

Ortofoto 2015



Product:	Ortofoto 2015
Date of photography:	April-May 2015
Resolution:	0.25 m/pixel
Geographic coverage:	Complete Göteborg
Image format:	GeoTIFF with LZW compression
Image tiling:	1x1 km
Coordinate system:	SWEREF 99 12 00 (EPSG: 3007)
Data owner:	Göteborgs Stad
Licence:	Creative Commons, CC0
Contact:	Göteborgs Stad Stadsbyggnadskontoret Tel: +46 31 – 368 15 40

Contents

The product is delivered as images and metadata compressed to downloadable zip files. Images are grouped by 10x10 km squares according to the SWEREF 99 12 00 grid.

In order to describe the dataset, two shapefiles are provided:

- index_2015.shp (index of the dataset's image files, shape file)
- mask_2015.shp (mask of the dataset's geographic coverage)

Index of images and packages

Green color shows the geographic index of the dataset. Yellow color shows the index of packages for delivery.

641_12	641_13	641_14	641_15	641_16
640_12	640_13	640_14	640_15	640_16
639_12	639_13	639_14	639_15	639_16
638_12	638_13	638_14	638_15	638_16
637_12	637_13	637_14	637_15	637_16

Download instructions

1. Identify and download desired zip files.
2. Create a destination catalog.
3. Unzip all zip files to the destination catalog.

It is not necessary to download all zip files. However, after download, the image files need to be found in the corresponding subfolders in order to have proper index file links.

Image properties

Format:	GeoTIFF
Band:	3 (RGB)
Color depth:	8 bits per band
Data type:	Byte
Coordinate system:	SWEREF 99 12 00
Resolution:	0.25 m/pixel
Compression:	LZW
Image size:	4000 x 4000 pixels
Image area:	1x1 km
Block:	256 x 256
Nodata Value:	0
Alpha band:	No
Georeferencing:	Yes
World file:	TFW
Comments:	Coordinate system and georeferencing are stored in the header of the GeoTIFF file. World files are complementary.

Data acquisition

Season:	After snowmelt, before leafing
Date of photography:	2015-04-22, 2015-04-23, 2015-05-14, 2015-05-15
Aircraft:	Fixed wing
Image overlap:	60 % / 30 % (within / between flight lines)
Sun angle:	At least 32 degrees
Flying altitude:	Ca. 1000 m
Camera:	Vexcel Ultracam Xp

Change log

Version	Datum	Description
1.0	2019-11-14	Document created.