



## **BIBLIOGRAPHIC REFERENCE**

Power, W.L. 2013. Tsunami hazard curves and deaggregation plots for 20km coastal sections, derived from the 2013 National Tsunami Hazard Model, GNS Science Report 2013/59. 547 p.

W. L. Power, GNS Science, PO Box 30368, Lower Hutt 5040, New Zealand

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## **ABSTRACT**

New Zealand is vulnerable to tsunami from many sources, and some parts of the coast are more vulnerable than others. A recent review of tsunami hazard for the Ministry of Civil Defence and Emergency Management (MCDEM) included a first fully nationwide probabilistic calculation of the level of tsunami hazard, permitting evaluation and comparison of tsunami hazard for the whole coast. That hazard assessment forms the basis for a New Zealand National Tsunami Hazard Model (NZ-NTHM).

This report contains tsunami hazard curves, and deaggregation pie charts, for 268 sections of the New Zealand coast, each of which is approximately 20km long. The results are calculated using the NZ-NTHM and use the same methodology as presented in the tsunami hazard report for MCDEM (Power, 2013). This report is intended to be used in conjunction with Power (2013).

## **KEYWORDS**

Tsunami, hazard, New Zealand, probabilistic





## 1.0 INTRODUCTION

The Review of Tsunami Hazard in New Zealand (2013 Update) (Power, 2013) contains a probabilistic tsunami hazard model covering the entire New Zealand coastline. For that report the coastline was divided into 268 sections, each approximately 20 km long. Due to space limitations, detailed hazard curves and tsunami source deaggregation plots were only presented for 16 main urban areas.

This report contains the hazard curves and deaggregation plots for the complete set of all 268 sections. Maps of the coastal sections have been provided in Section 1.2 to help with locating the data for any chosen section.

The methodology for the hazard calculations is exactly the same as appears in Power (2013), and the details are not reproduced here. Users of the results presented here should bear in mind the modelling limitations described in Section 6.10 of Power (2013).

A brief explanation of the interpretation of the data in the figures is given in section 1.1.

## 1.1 RESULTS INTERPRETATION

The coast of New Zealand was divided into 268 sections, each approximately 20 km long as measured along the open coast. Within each section the model produces a hazard curve that illustrates the expected maximum tsunami height (as defined in Section 6.6 of Power (2013)) as a function of return period. A series of hazard curves for the coastal sections are included in Appendix 1: the solid line indicates the best-estimate hazard curve and the dashed lines are 'error bars' indicating the 16th and 84th percentile of uncertainty. During a tsunami, the peak water levels will vary considerably even across a 20 km section of coast; in the curves shown here the 'maximum amplitude' should be interpreted as the maximum tsunami height measured at the location within the section where it is highest; the median tsunami height within the section may be significantly lower (see, e.g., Power et al., 2010).

Opposite the hazard curves are two pie charts; these show the breakdown of the relative contribution of different fault sources to the median hazard (i.e., the 50th percentile of uncertainty in the hazard curves) at 500 years and 2500 years. The area of each slice of the pie indicates the proportion of the hazard for which a particular fault is responsible—the larger the area the more frequently that source is expected to produce tsunami of the size corresponding to the return period.

The pie charts indicate the six tsunami sources that most frequently generate tsunami at the median height (in terms of confidence) for the 500 year and 2500 year return periods. The pie charts also show the effective magnitude (see Section 6.5 of Power (2013)) of earthquakes on these faults that are necessary to generate a tsunami of this height. While these events are estimated to produce tsunami of the same height at the coast, the extent of inundation is expected to vary with the number and period of waves.

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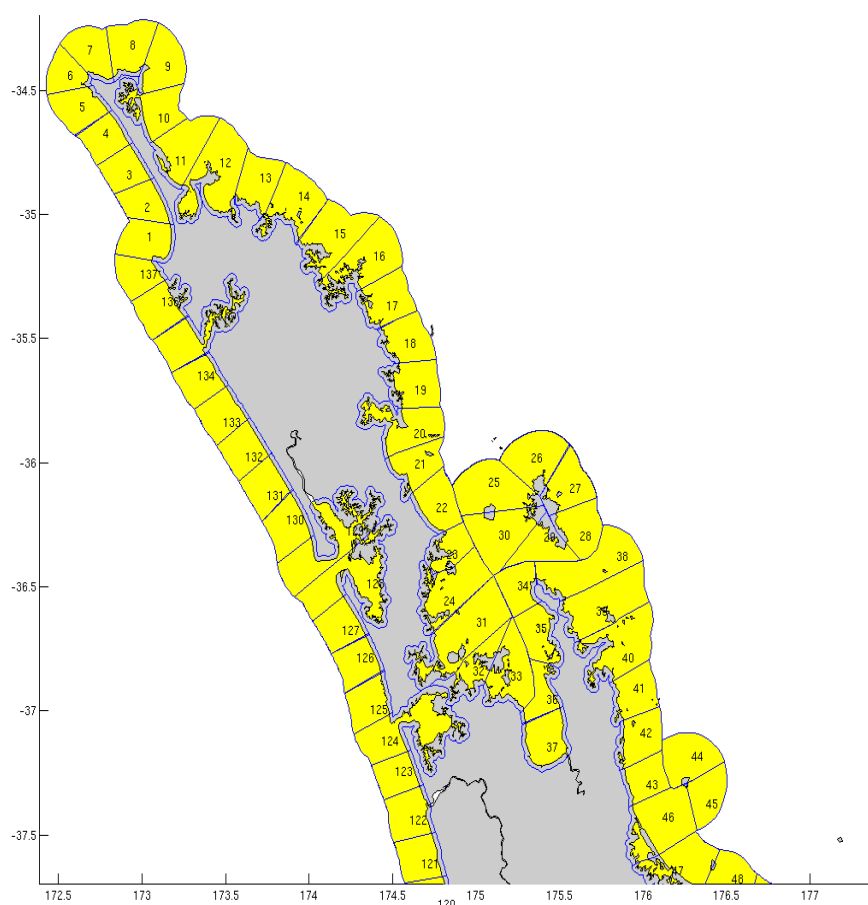
<sup>1</sup> The hazard model in Power (2013) is primarily an open coast tsunami hazard model. While the modelling did include harbours, they may not be well resolved at the resolution used. Hence all coastal sections included 20 km of open coast.

The fault labels on the pie charts indicate the estimated magnitude that an earthquake on each source would need to be to produce a tsunami that would reach this height according to our deaggregation. The labelling convention is as follows: first there is a code indicating the general source region (NZ=New Zealand, AK=Alaska, CA=Central America, CD=Cascadia, CL=Chile, CO=Colombia, JP=Japan, MX=Mexico, PE=Peru, PH=Philippines, PNG=Papua New Guinea, SPAC=South Pacific); then comes the fault or subduction zone name (see Appendices 3 and 4 of Power (2013)); next is the magnitude from the deaggregation. Sometimes the effective magnitudes may be greater than those considered possible for the fault—this is a consequence of the approximations used to represent the effects of non-uniform slip and other uncertainties. In other words, a uniform slip event of this magnitude is used to approximate a non-uniform slip earthquake of lower magnitude.

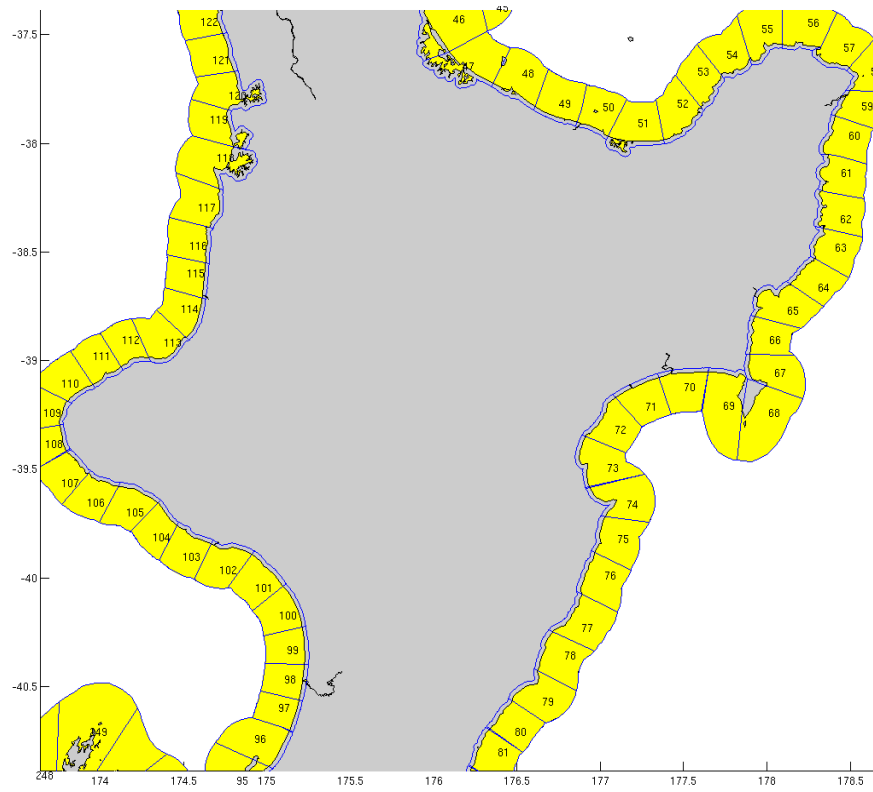
In some instances where the contribution of a fault to a pie chart is very small, the fault label may be overwritten and difficult to read. Please contact the author at GNS Science for clarification if necessary.

### 1.1 LOCATING DATA

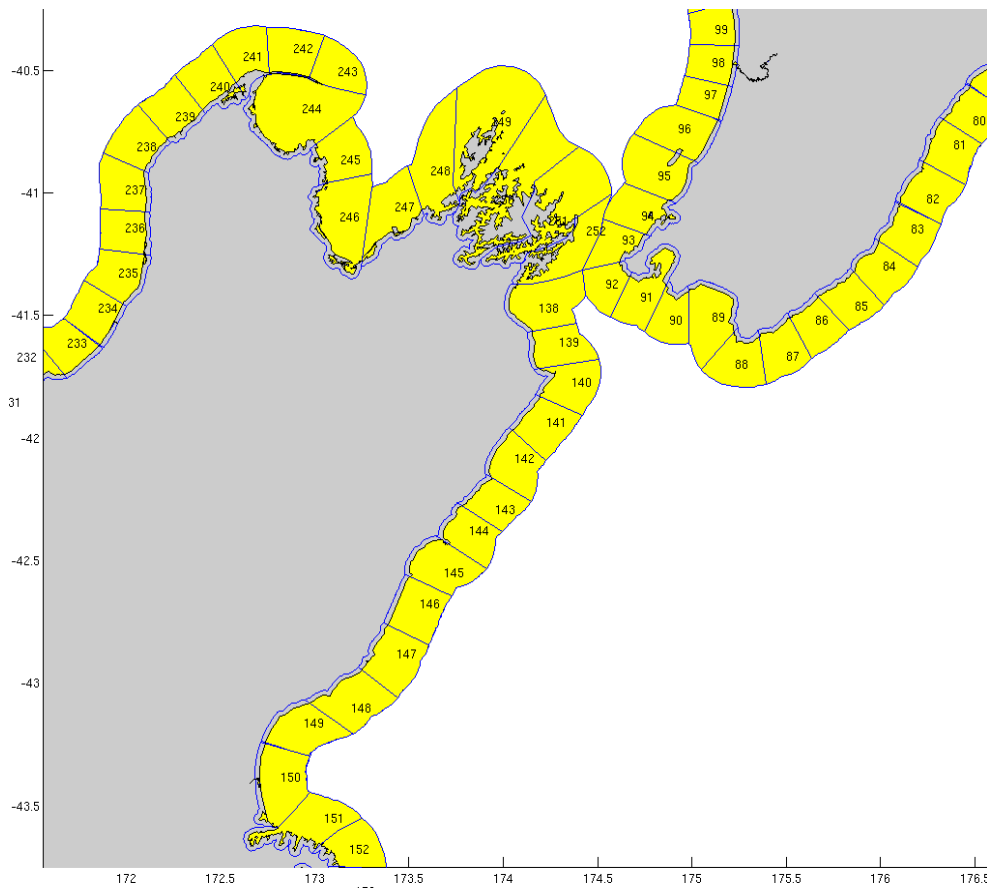
Hazard curves and deaggregation plots are featured in Appendix 1. To find the data for a particular section of coast, first identify the section number using Figures 1.1-1.6. Then use this number to find the appropriately numbered page in the Appendix.



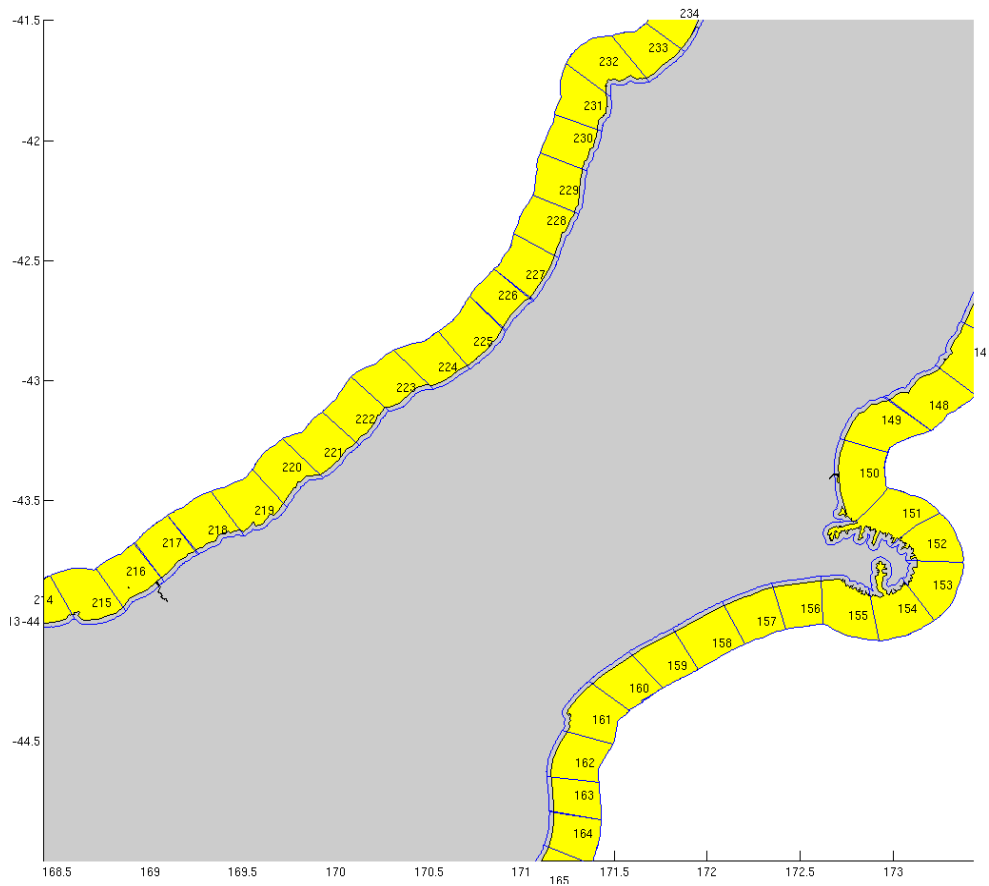
**Figure 1.1** Numbered coastal sections for the northern North Island.



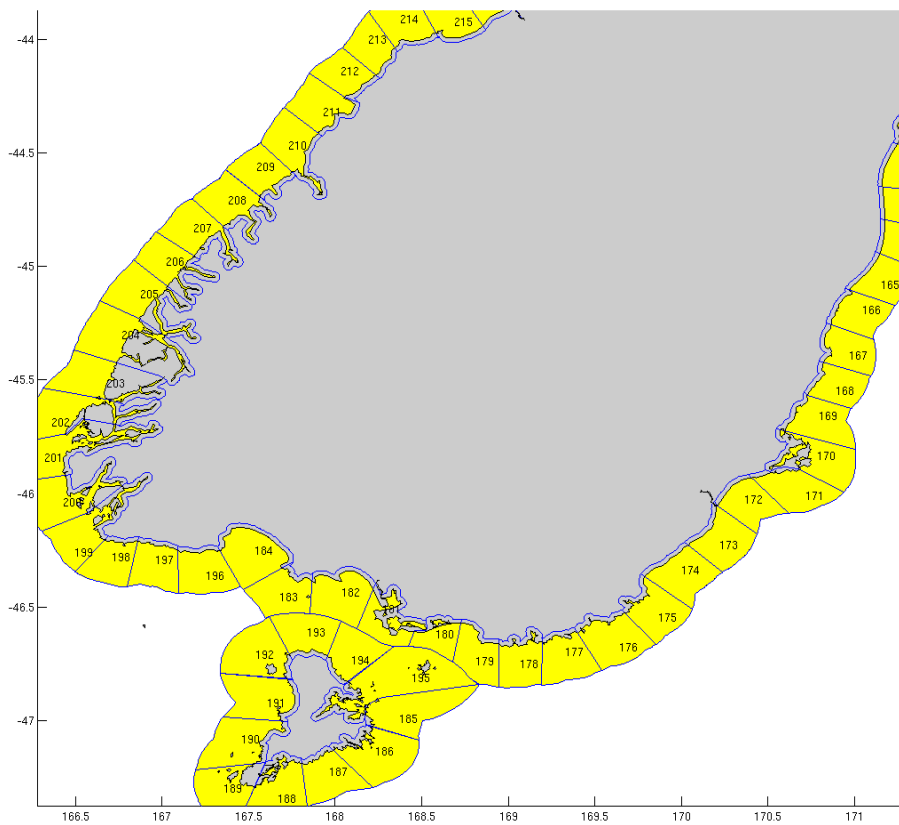
**Figure 1.2** Numbered coastal sections for the central North Island.



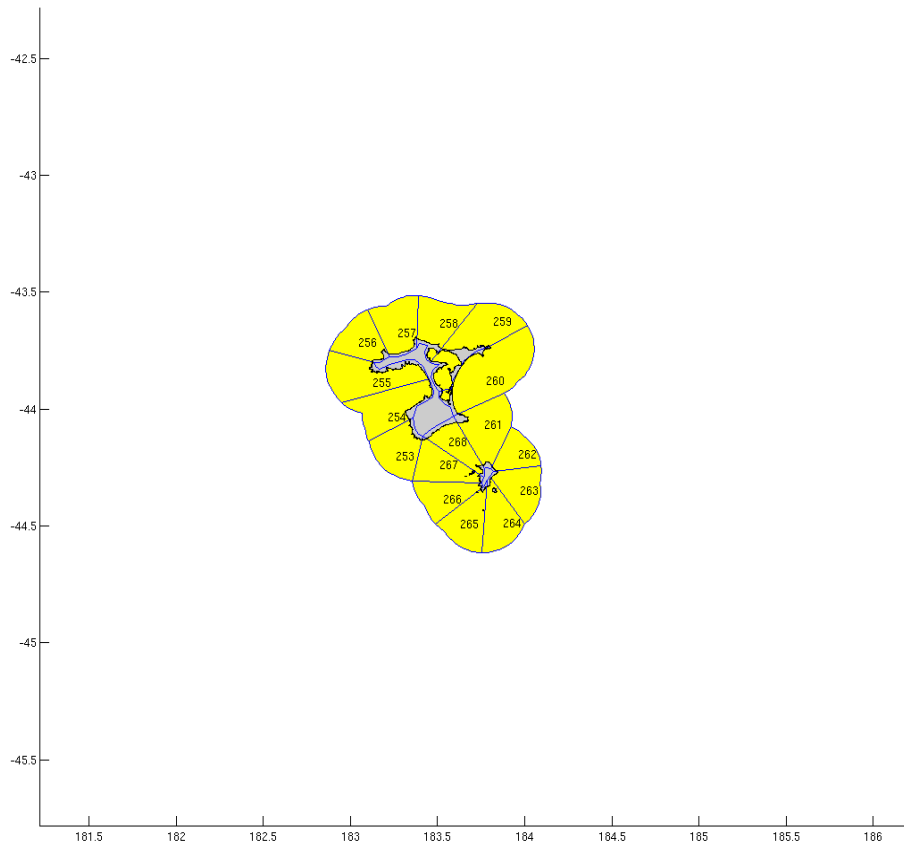
**Figure 1.3** Numbered coastal sections for central New Zealand.



**Figure 1.4** Numbered coastal sections for the central South Island.



**Figure 1.5** Numbered coastal sections for the southern South Island.



**Figure 1.6** Numbered coastal sections for the Chatham Islands.

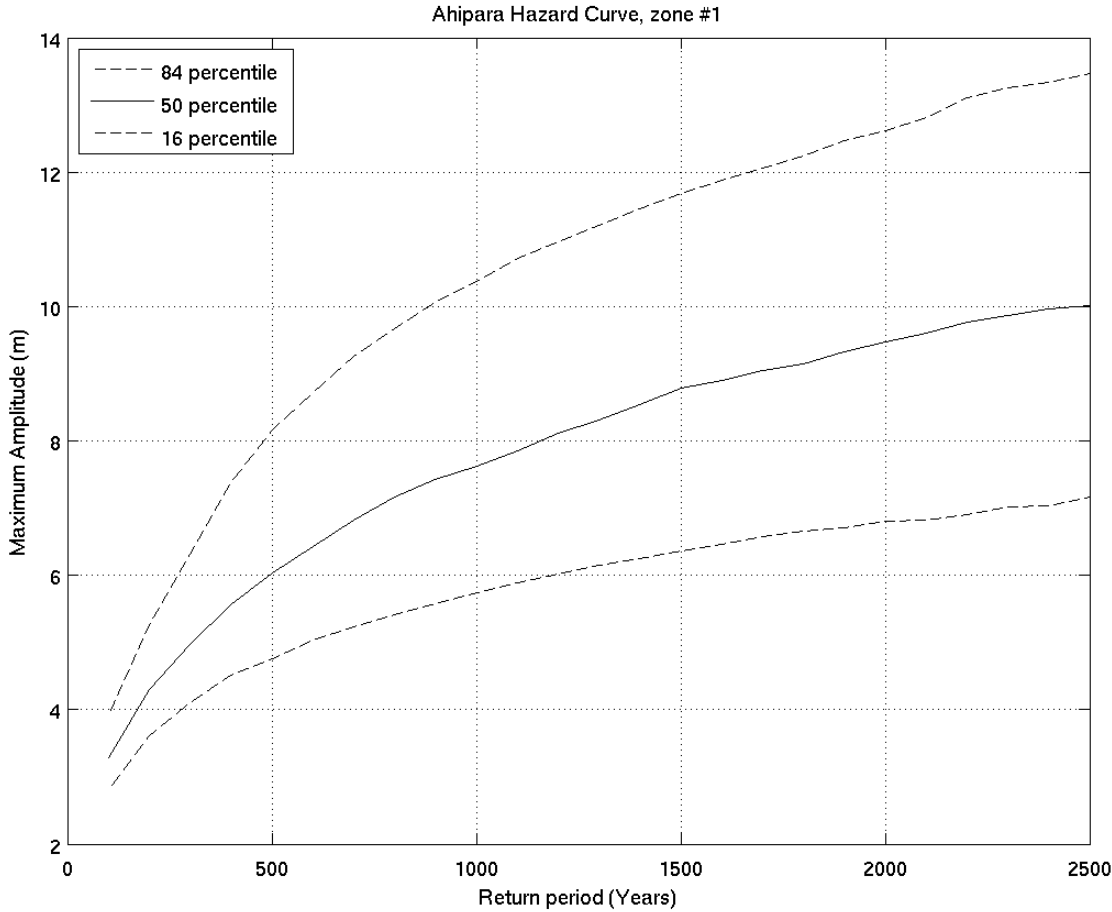
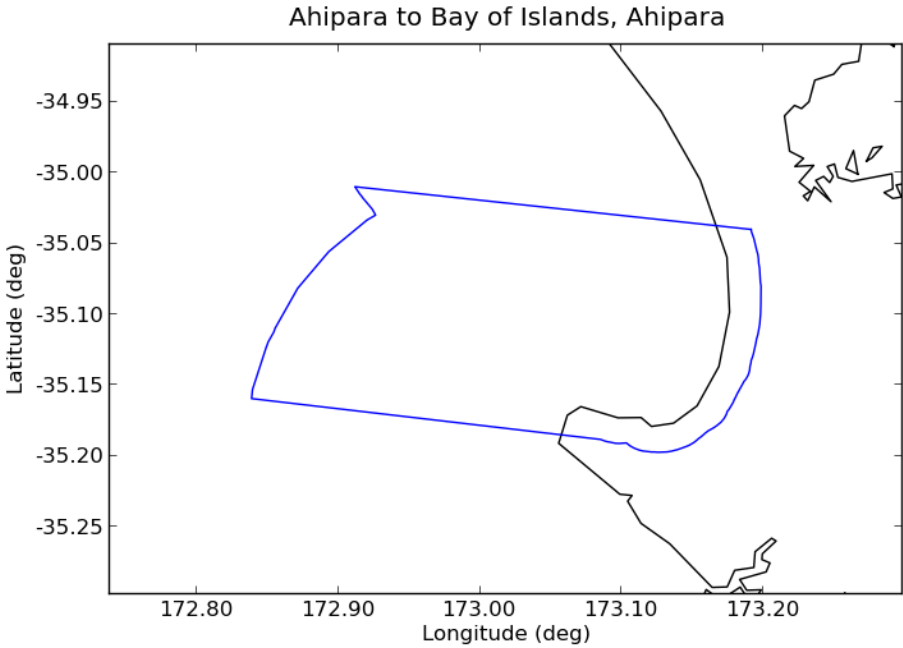
### 1.3 REFERENCES

- Power, W.L.; Gale, N.H.; Lukovic, B.; Gledhill, K.R.; Clitheroe, G.; Berryman, K.R.; Prasetya, G. (2010) Use of numerical models to inform distant-source tsunami warnings. Lower Hutt: GNS Science. GNS Science report 2010/11. 22 p.
- Power, W.L. (compiler). (2013). Review of Tsunami Hazard in New Zealand (2013 Update), GNS Science Consultancy Report 2013/131. 222 p. Made publically available through the MCDEM website.



