

Hamilton 0.1m Urban Aerial Photos (2019)

Title	Hamilton 0.1m Urban Aerial Photos (2019)
Creator	LINZ - Land Information New Zealand
Date	2019
Description	<p>Orthophotography of Hamilton City taken in the flying seasons (summer period) 2018-2019. Coverage encompassed the urban areas of Hamilton City Council area. Imagery was captured for Hamilton City Council by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany, 0632, New Zealand. Data comprises:</p> <ul style="list-style-type: none">• 1,472 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 10cm pixel resolution (0.1m 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 [Hamilton 0.1m Urban Aerial Photos Index Tiles (2019)] (http://data.linz.govt.nz/layer/104130)
Source	<p>Project Aerial photography was captured over the Hamilton City urban area totalling approximately 356 km². The area of capture is located in the Waikato Region of the North Island. Data Acquisition Aerial photography was captured using Vexcel's digital UCE camera: 2 March 2019. Camera All photography was captured using Vexcel's digital UCE camera and flown at: 0.10 m GSD: 6309 ft (1923 m) flying height Camera Lens: 100 mm Sun Angle Imagery was captured with a sun angle between 42.2 and 59.4 degrees Urban Building Displacement Specification Urban 0.10 m GSD imagery - using the UCE camera and by flying with 60% forward overlap and 35% sidelap (standard stereo coverage), maximum 1.1 m building lean per 3 m height within the image model area. The CBD and Hospital area have been captured with 80% forward overlap and 80% sidelap to produce a near true ortho.</p>
Coverage	-37.90689664087893 175.1272909143552 -37.6369305178673 175.39576472854947
Identifier	https://data.linz.govt.nz/layer/104164-hamilton-01m-urban-aerial-photos-2019/
Type	grid
Language	eng
Subject	imageryBaseMapsEarthCover