

Marlborough 0.1m Urban Aerial Photos (2017)

Metadata

File Identifier

| 22ef2217-096c-62c9-db0d-d2cecd573183

Language

| eng

Character Set

Character Set Code

| utf8

Hierarchy Level

Scope Code

| dataset

Hierarchy Level Name

| dataset

Contact

Responsible Party

Organisation Name

| LINZ - 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

| 6145

Country

| New Zealand

Electronic Mail Address

| info@linz.govt.nz

Role

Role Code

| pointOfContact

Date Stamp

Date

| 2018-12-14

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

Marlborough 0.1m Urban Aerial Photos (2017-2018)

Date

Abstract

Orthophotography in the Marlborough District taken in the flying seasons (summer period) 2017-2018. Imagery was captured for Marlborough District Council by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany, 0632, New Zealand. Data comprises: •3,037 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:500 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 supplied tile layout shape file for specific details, naming conventions, etc. Imagery supplied as 10cm pixel resolution (0.10m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is ± 0.15 m @ 68% confidence level. Index tiles for this dataset are available as layer [Marlborough 0.1m Urban Aerial Photos Index Tiles (2017-2018)](<http://data.linz.govt.nz/layer/99109>)

Status

Progress Code

completed

Point Of Contact

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pointOfContact

Resource Format

Format

Name

*.xml

Version
Unknown

Resource Constraints

Legal Constraints
Use Limitation

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Restriction Code
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Resource Constraints

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<https://www.linz.govt.nz/data/licensing-and-using-data/attributing-elevation-or-aerial-imagery-data>

Use Constraints
Restriction Code
license

Resource Constraints

Security Constraints
Classification

Classification Code
unclassified

Spatial Representation Type Code

vector

Representative Fraction

Denominator

Integer
1000

Language

eng

Character Set

Character Set Code
utf8

Topic Category Code

imageryBaseMapsEarthCover

Extent

EX_ Extent

Geographic Element

EX_ Geographic Bounding Box

173.498036717174.164744175-41.8456407144-41.0475327032

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/98969-marlborough-01m-urban-aerial-photos-2017/>

Data Quality Info

DQ_ Data Quality

Scope

DQ_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI _ Lineage

Statement

Project Aerial photography was captured over the Marlborough urban areas in the Marlborough District totalling approximately 142 km². The area of capture is located in the Marlborough Region of the South Island. Data Acquisition The aerial photography for this project was captured within the 2017/18 flying season (September 2017 - April 2018) on the following dates: 1-2 December 2017, 15 December 2017 and 20 December 2017. Camera: All photography was captured using Vexcel's digital UCE camera and flown at: 0.1 m GSD: 6,309 ft (1,923 m) flying height Camera Lens: 100 mm Sun Angle: Minimum of +35 degrees Flight Planning: SN13944 Marlborough Urban: 54 runs, 891 frames Stereo capture: Forward overlap 60%, min 54%. Side overlap 35%, min 15%. Environmental Specification: Imagery captured with no cloud or cloud shadow within the area of interest. Tidal restriction for coastal areas captured within 2 hours either side of low tide and priority tidal areas within 1.5 hours either side of high side. Urban Building Displacement Specification: Urban 0.1 m GSD imagery - using the UCE camera and by flying with 60% forward overlap and with 35% sidelap (standard stereo coverage), maximum 1.1 m building lean per 3 m height within the image model area. To minimise building lean an additional run of 4-5 frames was added to the flight plan along the main street of Blenheim where there is a presence of tall buildings. Ground Control: A combination of new/existing control and LINZ benchmarks were used for aerial triangulation for this project Twenty-five new post-mark points were obtained by Vince Belgrave of Sounds Surveying. Data Processing: All aspects of the data processing from imagery processing to DTM creation and ortho production and product deliverables was undertaken in-house by Aerial Surveys staff. Map Projection All spatial data for this project provided in terms of New Zealand Transverse Mercator 2000 map projection (NZTM2000). The datum is New Zealand Geodetic Datum 2000 (NZGD2000). The height datum is orthometric New Zealand Vertical Datum 2016 (NZVD2016).

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