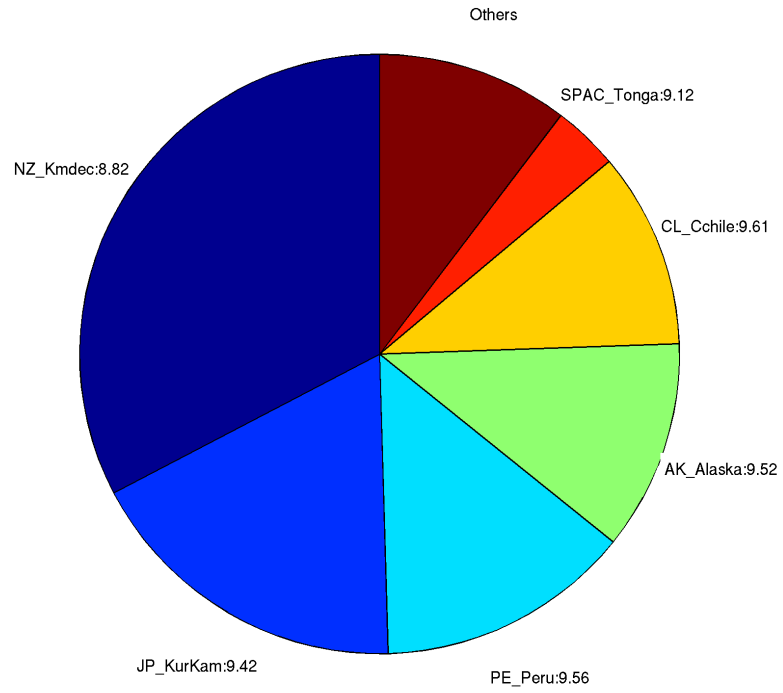
## **APPENDICES**

1. Ahipara

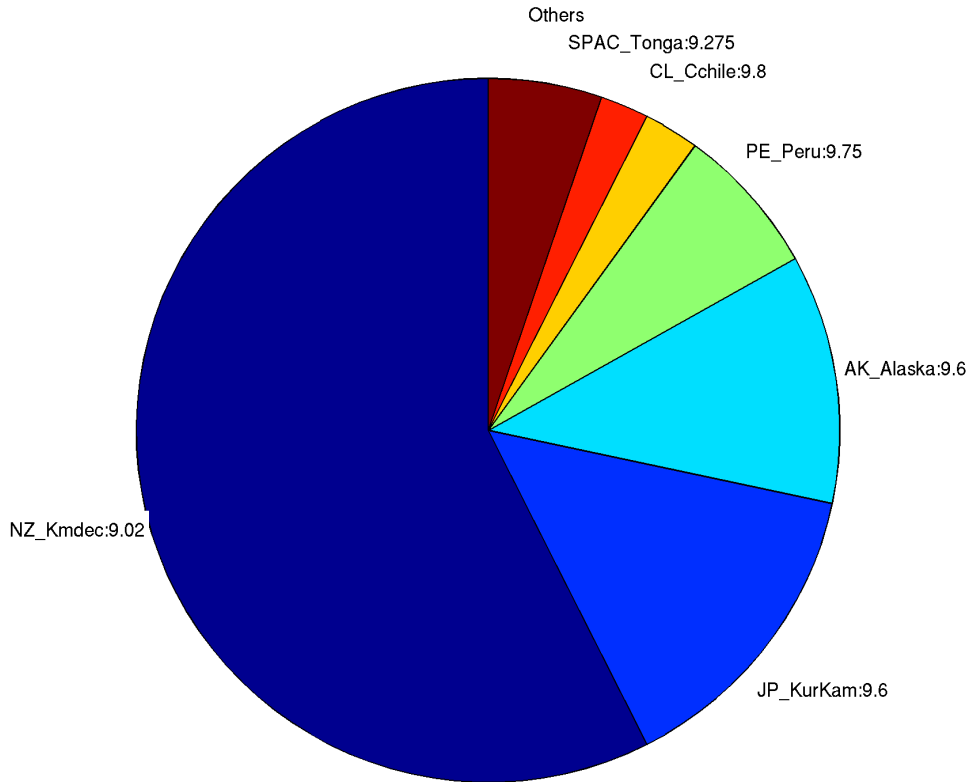




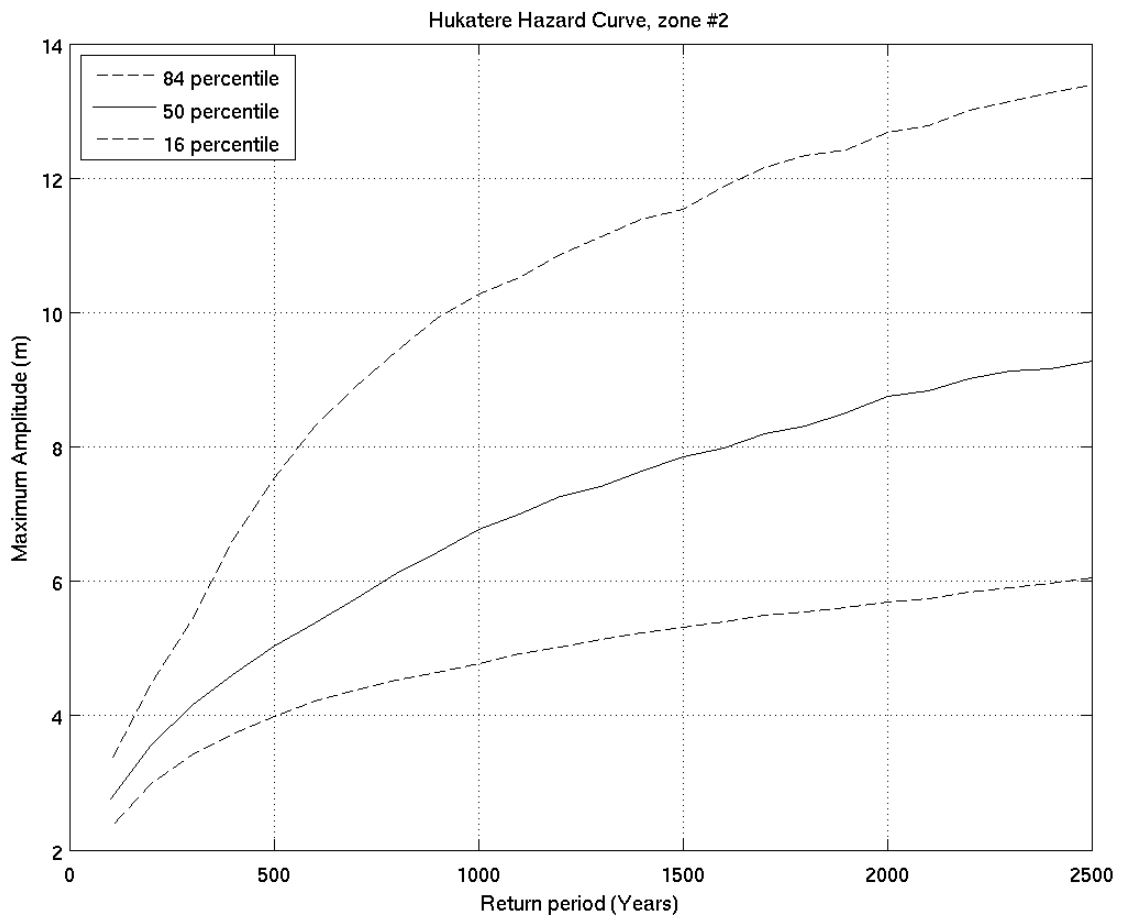
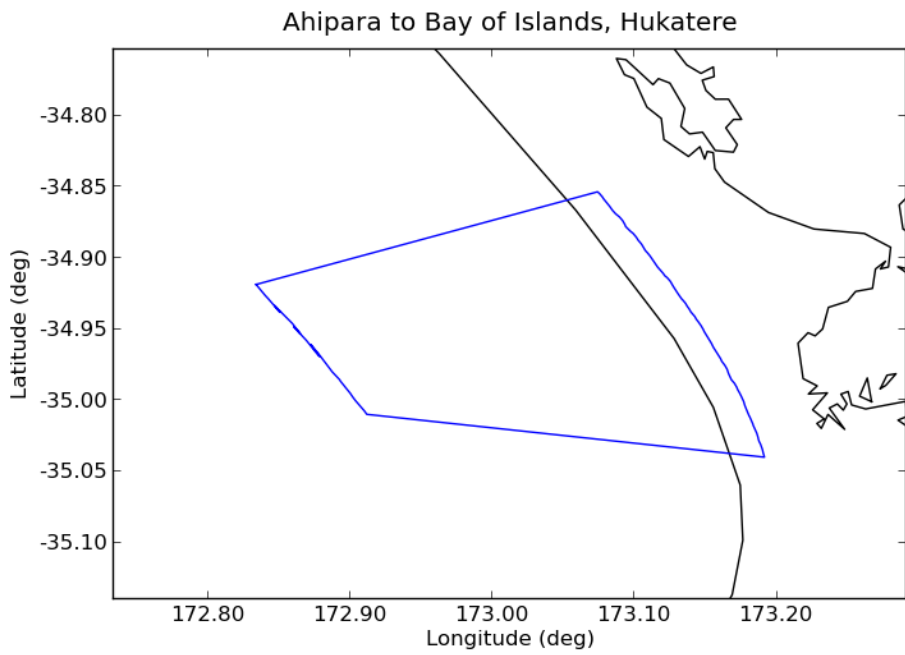
Deaggregation of Zone:1, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0225 m



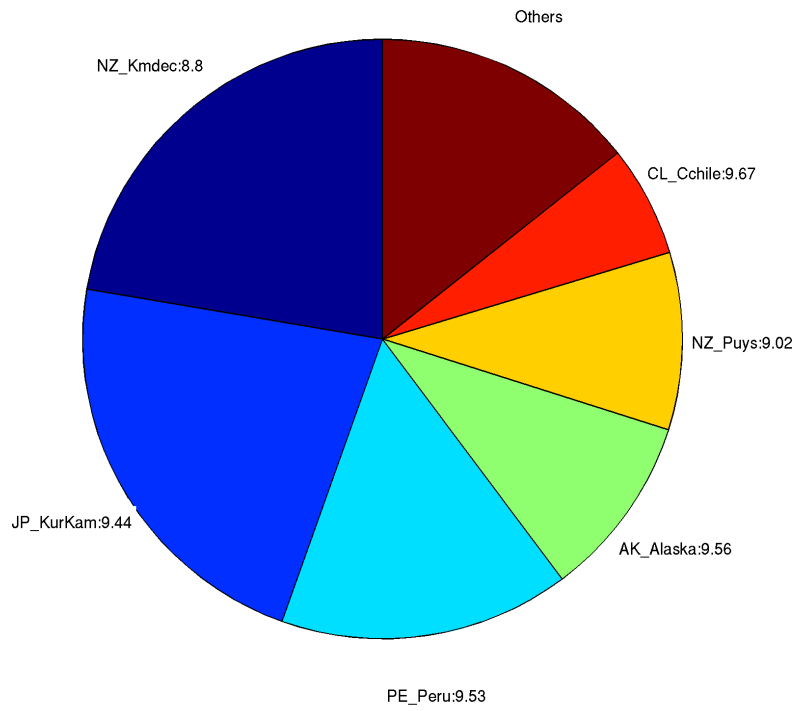
Deaggregation of Zone:1, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.9997 m



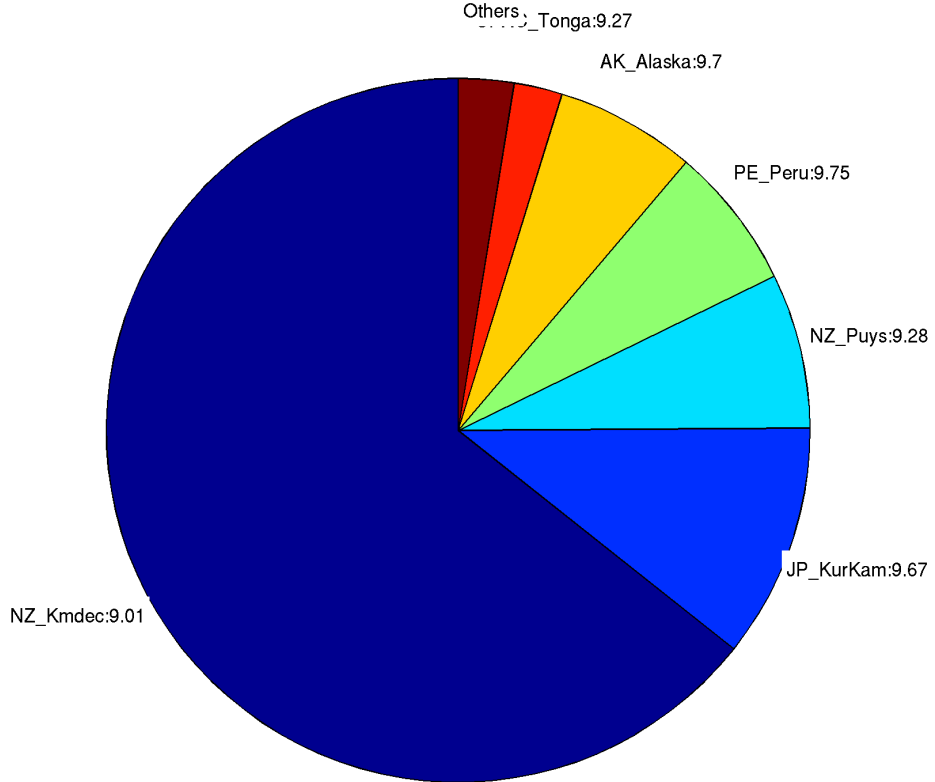
## 2. Hukatere



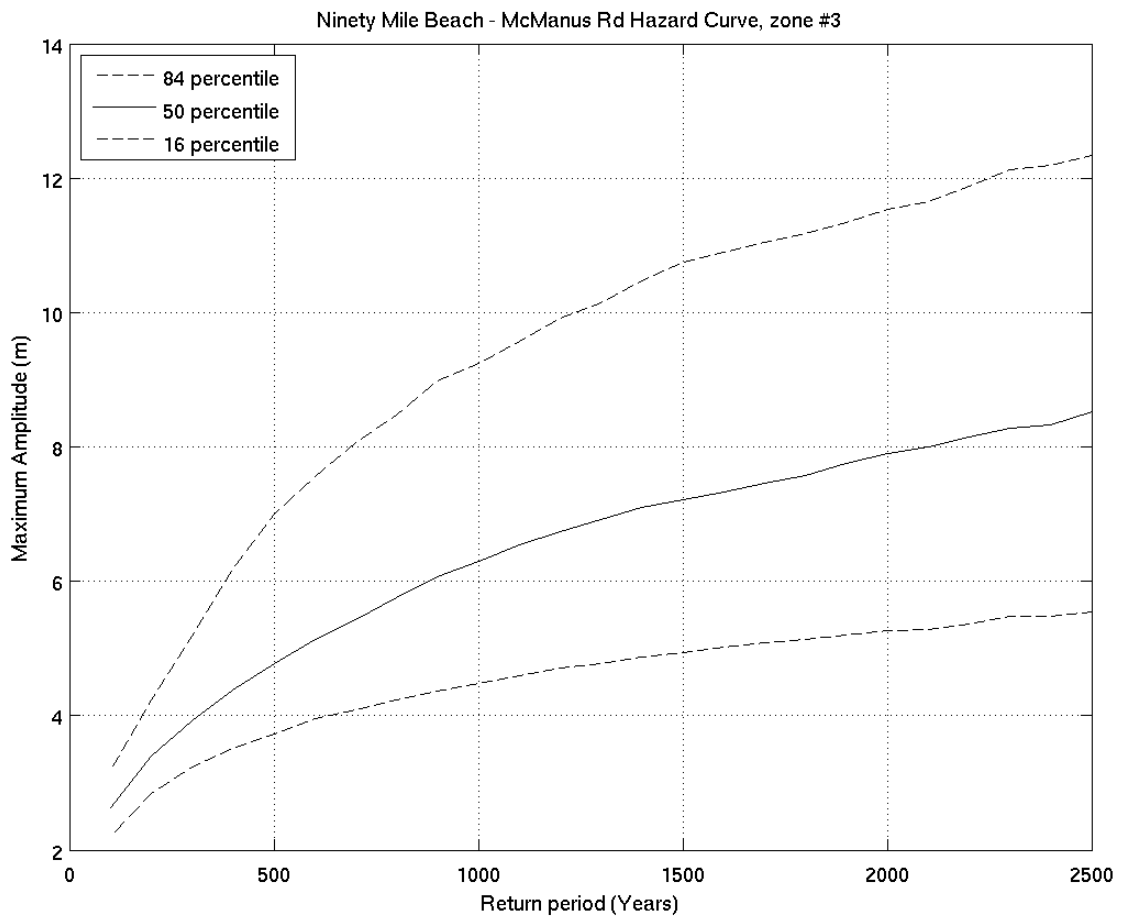
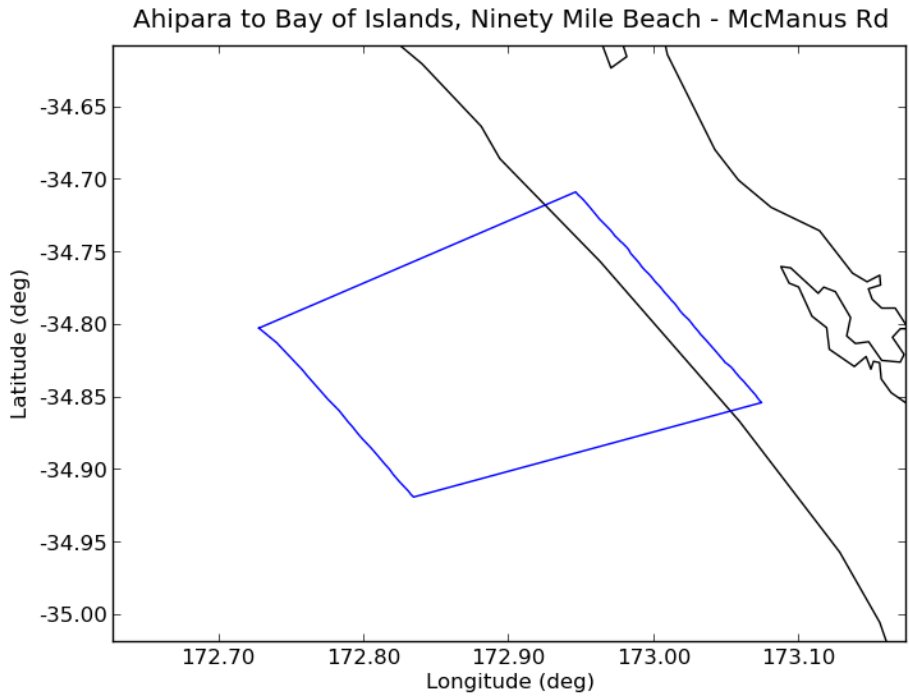
Deaggregation of Zone:2, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.0284 m



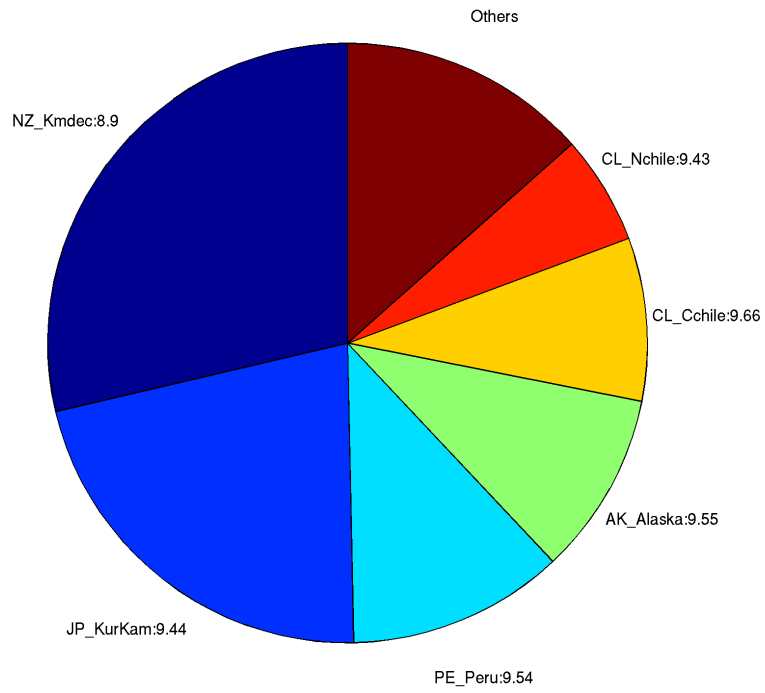
Deaggregation of Zone:2, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.2671 m



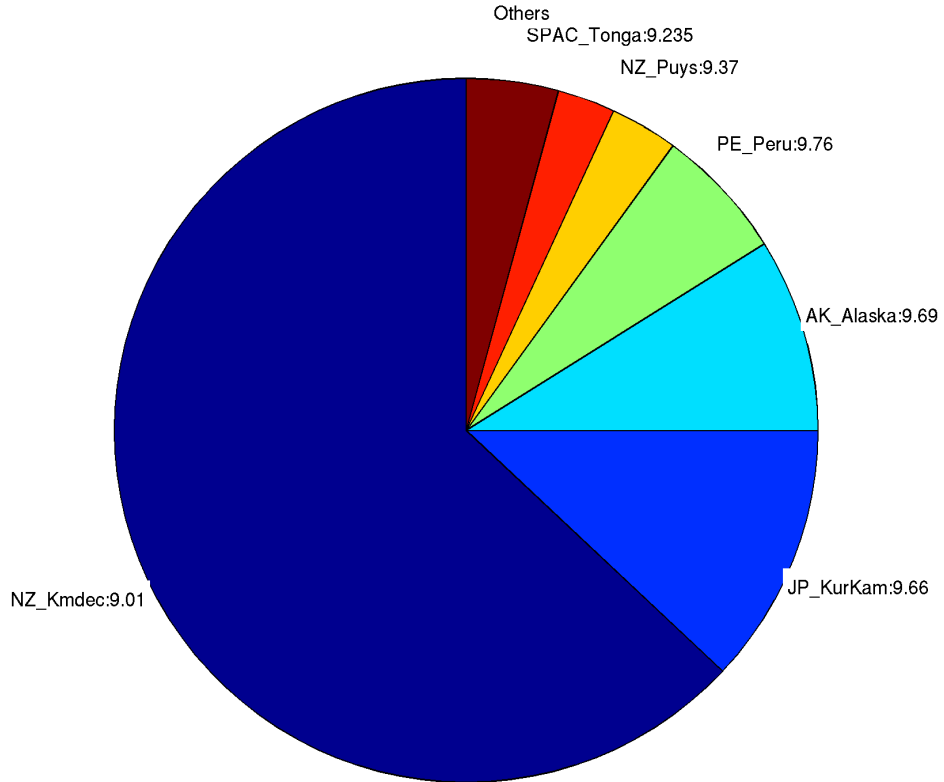
### 3. Ninety Mile Beach - McManus Rd



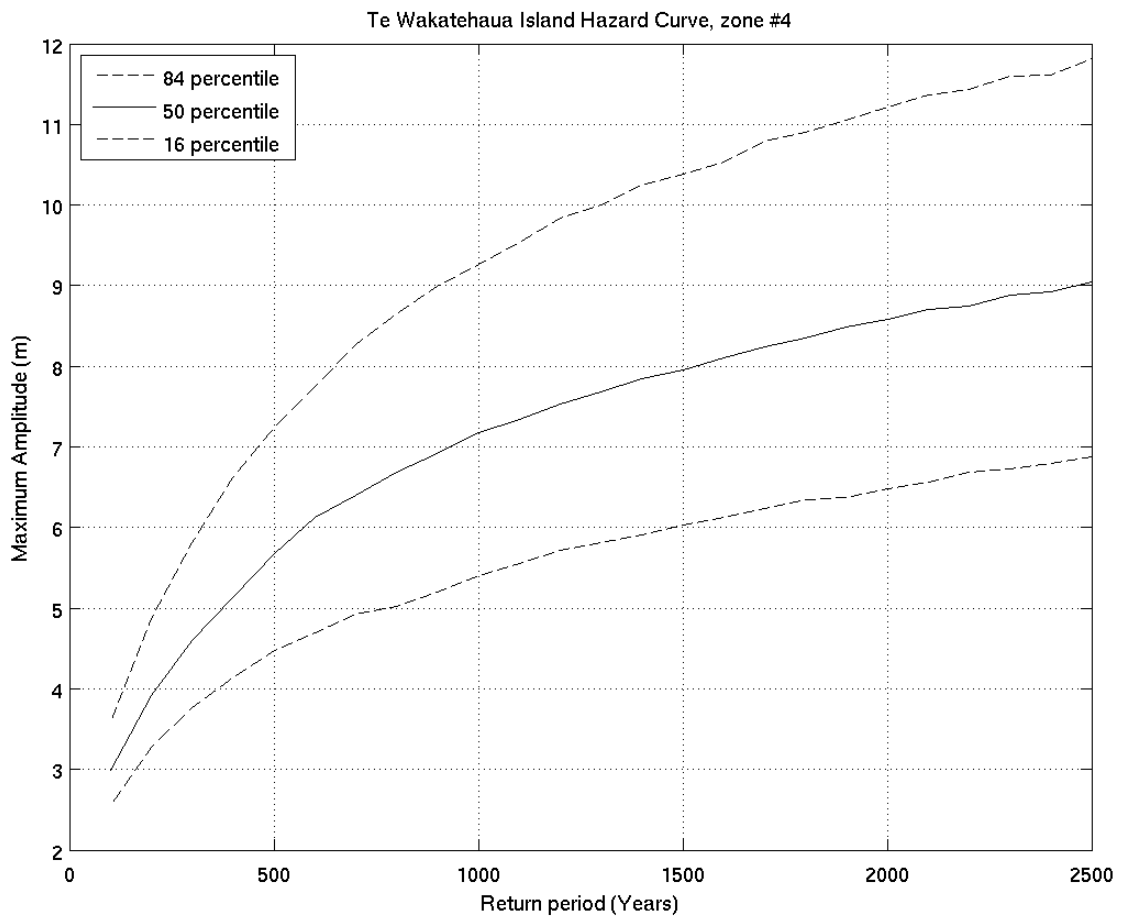
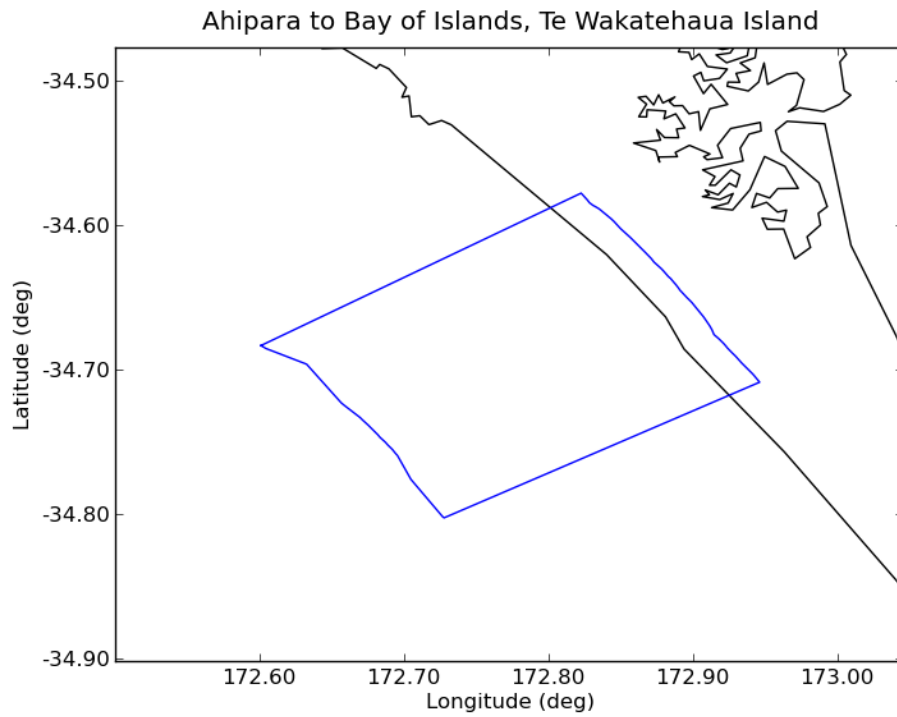
Deaggregation of Zone:3, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.768 m



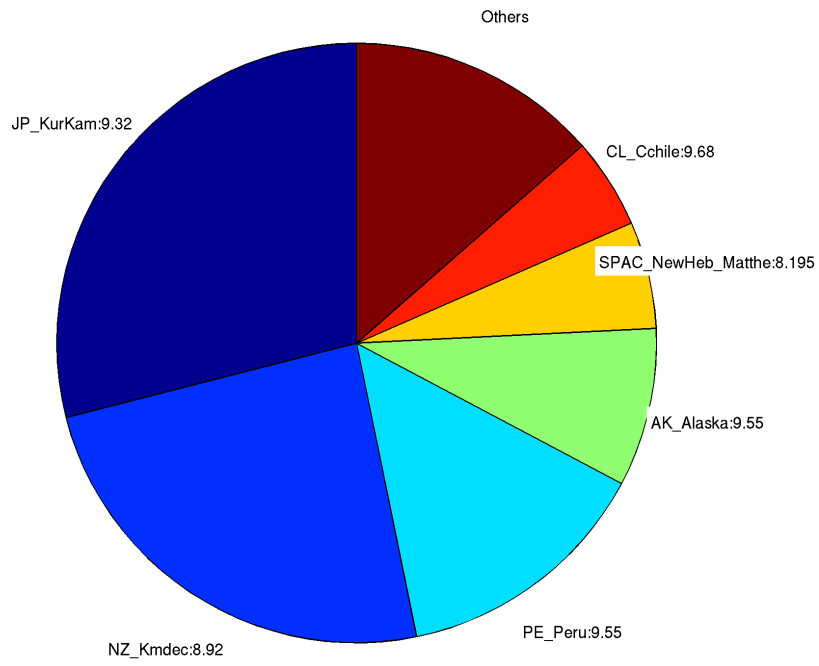
Deaggregation of Zone:3, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5242 m



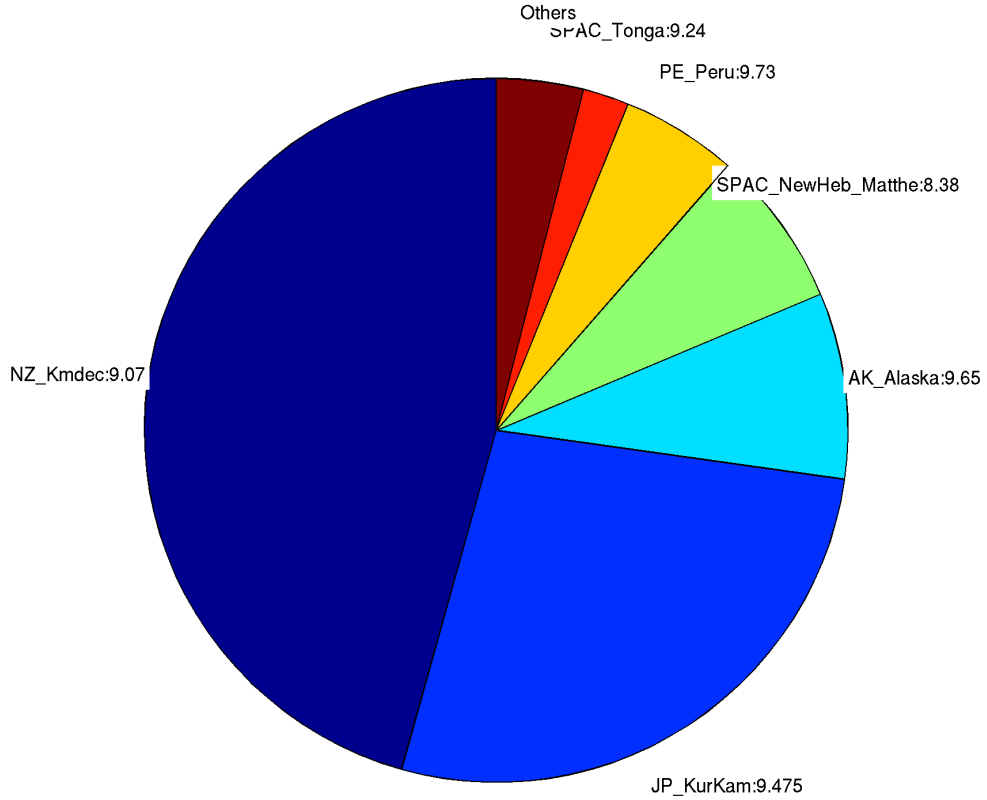
#### 4. Te Wakatehau Island



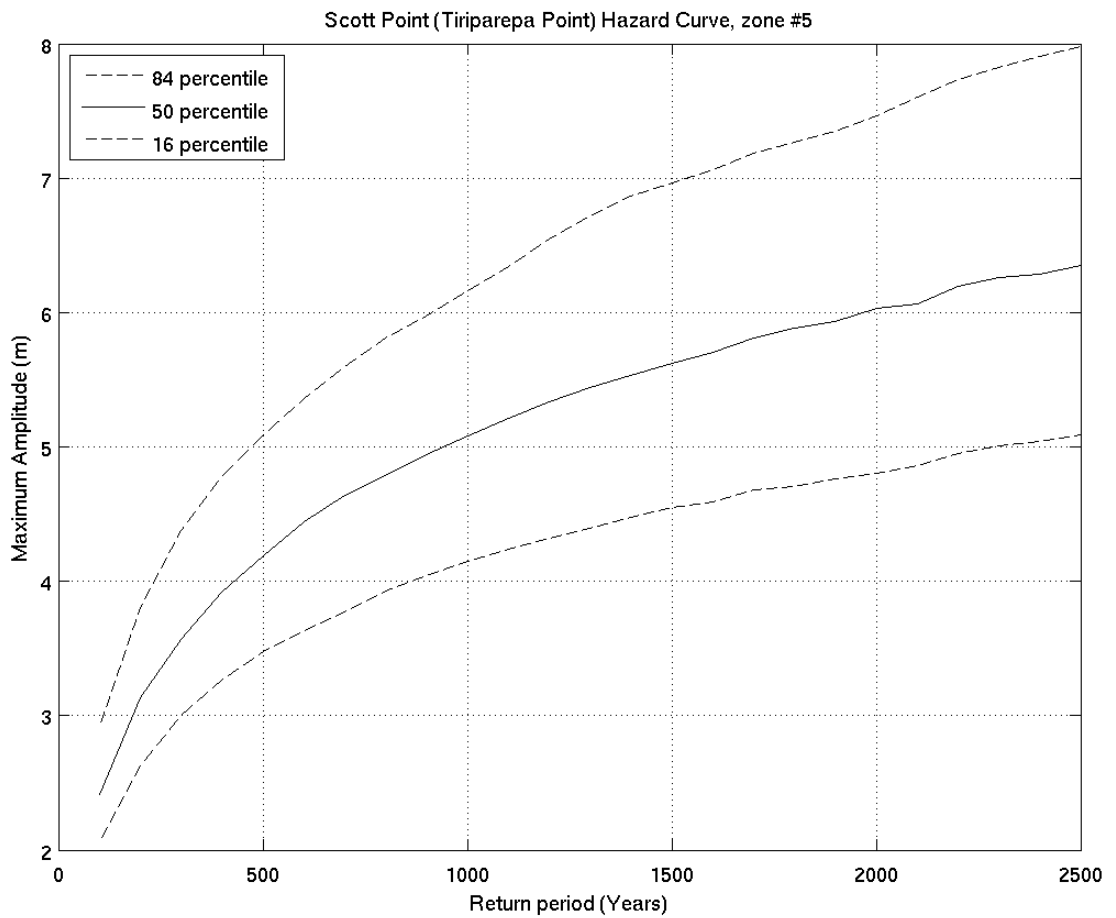
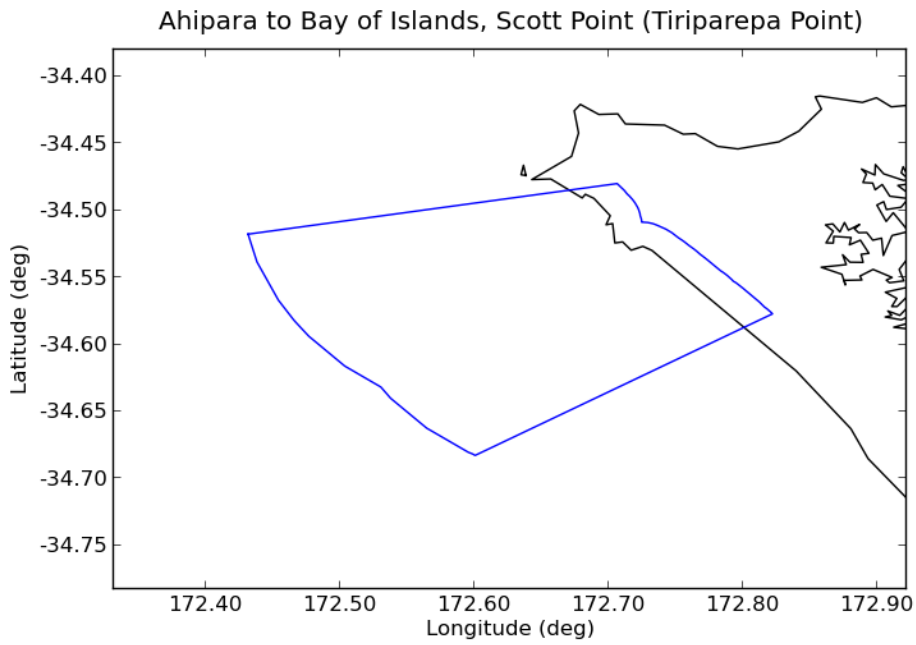
Deaggregation of Zone:4, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.6768 m



