

**Geospatial Ontario Digital Imagery Order Form**

Ordering and delivery of openly available digital imagery files requires the completion of this form. As an alternative, instantly access **Open Data Imagery Web Map Services (WMS)** available for most orthophotography acquired prior to 2019. Please see the [Ontario Imagery Program Geohub Page](https://geohub.lio.gov.on.ca/pages/ontario-imagery-program) for current availability and information on accessing WMS’s.

Date: Click or tap to enter a date.

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| **Contact Information** | |
| \*Name: |  |
| \*Organization |  |
| \*Email: |  |
| \*Phone: |  |
| \*Address: |  |

**Geospatial Ontario**

Ministry of Natural Resources

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[Geospatial Ontario | ontario.ca](https://www.ontario.ca/page/geospatial-ontario)

*Any personal information collected on this form is necessary to the delivery of Geospatial Ontario’s (GEO) Digital Imagery Program and will be used to fulfill this order and respond to any additional questions an individual may have included. Personal information may be shared with Ontario Shared Services, Ministry of Government and Consumer Services under a Service Level Agreement for the purposes of revenue processing and collections. If you have any questions about the collection or use of your personal information, please contact GEO Support at email:* [*imageryorders@ontario.ca*](mailto:imageryorders@ontario.ca)*, or phone: (705) 772-5891.*

I am 16 years of age or older

**How to Order Digital Imagery:**

1. Select the acquisition and product you wish you order under the Order Information section. Create a list or shapefile of tiles you require using the product indexes found in Appendix A. Orders can only be obtained on a whole tile basis; partial tiles are not available for purchase.
2. Select the method(s) of delivery.
3. Indicate the method of payment.
4. Submit the completed form and attached list of tiles to [imageryorders@ontario.ca](mailto:imageryorders@ontario.ca).

The Imagery Orders will contact you in 1-3 business days to confirm your order.

As part of providing [accessible customer service](https://www.ontario.ca/page/accessible-customer-service-policy), please contact [imageryorders@ontario.ca](mailto:imageryorders@ontario.ca) or call (705) 772-5891 if you have any accommodation needs.

Pricing Information:

As of September 2024, all imagery where the Province of Ontario owns the intellectual property is now openly accessible and free of cost. Openly accessible imagery datasets are listed in Appendix A. Restricted imagery datasets are accessible to Ontario ministries only and are listed in Appendix B.

**Handling Fee:**

|  |  |
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| **Volume of Information Ordered** | **Cost** |
| Less than 16GB by FTP | No Cost |
| Non-FTP or greater than 16GB up to 500GB | $50 |
| Greater than 500GB up to 1TB | $100 |
| Each Additional TB | $100 |

Order Information:

Please select which acquisition(s) and product(s) you would like to order. A list of tiles can be easily generated and exported as Comma Separated Values (.csv) from the LIO Imagery Orders Web App for acquisitions from 2018 and newer.

|  |  |  |
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| **Acquisition** | **Product** | **List of Tiles or Shapefile Included** |
| Openly Available Orthophotography  Choose an item.  Choose an item. | Choose an item.  Choose an item. | Yes  No  Yes  No |
| Choose an item.  Choose an item. | Choose an item.  Choose an item. | Yes  No  Yes  No |
| Restricted to OPS Only  Choose an item. | Choose an item. | Yes  No |

**\*\*For detailed information on acquisitions, products and links to each index, please refer to Appendix A and B.**

**License Terms and Conditions:**

Open Imagery Data

By accepting openly available imagery products you agree to use the data within the limitations set out in the [Open Government License](https://www.ontario.ca/page/open-government-licence-ontario).

Restricted Imagery Data

By accepting other imagery products not provided as open data, you agree to become a Licensee bound by the terms and conditions of the [Ontario Digital Imagery Licence](https://www.publicdocs.mnr.gov.on.ca/mirb/Ontario_Digital_Imagery_Licence.pdf) and hereby acknowledge that you have read and understand the license.

**Delivery Information:**

The following table outlines delivery options and associated costs. When placing an order please select the preferred method for delivery. Availability of delivery methods are dependent on number of product(s) and required space (GB). Method of delivery is finalized with GEO Support.

1TB, 2TB, 4TB and 5TB drives are available for purchase. GEO Support will select the appropriate drive to deliver the imagery and communicate the additional cost to you. Availability and prices of hard drives are subject to change without notice.

For orders larger than 16GB, please allow 3-6 business days to fill your order after you have confirmed the order quote. For orders less than 16 GB, we require 1 business day to fill your order once you have confirmed the quote.

