



CALGARY AERIAL ORTHOPHOTO ALL YEARS LIST

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External Party Data Sharing License Agreement Contact

The City of Calgary has full ownership of most orthophoto years but a few past years are licensed for internal City of Calgary & contractor use only. Distribution of any orthophoto to external contractors, or third parties, requires an appropriate license agreement and must be arranged with the Innovation, Data & External Access division by emailing Edata@Calgary.ca.

Complete List of Available City of Calgary Orthophoto:

2021

- Photo Date: May 30, 31 & June 11, 2021
- Pixel Size: 10 cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle M3

2020

- Photo Date: May 28, 30 & June 10, 2020
- Pixel Size: 10 cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle M3

2019

- Photo Date: May 27-28 & June 12, 2019
- Pixel Size: 10 cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle M3

2018

- Photo Date: May 13-15, 2018
- Pixel Size: 10 cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Leica DMC III

2017

- Photo Date: May 28 to Jun 12, 2017
- Pixel Size: 10cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle.

2016

- Photo Date: May 1 & Jun 5, 2016
- Pixel Size: 10cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle

**2015**

- Photo Date: May 22, 2015
- Pixel Size: 10cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle

2014

- Photo Date: Oct 2-4, 2014,
- Pixel Size: 25cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle

2013

- Photo Date: Sep 12, 2013
- Pixel Size: 25cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam Eagle

2013 Post Flood

- Photo Date: Aug 12, 2013
- Pixel Size: 10cm
- Bands: RGB Colour
- Airborne Sensor Type: Vexcel UltraCam Eagle
- Covers Bow & Elbow River areas only

2013 Flood

- Photo Date: Jun 22, 2013
- Time: 8:00am to 9:30am MDT
- Pixel size: 10cm
- Bands: RGB Colour
- Airborne Sensor Type: Vexcel UltraCam Eagle
- Covers Bow & Elbow River areas only

2012

- Photo Date: Sep 23, 2012
- Pixel Size: 25cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel Ultracam X

2011

- Photo Date: Sep 27 & 30, 2011
- Pixel Size: 25cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam X

2010

- Photo Date: Sep 23-29, 2010
- Pixel Size: 30cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Vexcel UltraCam X



2009

- Photo Date: Sep 24-27, 2009
- Pixel Size: 30cm
- Bands: RGB Colour & NIR
- Airborne Sensor Type: Leica ADS80 airborne digital imaging sensor
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

2008

- Photo Date: Oct 9 & 11, 2008
- Pixel Size: 30cm
- Bands: RGB Colour
- Airborne Sensor Type: DiMac digital camera

2007

- Photo Date: Oct 13-14, 2007
- Photo Scale: 1:20,000
- Pixel Size: 30 cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

2006

- Photo Date: Sep 24, 2006
- Photo Scale: 1:20,000
- Pixel Size: 30cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

2005

- Photo Date: Sep 19 & Oct 9, 2005
- Photo Scale: 1:30,000
- Pixel Size: 50cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera

2005 Flood

- Photo Date: Jun 19, 2005
- Time: 11:56am to 2:10pm MDT
- Photo Scale: 1:10,000
- Pixel Size: 25cm
- Bands: Grayscale single band
- Airborne Sensor Type: Leica RC30 aerial film camera
- Covers Bow & Elbow river areas only

2004

- Photo Date: Nov 11, 2004
- Photo Scale: 1:25,000
- Pixel Size: 40cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

**2003**

- Photo Date: Oct 1, 2003
- Photo Scale: 1:25,000
- Pixel Size: 50cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

2001

- Photo Date: Sep 8, 2001
- Photo Scale: 1:30,000
- Pixel Size: 50cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

1999

- Photo Date: Sep 19, 1999
- Photo Scale: 1:30,000
- Pixel Size: 50cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

1997

- Photo Date: Sep 9, 1997
- Photo Scale: 1:30,000
- Pixel Size: 50cm
- Bands: RGB Colour
- Airborne Sensor Type: Leica RC30 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

1995

- Photo Date: May 4-11 & Jul 12, 1995
- Photo Scale: 1:5,000
- Pixel Size: 15cm
- Bands: Grayscale single band
- Airborne Sensor Type: Zeiss LMK aerial film camera

1988

- Photo Date: Apr 15, 1988
- Photo Scale: 1:20,000
- Pixel Size: 50cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC10 aerial film camera
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

1984

- Photo Date: Sep 30, 1984
- Photo Scale: 1:25,000
- Pixel Size: 50cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy
- *Licensed for City of Calgary & contractor use. Public display allowed with permission.*

1982

- Photo Date: Apr 25, 1982
- Photo Scale: 1:10,000
- Pixel Size: 30cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy specs.
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1979

- Photo Date: Nov 7, 1979 (& Apr 19, 1980 for the two northern most flight lines)
- Photo Scale: 1:10,000
- Pixel Size: 30cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy specs.

1975

- Photo Date: Sep 8-13, 1975
- Photo Scale: 1:12,000
- Pixel Size: 30cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy specs.

1972

- Photo Date: May 30 & Jun 2, 1972
- Photo Scale: 1:12,000
- Pixel Size: 30cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy specs.

1969

- Photo Date: Apr 9 & May 27, 1969
- Photo Scale: 1:12,000
- Pixel Size: 30cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC8 aerial film camera
- May not meet normal orthophoto accuracy specs.

**1966**

- Photo Date: Mar 28-29, Apr 22, 1966 (*and Aug/Sep 1966 in the far SW corner*)
- Photo Scale: 1:12,000
- Pixel Size: 25cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC5a aerial film camera
- Orthophoto was created from scanned contact prints. (*some blemishes, damage present*)
- May not meet normal orthophoto accuracy specs.

1962

- Photo Date: Jun 8 & Sep 17-20, 1962
- Photo Scale: 1:32,000
- Pixel Size: 60cm
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC5a aerial film camera
- May not meet normal orthophoto accuracy specs.

1957

- Photo Date: Sep 25, 1957
- Photo Scale: 1:40,000
- Pixel Size: 1.0m
- Bands: Grayscale single band
- Airborne Sensor Type: Wild/Leica RC5a aerial film camera
- (*4 exposures in SE Calgary are missing*)
- May not meet normal orthophoto accuracy specs.

1953

- Photo Date: Jul 30 & Aug 6, 1953
- Photo Scale: 1:12,000
- Pixel Size: 25cm
- Bands: Grayscale single band
- Airborne Sensor Type: Fairchild F224 or K17B aerial film camera (*unconfirmed*)
- Orthophoto was created from scanned contact prints. (*some blemishes, damage present*)
- May not meet normal orthophoto accuracy specs.

1948

- Photo Date: May 7, Aug 8, Aug 31, 1948
- Photo Scale: 1:20,000
- Pixel Size: 50cm
- Bands: Grayscale single band
- Airborne Sensor Type: Williamson Ordnance Survey Camera (6" Ross wide angle survey lens)
- Orthophoto was created from scanned contact prints. (*some blemishes, damage present*)
- May not meet normal orthophoto accuracy specs.

1924-1926

- Photo Date: 1924 (Oct 7-18) and 1926 (May 1 to Jun 28, Oct 1, Nov 5)
- Photo Scale: 1924 1:20000 and 1926 1:28000
- Pixel Size: 1.0 m
- Bands: Grayscale single band
- Airborne Sensor Type: Fairchild K-3 aerial film camera
- Orthophoto was created from scanned contact prints. (*some blemishes, damage present*)
- There are some gaps in coverage between flight lines.
- May not meet normal orthophoto accuracy specs.