


Data Catalogue – User guide

The Waikato Regional Council Data Catalogue holds metadata (data about data) in an ANZLIC compliant format, for spatial datasets and non-spatial data owned or jointly owned by Waikato Regional Council.

<http://www.waikatoregion.govt.nz/Services/data-catalogue/>

After reading and accepting the Terms and Conditions click **Go to the Data Catalogue >>>**:

Data Catalogue

The Waikato Regional Council Data Catalogue holds metadata (data about data) in an ANZLIC  compliant format, for spatial datasets and non-spatial data owned or jointly owned by Waikato Regional Council.

The Data Catalogue will give you the ability to:

- Search for and view metadata for spatial datasets and non-spatial data owned and jointly owned by Waikato Regional Council
- Download Data where available
- Request data via the 'Data Request' form
- Download metadata in XML format



Spatial Information services - Terms and conditions of use















You can access and use Waikato Regional Council's Data Catalogue (the service), subject to these terms and conditions.

- By using the service you will be deemed to have agreed to the terms and conditions without qualification.
- If you do not agree to be bound by these terms, please do not use the service.

Click here to read and make sure you fully understand Waikato Regional Council's terms and conditions of use.

Go to the [Data Catalogue >>>](#) 

You will be presented with a list of Datasets:

Data Catalogue		Waikato REGIONAL COUNCIL						
Expand	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand
	DATASET	Aerial Photography - Current Images - GIS Layer	Layers of current latest images designed specifically of use in WRC WebMap applications.	Aerial photography WebMap	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - Tongariro 2004 - GIS Layer	Orthophotos of Tongariro River, 2004.	Aerial photography Image	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 1993 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 1993 orthophotography.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2006 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2006 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2007 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2007 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2012 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2012 - Colour digital orthophotography for the Waikato region.	Aerial photography DTM Download	ImageryBaseMapsEarthCover	Get XML	Expand to download feature data	
	DATASET	Aerial Photography Non WRAPS Extent - GIS Layer	An extent layer that shows the location of aerial photography available for use that has been obtained separately from the Waikato Regional Aerial Photography Service (WRAPS) aerial photography.	Aerial photography	ImageryBaseMapsEarthCover	Get XML		

Displaying and Printing Metadata Details

Clicking on the name of the Dataset in the Resource Title column will return the metadata details in a new tab, for the chosen dataset:

The screenshot shows the 'Data Catalogue' interface for the Waikato Regional Council. It features a search bar, a 'Rows' dropdown set to 5000, and a table of datasets. The table has columns for 'Level Type', 'Resource Title', 'Abstract', 'Keywords', 'Topic Category', 'XML', 'Feature Data Available for Download', and 'Expand to Show Feature Details'. The dataset 'Aerial Photography - WRAPS 2012 - GIS Layer' is highlighted with a red box.

Metadata Details

The Metadata details can be printed by right clicking from here:

The screenshot shows the metadata details for the 'Aerial Photography - WRAPS 2012 - GIS Layer' dataset. The page includes a header with the Waikato Regional Council logo, a title, and a detailed metadata table.