**\* Loaner external hard drives must be returned in the original packaging or sufficient packaging to the MNR within 15 business days or your account will be charged.**

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| **Delivery Media** | **Pricing** | **Selection** |
| File Transfer Protocol (FTP) [up to 16GB] | Free |  |
| Memory Stick (MNRF supplied) [up to 64GB] | Free |  |
| Loaner External Hard Drive (sizes vary) \* | Free |  |
| Bare/Internal Drive (used, requires a docking station) | Free |  |
| External Hard Drive (new drive, MNRF supplied) | See below |  |
| 1 TB | $70.00 +HST |  |
| 2 TB | $90.00 +HST |  |
| 4 TB | $150.00 + HST |  |
| 5 TB | $170.00 + HST |  |

**Payment Information:**

Following your acceptance of the imagery quote the order is made available to you online or shipped on media. Ontario Shared Services (OSS) will mail an invoice to the name and address indicated on this form. Detailed payment instructions are included with the invoice. Payments can be made by credit card (VISA or MasterCard) for amounts up to $5000. Amounts in excess of $5000 are made payable by cheque to the Minister of Finance. OSS does not accept electronic funds transfers. Payment due dates will be indicated on the invoice. Overdue accounts will be charged interest at a rate set by the Minister of Finance.

Appendix A: Publicly available data - Metadata, Index Links, and Imagery products selection.

