

Nelson 0.3m Rural Aerial Photos (2018-2019)

Title	Nelson 0.3m Rural Aerial Photos (2018-2019)
Creator	Toitū Te Whenua Land Information New Zealand
Date	2018
Description	<p>Orthophotography within the Nelson rural area in the Nelson City District captured within the 2018/19 flying season (September 2018 - April 2019). Imagery was captured for Nelson City Council by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany, 0632, New Zealand. Data comprises:</p> <ul style="list-style-type: none">• 80 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:5000 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. <p>Imagery supplied as 0.30 m pixel resolution (0.30m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is ± 0.5 m @ 95% confidence level. Index tiles for this dataset are available as layer [Nelson 0.3m Rural Aerial Photos Index Tiles (2018-2019)] (http://data.linz.govt.nz/layer/104290)</p>
Source	<p>Project Aerial photography was captured over the Nelson rural area in the Nelson City District totalling approximately 691 km². The area of capture is located in the Nelson Region of the South Island. Data Acquisition The aerial imagery was captured on the following dates:</p> <ul style="list-style-type: none">• 16 January 2019• 3 February 2019 <p>Camera For this project two cameras were used as follows: Photography captured using Vexcel's digital UCE camera fitted with the 100 mm lens and flown at an altitude of approximately 18,928 ft (5,769 m) with the lowest ground GSD set at 0.3 m. Sun Angle Imagery captured with a minimum sun angle of sun angle of +30 degrees. For aerial capture on this projects the sun angle ranged from 35.8 and 69.3 degrees Flight Planning SN14011 Nelson Rural: 11 runs, 271 frames Stereo capture: Forward overlap 60%, min 54%. Side overlap 30%, min 15%. Environmental Specification Imagery captured with no cloud or cloud shadow within the area of interest. Coastal areas captured within 1.5 hours either side of low tide.</p>
Coverage	-41.4001631387 173.17192639 -41.0420661446 173.601133281
Identifier	https://data.linz.govt.nz/layer/104319-nelson-03m-rural-aerial-photos-2018-2019/
Type	grid
Language	eng
Subject	imageryBaseMapsEarthCover