File ID:	CC89C8AA-1F94-4F59-B2CE-0082402C1BB2
Hierarchy Level:	dataset
Abstract:	Waikato Regional Aerial Photography Service (WRAPS) 2012 - Colour digital orthophotography for the Waikato region.
Statement:	The complete WRAPS 2012 dataset contains 3545 digital orthophoto tiles covering the entire Waikato Region. The digital orthophotography is referenced to the New Zealand Transverse Mercator (NZTM) projection with the NZGD2000 datum. The digital orthophotos are designed to be used at a scale of 1:5000. The digital orthophotos have been supplied in Natural colour (RGB (Red, Green, and Blue)); 24-bit colour, four band (RGBI (Red, Green, and Blue, near infra-red)); 32-bit colour and False colour composite (FCC) (IRG (Infra-red, Red and Green)); 24-bit colour radiometric resolution. The digital orthophotographs were supplied to Waikato Regional Council as georeferenced TIFF and ECW files. The WRAPS digital orthophoto tile naming convention (BD33_0102.tif) is based on the NZTM naming convention, that is: nzmsheetnumber_rownumbercolumnnumber.extension. The digital orthophotos have 0.25 square metre pixels (0.5m x 0.5m) and a horizontal accuracy of +/- 3.0 metres at 90% confidence. Digital orthophoto tiles are 2400 metres x 3600 metres with 100 tiles per NZTopo50 map sheet. The aerial photography was captured between 4 March 2012 and 11 March 2013, with zero cloud cover and a sun angle of >= 30 degrees. Aerial photography of all harbour, coastal and tidal areas must be acquired during low tide periods, this being defined as the period 2 hours either side of low tide. The final orthophotos were checked for completeness of project coverage, general appearance and accuracy. Any issues were returned to the NZAM processing team for correction. The digital orthophotography and aerial photography are owned by Waikato Regional Aerial Photography Service (WRAPS) 2012 and the supplier, NZ Aerial Mapping Limited (NZAM) jointly and equally. The WRAPS aerial photography capture is undertaken every 5 years. WRC Document # 2828567 - Final Contract report from Supplier (NZAM), WRC Document # 2054517 - Contract RIG178 - WRAPS 2012 & NZAM. The images are available for download from LINZ Data Service - https://data.linz.govt.nz/
Keywords:	Aerial photography,DTM,Download
Topic Category:	ImageryBaseMapsEarthCover:base maps
Resource Reference Date:	02/06/2014
Metadata URL:	http://data.waikatoregion.govt.nz:8080/orders/?p=140:12:0:NO:P12_METADATA_ID:3

Responsible Parties

Role: owner	Role: custodian
Position: unknown	Position: GIS and Data Management Team Leader
Organisation: NZ Aerial Mapping Ltd	Organisation: Waikato Regional Council
Delivery Point:	Delivery Point: 401 Grey Street
City:	City: Hamilton East
Postal Code:	Postal Code: 3216
Country:	Country: New Zealand
Phone: unknown	Phone: 0800800401 0800 800 401
Fax:	Fax:
Email: unknown	Email: inforeq@waikatoregion.govt.nz inforeq@waikatoregion.govt.nz



















Metadata

Displaying and Downloading Dataset Features















To expand the details of the Dataset click on the down arrow sign  on the left or right of the screen beside the Dataset:

Expand to Show Feature Details	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand to Show Feature Details
	DATASET	Aerial Photography - Current Images - GIS Layer	Layers of current/latest images designed specifically of use in WRC WebMap applications.	Aerial photography WebMap	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - Tongariro 2004 - GIS Layer	Orthophotos of Tongariro River, 2004.	Aerial photography Image	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 1993 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 1993 orthophotography.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2006 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2006 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2007 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2007 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2012 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2012 - Colour digital orthophotography for the Waikato region.	Aerial photography DTM Download	ImageryBaseMapsEarthCover	Get XML	Expand to download feature data	





This will list the features for the dataset and display a link to download features that are available for download (in various formats):