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| --- | --- | --- |
| **Project Metadata** | **Product Details**  **with Index Download (shapefile)** | **Formats Available** |
| [Eastern Ontario (DRAPE) 2024](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2024-1km-index/about) | [Orthorectified Tiles UTM18 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2024-1km-index/explore)  [Stereo data - UltraCam Frame based – 8 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/9a801f9216244e16a23a36bf722ae7a5_0/explore) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 16cm RGBNiR |
| [South Central Ontario (SCOOP) 2023](https://geohub.lio.gov.on.ca/maps/5ce3ba3176564c46969f064453742f1a/about) | [Orthorectified Tiles UTM17 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2023-1km-index/about?layer=2)  [Orthorectified Tiles UTM18 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2023-1km-index?layer=3)  [Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2023-stereo-index-1/about) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 12cm RGBNiR |
| [Northwestern Ontario (NWOOP) 2022](https://geohub.lio.gov.on.ca/maps/north-western-ontario-orthophotography-project-nwoop-2022-1km-index/about) | [UTM Z15 Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::north-western-ontario-orthophotography-project-nwoop-2022-1km-index/explore?layer=1&location=48.107006%2C-89.283616%2C6.56)  [UTM Z16 Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::north-western-ontario-orthophotography-project-nwoop-2022-1km-index/explore?layer=0&location=48.101726%2C-89.283616%2C6.48)  [UTM Z15 Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/nwoop2022-z15-stereo-index/explore?location=48.101804%2C-89.282249%2C6.55)  [UTM Z16 Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::nwoop2022-z16-stereo-index/explore?location=48.100556%2C-89.282249%2C6.53) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 16cm RGBNiR |
| [Central Ontario (COOP) 2021](https://geohub.lio.gov.on.ca/datasets/lio::central-ontario-orthophotography-project-coop-2021-1km-index/about) | [Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::central-ontario-orthophotography-project-coop-2021-1km-index/explore?location=47.023362%2C-81.013595%2C7.43)  [Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/central-ontario-orthophotography-project-coop-2021-stereo-index/explore?location=47.025788%2C-81.020513%2C7.45) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 16cm RGBNiR |
| [Southwestern Ontario](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2020-1km-index/about)  [(SWOOP) 2020](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2020-1km-index/about) | [Orthorectified Tiles UTM 17 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2020-1km-index/about)  [Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2020-stereo-index-/explore?location=43.606001%2C-81.071040%2C7.12) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 12cm RGBNiR |
| [Eastern Ontario (DRAPE) 2019/2020](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2019-2020-1km-index/about) | [Orthorectified Tiles - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2019-2020-1km-index/about)  [Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/digital-raster-acquisition-project-eastern-ontario-drape-2019-2020-stereo-index/explore?location=43.604367%2C-81.071040%2C7.80) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 12cm RGBNiR |
| [South Central Ontario (SCOOP) 2018](https://geohub.lio.gov.on.ca/maps/south-central-ontario-orthophotography-project-scoop-2018-1km-index/about) | [Orthorectified Tiles UTM17 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2018-1km-index?layer=0)  [Orthorectified Tiles UTM18 - 1km x 1km, 16cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2018-1km-index?layer=1)  [Stereo data - UltraCam Frame based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2018-stereo-index/about) | * TIFF format (150MB/tile) * TIFF compressed format (approx. 10MB/tile) * Stereo Frame – 12cm RGBNiR |
| [Northwestern Ontario (NWOOP) 2017](https://geohub.lio.gov.on.ca/maps/north-western-ontario-orthophotography-project-nwoop-2017-1km-index/about) | [Orthorectified Tiles UTM 15 - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::north-western-ontario-orthophotography-project-nwoop-2017-1km-index?layer=1)  [Orthorectified Tiles UTM 16 - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::north-western-ontario-orthophotography-project-nwoop-2017-1km-index?layer=0)  [Stereo data - Leica ADS100 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/maps/31e9f5dd296b4a1f9f60441b1eb26bcd/about) | * TIFF format (128MB/tile) * TIFF compressed format (approx. 7.5MB/tile) * Stereo Line – 20cm RGBNiR |
| [Central Ontario (COOP) 2016](https://geohub.lio.gov.on.ca/datasets/lio::central-ontario-orthophotography-project-coop-2016-1km-index/explore) | [Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::central-ontario-orthophotography-project-coop-2016-1km-index/about)  [Stereo data - Leica ADS100 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::central-ontario-orthophotography-project-coop-2016-stereo-index/about) | * TIFF format (128MB/tile) * TIFF compressed format (approx. 7.1MB/tile) * Stereo Line – 20cm RGBNiR |
| [Southwestern Ontario (SWOOP) 2015](https://geohub.lio.gov.on.ca/maps/south-western-ontario-orthophotography-project-swoop-2015-1km-index) | [Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2015-1km-index/about)  [Stereo data - Leica ADS100 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2015-stereo-index/about) | * TIFF format (128MB/tile) * TIFF compressed format (approx. 3.4MB/tile) * Stereo Line – 20cm RGBNiR |
