States.

Data are available for on demand ordering, upon submission of a Project Proposal subject to evaluation and acceptance by ESA and the data owner (product/programming quotas are assigned if applicable). The process usually takes up to two weeks and there are no deadlines for submitting a proposal.

- How to access data requiring a project proposal (https://esatellus.service-now.com/csp?id=esa_kb_article_view&sys_id=fc1bf2a41b324d5014ea6392f54bcbb6)
- Submit a new Proposal (https://esatellus.service-now.com/csp?id=project_proposal&dataset=GeoeyeQuickbirdWorldview)

For further information about the EO Sign In Service you can visit TellUs (https://esatellus.service-now.com/csp?id=esa_faq&kb_category=3e0b38dedb212700ee849785ca96194e)

Should you need support please contact EOHHelp (https://esatellus.service-now.com/csp?id=esa_simple_request&sys_id=f27b38f9dbdffe40e3cedb11ce961958)

ESA will support as many high-quality and innovative projects as possible within the quota limit available, therefore only a limited amount of products can be allowed to each project. Availability and restrictions to the use of the data are described in the ESA Third Party Missions (TPM) T&C

[/eogateway/documents/20142/1560778/ESA-Third-Party-Missions-Terms-and-Conditions.pdf] and in the Terms of Applicability document [/eogateway/documents/20142/37627/WorldView-GeoEye-QuickBird-Terms-Of-Applicability.pdf/0b194dc8-6517-f2d8-6efc-ac7c4b8c66c8]

Description

WorldView-3 high resolution optical products are available as part of the Maxar Standard Satellite Imagery products from the QuickBird, WorldView-1/-2/-3/-4, and GeoEye-1 satellites. All details about the data provision, data access conditions and quota assignment procedure are described into the Terms of Applicability available in Resources section.

In particular, WorldView-3 offers archive and tasking panchromatic products up to 0.31m GSD resolution, 4-Bands/8-Bands products up to 1.24 m GSD resolution, and SWIR products up to 3.70 m GSD resolution.

Band Combination	Data Processing Level	Resolution
High Res Optical: Panchromatic and 4-bands	Standard(2A)/View Ready Standard (OR2A)	15 cm HD, 30 cm HD, 30 cm, 40 cm, 50/60 cm
	View Ready Stereo	30 cm, 40 cm, 50/60 cm
	Map Ready (Ortho) 1:12.000 Orthorectified	15 cm HD, 30 cm HD, 30 cm, 40 cm, 50/60 cm
High Res Optical: 8-bands	Standard(2A)/View Ready Standard (OR2A)	30 cm, 40 cm, 50/60 cm
	View Ready Stereo	30 cm, 40 cm, 50/60 cm
	Map Ready (Ortho) 1:12.000 Orthorectified	30 cm, 40 cm, 50/60 cm
High Res Optical: SWIR	Standard(2A)/View Ready Standard (OR2A)	3.7 m or 7.5 m (depending on the collection date)
	Map Ready (Ortho) 1:12.000 Orthorectified	

4-Bands being an optional from:

- 4-Band Multispectral (BLUE, GREEN, RED, NIR1)
- 4-Band Pan-sharpened (BLUE, GREEN, RED, NIR1)
- 4-Band Bundle (PAN, BLUE, GREEN, RED, NIR1)
- 3-Bands Natural Colour (pan-sharpened BLUE, GREEN, RED)
- 3-Band Colored Infrared (pan-sharpened GREEN, RED, NIR1)

8-Bands being an optional from:

- 8-Band Multispectral (COASTAL, BLUE, GREEN, YELLOW, RED, RED EDGE, NIR1, NIR2)
- 8-Band Bundle (PAN, COASTAL, BLUE, GREEN, YELLOW, RED, RED EDGE, NIR1, NIR2)

Native 30 cm and 50/60 cm resolution products are processed with MAXAR HD Technology to generate respectively the 15 cm HD and 30 cm HD products: the initial spatial resolution (GSD) is unchanged but the HD technique increases the number of pixels and improves the visual clarity achieving aesthetically refined imagery with precise edges and well reconstructed details.

The list of available archived data can be retrieved using the Image Library (<https://www.euspaceimaging.com/image-library/>) catalogue.

Details

DATA SET SPECIFICATIONS

Spatial coverage:

90 N, -90 S, -180 W, 180 E

Temporal coverage:

2014-09-01 - present

Date of launch:

2014-08-13

Operators:

Maxar

Mission status:

onGoing

Orbit height:

617 km

Orbit type:

Sun-synchronous

Swath width:

13.1 km

Resolution:

Very High Resolution - VHR (0 - 5m)

Wavelengths:

VIS (0.40 - 0.75 μm), NIR (0.75 - 1.30 μm), SWIR (1.3 - 3.0 μm)

PROCESSING LEVEL

level 2 , level 3 , multiple

APPLICABLE TERMS & CONDITIONS

Specific restrictions to the use of data may apply for TPMs according to the terms of applicability valid for each mission. Utilisation of this data is subject to ESA's Earth Observation Terms and Conditions

READ T&C (<https://earth.esa.int/eogateway/documents/20142/1560778/ESA-Third-Party-Missions-Terms-and-Conditions.pdf>)

RESOURCES



Map Ready
imagery data
sheet

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(<https://earth.esa.int/eogateway/documents/20142/37627/Map->

Product
Specifications

Ready-imagery-data-sheet.pdf/83b9a034-5548-1fc7-4744-8d0fdb922f52)



GeoStereo
product
details
Product
Specifications

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(<https://earth.esa.int/eogateway/documents/20142/37627/DigitalGlobe-GeoStereo.pdf>)



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View Ready
imagery data
sheet
Product
Specifications

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Short
WaveInfrared
data sheet
Product
Specifications

DOWNLOAD

(<https://earth.esa.int/eogateway/documents/20142/37627/Short-Wave-Infrared-Imagery.pdf/3eb8921b-c23a-ca04-b476-c471b31a87ea>)



WorldView,
GeoEye,
QuickBird
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Swarm DISC ITT-5.1 New Deadline Extension (</eogateway/news/swarm-disc-itt-5-1-new-deadline-extension>)

Maintenance on interface for Fast Registration with immediate access requests
(</eogateway/news/maintenance-on-interface-for-fast-registration-with-immediate-access-requests>)

Tracking mountainous glaciers using TanDEM-X (</eogateway/news/tracking-mountainous-glaciers-using-tandem-x>)

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