Deaggregation of Zone:4, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.0468 m

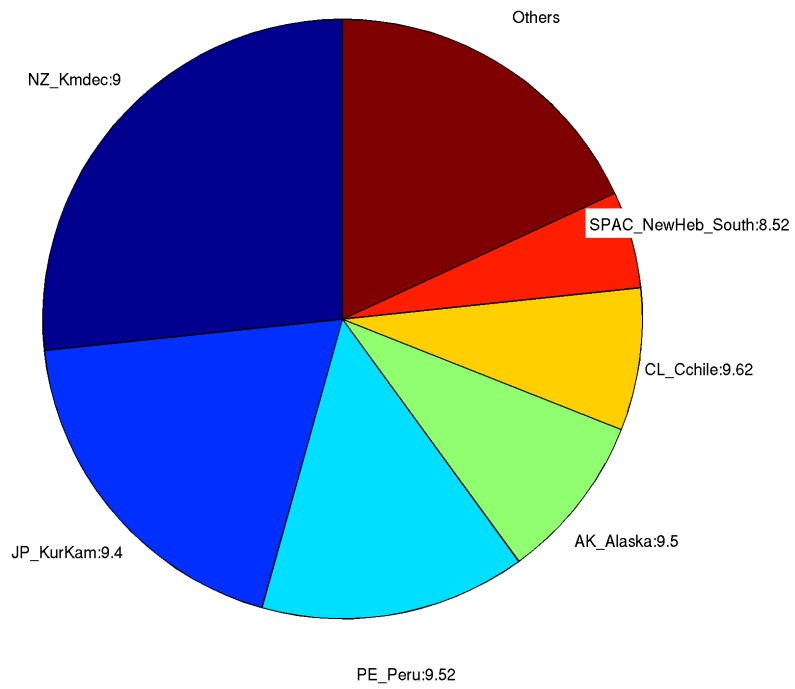


## 5. Scott Point (Tiriparepa Point)

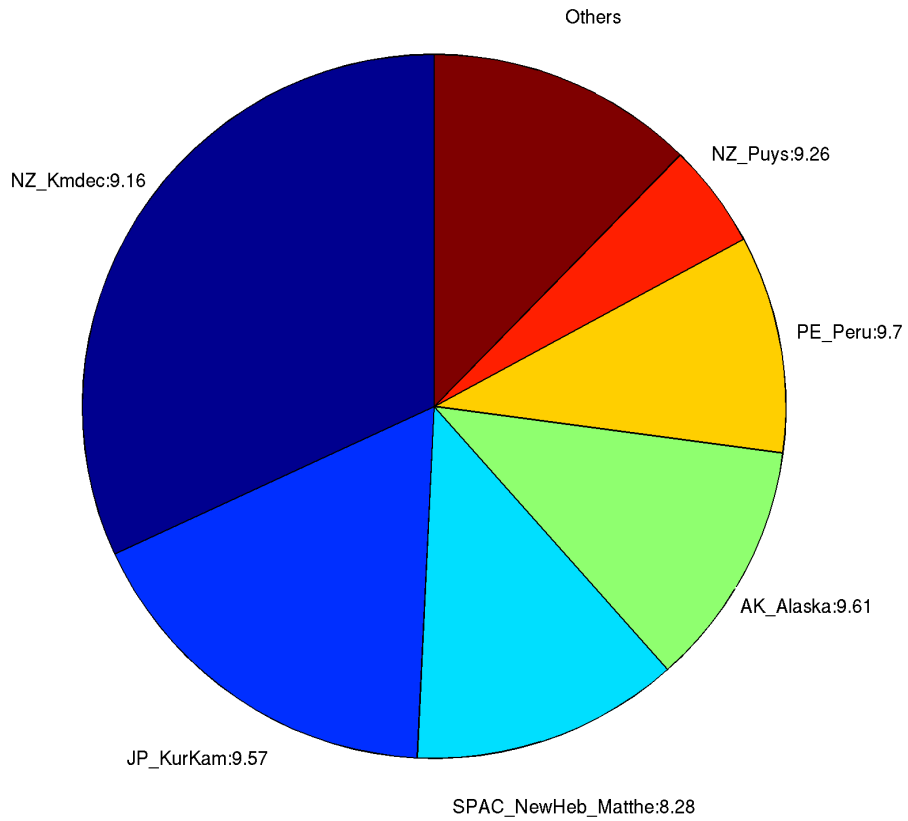




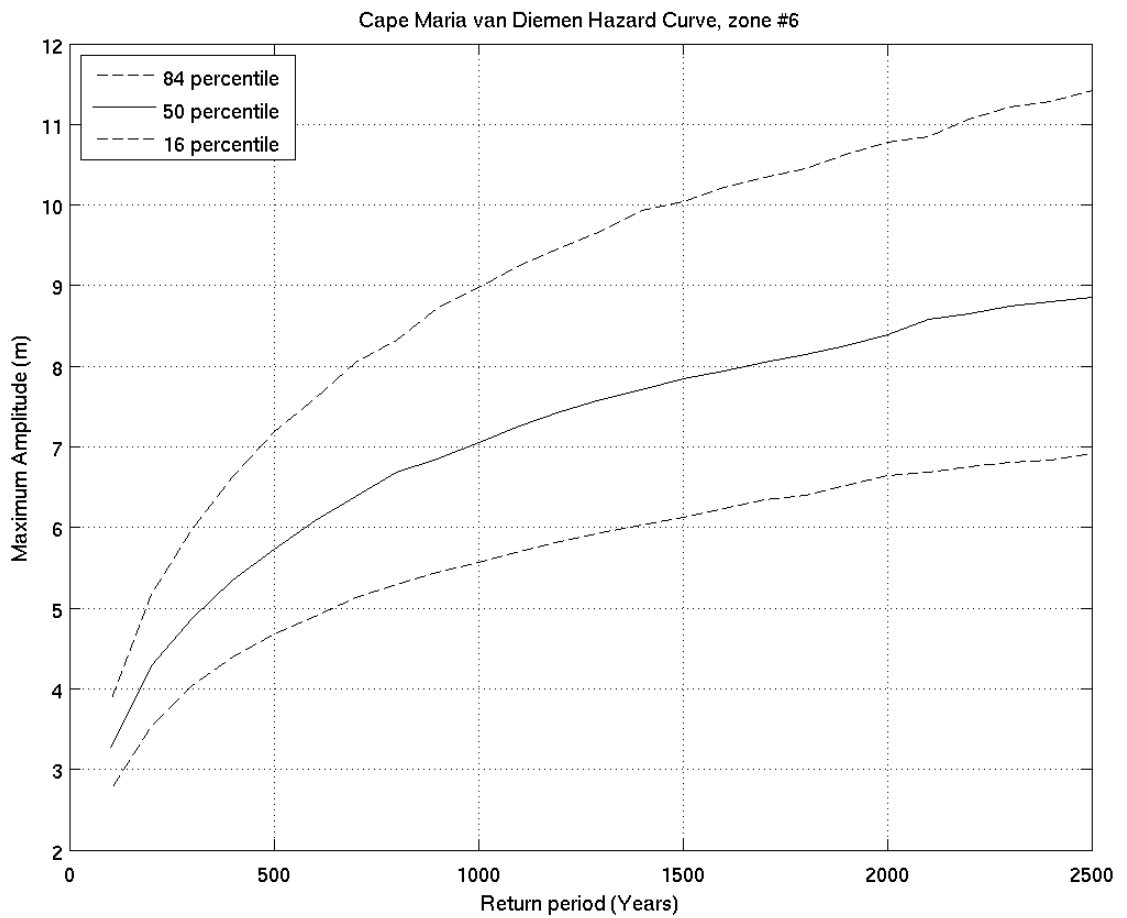
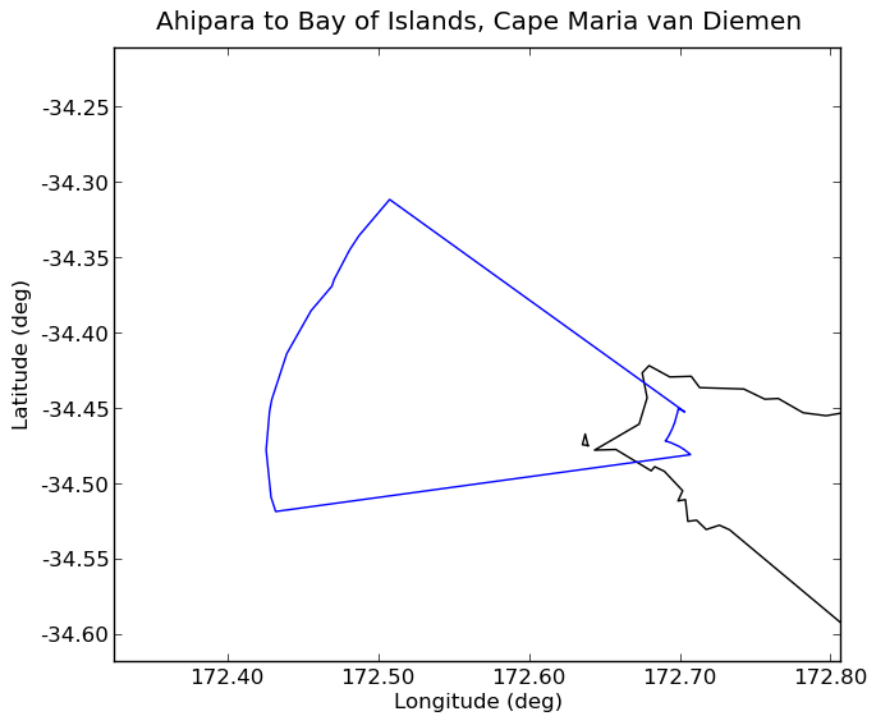
Deaggregation of Zone:5, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1813 m



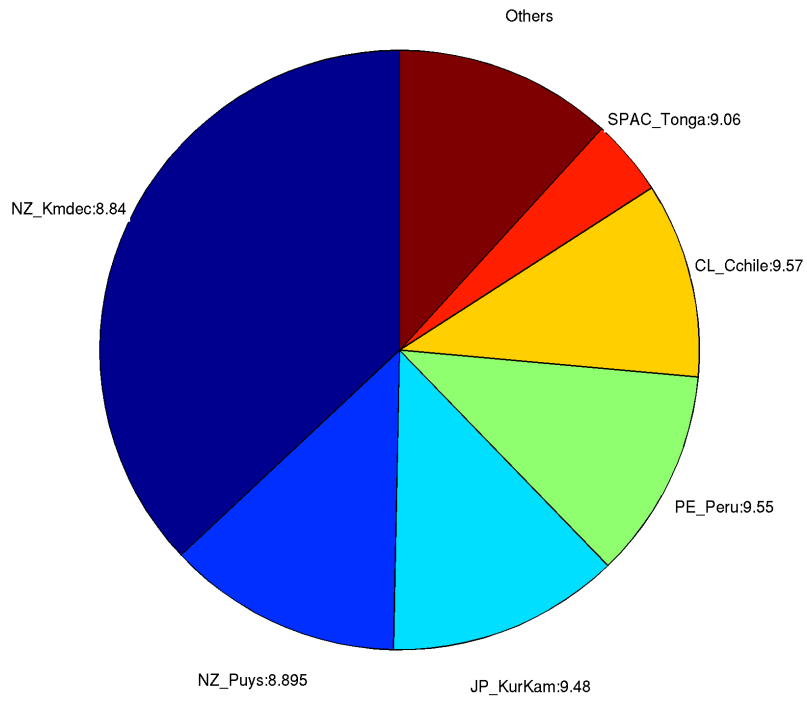
Deaggregation of Zone:5, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.3342 m



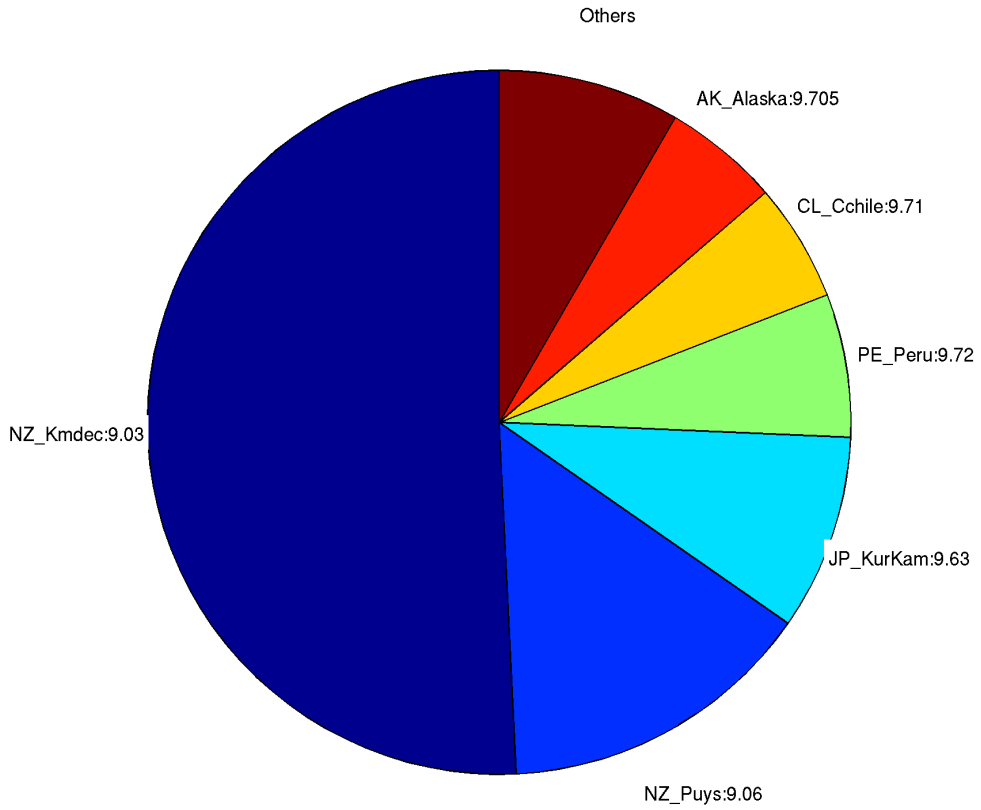
## 6. Cape Maria van Diemen



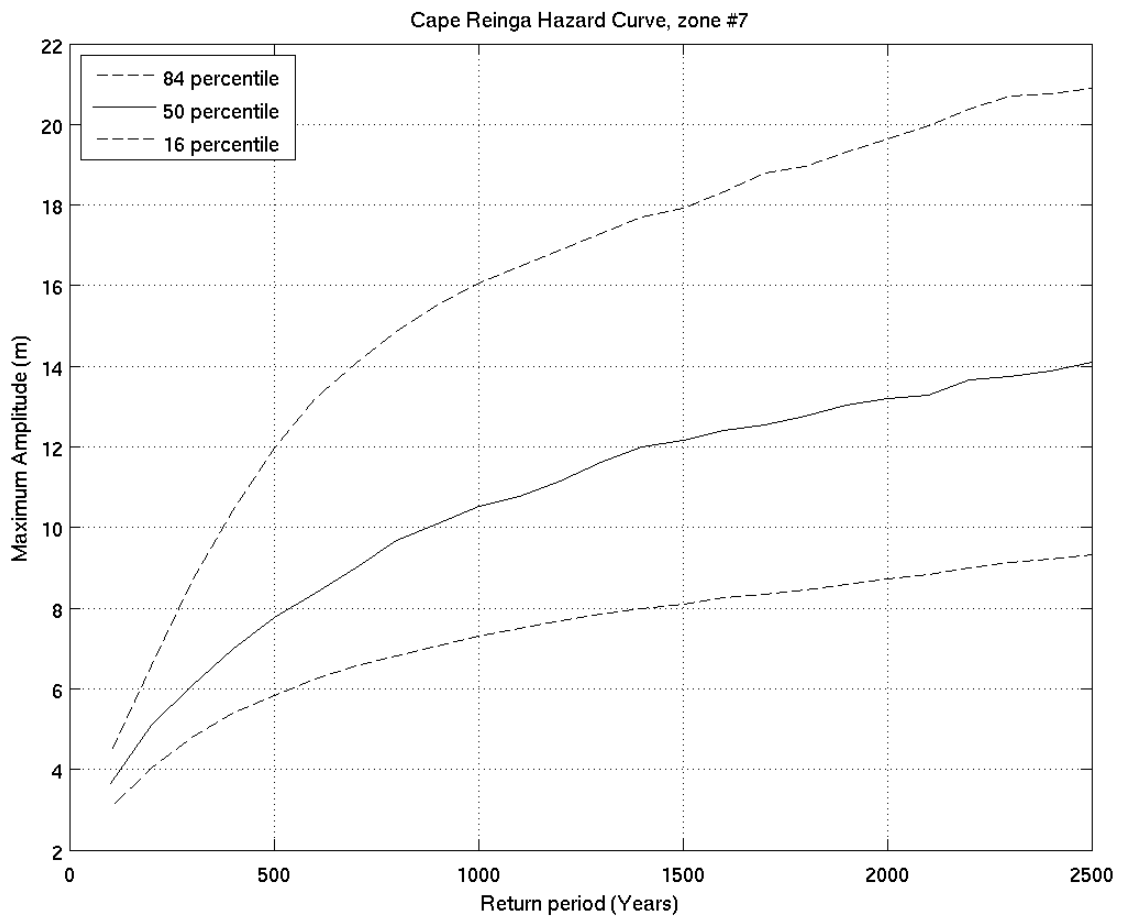
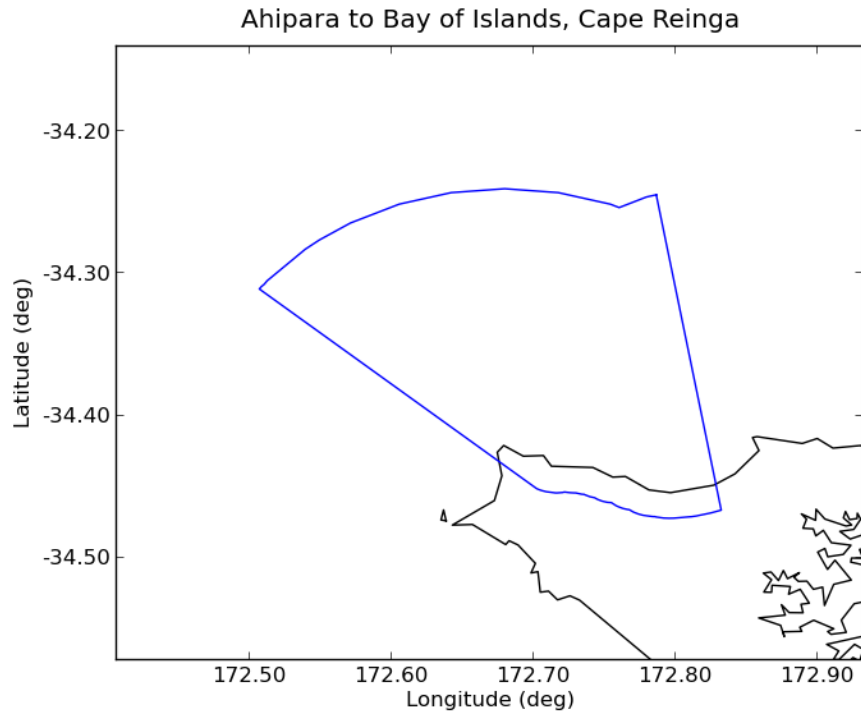
Deaggregation of Zone:6, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7188 m



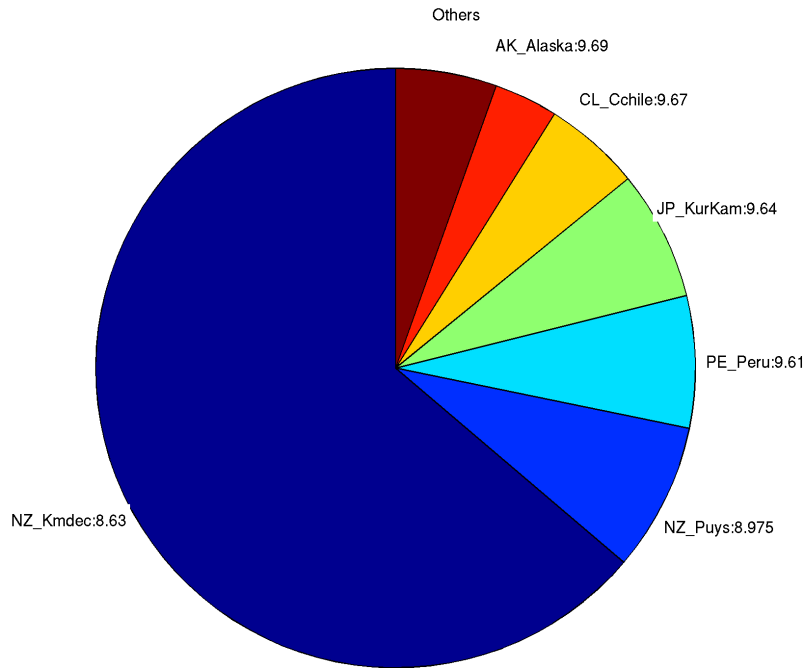
Deaggregation of Zone:6, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.8542 m



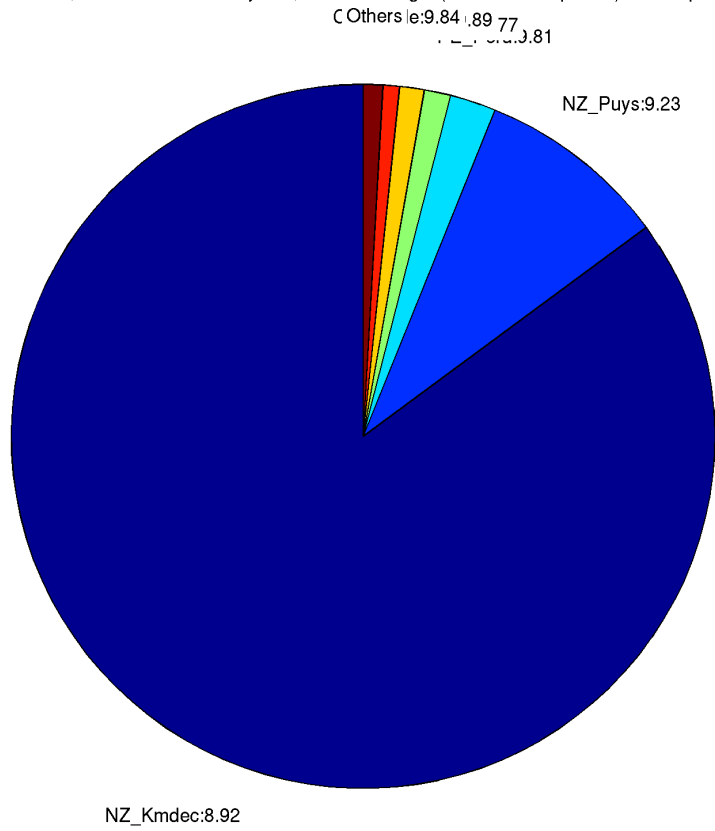
## 7. Cape Reinga



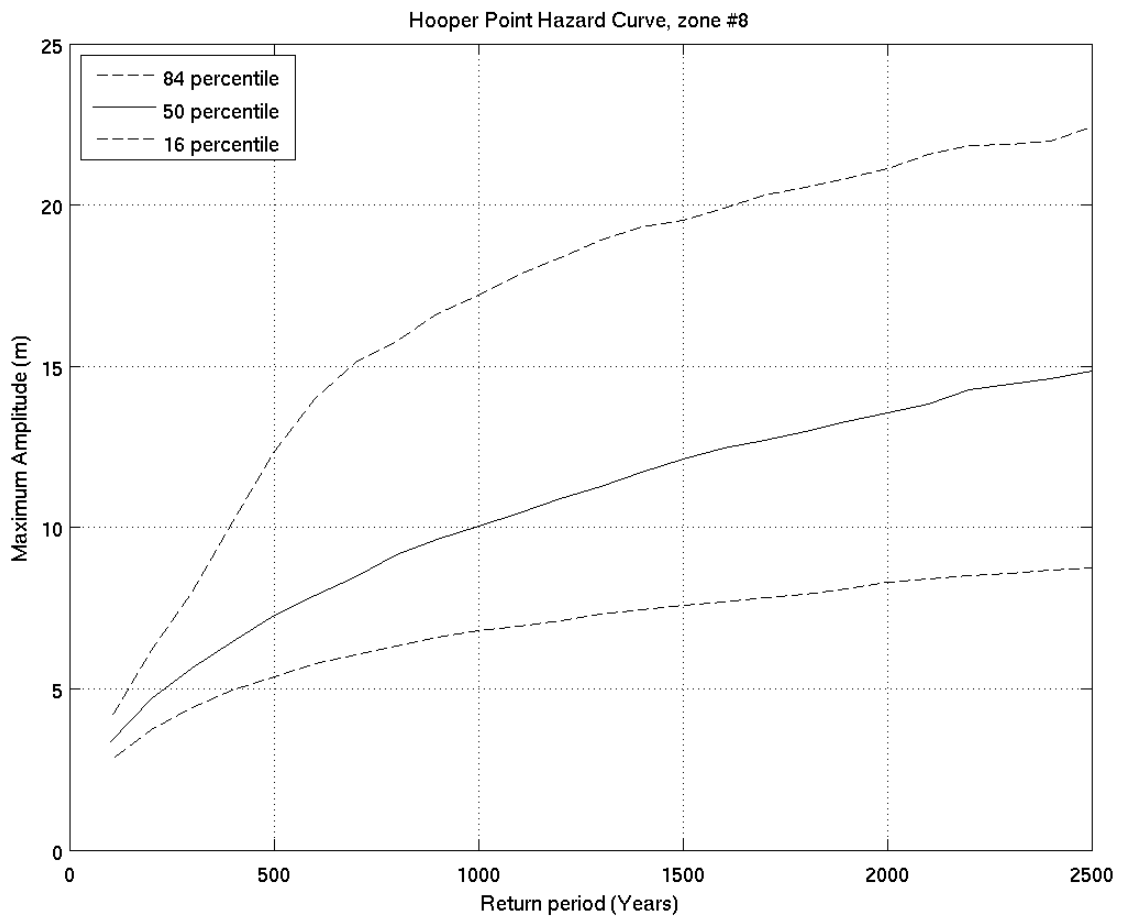
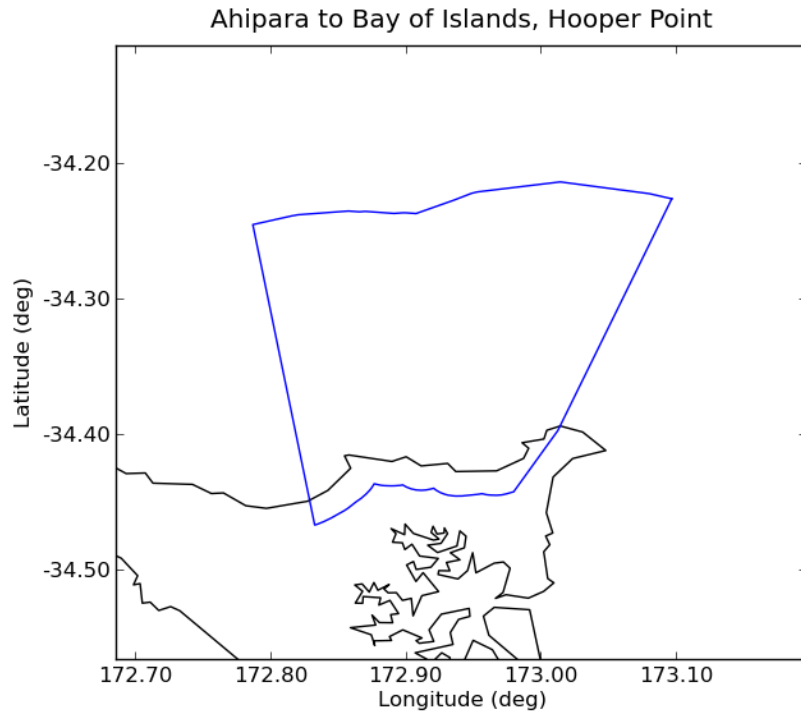
Deaggregation of Zone:7, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7661 m