| [Algonquin 2015](https://geohub.lio.gov.on.ca/datasets/algonquin-2015-orthophotography) | [Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/documents/lio::algonquin-2015-orthophotography/about)  [Stereo data - Leica ADS100 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/documents/lio::algonquin-2015-orthophotography/about) | * TIFF format (128MB/tile) * TIFF compressed format (approx. 6.8MB/tile) * Stereo Line – 20cm RGBNiR |
| [Eastern Ontario (DRAPE) 2014](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2014-1km-index/explore?location=45.180795%2C-76.357274%2C7.96) | [Orthorectified Tiles - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2014-1km-index/about)  [Stereo data - Leica ADS100 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2014-stereo-index/about) | * TIFF format (95MB/tile) * TIFF compressed format (approx. 4.7MB/tile) * Stereo Line – 20cm RGBNiR |
| [South Central Ontario (SCOOP) 2013](https://geohub.lio.gov.on.ca/maps/south-central-ontario-orthophotography-project-scoop-2013-1km-index/about) | [Orthorectified Tiles UTM 17 - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2013-1km-index?layer=1)  [Orthorectified Tiles UTM 18 - 1km x 1km, 20cm resolution, 8-bit, RGBNiR](https://geohub.lio.gov.on.ca/datasets/lio::south-central-ontario-orthophotography-project-scoop-2013-1km-index?layer=0)  [Stereo data - Leica ADS80 line based – 16 bit (sizes vary, please see index)](https://geohub.lio.gov.on.ca/maps/south-central-ontario-orthophotography-project-scoop-2013-stereo-index/about) | * TIFF format (100MB/tile) * TIFF compressed format (approx. 4MB/tile) * Stereo Line – 20cm RGBNiR |
| [Forest Resource Inventory (FRI)](https://geohub.lio.gov.on.ca/datasets/forest-resource-inventory-fri-2007-2011-orthophotography)  [2007-2011](https://geohub.lio.gov.on.ca/datasets/forest-resource-inventory-fri-2007-2011-orthophotography) | [Orthorectified Tiles - 5km x 5km, 40cm resolution, 8-bit, NRGB](https://geohub.lio.gov.on.ca/documents/lio::forest-resource-inventory-fri-2007-2011-orthophotography/about) | * TIFF format (596.24MB/tile) * TIFF compressed format (approx. 40MB/tile) |
| [NRGB 40cm Stereo Imagery Index (sizes vary)](https://geohub.lio.gov.on.ca/documents/lio::forest-resource-inventory-fri-2007-2011-orthophotography/about)  [PAN 20cm Stereo Imagery Index (sizes vary)](https://geohub.lio.gov.on.ca/documents/lio::forest-resource-inventory-fri-2007-2011-orthophotography/about) | * Stereo Line (L1) – 40cm NRGB * Stereo Line (L1) – 20cm PAN |
| [Southwestern Ontario (SWOOP) 2010](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2010-1km-index/explore?location=43.609148%2C-81.057622%2C7.42) | [Orthorectified Tiles - 1km x 1km, pansharpened 20cm resolution, 8-bit, RGBI](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2010-1km-index/about)  [Stereo data - frame based (sizes vary, please see index)](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2010-stereo-index/about) | * TIFF format (95MB/tile) * TIFF compressed format (approx. 5MB/tile) * Stereo Frames – RGBI, 40cm * Stereo Frames – PAN, 20cm |
| [Eastern Ontario (DRAPE)](https://geohub.lio.gov.on.ca/maps/digital-raster-acquisition-project-eastern-ontario-drape-2008-1km-index/about)  [2008](https://geohub.lio.gov.on.ca/maps/digital-raster-acquisition-project-eastern-ontario-drape-2008-1km-index/about) | [Orthorectified UTM 18, 1km by 1km, 20cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2008-1km-index?layer=0)  [Orthorectified UTM 17, 1km by 1km, 20cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/lio::digital-raster-acquisition-project-eastern-ontario-drape-2008-1km-index?layer=1) | * TIFF format (75MB/tile) * TIFF compressed format (approx. 3.75MB/tile) |
| [County of Simcoe, Muskoka and Dufferin](https://geohub.lio.gov.on.ca/datasets/lio::county-of-simcoe-muskoka-and-dufferin-smd-2008-1km-index/about)  [(SMD) 2008](https://geohub.lio.gov.on.ca/datasets/lio::county-of-simcoe-muskoka-and-dufferin-smd-2008-1km-index/about) | [Orthorectified Tiles - 1km x 1km, 30cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/lio::county-of-simcoe-muskoka-and-dufferin-smd-2008-1km-index/about) | * TIFF format (32MB/tile) * TIFF compressed format (approx. 0.7MB/tile) |
| [Southwestern Ontario (SWOOP) 2006](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2006-1km-index/explore) | [Orthorectified Tiles, 1km by 1km, 30cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/lio::south-western-ontario-orthophotography-project-swoop-2006-1km-index/about) | * TIFF format (31MB/tile) * TIFF compressed format (approx. 1.5MB/tile) |
| [Greater Toronto Area (GTA) 2002](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2002-orthophotography) | [Orthorectified Tiles - 1km x 2km, 20cm to 50cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/documents/lio::greater-toronto-area-gta-2002-orthophotography/about) | * TIFF format (approx. 11MB to 72MB/tile)\ * TIFF compressed format (approx. 0.2MB to 1.4MB/tile) |
| [Greater Toronto Area (GTA) 1995](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-1995-orthophotography) | [Orthorectified Tiles - approx. 5km x 2.8km, 100cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-1995-orthophotography) | * TIFF format (40MB/tile) * TIFF compressed format (approx. 1MB/tile) |
| [Southern ON Colour Infrared Air Photos 1994-2002](https://geohub.lio.gov.on.ca/datasets/southern-ontario-colour-infrared-aerial-photography-1994-2002) | [Non-georeferenced, 2.5km by 2.5km, 40cm resolution, 16-bit, NRG](https://geohub.lio.gov.on.ca/documents/lio::southern-ontario-colour-infrared-aerial-photography-1994-2002/about) | * JPEG2000 format (53 MB/tile) |

