

Wellington City Potential Flood Hazards Metadata

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| Name: | Wellington City Potential Flood Hazards |
| Abstract: | This dataset contains areas representing Potential Flood Hazards Wellington City may experience. It is derived from a combination of historical data and information created from catchments modelled under WCC's catchment management plan. There may be implications for subdivision activity or building consents in these areas. |
| Purpose of data: | Wellington City Council business |
| Area of coverage: | Wellington City (based on territorial local authority boundaries) |
| Date of capture / date created: | 2006 |
| Data type: | Vector |
| Native data format: | Arc SDE Geodatabase |
| Update frequency: | When required |
| Positional accuracy: | +/- 4m horizontal |
| Accuracy statement: | Wellington City GIS data has been compiled from a number of sources and its accuracy may vary. This data is provided "as is" without warranty of any kind. The Wellington City Council recommends that you independently verify the accuracy, currency and reliability of any information upon which you intend to rely. The GIS data made available by Wellington City Council may be amended and updated by the Council without notification. There may be significant delays before data is updated to reflect changes in an area. |
| Image resolution / ground sample distance: | Not applicable |
| Dataset history: | <p>The Resource Management Act 2001 requires Councils to control potential development effects including mitigation of natural hazards. This requires the Council to have records of natural hazards i.e. floodplain management plans. The Building Act also required buildings to be protected up to a 50 year Annual Return Index (ARI) event.</p> <p>Hazard Maps deter the construction of new buildings in flood prone areas. Council has, for the last 10 years, prepared Flood Hazard Maps as part of their Catchment Management Planning process. To date 10 flood hazard assessments have been produced (totalling 7,419ha).</p> <p>The maps are based on 50 year storm event and include a freeboard of 300mm added to peak flood water levels. Each flood risk area has an associated level for the minimum floor level that includes this freeboard. Contact Wellington City</p> |

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| | <p>Council for more information about minimum floor levels.</p> <p>Potential Flood Hazard areas were modelled in MIKE21 using a 4m grid size. Results were then smoothed using 100mm contours derived from a WCC 2m DTM.</p> |
| Coordinate System: | Horizontal Coordinate System: NZTM Geodetic Model: NZGD2000 |
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| Additional Notes: | |
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