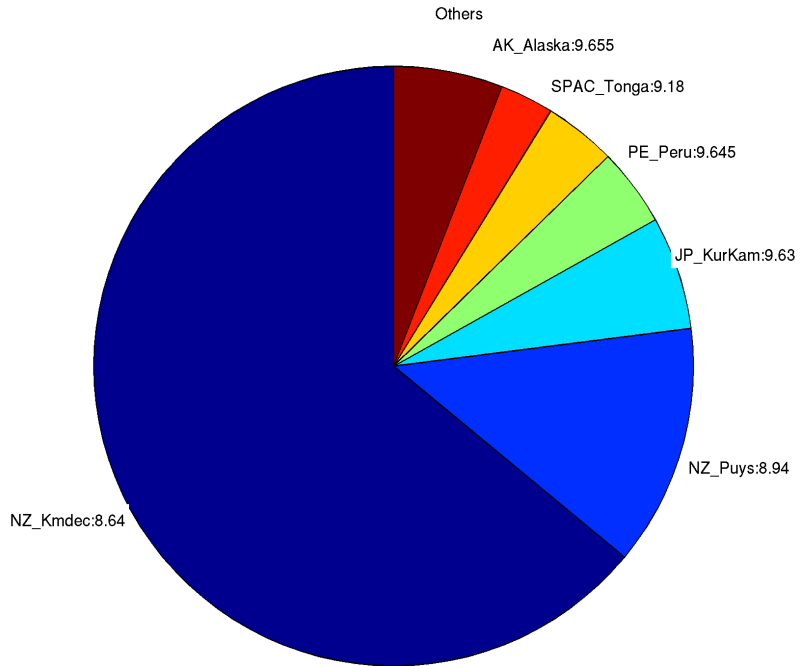
Deaggregation of Zone:7, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:14.1052 m



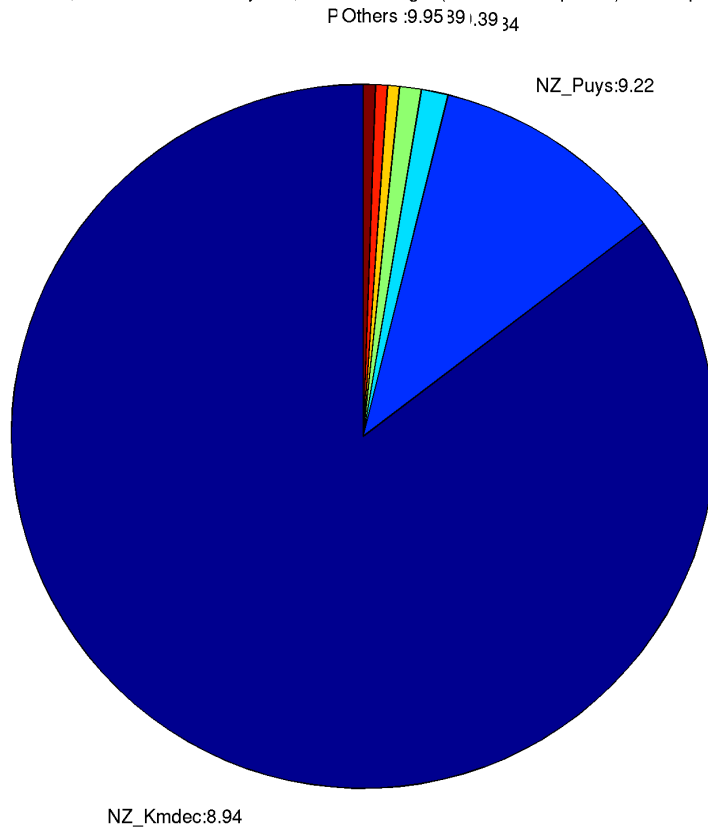
## 8. Hooper Point



Deaggregation of Zone:8, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.267 m

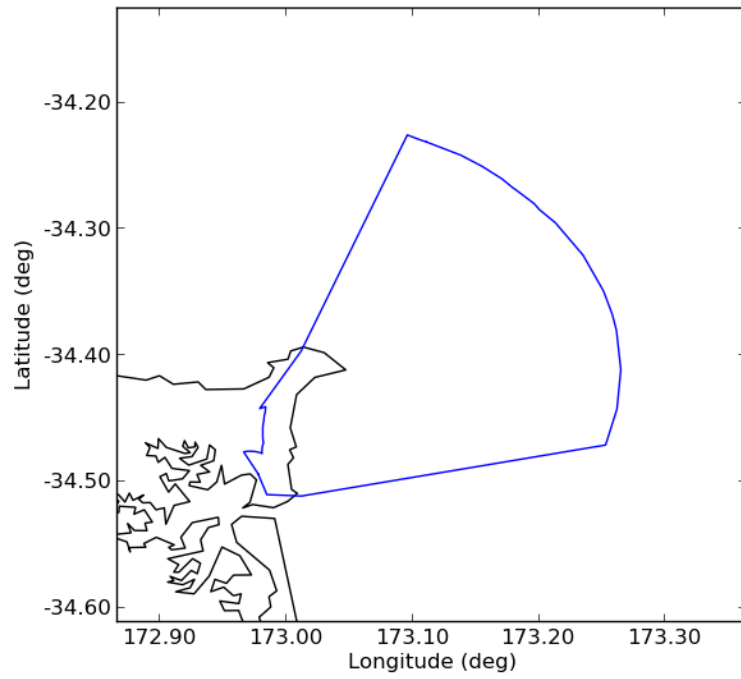


Deaggregation of Zone:8, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:14.6937 m

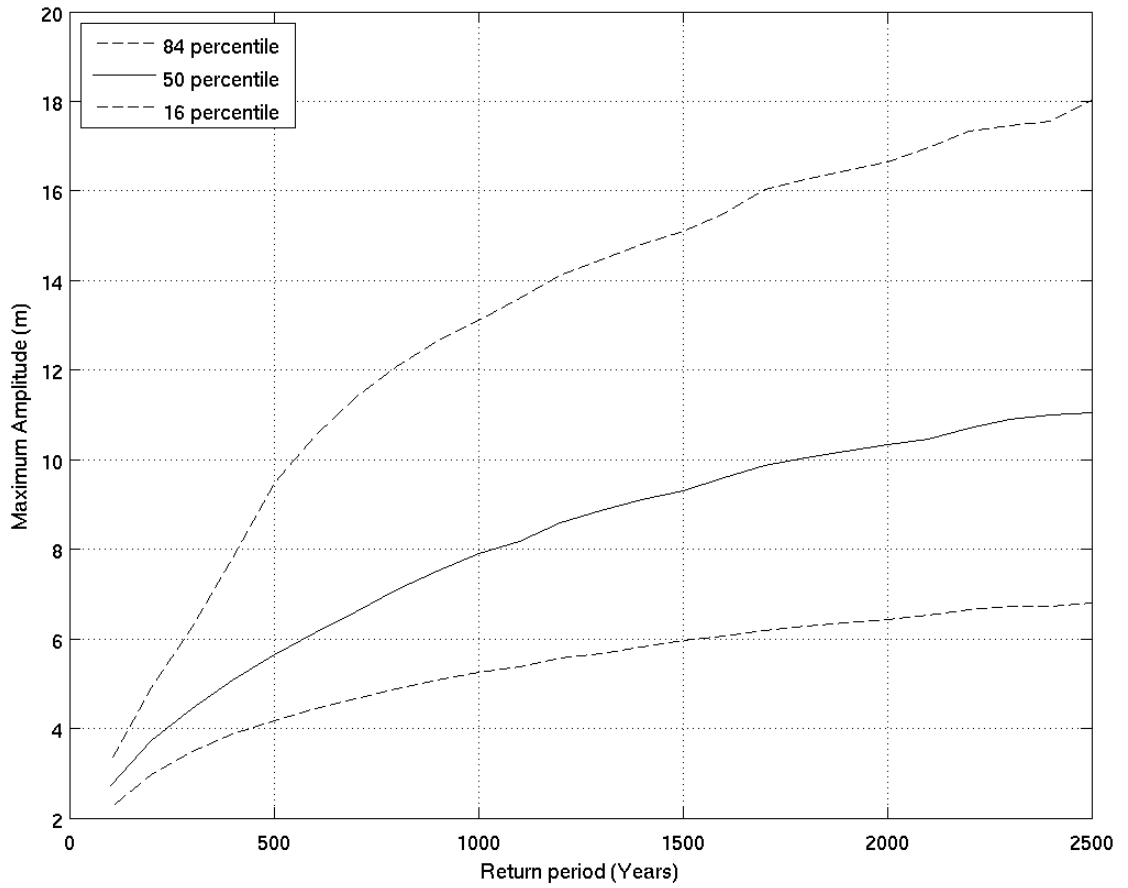


## 9. North Cape

Ahipara to Bay of Islands, North Cape

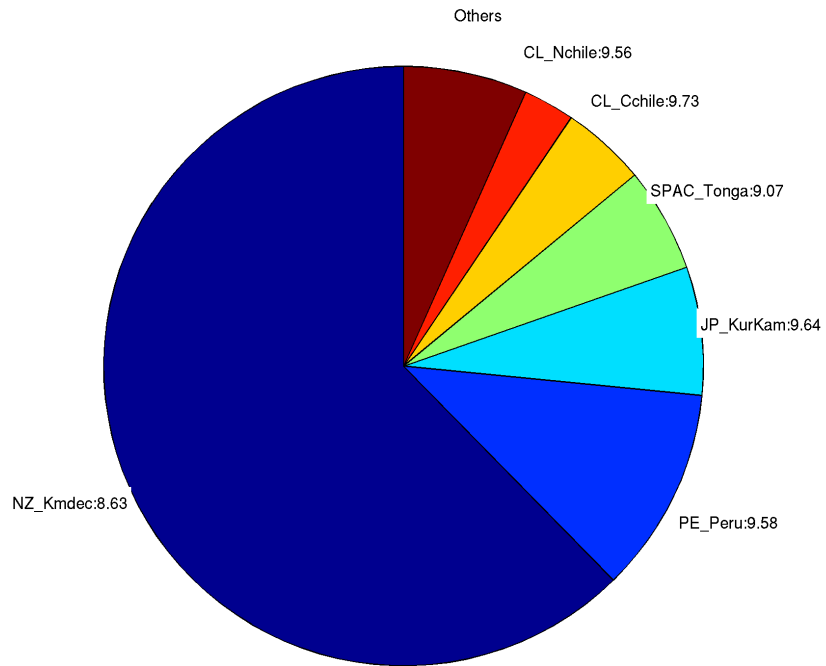


North Cape Hazard Curve, zone #9

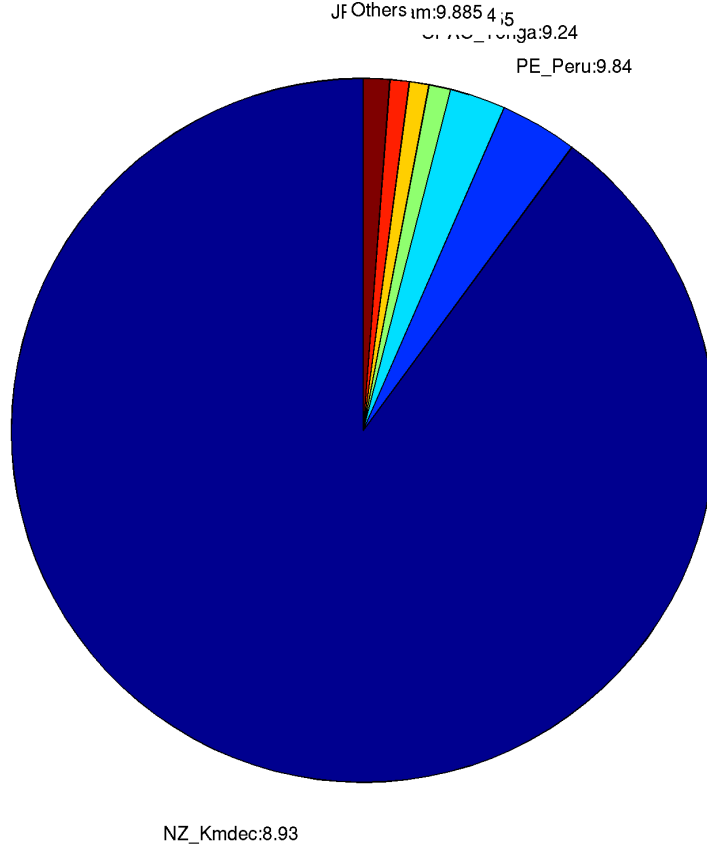




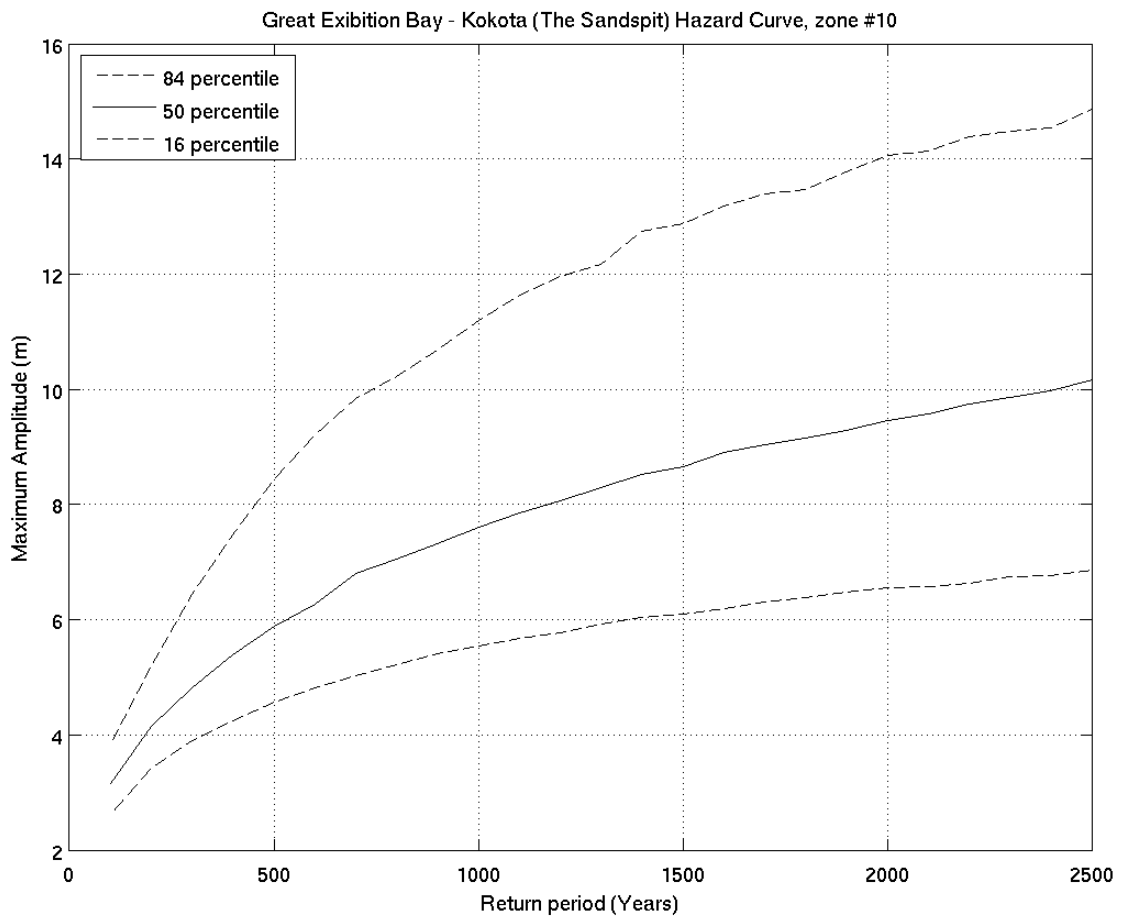
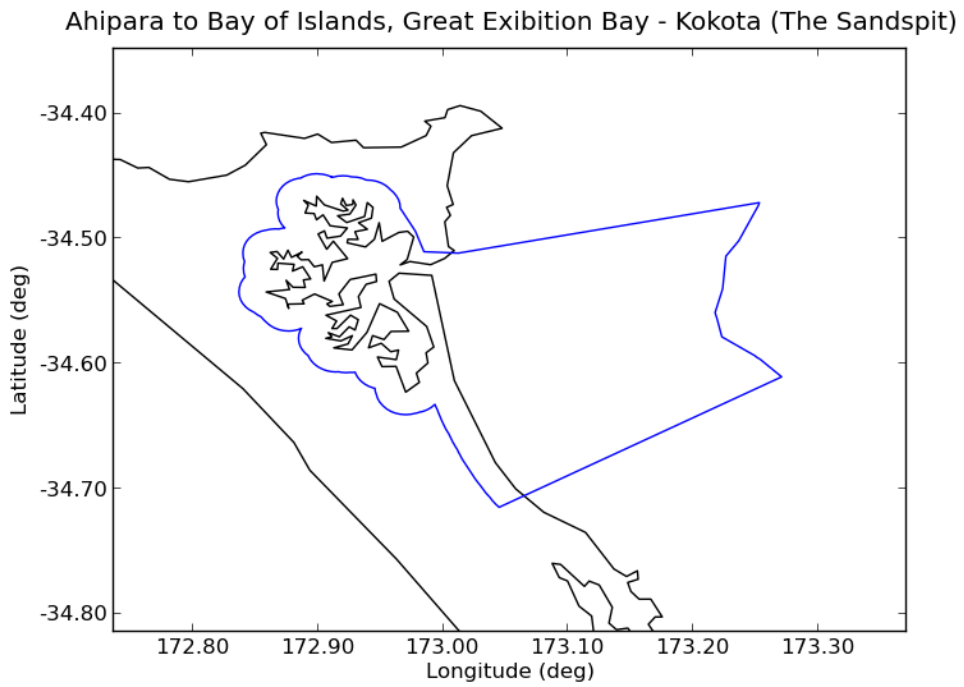
Deaggregation of Zone:9, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.6455 m



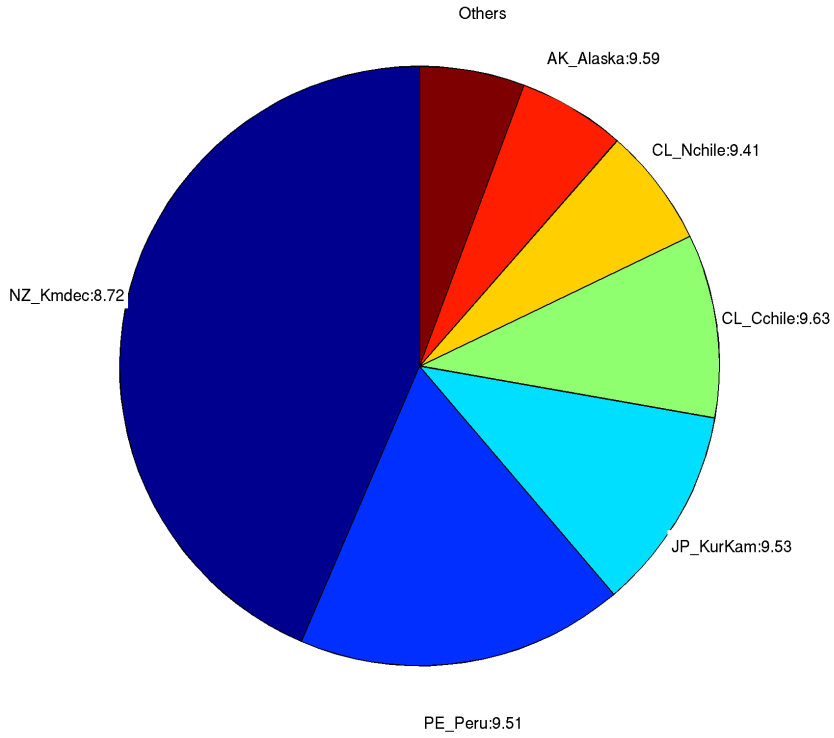
Deaggregation of Zone:9, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.0399 m



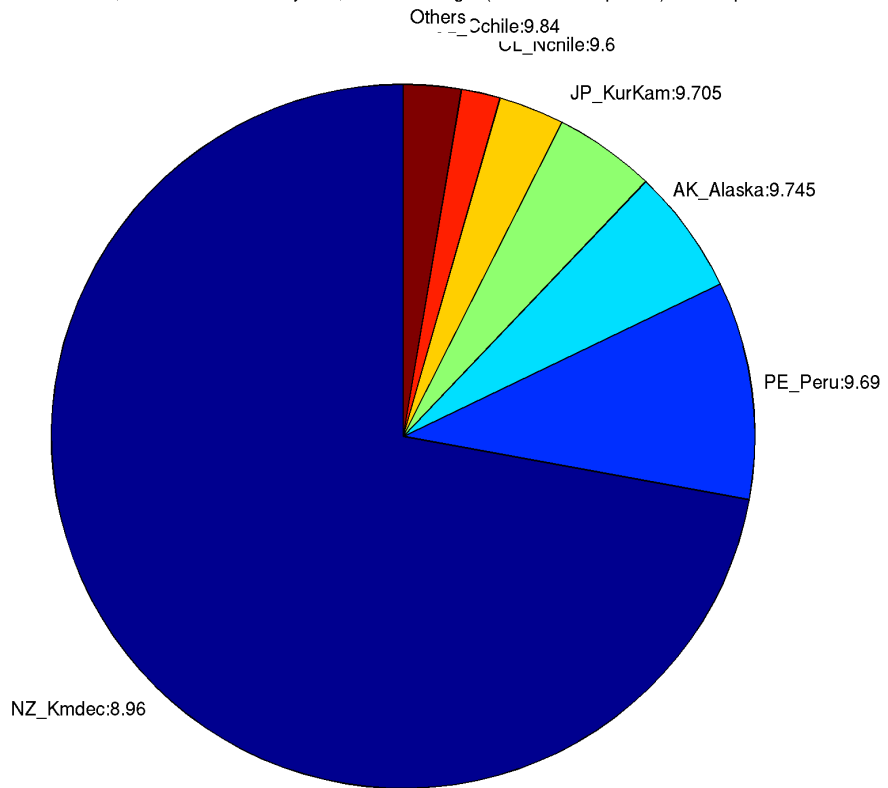
## 10. Great Exhibition Bay - Kokota (The Sandspit)



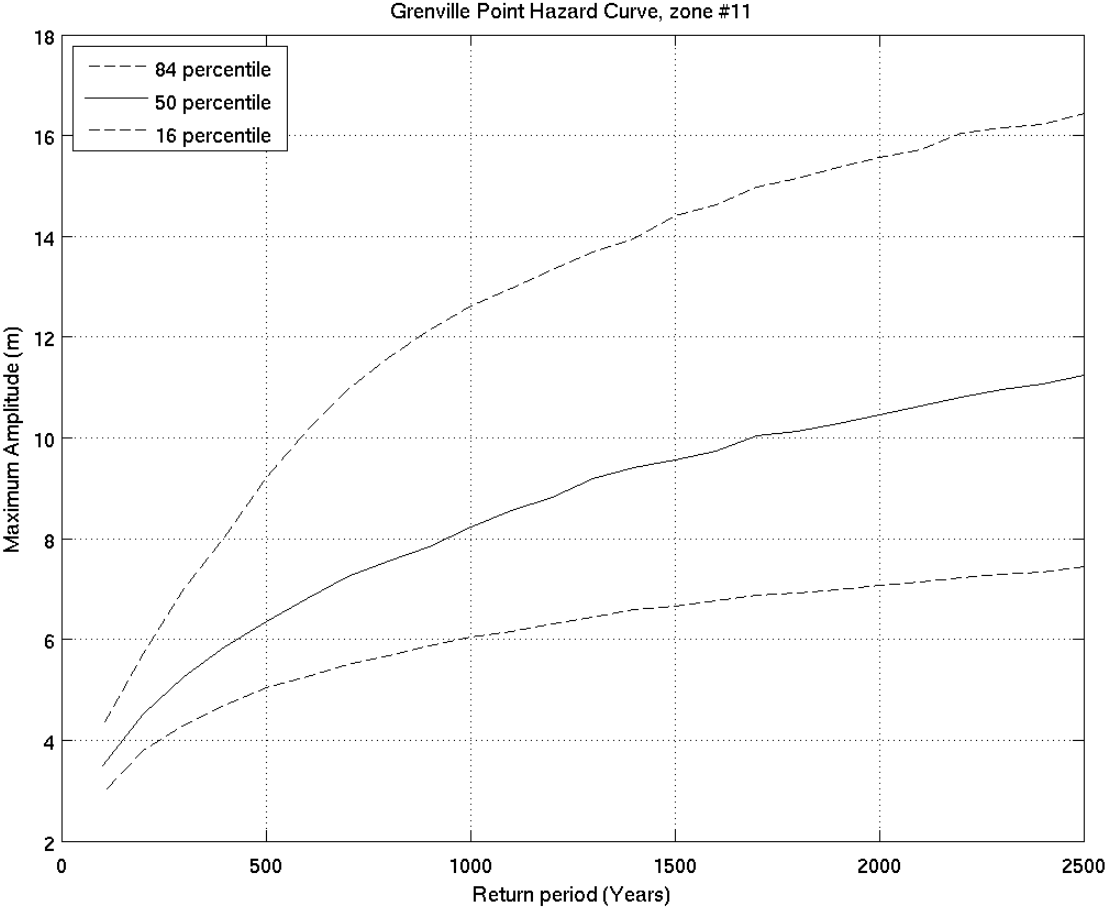
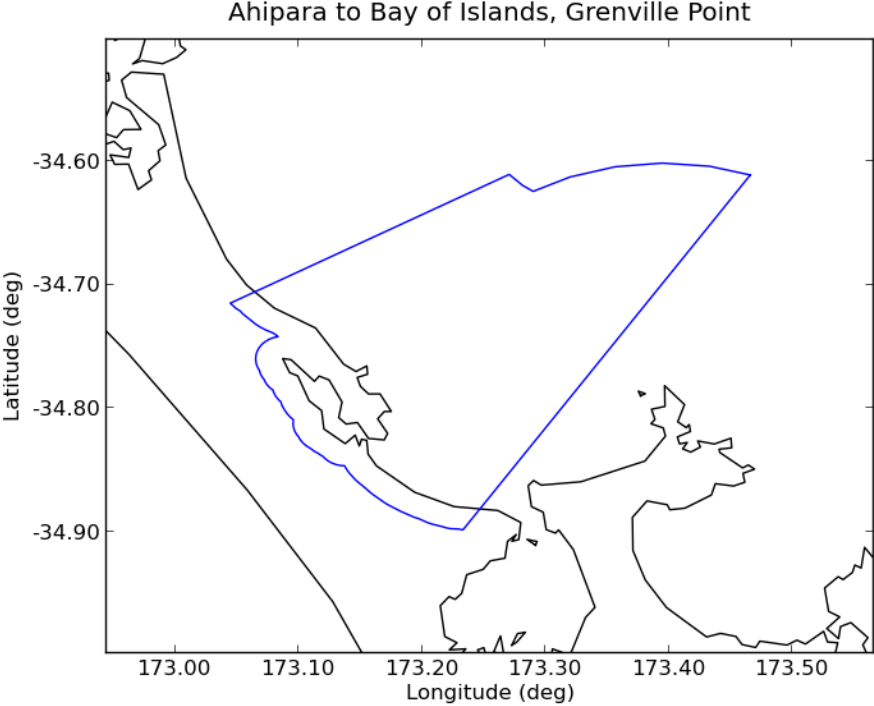
Deaggregation of Zone:10, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8735 m



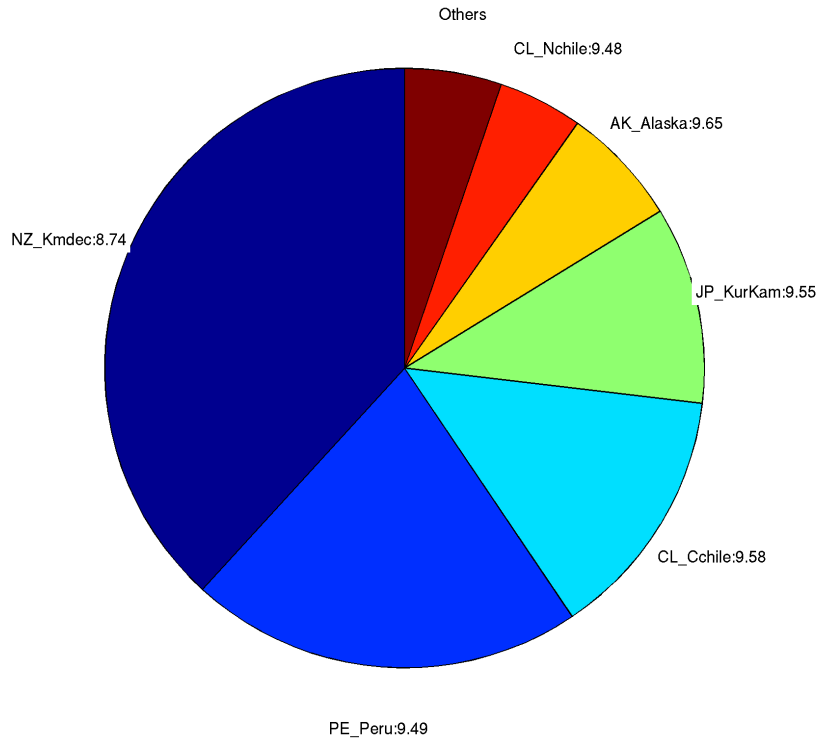
Deaggregation of Zone:10, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.1433 m



