

# Hamilton 0.05m Urban Aerial Photos (2020-2021)

## Metadata

### File Identifier

cd463bd0-514a-c96c-1587-d35be17c0fe3

### Language

eng

### Character Set

#### Character Set Code

utf8

### Hierarchy Level

#### Scope Code

dataset

### Hierarchy Level Name

dataset

## Contact

### Responsible Party

#### Organisation Name

Toitū Te Whenua Land Information New Zealand

#### Position Name

National Imagery Manager

### Contact Info

#### Contact

##### Phone

###### Telephone

###### Voice

04 4600110

##### Address

###### Address

###### Delivery Point

155 The Terrace

###### City

Wellington

###### Postal Code

6011

###### Country

New Zealand

###### Electronic Mail Address

customersupport@linz.govt.nz

### Role

#### Role Code

pointOfContact

#### Date Stamp

Date

2022-08-09

#### Metadata Standard Name

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

#### Metadata Standard Version

1.1

#### Reference System Info

Reference System

Reference System Identifier

Identifier

Code

2193

#### Identification Info

Data Identification

Citation

Citation

Title

Hamilton 0.05m Urban Aerial Photos (2020-2021)

Date

#### Abstract

Orthophotography of Hamilton City captured in the flying season of 2020-2021. Coverage encompasses urban areas within the Hamilton City District. Imagery was captured for Hamilton City Council by AAM NZ Ltd, 6 Ossian St, Napier, New Zealand. Data comprises: • 1470 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:1000 tile layout • Tile layout in NZTM projection containing relevant information. The supplied imagery is in terms of New Zealand Transverse Mercator (NZTM) map projection. Please refer to the tile index layer for specific details, naming conventions, etc. Imagery supplied as 5cm pixel resolution (0.05m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is  $\pm 0.15$  at 90% confidence level in clear flat areas. Index tiles for this dataset are available as layer [Hamilton 0.05m Urban Aerial Photos Index Tiles (2020-2021)](<http://data.linz.govt.nz/layer/110134>)

#### Status

Progress Code

completed

#### Point Of Contact

Responsible Party

Organisation Name

Toitū Te Whenua Land Information New Zealand

Position Name

National Imagery Manager

Contact Info

Contact

Phone

Telephone

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04 4600110

Address

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customersupport@linz.govt.nz

Role

Role Code

pointOfContact

Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

notPlanned

Resource Format

Format

Name

\*.xml

Version

Unknown

Resource Constraints

Security Constraints

Classification

Classification Code

unclassified

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

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aerial-imagery-data

Use Constraints

Restriction Code

license

Spatial Representation Type Code

grid

Representative Fraction

Denominator

Integer

1000

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

imageryBaseMapsEarthCover

Extent

EX\_ Extent

Geographic Element

EX\_ Geographic Description

Identifier

Authority

Citation

Title

ANZMet Lite Country codelist

Date

Edition

Version 1.0

Edition Date

Date

2009-03-31

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-country.xml#Country>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Code

nzl

Extent

EX \_ Extent

Geographic Element

EX \_ Geographic Bounding Box

175.12729091470774175.39576472890116-37.906896640476084-37.63693051746194

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/110193-hamilton-005m-urban-aerial-photos-2020-2021/>

Data Quality Info

DQ \_ Data Quality

Scope

DQ \_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI \_ Lineage

Statement

PROJECT DESIGN ACCURACY Project specifications and technical processes were designed to achieve data accuracies as follows: \*Orthophotos\* Measured Point +/- 0.15m Basis of Estimation: Project design \*Control\* Measured Point +/- 0.15m Basis of Estimation: Survey methodology used NOTES ON EXPECTED ACCURACY Values shown are at 90% confidence interval. LIMITATIONS OF DATA Field/survey validation has not been undertaken DATA VALIDATION Imagery in the volume has been compared to control points obtained by field survey that were also used in the aero-triangulation process. The points were distributed across the area. Comparison of the field points with positions measured on the imagery result in: No. of sites: 6 RMS X (m) 0.04 RMS y (m) 0.03 XY RMS (m) 0.05 90% Accuracy (m) 0.08 Required Accuracy (m) 0.15 SOURCE DATA Item, Source, Description, Ref No, Date Sensor, AAM, A3, PRJ37987, 28/12/2020 - 30/01/2021 GPS Base Data, GeoNET, CORS, PRJ37987, 28/12/2020 - 30/01/2021 Base Stn Coords, LINZ, Static RTK, PRJ37987, 28/12/2020 - 30/01/2021 Field Survey, WSP, RTK GPS, PRJ37987, 16/02/2021 DATA CHARACTERISTICS Device Name: A3 Resolution: 5 cm Type: 8-bit RGB File Format: GeoTIFF Map Projection: NZTM Spatial Accuracy Specification: 0.15m Capture Constraints: >40 degrees sun angle REFERENCE SYSTEMS Horizontal: NZGD2000 Datum, NZTM Projection Vertical: NZVD2016/Moturiki 1953, Geoid Model: NZ Geoid 2016

Metadata Constraints

Legal Constraints

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Restriction Code

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Metadata Constraints

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