Expand to Show Feature Details	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand to Show Feature Details
	DATASET	Aerial Photography - WRAPS 2012 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2012 - Colour digital orthophotography for the Waikato region.	Aerial photography DTM Download	ImageryBaseMapsEarthCover	Get XML	Expand to download feature data	
	FEATURE	GIS_ALL_FOOTPRINT_WRAPSI2	Full extent of images that are available. Specifically for use in Geomedia for displaying selected images.	Aerial photography Footprint Photography	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_MASK_EXTERIOR	Three minimum bounding rectangles covering WRC, North Island and New Zealand for the purpose of masking areas not required on a map.	Aerial photography	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_MASK_INTERIOR	Mosaic extent shape for the purpose of masking areas not required on a map.	Aerial photography Extent Photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_MASK_WRC	A rectangle polygon with the interior mosaic extent (hole) for the purpose of masking areas not required on a map.	Aerial photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_PHOTO_COVERAGE	Photo coverage files supplied by NZAM showing details of each photo that contribute to the larger files shown in the footprint, a file can be made up of more than one photo.	Aerial photography Photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_TILE_EXTENT	This layer shows the full extent of images that are available and can be used for spatial queries.	Aerial photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Download mbt Download KML Download Map Info Download Shape File	
	FEATURE	GIS_PHOTOS_WRAPSI2_REGION_MOSAIC	This layer is a single ECW mosaic created by WRC for the entire region.	Aerial photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_PHOTOS_WRAPSI2_WHOLE_REGION	This layer contains the full extent of images that are available and can be used with the footprint for displaying selected images.	Aerial photography WRAPS	ImageryBaseMapsEarthCover	Get XML	Request Data	

Tip: Datasets that have features that can be downloaded have the text “Expand to download feature data” in the Feature Data Available for Download column:

Expand to Show Feature Details	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand to Show Feature Details
	DATASET	Aerial Photography - Current Images - GIS Layer	Layers of current/latest images designed specifically of use in WRC WebMap applications.	Aerial photography WebMap	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - Tongariro 2004 - GIS Layer	Orthophotos of Tongariro River, 2004.	Aerial photography Image	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 1993 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 1993 orthophotography.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2006 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2006 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2007 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2007 - Colour digital orthophotography for the Waikato region.	Aerial photography Image WRAPS	ImageryBaseMapsEarthCover	Get XML		
	DATASET	Aerial Photography - WRAPS 2012 - GIS Layer	Waikato Regional Aerial Photography Service (WRAPS) 2012 - Colour digital orthophotography for the Waikato region.	Aerial photography DTM Download	ImageryBaseMapsEarthCover	Get XML	Expand to download feature data	
	DATASET	Aerial Photography Non WRAPS Extent - GIS Layer	An extent layer that shows the location of aerial photography available for use that has been obtained separately from the Waikato Regional Aerial Photography Service (WRAPS) aerial photography.	Aerial photography	ImageryBaseMapsEarthCover	Get XML		

If the dataset feature(s) are not available for download please click on the Request Data link and complete the Request for data form:

	FEATURE	GIS_ALL_FOOTPRINT_WRAPSI2	Full extent of images that are available. Specifically for use in Geomedia for displaying selected images.	Aerial photography Footprint Photography	ImageryBaseMapsEarthCover	Get XML	Request Data	
	FEATURE	GIS_ALL_WRAPSI2_MASK_EXTERIOR	Three minimum bounding rectangles covering WRC, North Island and New Zealand for the purpose of masking areas not required on a map.	Aerial photography	ImageryBaseMapsEarthCover	Get XML	Request Data	

Request for Data form

Once the form is complete click on Submit Request. Mandatory fields are marked with a red asterisk *

Data Catalogue **Waikato**
REGIONAL COUNCIL
Te Raukōwhiri o Waikato

Request for Data Cancel Request **Submit Request**

Contact Information

* Name * Email
* Organisation Role
Physical Address Postal Address
* Phone

Project Details

Project name
* Project Purpose
* Date Required

We will contact you within 5 business days with the expected timeframe to complete this request. Some datasets require a Data Use Agreement to be completed and returned before data can be supplied.

