

Palmerston North 0.125m Urban Aerial Photos (2017)

Metadata

File Identifier

612e5a28-8e2c-1d2c-7fbb-cc29fb8b9e1d

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

2019-02-04

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

Palmerston North 0.125m Urban Aerial Photos (2016-2017)

Date

Abstract

Orthophotography of Palmerston North City taken in the flying seasons (summer period) 2016-2017. Imagery was captured for Palmerston North City Council by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany, 0632, New Zealand. Data comprises: •1,046 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:1,000 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 12.5cm pixel resolution (0.125m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is ± 0.2 m @ 68% confidence level. Index tiles for this dataset are available as layer [Palmerston North 0.125m Urban Aerial Photos Index Tiles (2016-2017)](<http://data.linz.govt.nz/layer/99192>)

Status

Progress Code

completed

Point Of Contact

Responsible Party

Organisation Name

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Resource Format

Format

Name

*.xml

Version

Unknown

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Resource Constraints

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Use Constraints

Restriction Code

license

Resource Constraints

Security Constraints

Classification

Classification Code

unclassified

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 Bounding Box

175.510356374175.795988917-40.4506255268-40.2383077369

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/99251-palmerston-north-0125m-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 Palmerston North urban area in the Manawatu and Palmerston North City Districts totalling approximately 183 km². The area of capture is located in the Manawatu-Whanganui Region of the North Island. Data Acquisition The aerial photography for this project was captured within the 2016/17 flying season (September 2016 - April 2017) on the following dates: 1 March and 9-10 April 2017 Camera All photography was captured using Vexcel's digital UCE camera and flown at: 0.125 m GSD: 7887 ft (2403 m) flying height Camera Lens: 100 mm Sun Angle Imagery was captured with a sun angle between 38.9 and 50.5 degrees Flight Planning SN13884 Palmerston North Urban: 15 runs, 374 frames Stereo capture: Forward overlap 60%. Side overlap 35% SN13884 Palmerston North CBD: 3 runs, 21 frames Stereo capture: Forward overlap 80%. Side overlap

80% Urban Building Displacement Specification Urban 0.125 m GSD imagery - using the UCE camera and by flying with 60% forward overlap and with 35% sidelap (standard stereo coverage), maximum 1.0 m building lean per 3 m height within the image model area. CBD 0.125 m GSD imagery - using the UCE camera and by flying with 80% forward overlap and with 80% sidelap near true ortho imagery as been achieved (near to no building lean).

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