

Marlborough 0.3m Rural Aerial Photos (2017-2018)

Title	Marlborough 0.3m Rural Aerial Photos (2017-2018)
Creator	Toitū Te Whenua Land Information New Zealand
Date	2018
Description	<p>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:</p> <ul style="list-style-type: none">• 1,142 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:1000 tile layout• 3,607 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:2000 tile layout• Tile layout in NZTM projection containing relevant information. <p>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 30cm pixel resolution (0.30m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is ± 0.60 m @ 90% confidence level. Index tiles for this dataset are available as layer [Marlborough 0.3m Rural Aerial Photos Index Tiles (2017-2018)](http://data.linz.govt.nz/layer/99055)</p>
Source	<p>Data Acquisition: The aerial photography for this project was captured within the 2017/18 flying season (September 2017 - April 2018) on the following dates: 02,03,12 December 2017, 11 March 2018. Camera: All photography was captured using Vexcel's digital UCE camera and flown at: 0.3 m GSD: 18,928 ft (5,769 m) flying height Camera Lens: 100 mm Sun Angle: Minimum of +35 degrees Flight Planning: SN13944 Marlborough Rural: 32 runs, 1356 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. Ground Control: A combination of existing control and LINZ benchmarks were used for aerial triangulation for this project. 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).</p>
Coverage	-41.679102032171734 173.04033657180557 -40.649987965178475 174.4466920766485
Identifier	https://data.linz.govt.nz/layer/98968-marlborough-03m-rural-aerial-photos-2017-2018/
Type	vector
Language	eng
Subject	imageryBaseMapsEarthCover