Select Datasets and Features

Select Dataset	Select Feature(s) and move to Feature(s) requested	Feature(s) requested
Aerial Photography - Current Images - GIS Layer	GIS_PHOTOS.CURRENT_REGIONAL_PHOTO_EXTE	GIS_PHOTOS.CURRENT_REGIONAL_PHOTOS
Aerial Photography - Tongariro 2004 - GIS Layer	GIS_PHOTOS.CURRENT_REGION_MOSAIC	
Aerial Photography - WRAPS 1993 - GIS Layer	GIS_PHOTOS.CURRENT_URBAN_PHOTOS	
Aerial Photography - WRAPS 2008 - GIS Layer	GIS_PHOTOS.CURRENT_URBAN_PHOTO_EXTENT	
Aerial Photography - WRAPS 2007 - GIS Layer		
Aerial Photography - WRAPS 2012 - GIS Layer		
Aerial Photography Non WRAPS Extent - GIS Layer		
Aerial Photos inventory and index		
Aerial Surveillance - Oblique Photography		
Air Quality Surveys Data		

Format

Vector: CSV GDB KML MDB Mapinfo Shapefile
Raster: ECW TIFF(.tif & .tfw)
LIDAR: ASCII .XYZI ESRI ASCII Grid Intensity Images (.tif & .tfw) LAS

Data will be supplied in standard projection New Zealand Transverse mercator (NZTM) using NZGD2000 Datum.

Area of Interest/Extent of Data


This may be in the form of a written description, image with area clearly identified, a shapefile of the area of interest, or a tile list for aerial photography or LIDAR requests

Area Of Interest File(s)

Further Information

Submit Request

Displaying the Attribute details for a Feature

To expand the details of the Feature click on the down arrow sign  on the left or right of the screen beside the Feature. This will list the attributes for the feature:

Expand to Show Feature Details	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand to Show Feature Details
↑	DATASET	Aerial Photography - Current Images - GIS Layer	Layers of current latest images designed specifically of use in WRC WebMap applications.	Aerial photography WebMap	imageryBaseMapsEarthCover	Get XML		↓
↓	FEATURE	GIS_PHOTOS_CURRENT_REGIONAL_PHOTOS	Current region images (WRAPS 2012) tiled as per NZTopo50, for use in WRC Webmap applications.	Aerial photography WebMap	imageryBaseMapsEarthCover	Get XML	Request Data	↓
	ATTRIBUTE	ID: image source and capture year with unique numeric identifier suffix						
	ATTRIBUTE	IMAGE_SET: image set						
	ATTRIBUTE	FLYING_DATE: Flying Date (may be multiple)						
	ATTRIBUTE	GEOMETRY:						
↓	FEATURE	GIS_PHOTOS_CURRENT_REGIONAL_PHOTO_EXTENT	Geographical file extent of most current regional aerial photos (WRAPS 2012) in the Waikato Region.	Aerial photography Extent	imageryBaseMapsEarthCover	Get XML	Request Data	↓

Searching for Datasets

The easiest way to search for data is by using the Find (Ctrl f) function then the word or phrase you search will be highlighted:


Find	lidar	Previous	Next	Options	33 matches			
↓	DATASET	Land Transport - RLTS Sub Regional Zones - GIS Layer	farming, owned by other government agencies or have related covenants affecting their use.	District RCP RLTS Transport	transportation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - 2007/2008	LIDAR survey and associated data for the 2007-2008 WRC flying season to provide detailed topographic data.	Catchment Contour Download Grid Hydrology LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - 2010/2011	LIDAR survey and associated data for the 2010 - 2011 WRC flying season to provide detailed topographic data for Lower Waikato, Raglan Harbour and Huhua.	Contour DTM Download Grid Image LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - 2012/2013 - Coromandel	LIDAR survey and associated data for the 2012 - 2013 WRC flying season, to provide detailed topographic data for the Coromandel Peninsula and harbours.	Coastal Contour Download Grid Harbour Hydrology LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - 2014/2015	LIDAR survey and associated data for the 2014/2015 flying season, to provide detailed topographic data for the flood protection stopbanks (Mangawara River, Paiko River and Waihou River), and specific features (Torehape and Firm of Thames wetland systems) and the West Coast cliffshore line and some estuaries (Marokoa, Awakino, Mokau and Port Waikato).	Cross section DEM DSM LIDAR Point cloud Stop bank Survey	elevation planning/Cadastre	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - 2016 Survey	LIDAR Survey 2016 - Tauranga Taupo and Tongariro Rivers	LIDAR Point cloud Survey	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - Hipoua Thermal Area - 2014	LIDAR capture of the Hipoua Thermal Area near Taupo 2014.	Contour Download Elevation Extent Grid Height LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR - Lake Taupo Foreshore - 2006	LIDAR survey and associated data of the Lake Taupo foreshore and surrounding land to provide detailed level data to the Lake Taupo Foreshore Management Strategy project.	Contour DTM Download Elevation Grid LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR Image Mosaic - GIS Layer	LIDAR generated terrain images, hill and elevation shaded to emphasise terrain detail and elevation above sea level.	Elevation Mosaic Terrain	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR Regional Contours	This dataset contains 1m contours taken from the half metre contour set associated with the WRC LIDAR data collection. This Oracle preparation of the LIDAR contours has been produced to allow viewing of the contours in the web map services.	Contour LIDAR	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	LIDAR Regional Extents and Coverage Datasheet	LIDAR extent information for Waikato Region.	Coverage Download Elevation Extent LIDAR	elevation	Get XML	Expand to download feature data	↓
↓	DATASET	Lifelines - GIS Layer	Data collected from various sources for use in an emergency.	Emergency management Fuel Lifelines	utilities/Communication	Get XML	Expand to download feature data	↓