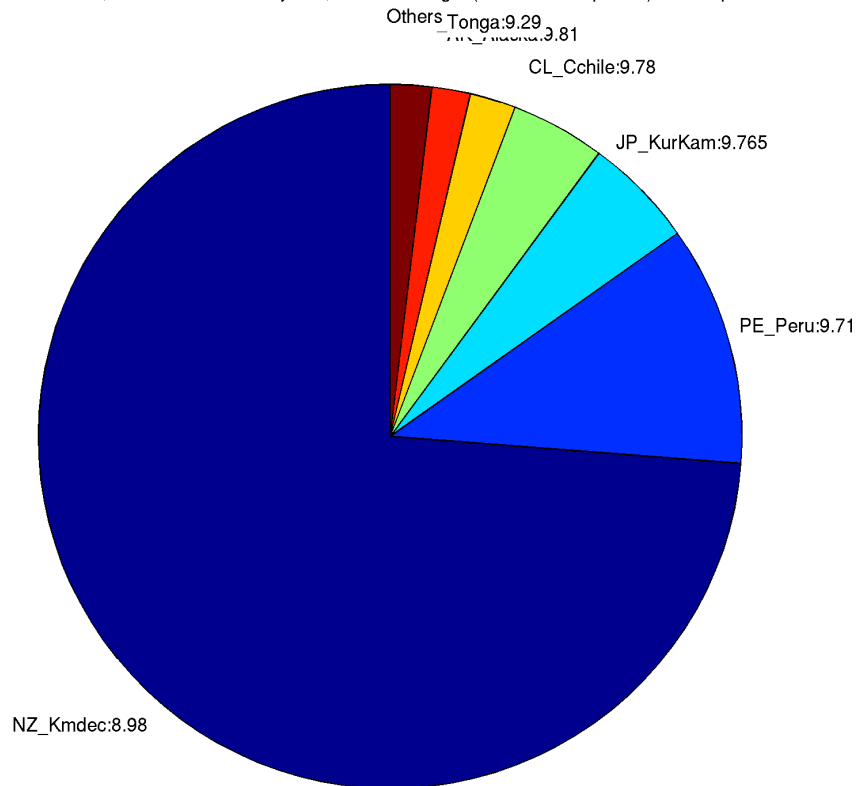
11. Grenville Point



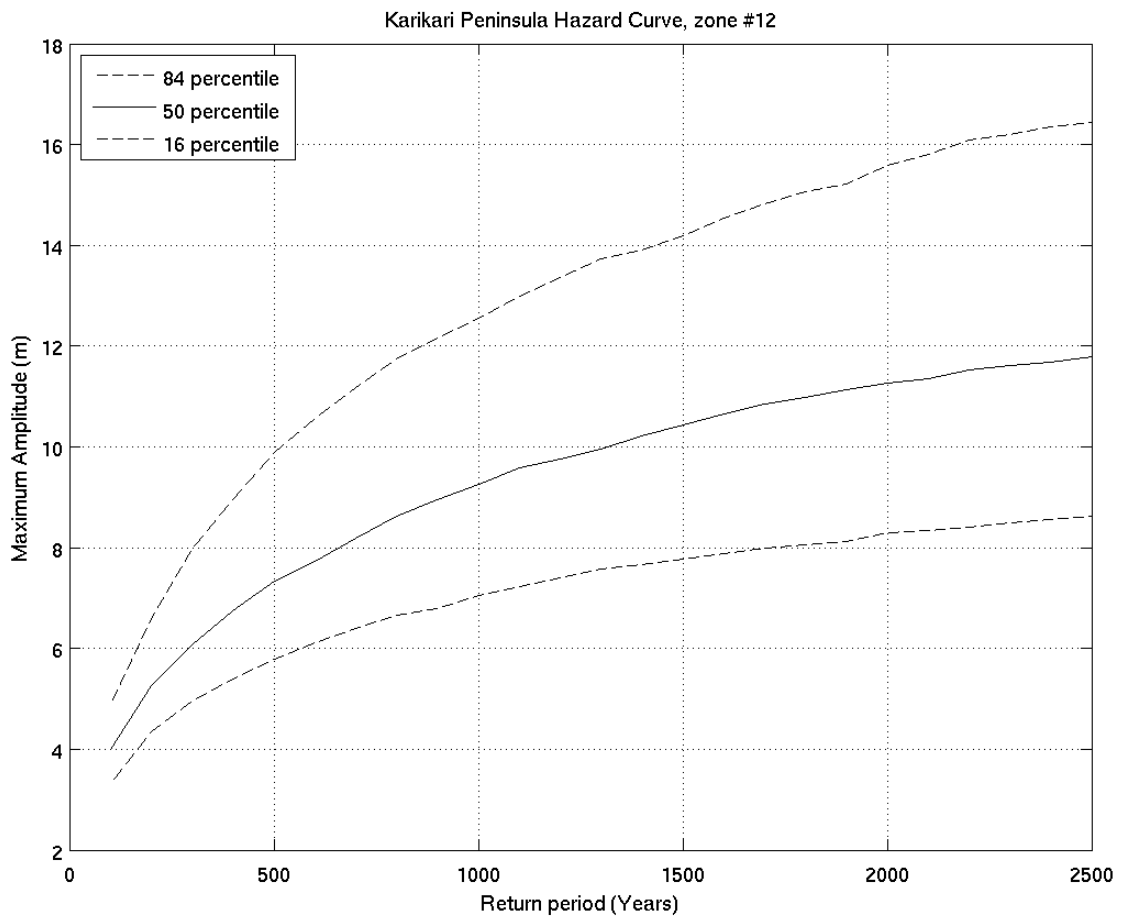
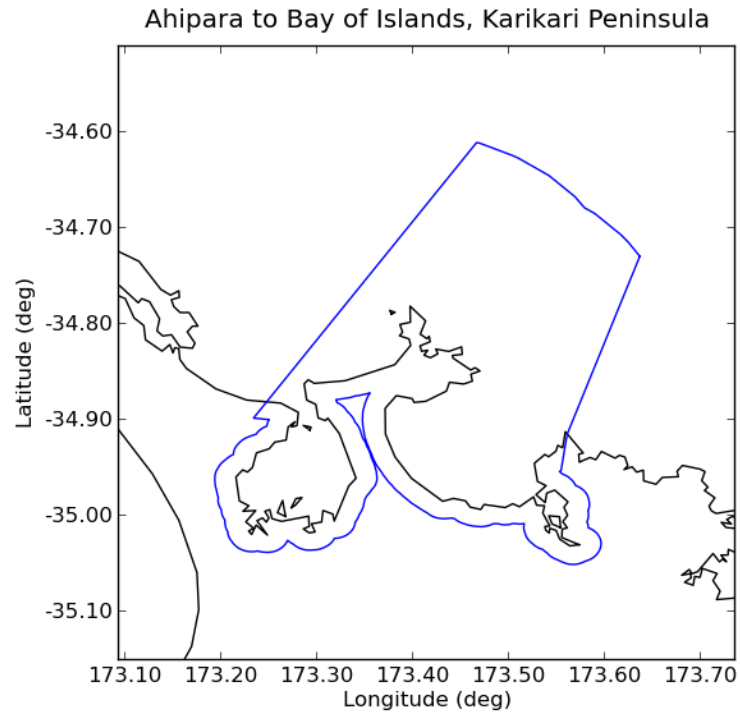
Deaggregation of Zone:11, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.3614 m



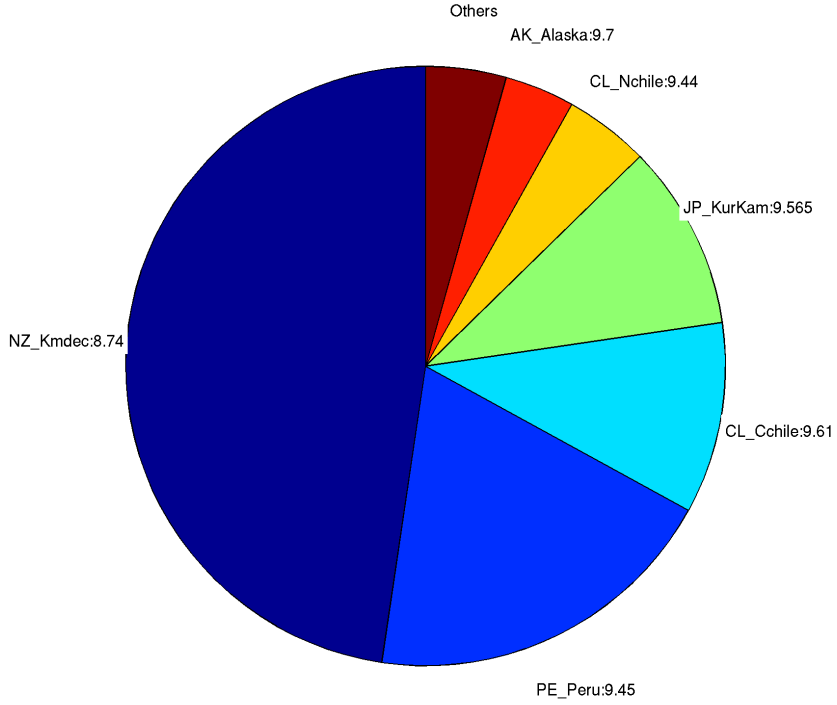
Deaggregation of Zone:11, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.1635 m



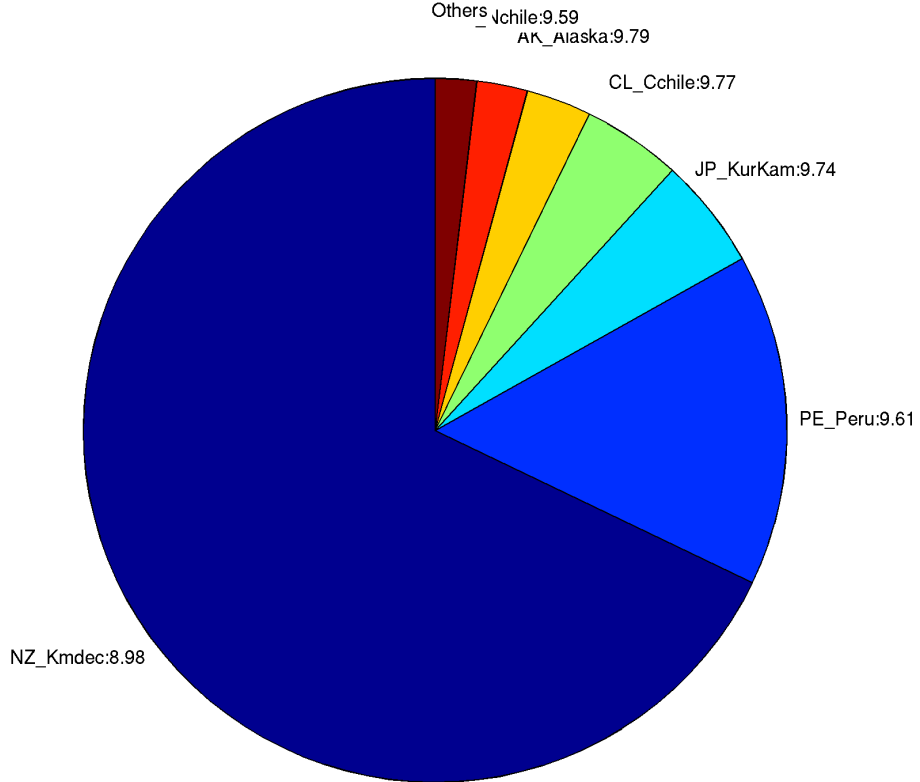
## 12. Karikari Peninsula



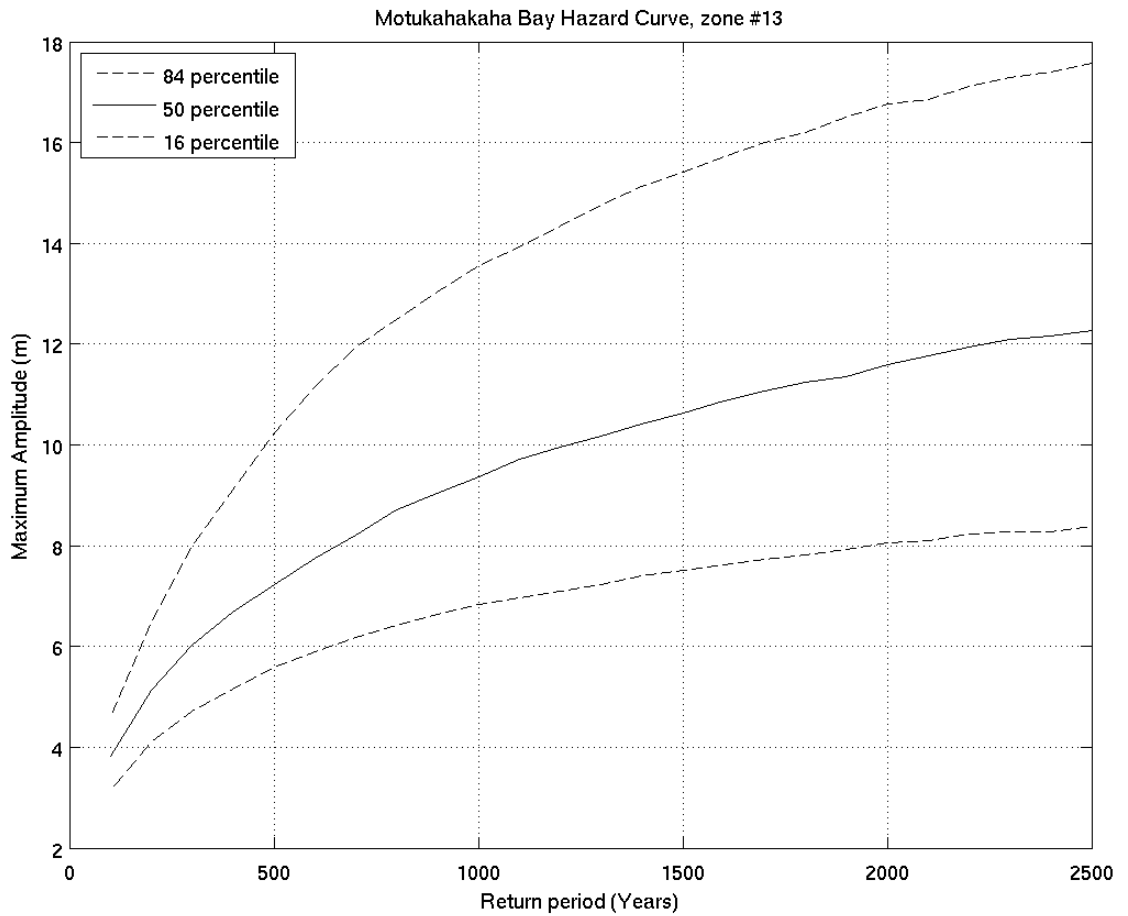
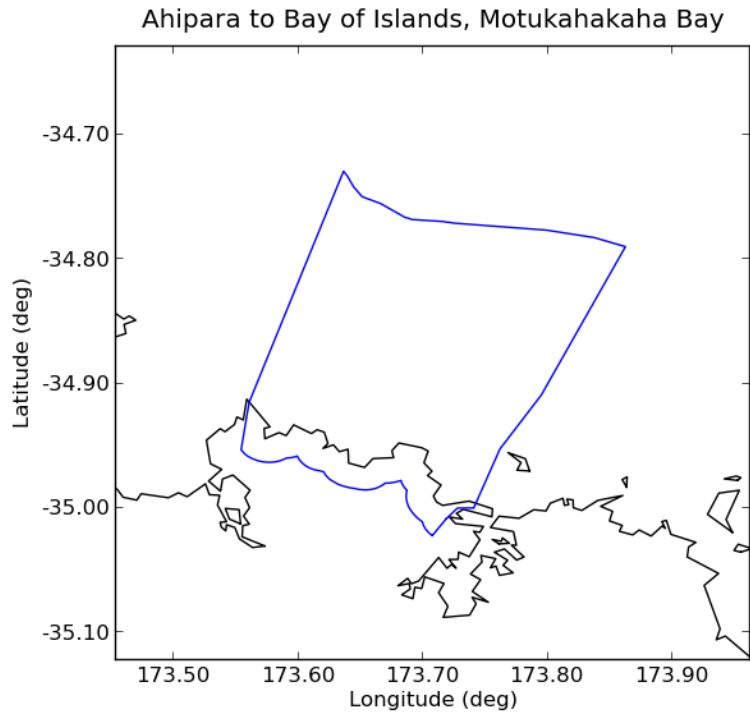
Deaggregation of Zone:12, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.328 m



Deaggregation of Zone:12, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.7883 m

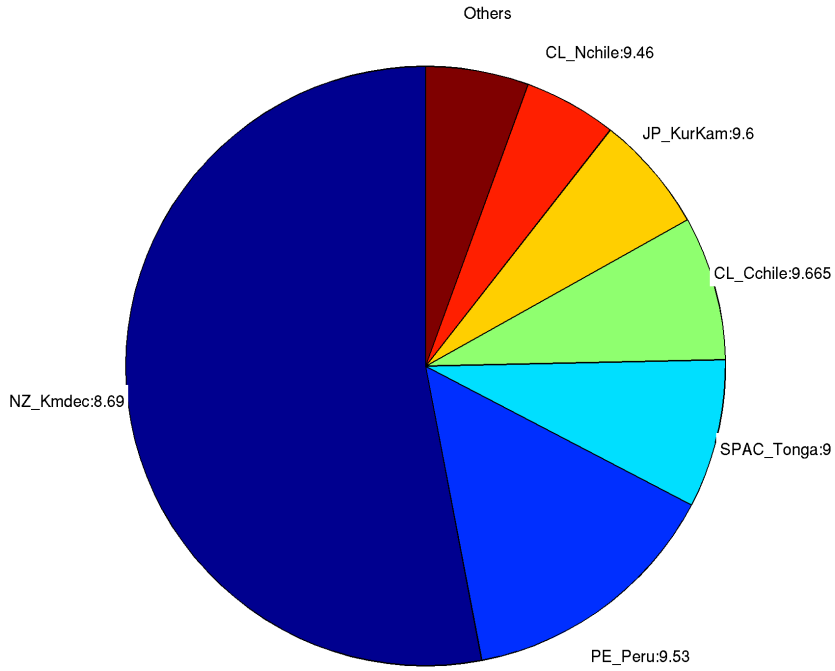


### 13. Motukahakaha Bay

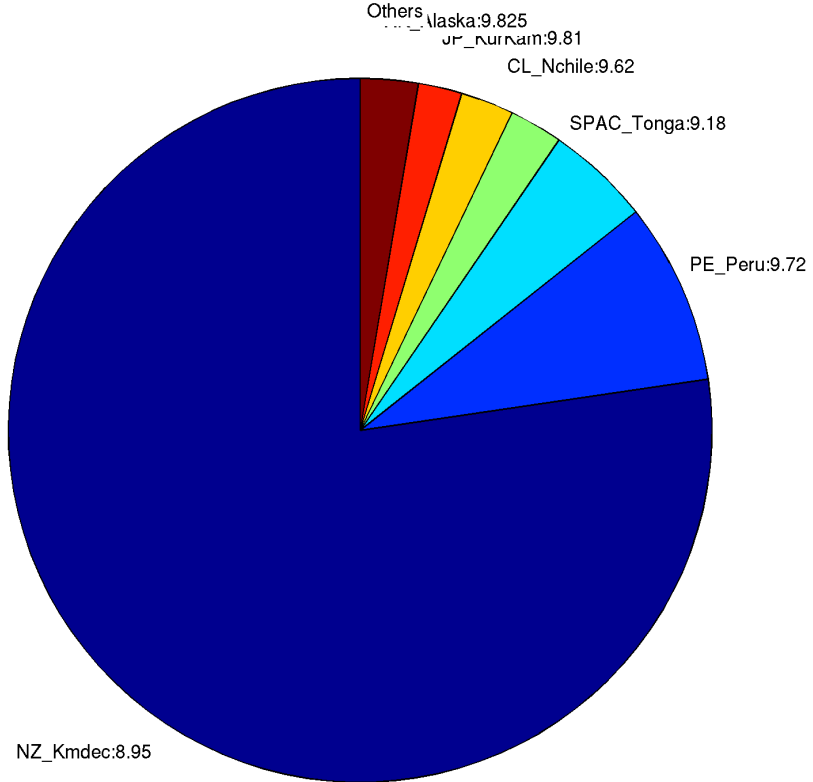




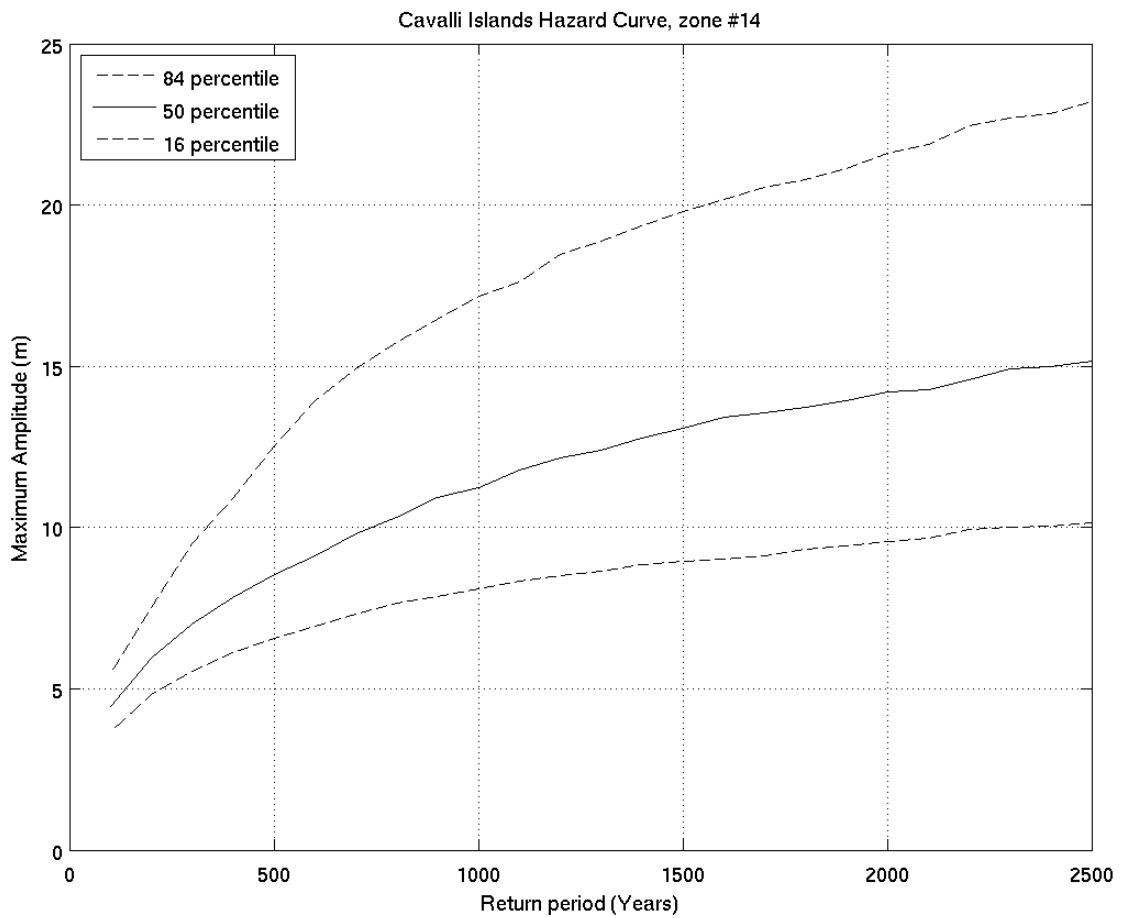
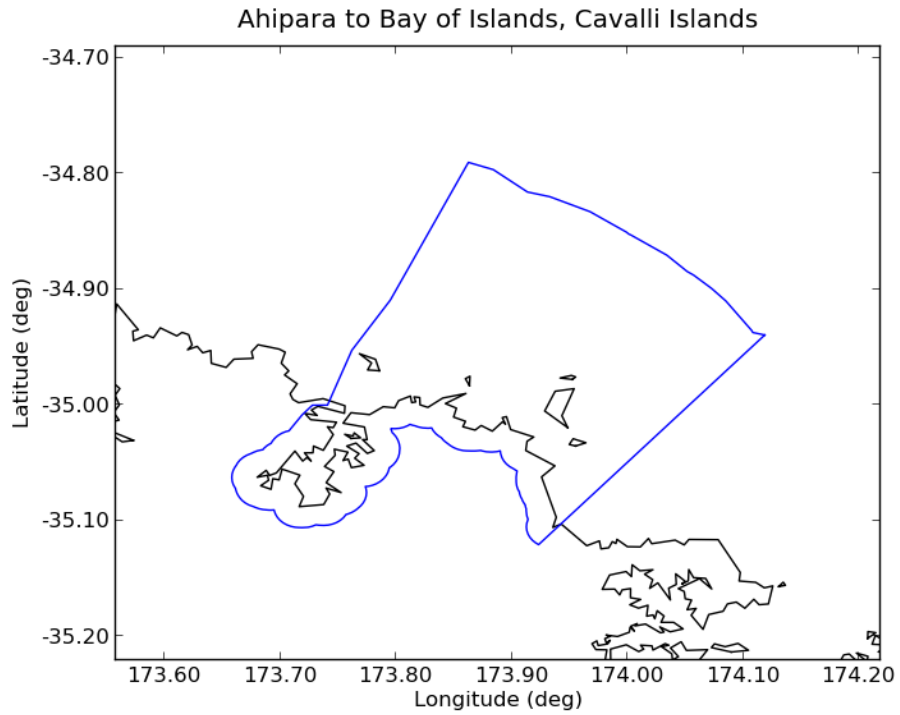
Deaggregation of Zone:13, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2218 m



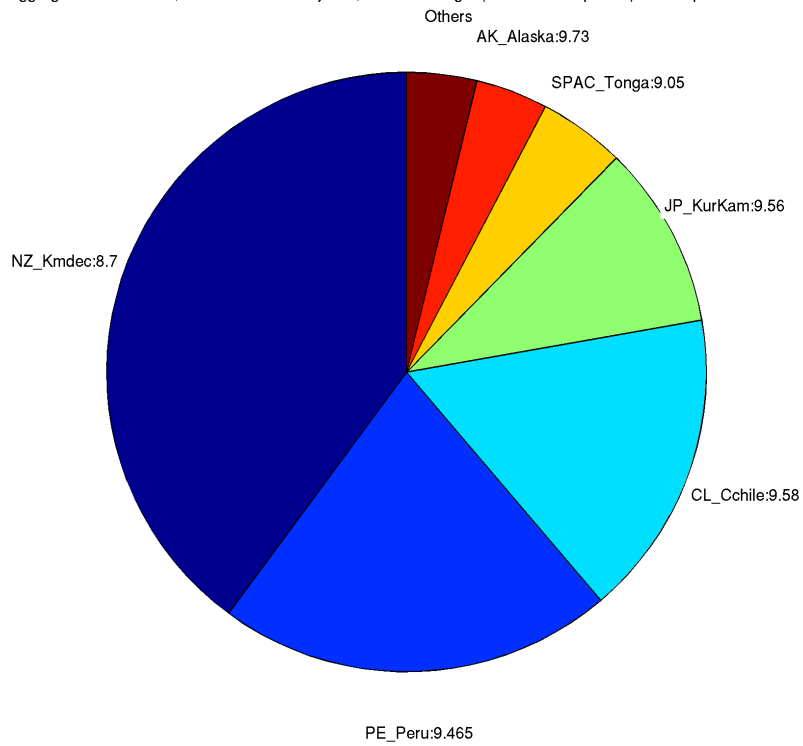
Deaggregation of Zone:13, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.2397 m



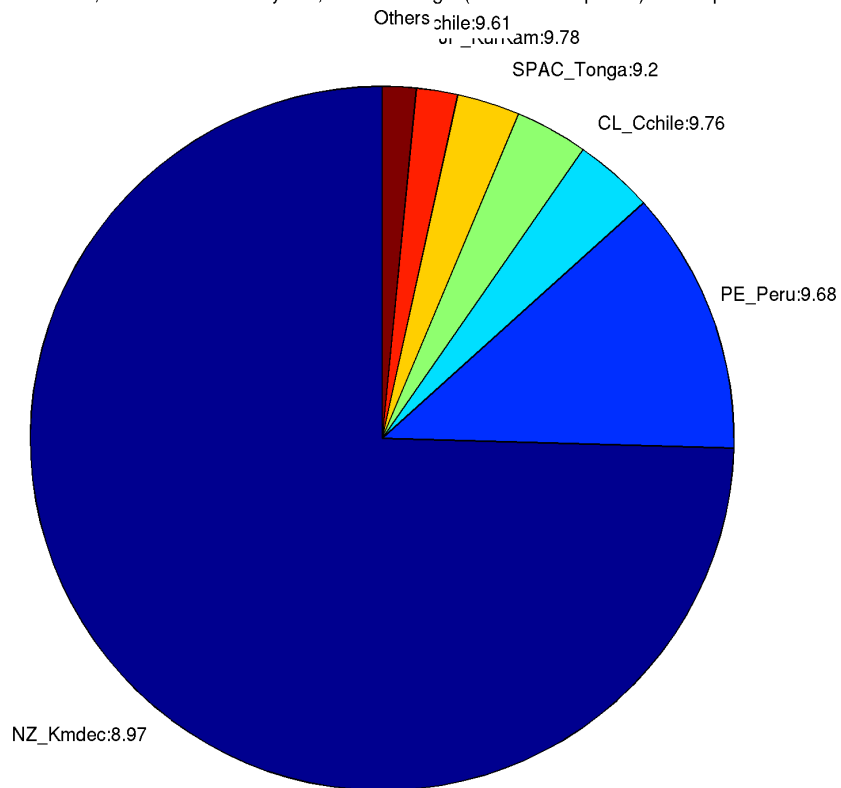
## 14. Cavalli Islands



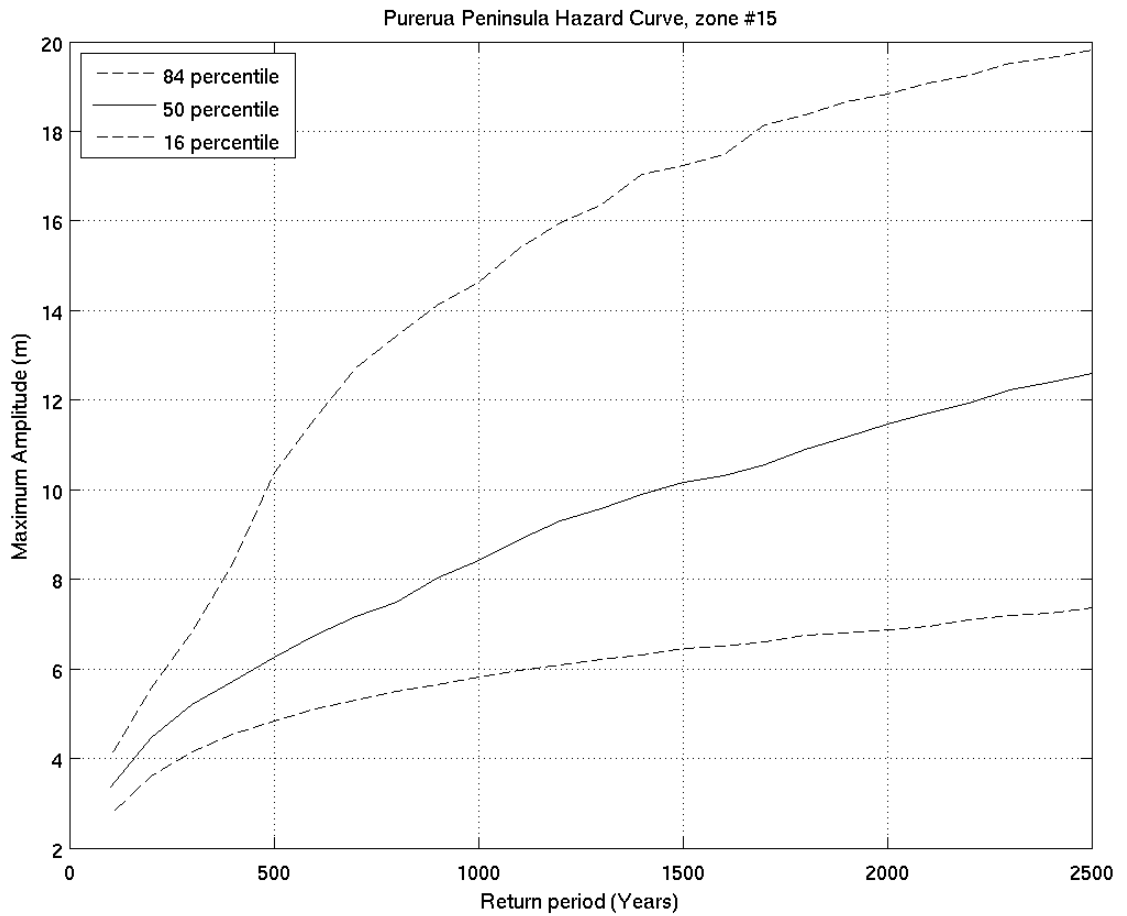
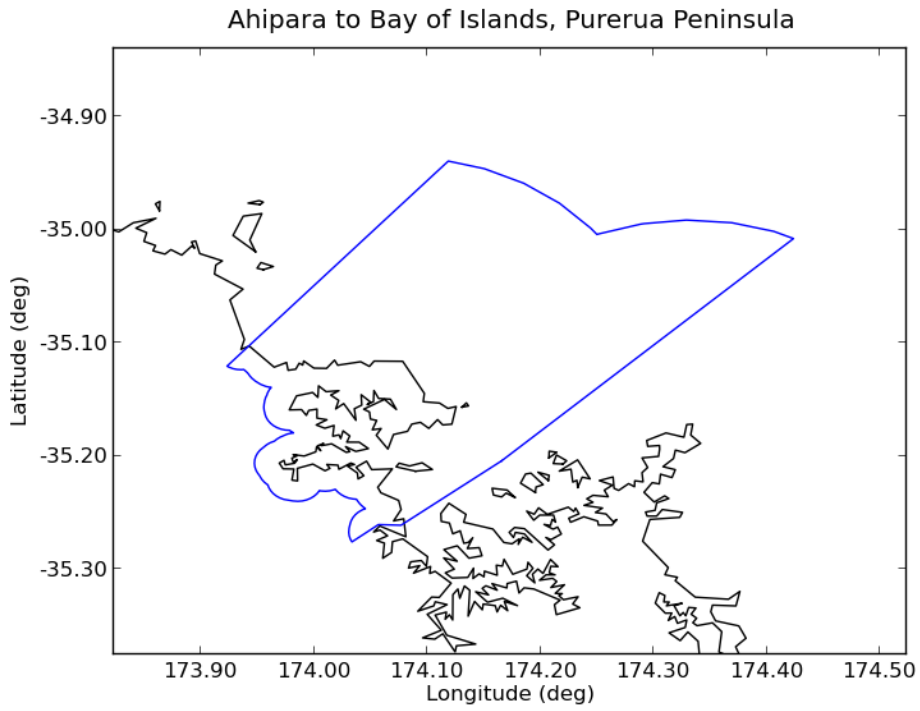
Deaggregation of Zone:14, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.518 m