**Appendix B: Restricted to OPS Only - Metadata, Index Links and Imagery products selection**

|  |  |  |
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| **Metadata** | **Spatial Index** | **Product** |
| [Greater Toronto Area (GTA) 1999](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-1999-orthophotography) | [Orthorectified Tiles - approx. 3km x 2km, 50cm resolution, 8-bit, RGB](https://geohub.lio.gov.on.ca/documents/lio::greater-toronto-area-gta-1999-orthophotography/about) | * TIFF format (77MB/tile) * TIFF compressed format * (approx. 1.7MB/tile) |
| [Greater Toronto Area (GTA) 2005](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2005-orthophotography) | [Orthorectified Tiles – 1km x 1km, 20cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/documents/lio::greater-toronto-area-gta-2005-orthophotography/about) | * TIFF format (approx. 72MB/tile) * TIFF compressed format (approx. 3.8MB/tile) |
| [Greater Toronto Area (GTA) 2007](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2007-orthophotography) | [Orthorectified Tiles – 1km x 1km, 15 to 20cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2007-orthophotography) | * TIFF format (approx. 72 to 128MB/tile) * TIFF compressed format (approx. 1.6 to 3.2MB/tile) |
| [Greater Toronto Area (GTA) 2008](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2008-orthophotography) | [Orthorectified Tiles – 1km x 1km, 10 to 20cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2008-orthophotography) | * TIFF format (approx. 72 to 286MB/tile) * TIFF compressed format (approx. 1.6 to 4.5MB/tile) |
| [Greater Toronto Area (GTA) 2009](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2009-orthophotography) | [Orthorectified Tiles – 1km x 1km, 10 to 20cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2009-orthophotography) | * TIFF format (approx. 72 to 287MB/tile) * TIFF compressed format (approx. 1.4to 4.5MB/tile) |
| City of [Kingston](https://geohub.lio.gov.on.ca/datasets/city-of-kingston-2011-orthophotography) 2011 (GTA) | [Orthorectified Tiles – 1km x 1km, 20 cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/documents/lio::city-of-kingston-2011-orthophotography/about) | * TIFF format (approx. 71MB/tile) * TIFF compressed format (approx. 1.1MB/tile) |
| [Region of Peel 2011 (GTA)](https://geohub.lio.gov.on.ca/datasets/region-of-peel-2011-orthophotography) | [Orthorectified Tiles – 1km x 1km, 15cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/region-of-peel-2011-orthophotography) | * TIFF format (approx. 128MB/tile) * TIFF compressed format (approx. 2.6MB/tile) |
| [Region of York 2011 (GTA)](https://geohub.lio.gov.on.ca/datasets/region-of-york-2011-orthophotography) | [Orthorectified Tiles – 1km x 1km, 15cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/region-of-york-2011-orthophotography) | * TIFF format (approx. 128MB/tile) * TIFF compressed format (approx. 3.4MB/tile) |
| [Greater Toronto Area (GTA) 2013](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2013-orthophotography) | [Orthorectified Tiles – 1km x 1km, 20cm, 8-bit, RGB](https://geohub.lio.gov.on.ca/datasets/greater-toronto-area-gta-2013-orthophotography) | * TIFF format (96MB/tile) * TIFF compressed format (approx. 5.4MB/tile) |

**Additional government-based imagery resources**

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| **Source/Link** | **Link Information** |
| [Ontario GeoHub Imagery Page](https://geohub.lio.gov.on.ca/pages/ontario-imagery-program) | Find Ontario’s authoritative imagery data using Ontario GeoHub’s Imagery Page. Ontario GeoHub provides descriptive information about the characteristics, quality and context of the data. |
| [Archives of Ontario](http://www.archives.gov.on.ca/en/aerialphotos/index.aspx) | The Archives of Ontario collects, manages, and preserves the significant records of Ontario and promotes public access to Ontario’s documentary heritage. |
| [Natural Resources Canada](http://www.nrcan.gc.ca/earth-sciences/geomatics/satellite-imagery-air-photos/10782) | The Canada Centre for Mapping and Earth Observation (CCMEO) is the Government of Canada's centre of excellence for geomatics, mapping and earth observations |
| [USGS Earth Explorer](https://earthexplorer.usgs.gov/) | Query and order satellite images, aerial photographs, and cartographic products through the U.S. Geological Survey. |
| [USGS GloVis](https://glovis.usgs.gov/app?fullscreen=1) | The USGS Global Visualization Viewer (GloVis) is an online search and order tool for selected satellite data. |
| [National Oceanic and Atmospheric Administration (CLASS)](http://www.class.noaa.gov/) | CLASS is NOAA's premiere on-line facility for the distribution of NOAA and US Department of Defense (DoD) Polar-orbiting Operational Environmental Satellite (POES) data, NOAA's Geostationary Operational Environmental Satellite (GOES) data, and derived data |
| [National Aeronautics and Space Administration (NASA) Data Hub](https://search.earthdata.nasa.gov/search) | NASA’s data hub comprises a series of satellites, a science component and a data system. |
| [European Space Agency Copernicus Open Access Hub](https://scihub.copernicus.eu/) | The Copernicus Open Access Hub (previously known as Sentinels Scientific Data Hub) provides complete, free and open access to [Sentinel-1](https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-1), [Sentinel-2](https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-2) and [Sentinel-3](https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-3) user products, starting from the In-Orbit Commissioning Review (IOCR). |