Alternatively you can find datasets using the Filter option:

Datasets


Show Filter

Filter help

 Rows



A subset of datasets will be returned:


Expand to Show Feature Details	Level Type	Resource Title	Abstract	Keywords	Topic Category	XML	Feature Data Available for Download	Expand to Show Feature Details
↕	DATASET	LIDAR - 2007/2008	LIDAR survey and associated data for the 2007-2008 WRC flying season to provide detailed topographic data.	Catchment Contour Download Grid Hydrology LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - 2010/2011	LIDAR survey and associated data for the 2010 - 2011 WRC flying season to provide detailed topographic data for Lower Waikato, Raglan harbour and Huiua.	Contour DTM Download Grid Image LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - 2012/2013 - Coromandel	LIDAR survey and associated data for the 2012 - 2013 WRC flying season, to provide detailed topographic data for the Coromandel Peninsula and harbours.	Coastal Contour Download Grid Harbour Hydrology LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - 2014/2015	LIDAR survey and associated data for the 2014/2015 flying season, to provide detailed topographic data for the flood protection stopbanks (Mangawara River, Piako River and Waihou River), and specific features (Torehapa and Firth of Thames wetland systems) and the West Coast cliffshore line and some estuaries (Maroropa, Awakino, Moiau and Port Waikato).	Cross section DEM DSM LIDAR Point cloud Stop bank Survey	elevation planningCadastr	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - 2016 Survey	LIDAR Survey 2016 - Tauranga Taupo and Tongaroro Rivers	LIDAR Point cloud Survey	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - Hipaua Thermal Area - 2014	LIDAR capture of the Hipaua Thermal Area near Taupo 2014.	Contour Download Elevation Extent Grid Height LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR - Lake Taupo Foreshore - 2009	LIDAR survey and associated data of the Lake Taupo foreshore and surrounding land to provide detailed level data to the Lake Taupo Foreshore Management Strategy project.	Contour DTM Download Elevation Grid LIDAR Point cloud	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR Image Mosaic - GIS Layer	LIDAR generated terrain images, hill and elevation shaded to emphasise terrain detail and elevation above sea level. This dataset contains 1m contours taken from the half metre contour set associated with the WRC LIDAR data collection. This Oracle preparation of the LIDAR contours has been produced to allow viewing of the contours in the web map services.	Elevation LIDAR Mosaic Terrain	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR Regional Contours		Contour LIDAR	elevation	Get XML	Expand to download feature data	↕
↕	DATASET	LIDAR Regional Extents and Coverage Dataset	LIDAR extent information for Waikato Region.	Coverage Download Elevation Extent LIDAR	elevation	Get XML	Expand to download feature data	↕


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