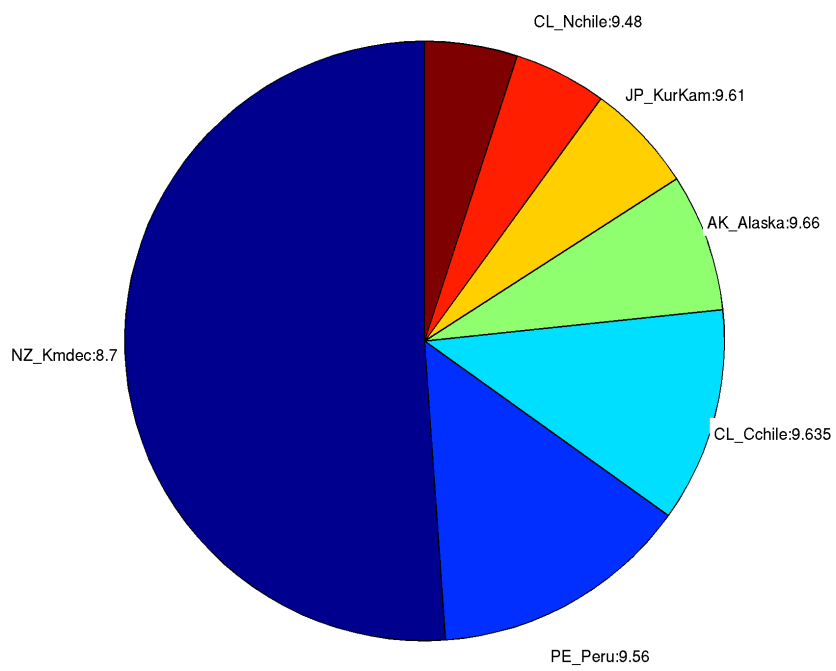
Deaggregation of Zone:14, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:15.1493 m



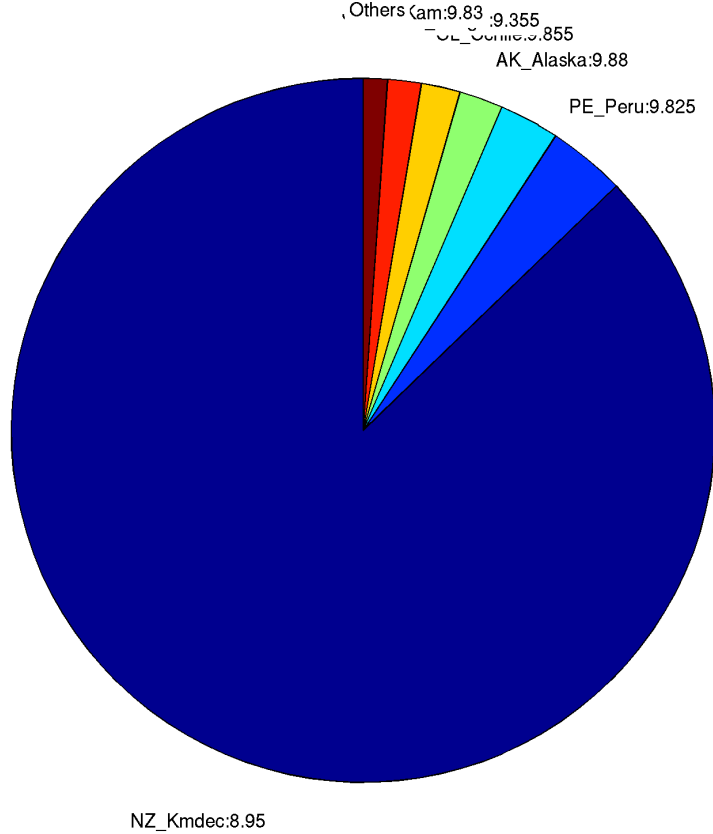
## 15. *Purerua Peninsula*



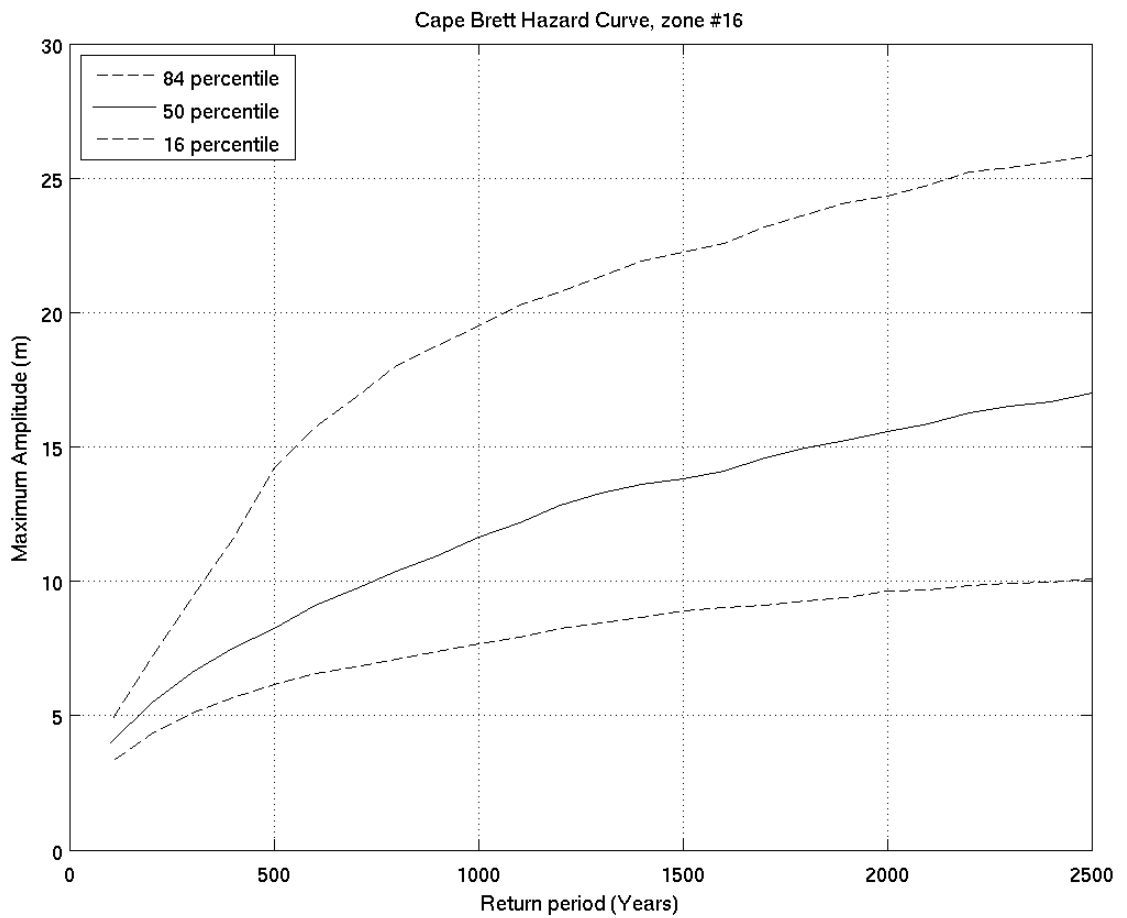
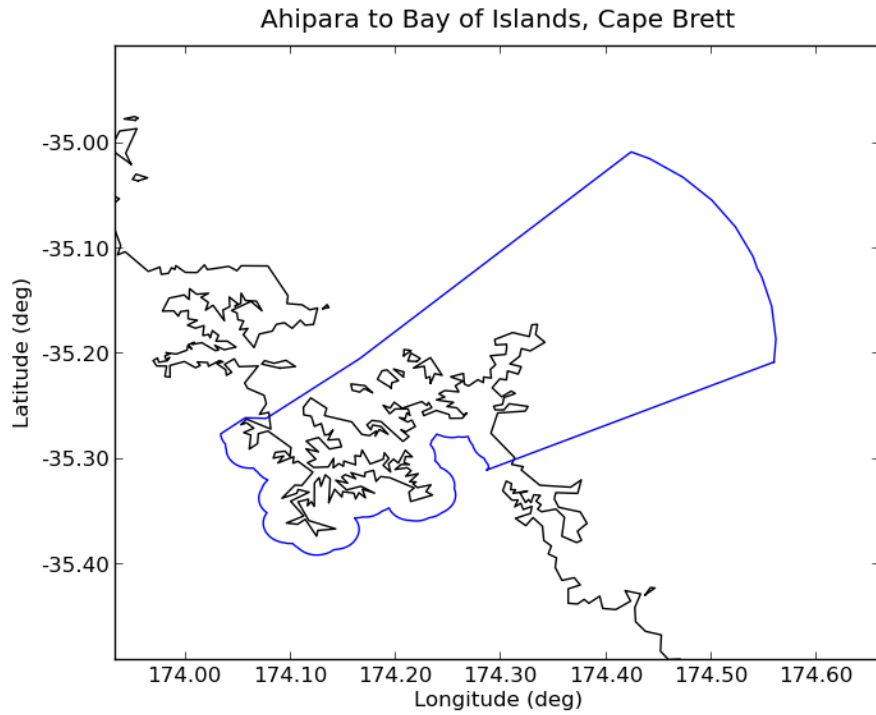
Deaggregation of Zone:15, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2272 m



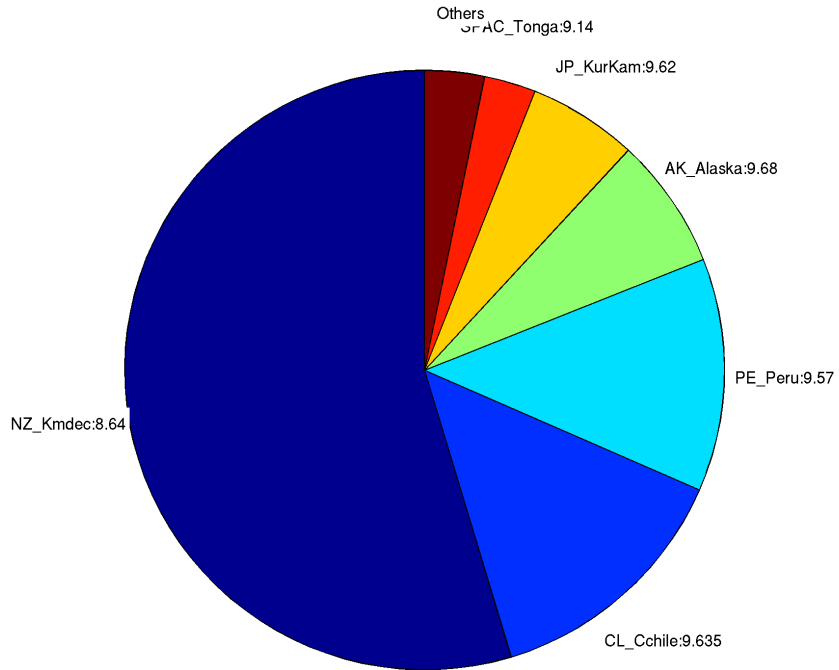
Deaggregation of Zone:15, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.5212 m



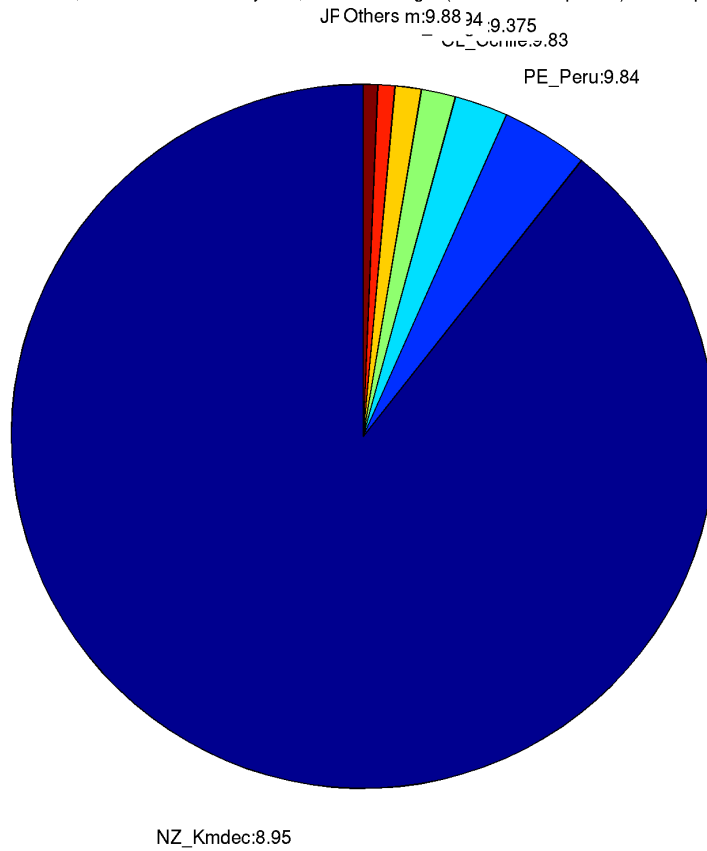
## 16. Cape Brett



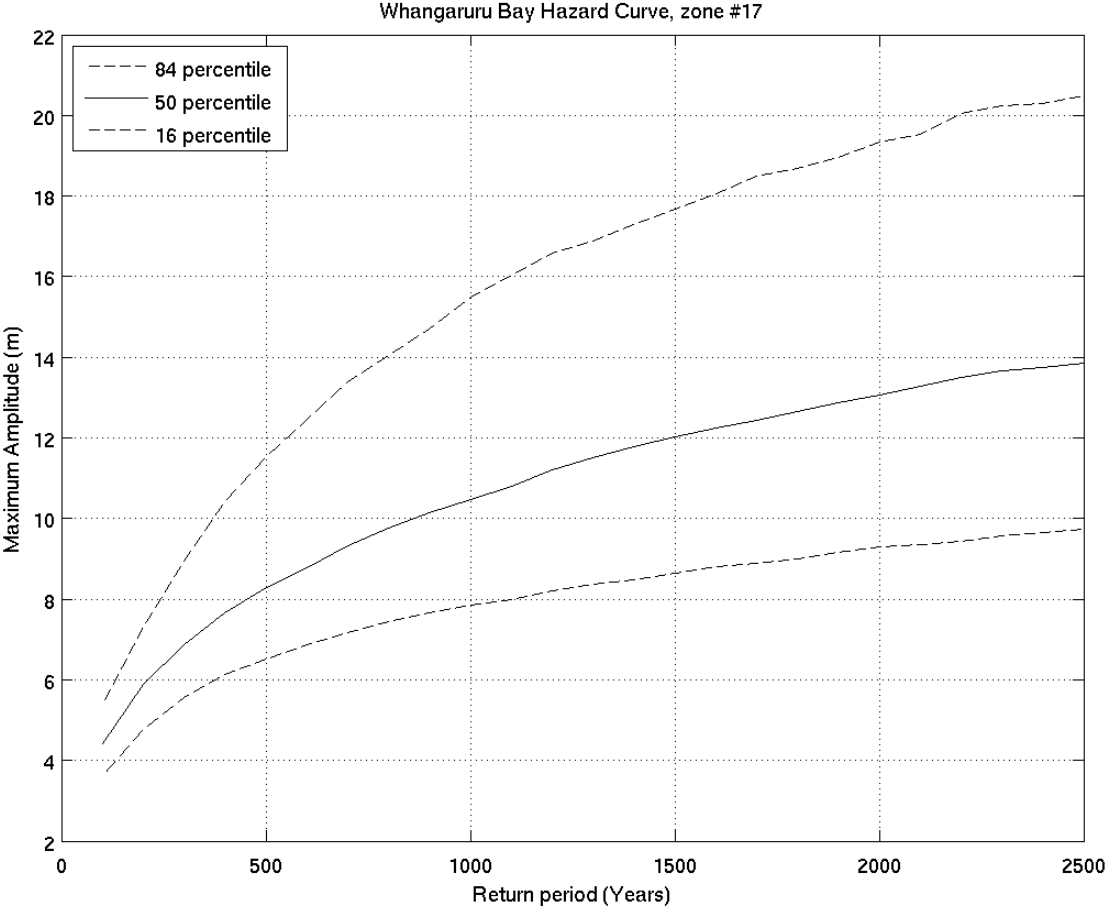
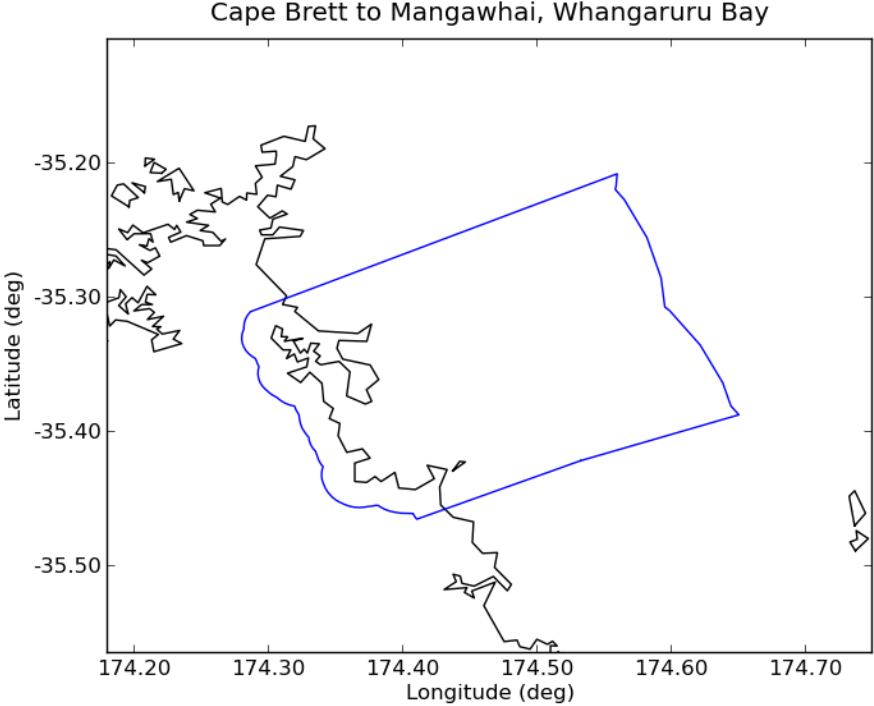
Deaggregation of Zone:16, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.2218 m



Deaggregation of Zone:16, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:16.9233 m

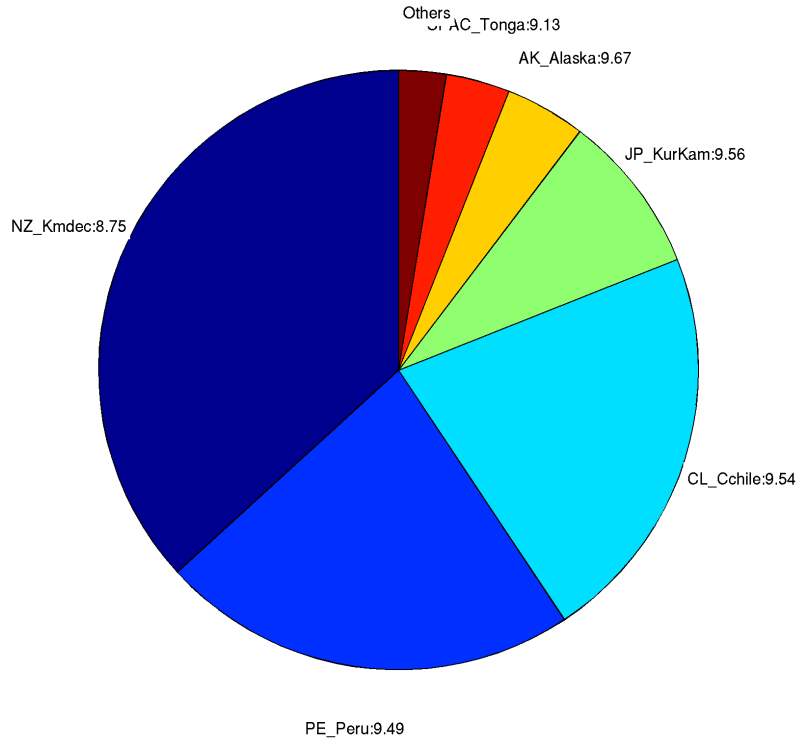


17. Whangaruru Bay

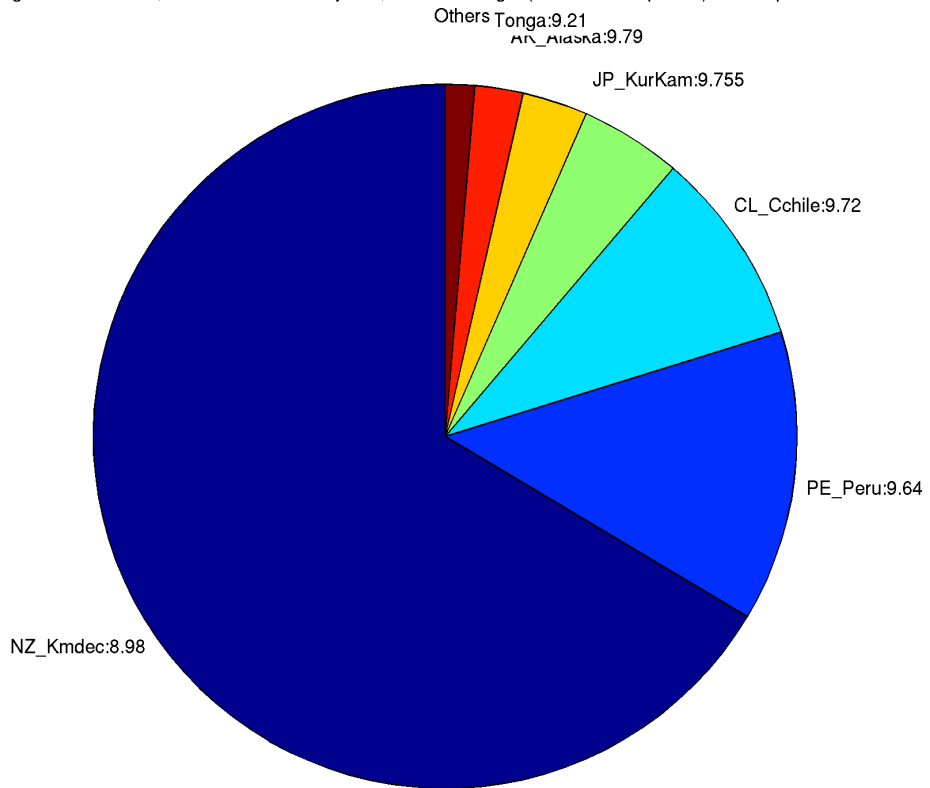




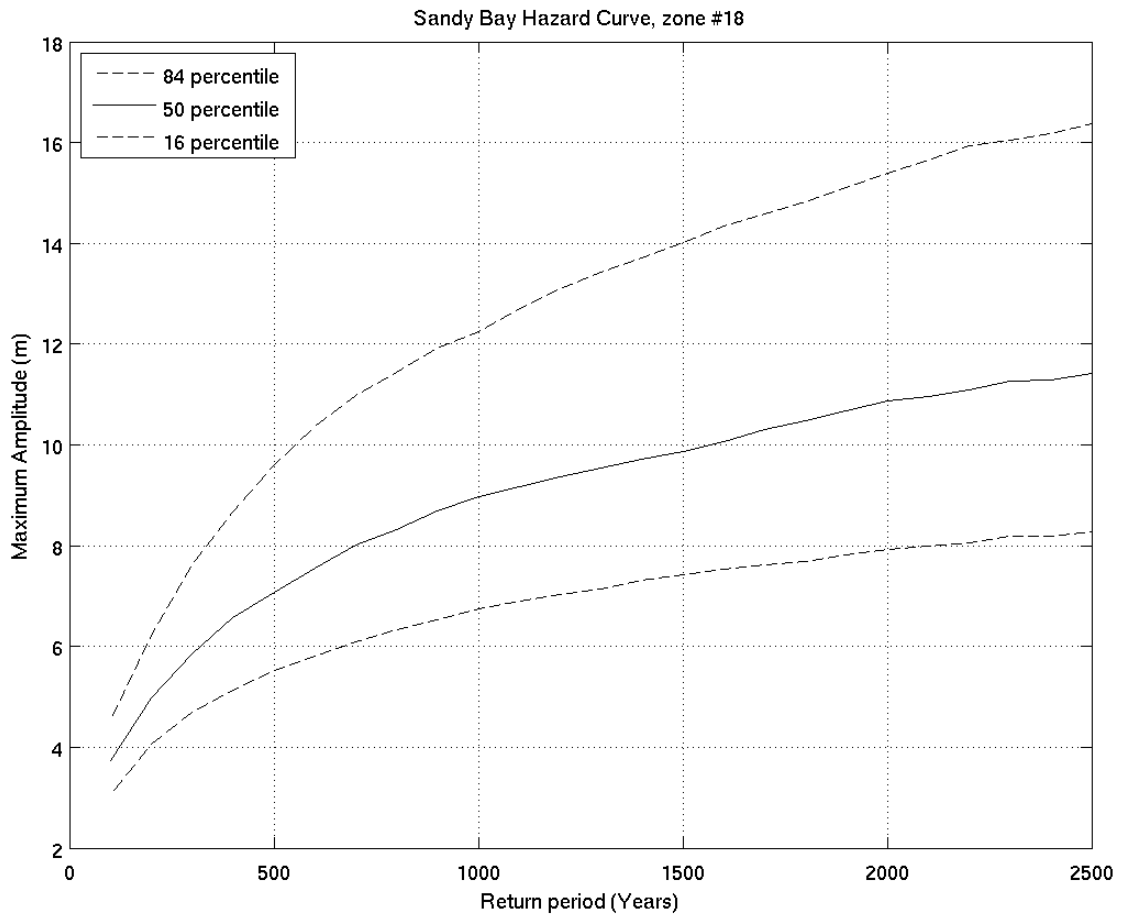
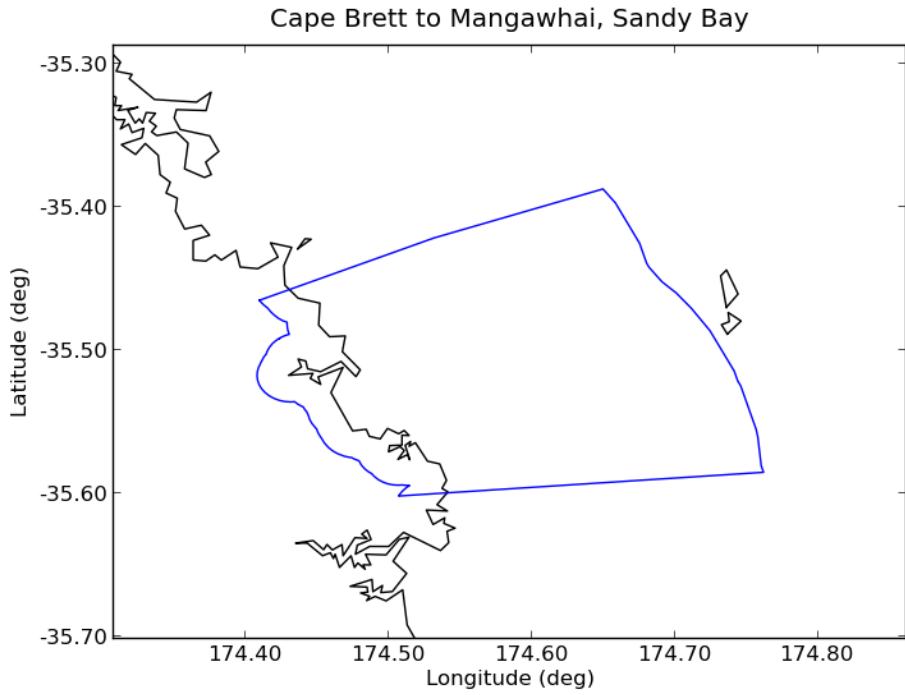
Deaggregation of Zone:17, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.2773 m



