

Wellington City Wind Zones Metadata

Name:	Wellington City Wind Zones
Abstract:	Wind Zones for the Wellington City Urban Areas using NZS3604:2011. When applying for a building consent, the wind zone in which a structure is located determines structural requirements (New Zealand Building Code - NZBC B1 - Structure) and weather tight requirements (NZBC E2 - External Moisture).
Purpose of data:	Wellington City Council business
Area of coverage:	Urban Wellington including Makara Beach and Tawa
Date of capture / date created:	2012
Data type:	Vector
Native data format:	Arc SDE Geodatabase
Update frequency:	Not updated
Accuracy:	
Accuracy statement:	The determination of the correct Wind Zone can only be achieved by accurate knowledge of ground topography, ground roughness, site exposure and "expected conditions five years hence". Whilst every endeavour has been made to determine the correct Wind Zone the final interpretation remains the prerogative of the Territorial Authority (Wellington City Council) in whose district the site is situated.
Image resolution / ground sample distance:	Not applicable
Dataset history:	The Wind Zone map data has been prepared so as to enable the Designer (or Building Inspector) to obtain the Wind Zone for urban area within the Wellington City urban areas without referral to NZS3604: 2011 section 5. NZS3604:2011 was cited in the NZBC from 1 February 2012 as a means of compliance with B1(structure). WCC commissioned CLC Consultanting Group Ltd to produce wind maps in accordance with this standard. Wind zone is a key input into the building design process. Buildings are designed to meet the loads (including wind) that may occur over the life of the building (generally 50 years).
Coordinate System:	Horizontal Coordinate System: NZTM Geodetic Model: NZGD2000
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Additional Notes:	Wind Codes and Wind Zones: 1 Low Wind (L)

	2 Medium Wind (M) 3 High Wind (H) 4 Very High Wind (VH) 5 Specific Design (zone outside the scope of NZS3604:2011) (SEG) 6 Extra High (EH) 1000 Unknown
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