

Nelson 0.075m Urban Aerial Photos (2022)

Metadata

File Identifier

3c43b2e6-b483-cac8-d764-f0cb0f06be62

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

2022-07-14

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

Nelson 0.075m Urban Aerial Photos (2022)

Date

Abstract

Orthophotography within the Nelson Region captured in January 2022. Coverage encompasses urban areas within the Nelson City District. Imagery was captured for Nelson City Council by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany 0632, New Zealand. Data comprises: • 997 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 7.5cm pixel resolution (0.075m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is ± 0.15 at 95% confidence level in clear flat areas. Index tiles for this dataset are available as layer [Nelson 0.075m Urban Aerial Photos Index Tiles (2022)](<http://data.linz.govt.nz/layer/109701>)

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

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

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

Copyright of this work is owned by Nelson City Council © Nelson City Council

Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

Released by Toitū Te Whenua Land Information New Zealand under Creative Commons Attribution 4.0 International (CC BY 4.0). Use with the following attribution: 'Sourced from the LINZ Data Service and licensed by Nelson City Council for reuse under CC BY 4.0' For details see: <https://www.linz.govt.nz/data/licensing-and-using-data/attributing-elevation-or-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

173.18347891401433173.5661142538878-41.39349505434858-41.10066472748502

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.linz.govt.nz/layer/109667-nelson-0075m-urban-aerial-photos-2022/>

Data Quality Info

DQ _ Data Quality

Scope

DQ _ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI _ Lineage

Statement

The aerial photography for this project was captured within the 2021/22 flying season (September 2021 – April 2022). Camera and Flying Height All photography was captured using Vexcel's digital UCE camera fitted with the 100 mm lens and flown at an altitude of approximately 4,773 ft (1,454 m) with the lowest ground GSD set at 0.075 m. Capture Dates The aerial imagery was captured on the following dates: 15-16 January 2022. Sun Angle Imagery captured with a minimum sun angle of +35 degrees. The sun angle of the imagery used for the orthorectification ranged from 38.5 to 68.3 degrees. Flight Planning The flight survey number for this project is SN14226 The flight plan is named 'Nelson Urban 21-24 7-5cm UCE' and comprises 57 runs, 2,718 frames. All imagery captured in stereo: 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 areas captured +/- 1.5 hours either side of low tide. Urban Building Displacement Specification Urban 0.075 m GSD imagery - using the UCE camera and by flying with 60% forward overlap and with 35% sidelap (standard stereo coverage) will achieve ~1 m building lean per 3 m height in the corners of the imagery used. Tall structures inwards of the corner of the frame will have less lean the closer to the nadir they are. Ground Control A combination of existing control and LINZ benchmarks were used for aerial triangulation for this project

Metadata Constraints

Legal Constraints

Use Limitation

Copyright is owned by Toitū Te Whenua Land Information New Zealand © LINZ

Use Constraints

Restriction Code

copyright

Metadata Constraints

Legal Constraints

Use Limitation

Released by Toitū Te Whenua Land Information New Zealand under Creative Commons Attribution 4.0 International (CC BY 4.0). Use with the following attribution: "Sourced from the LINZ Data Service and licensed for reuse under CC BY 4.0" For details see <https://www.linz.govt.nz/data/licensing-and-using-data/attributing-linz-data>"

Use Constraints

Restriction Code

license