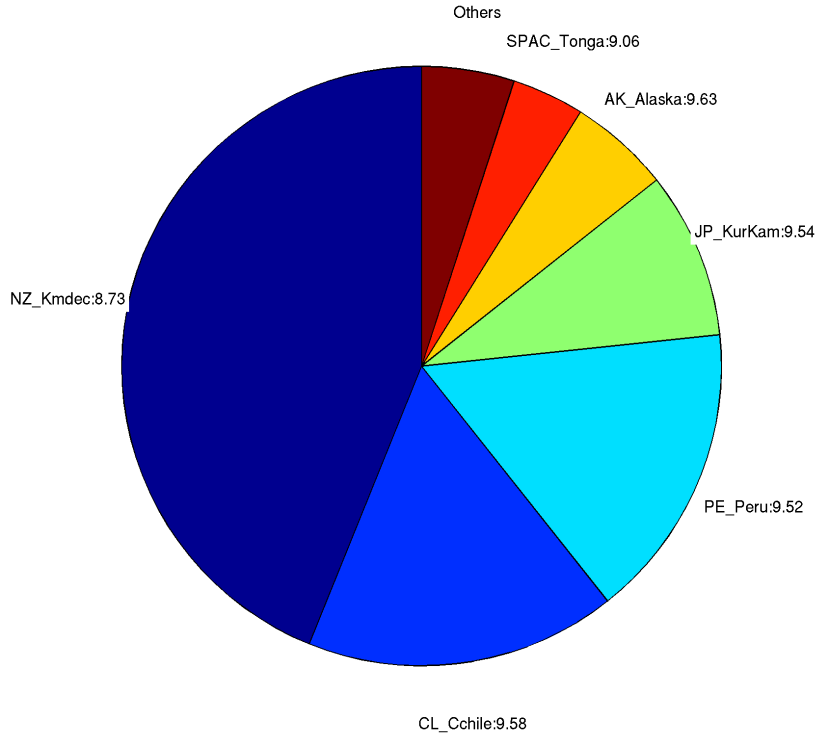
Deaggregation of Zone:17, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.7816 m



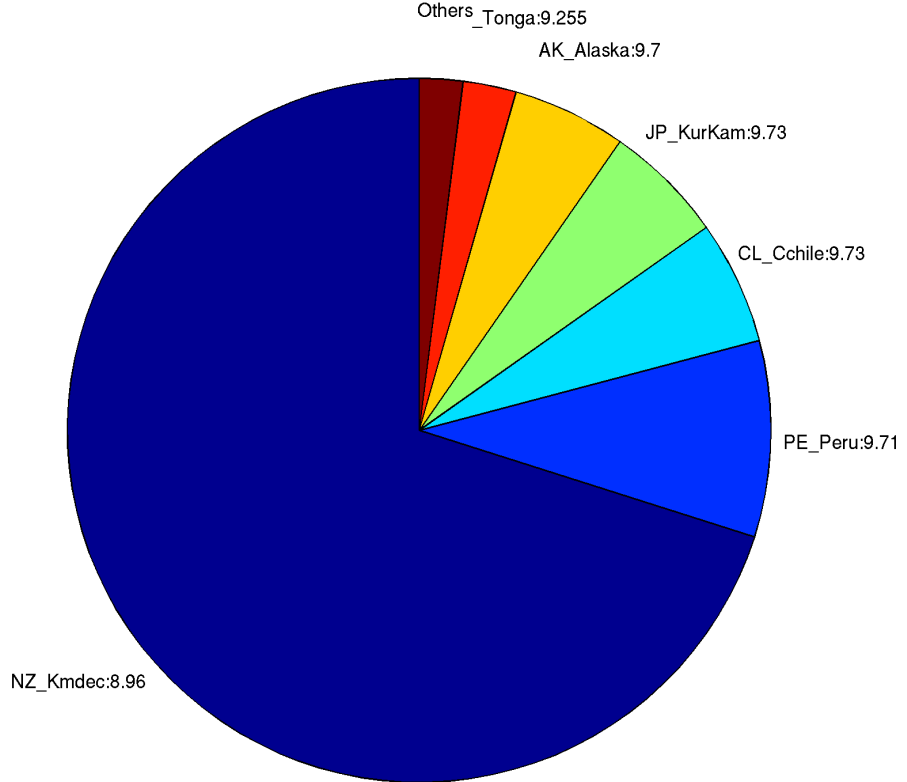
## 18. Sandy Bay



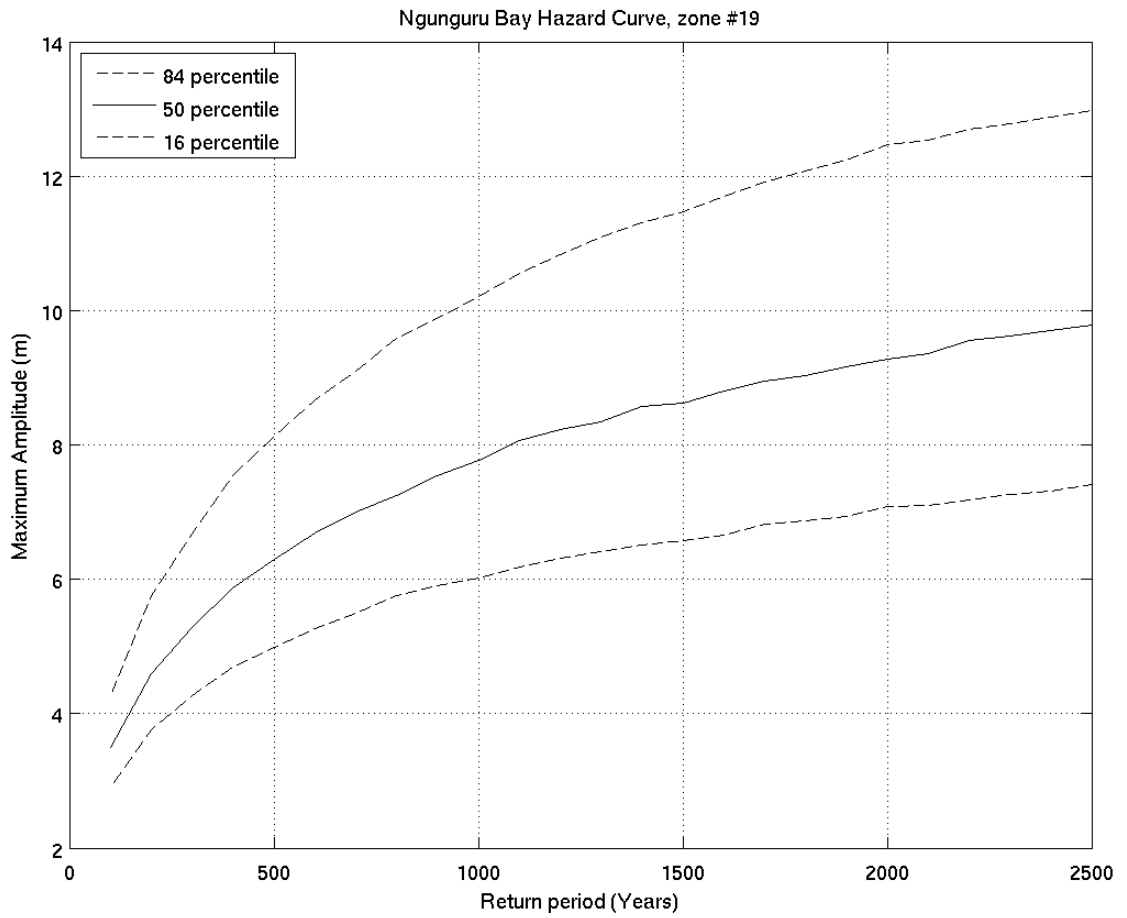
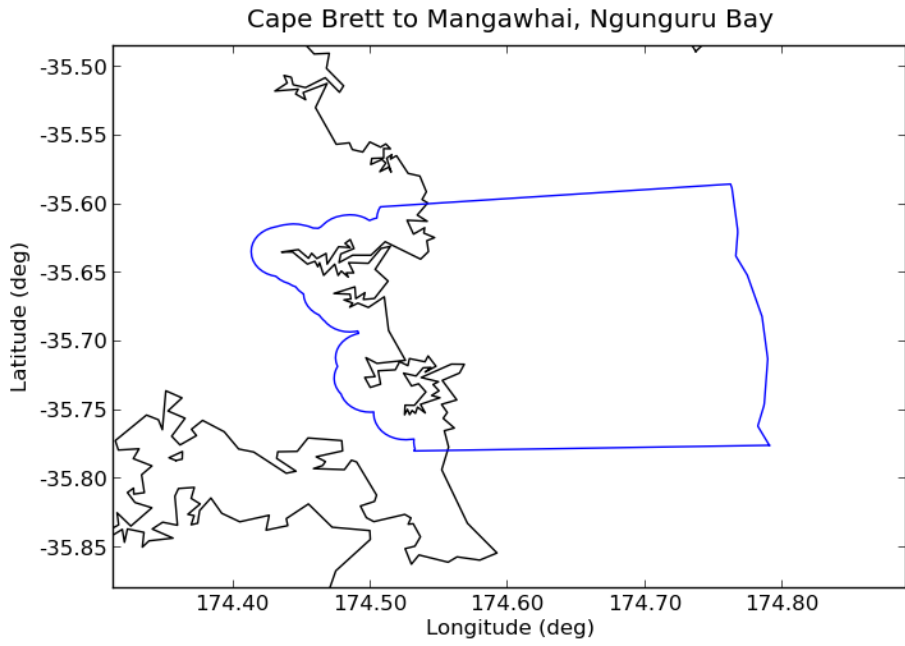
Deaggregation of Zone:18, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0829 m



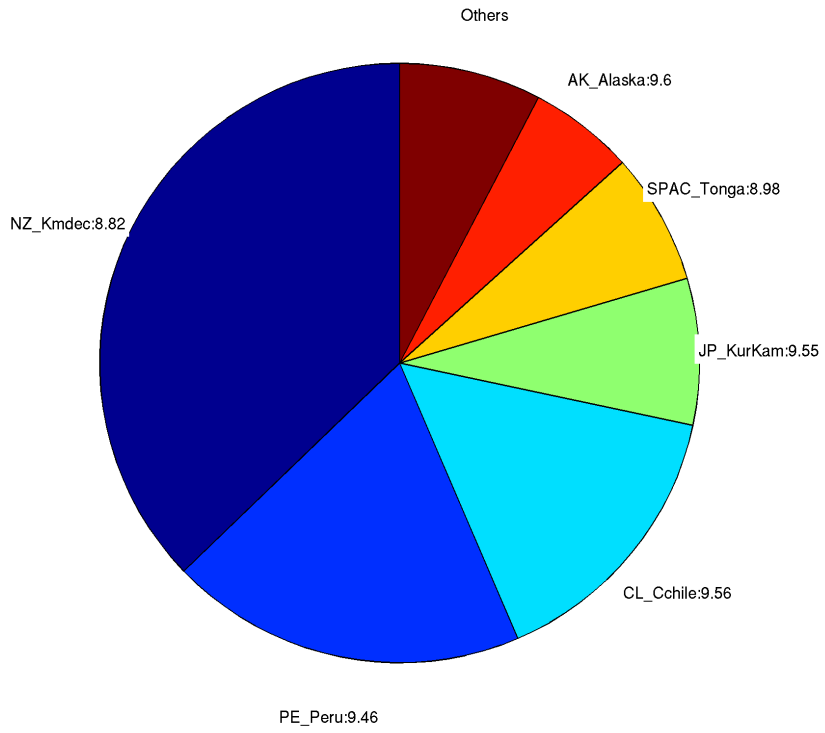
Deaggregation of Zone:18, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.4107 m



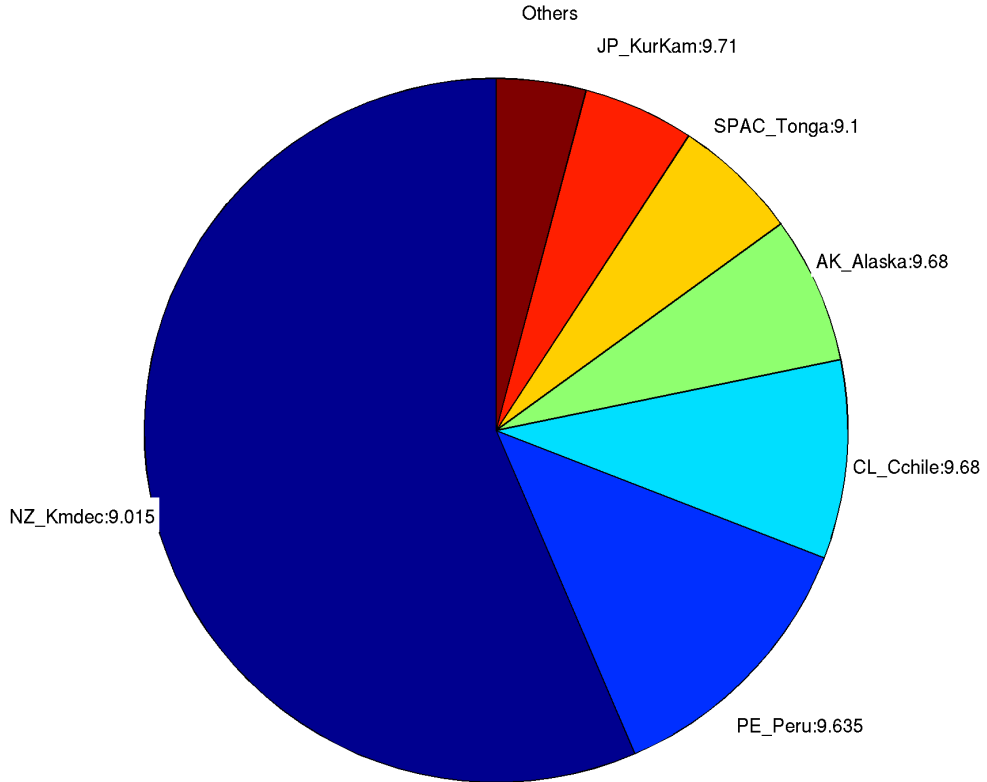
## 19. Ngunguru Bay



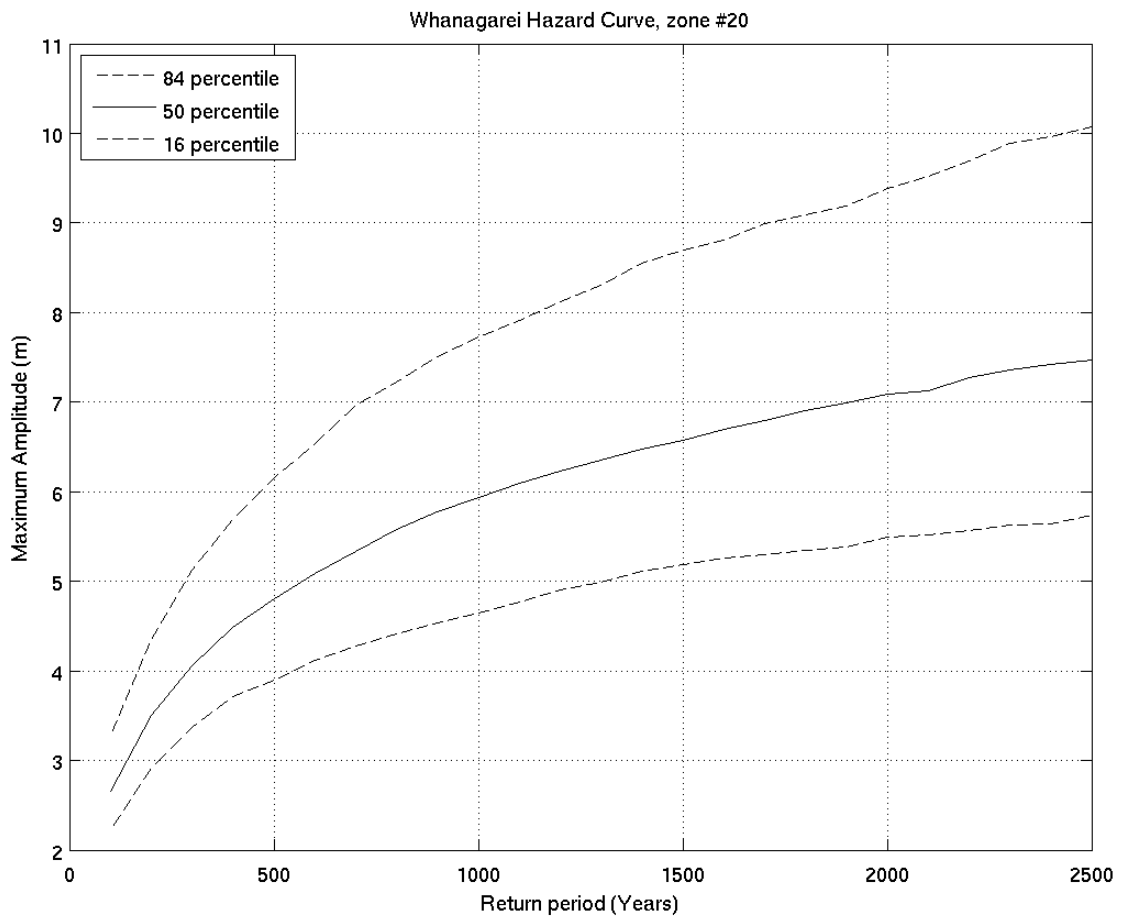
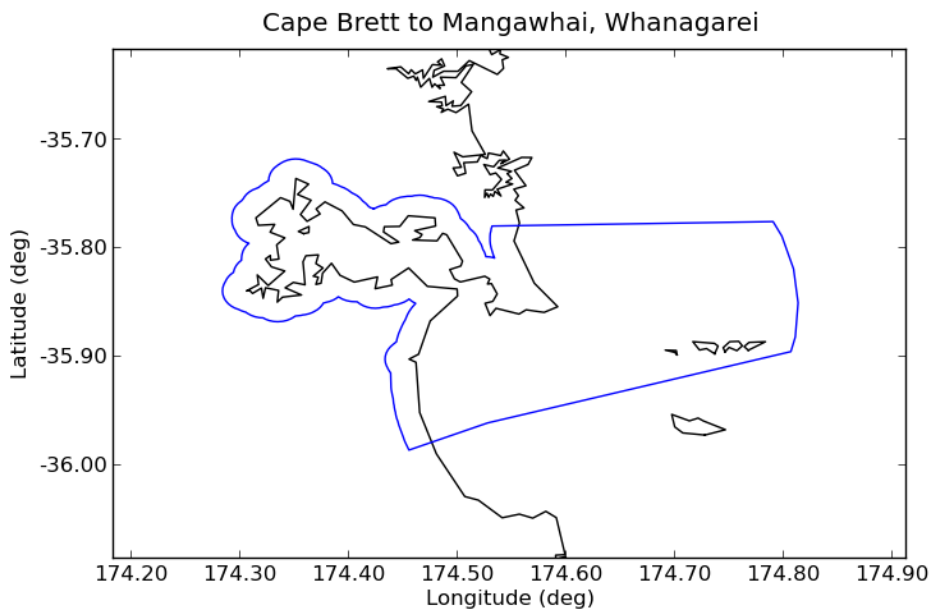
Deaggregation of Zone:19, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2964 m



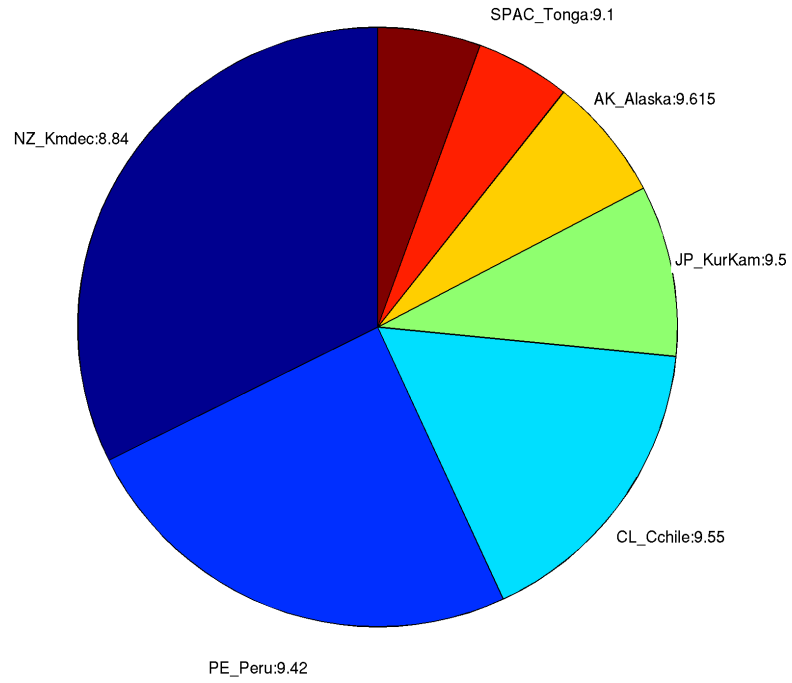
Deaggregation of Zone:19, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.7641 m



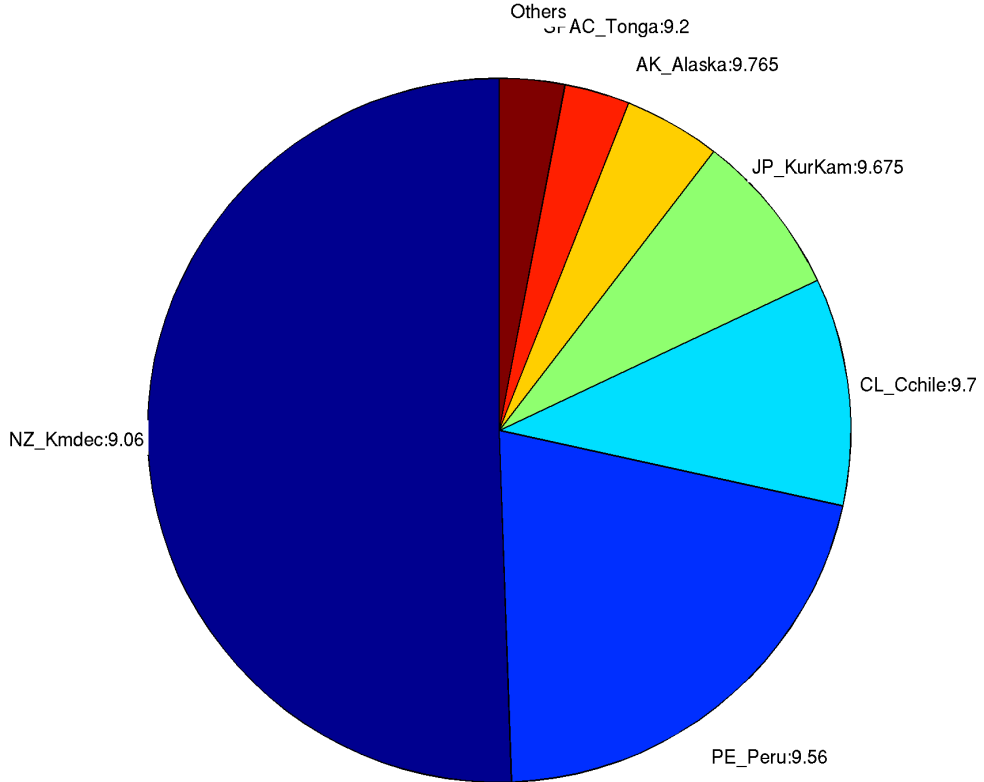
## 20. Whanagarei



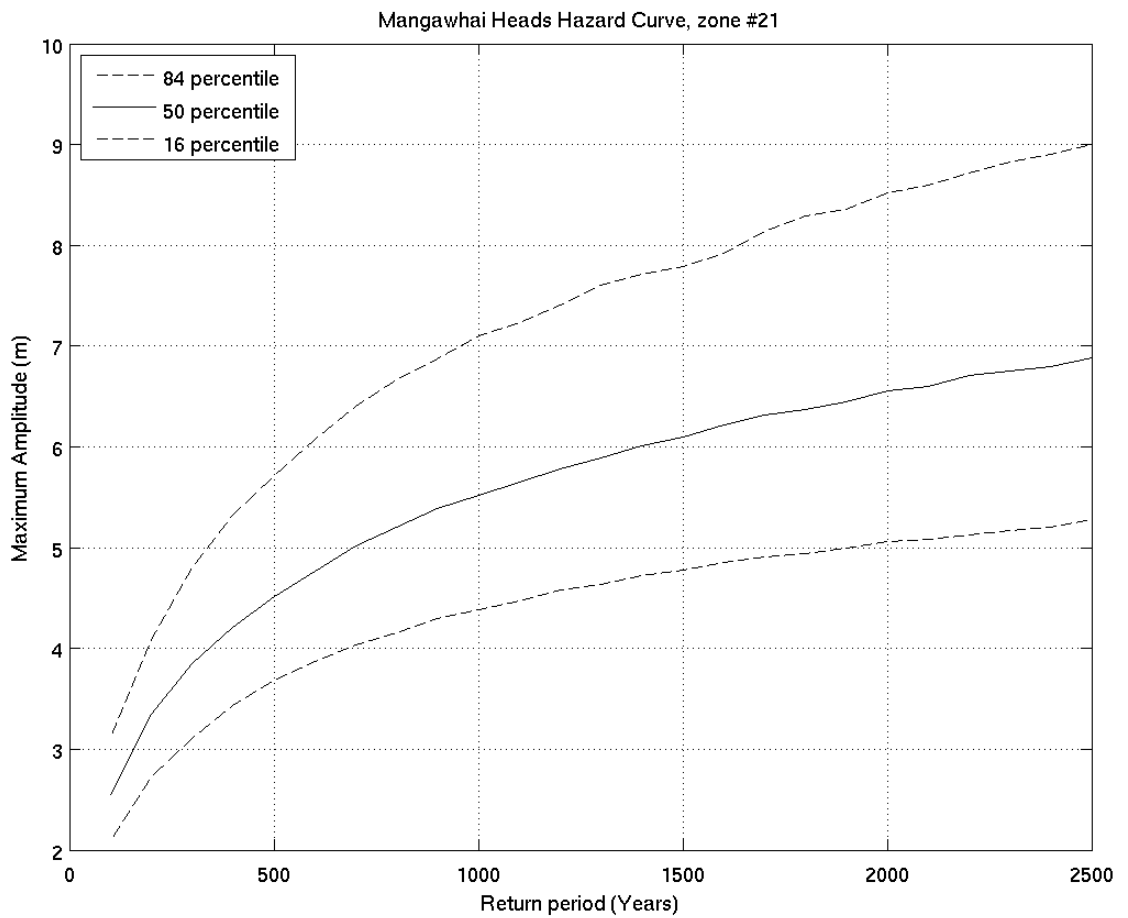
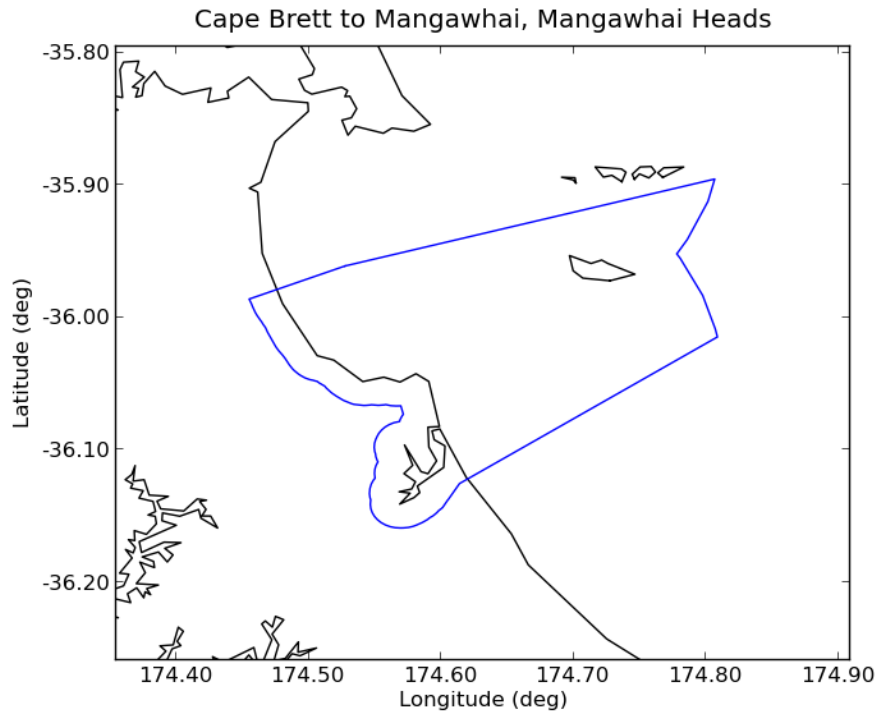
Deaggregation of Zone:20, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8106 m  
Others



Deaggregation of Zone:20, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4531 m

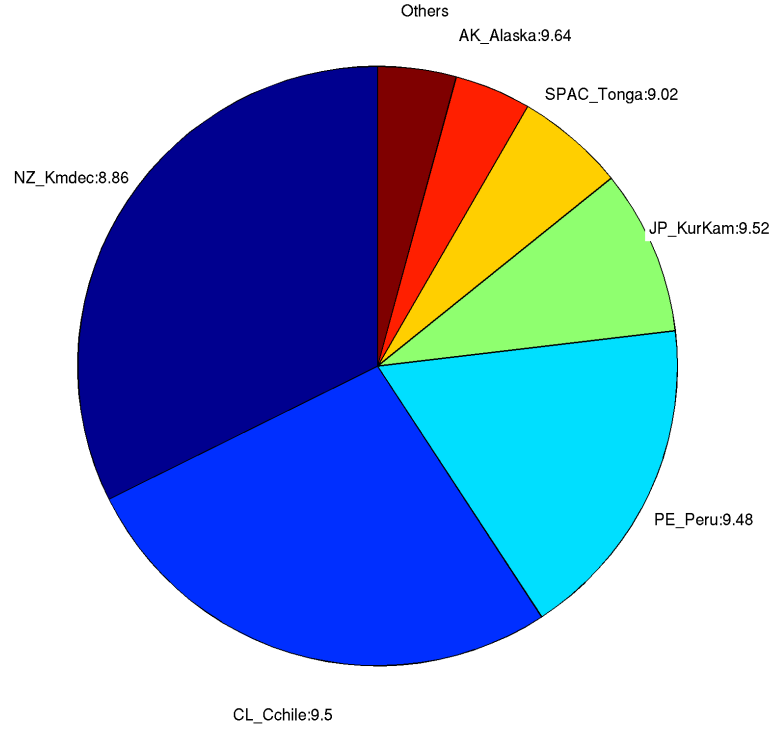


## 21. Mangawhai Heads

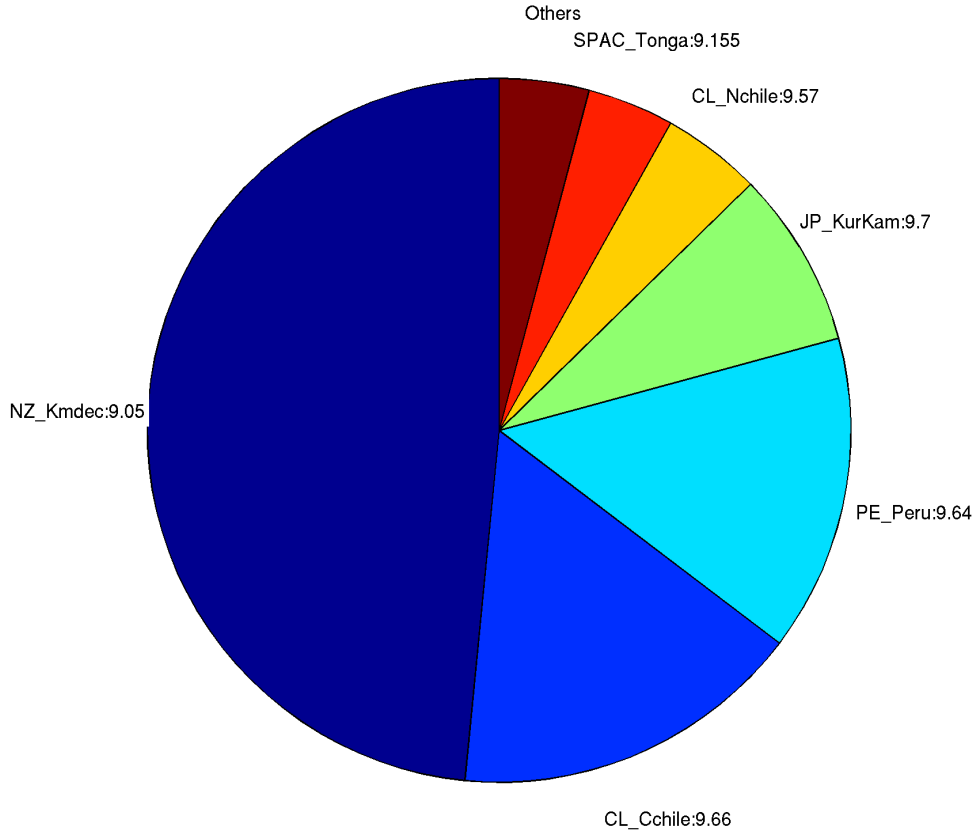




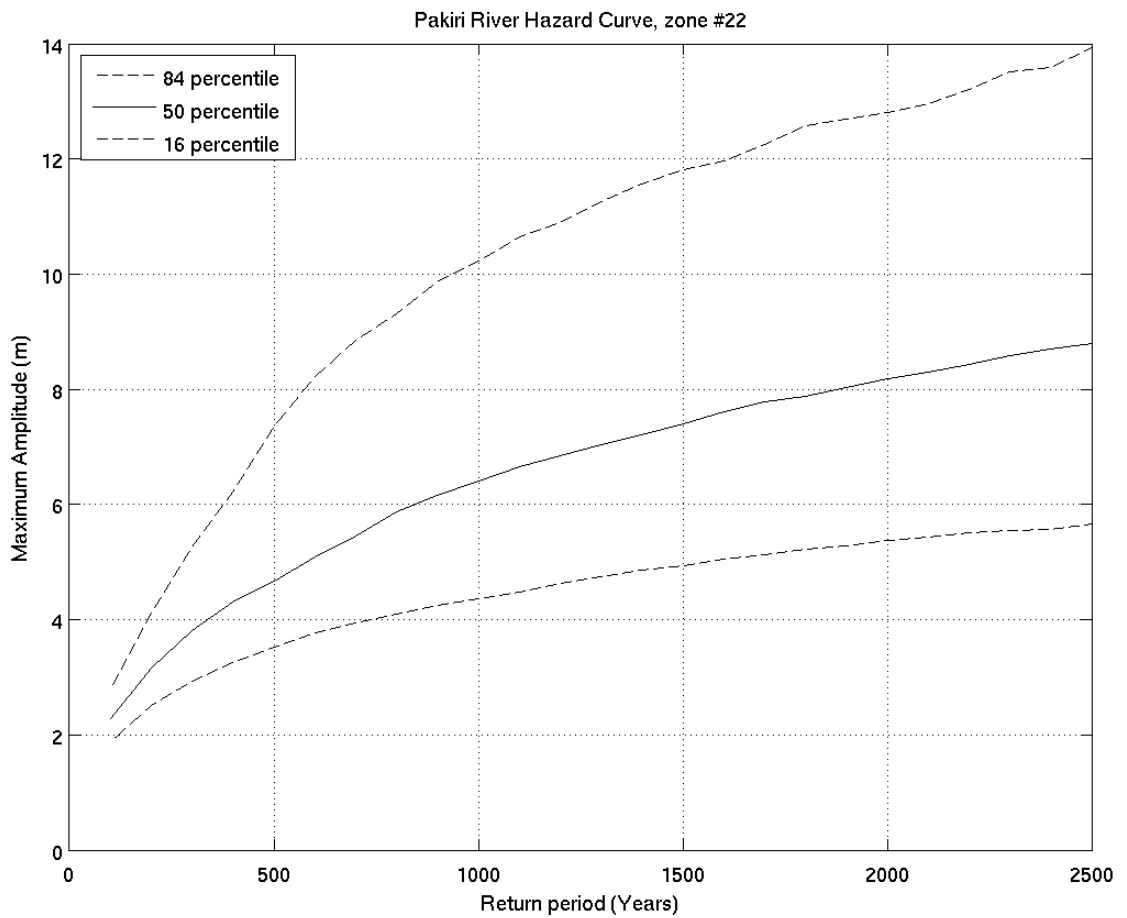
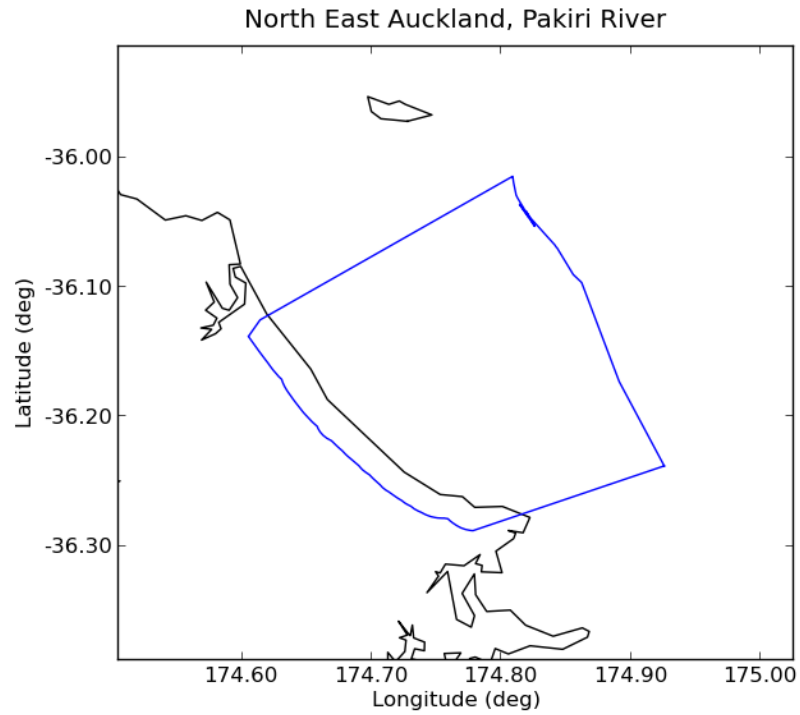
Deaggregation of Zone:21, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5066 m



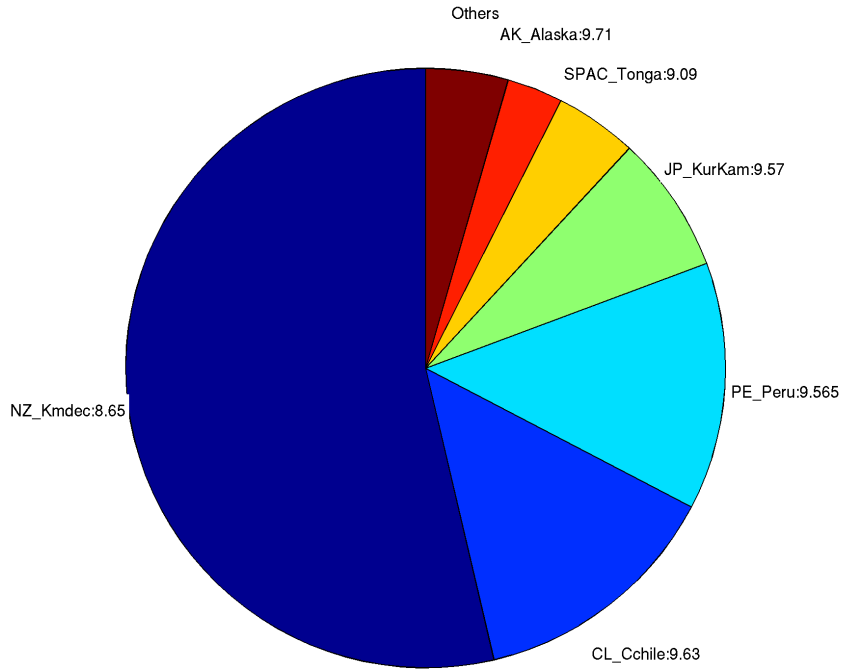
Deaggregation of Zone:21, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8825 m



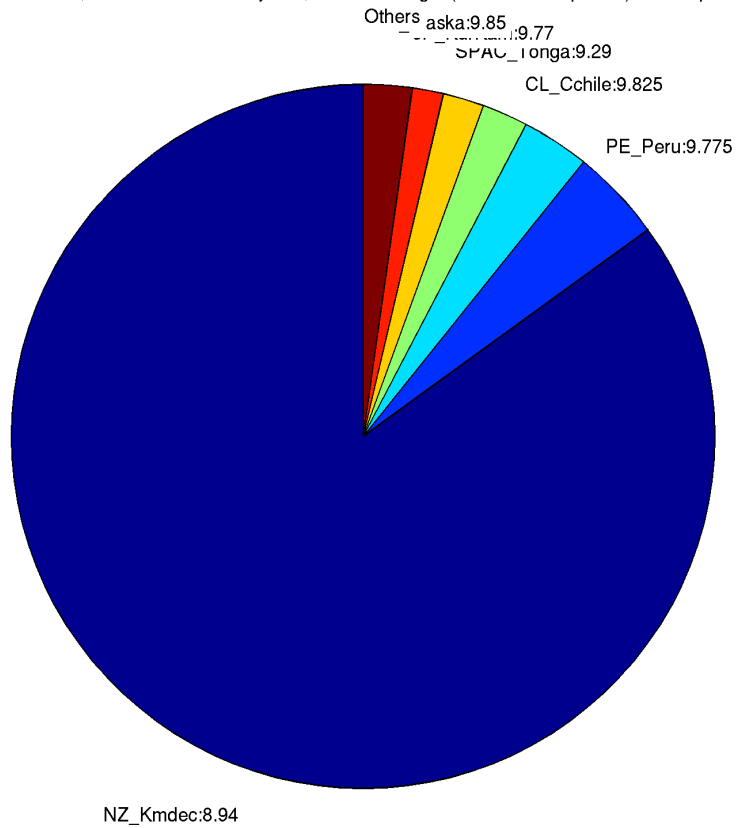
## 22. Pakiri River



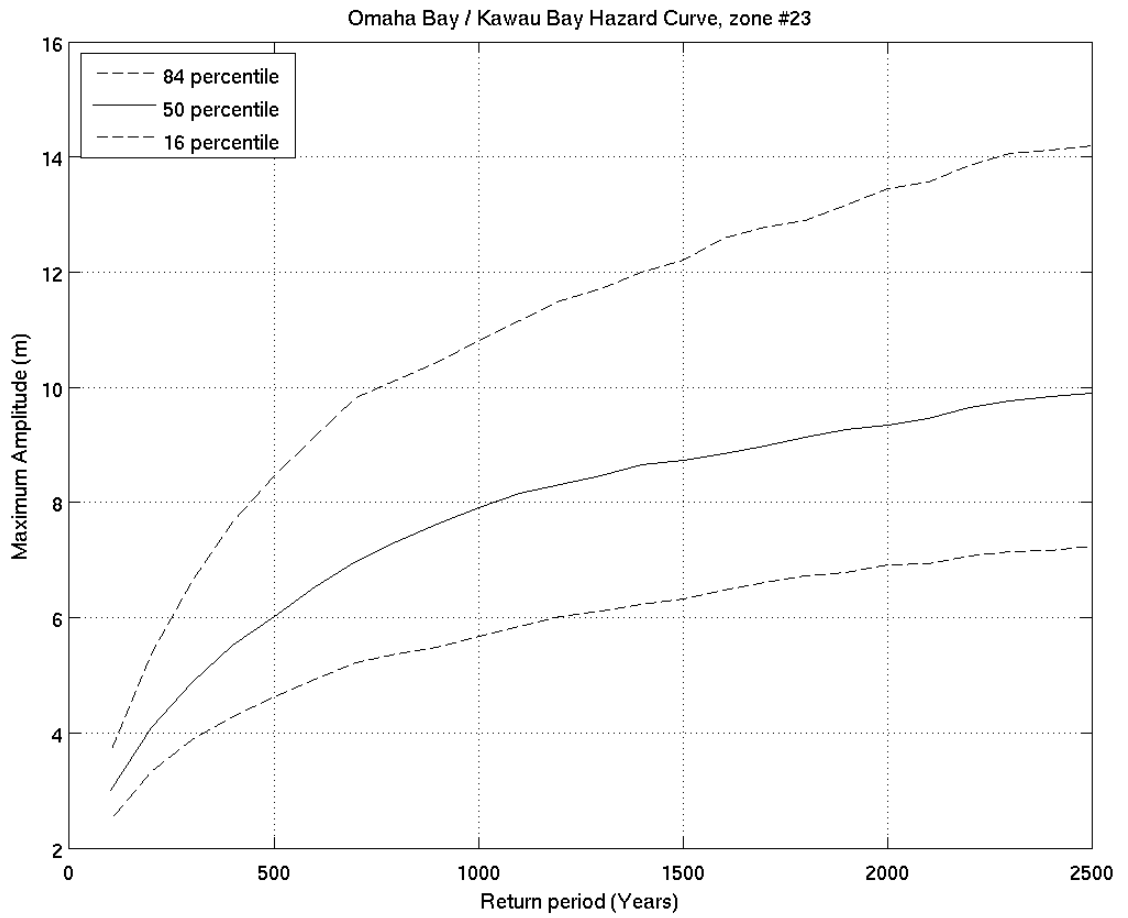
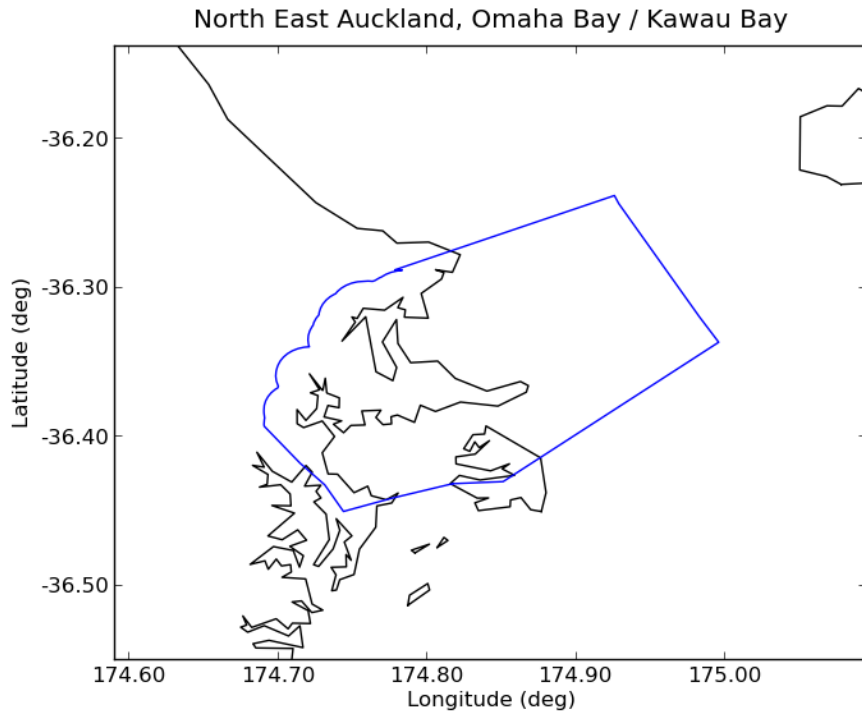
Deaggregation of Zone:22, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6718 m



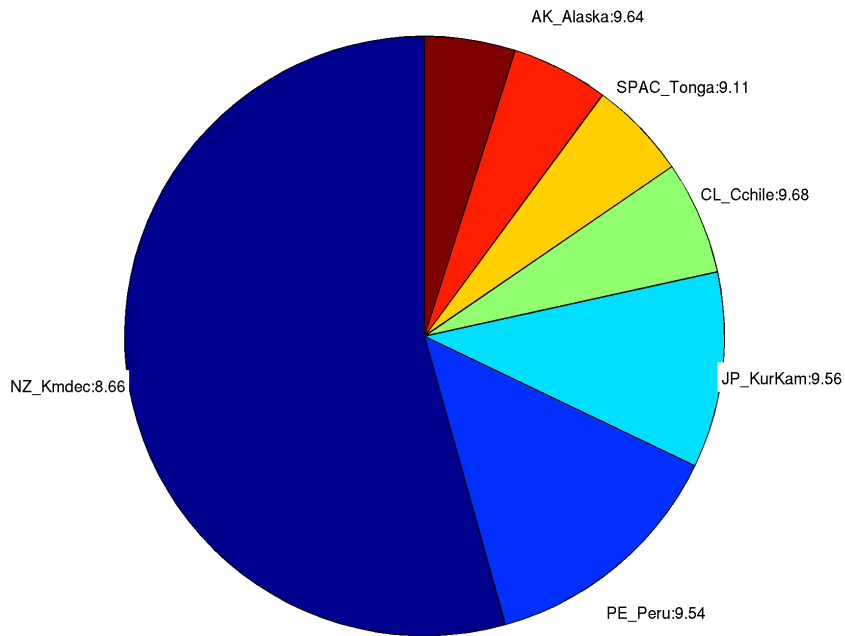
Deaggregation of Zone:22, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.7776 m



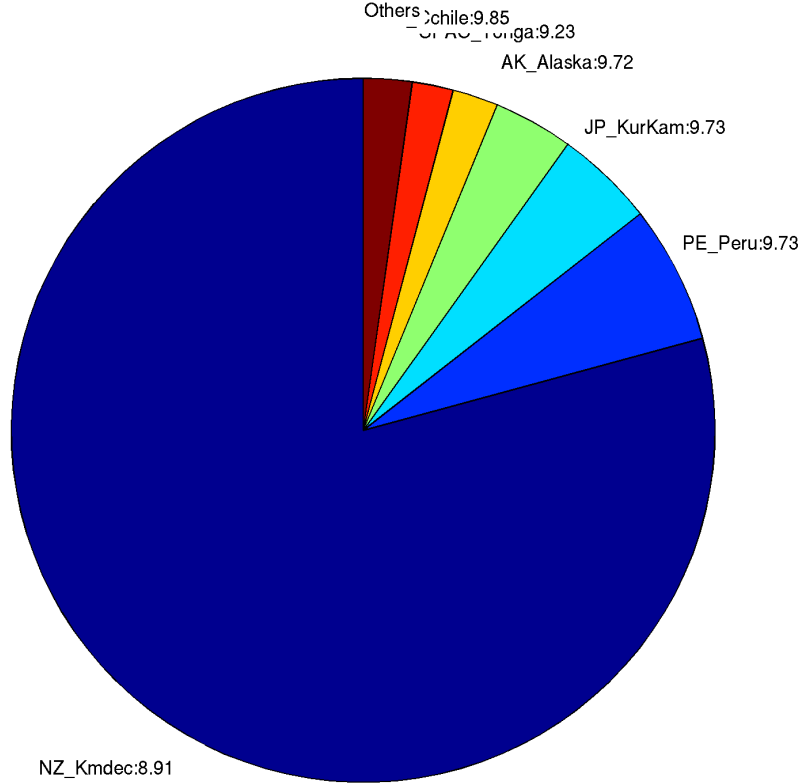
### 23. Omaha Bay / Kawau Bay



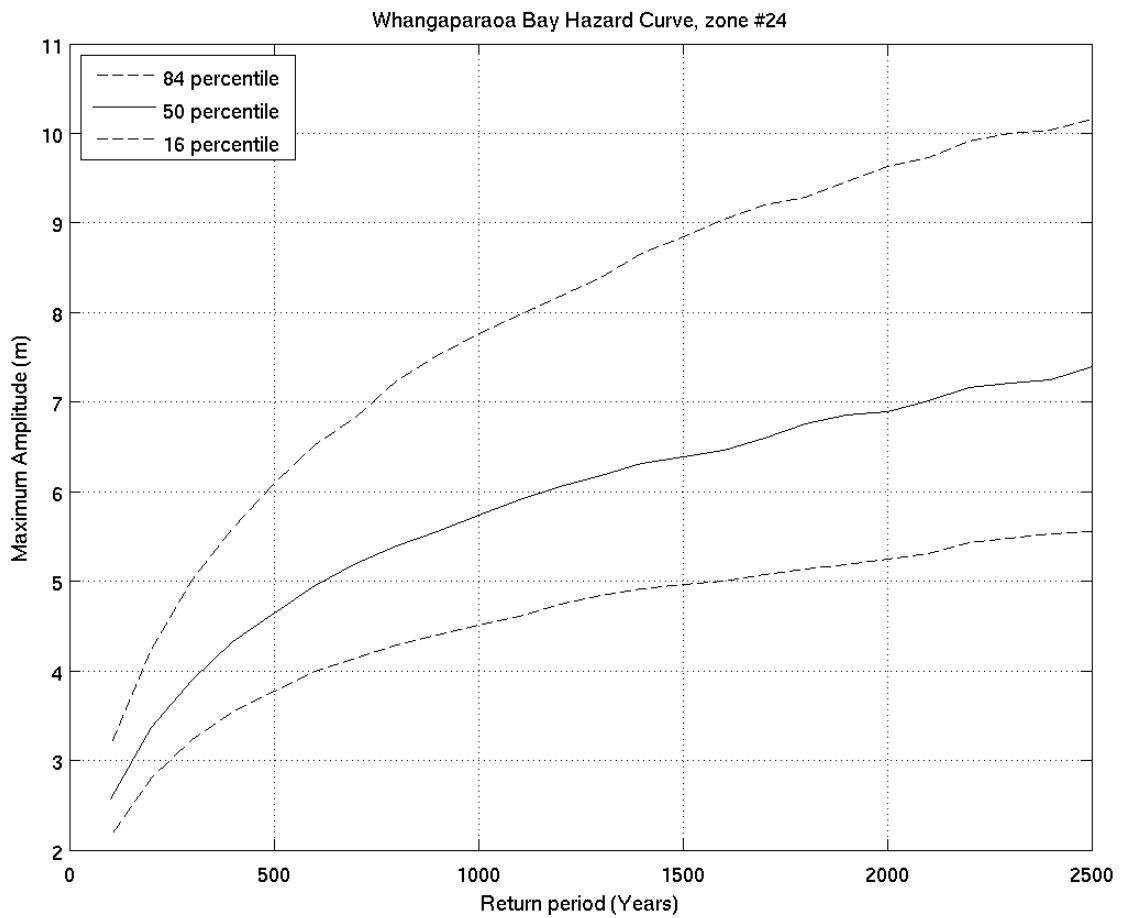
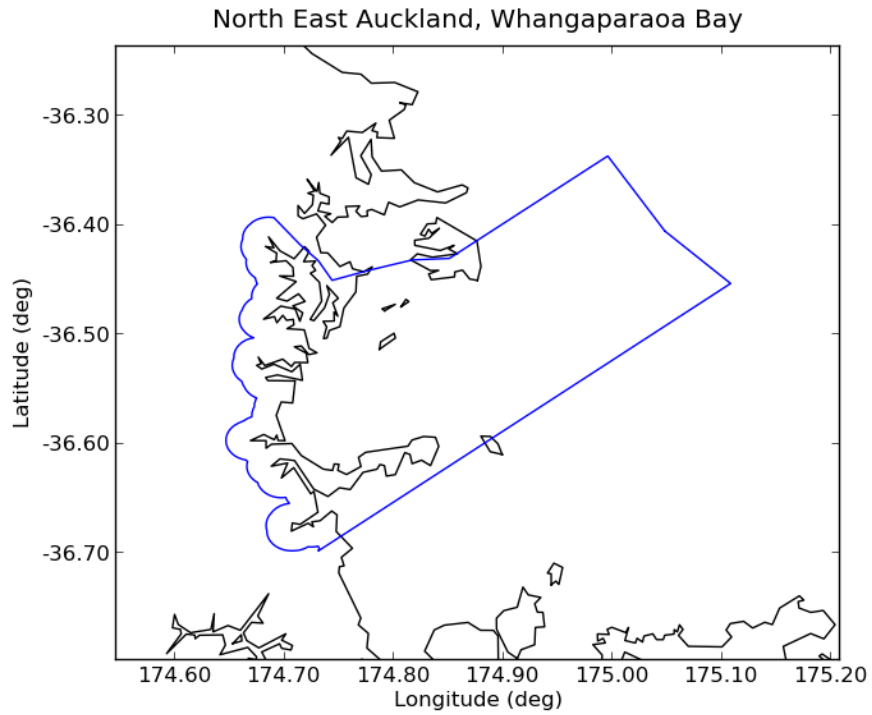
Deaggregation of Zone:23, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0274 m  
Others



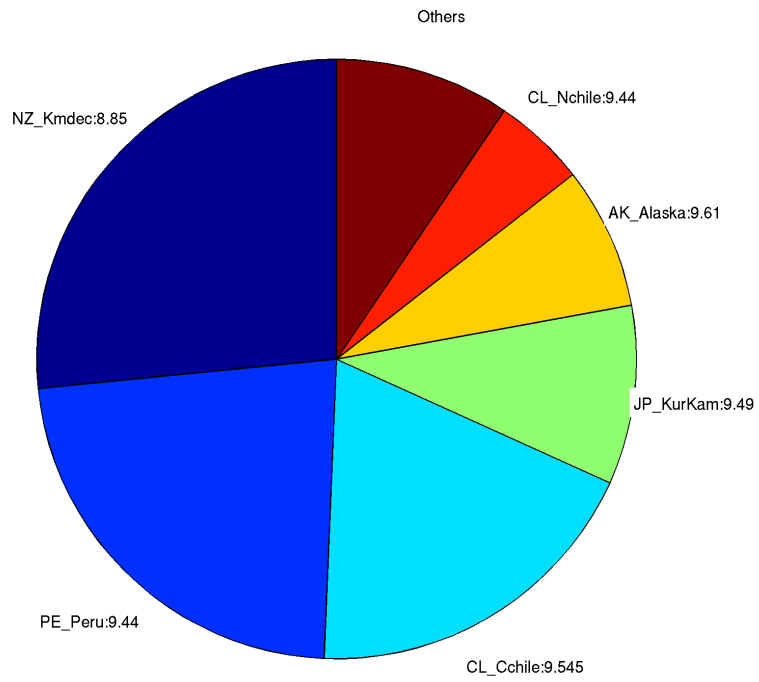
Deaggregation of Zone:23, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.8498 m



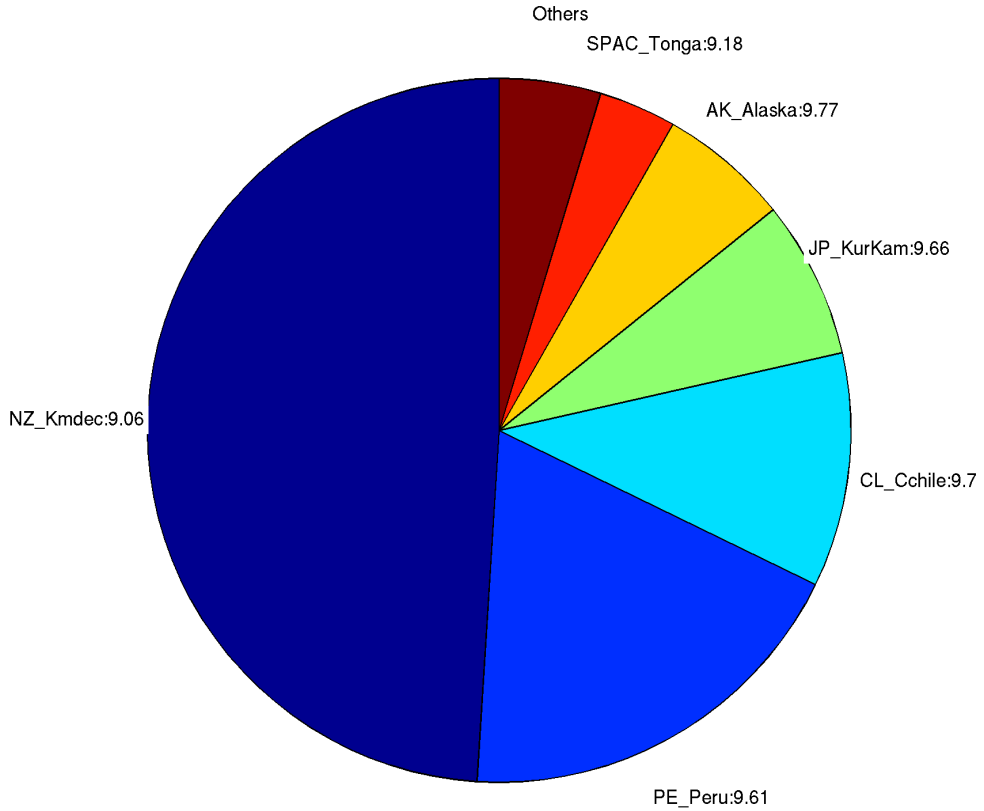
## 24. Whangaparaoa Bay



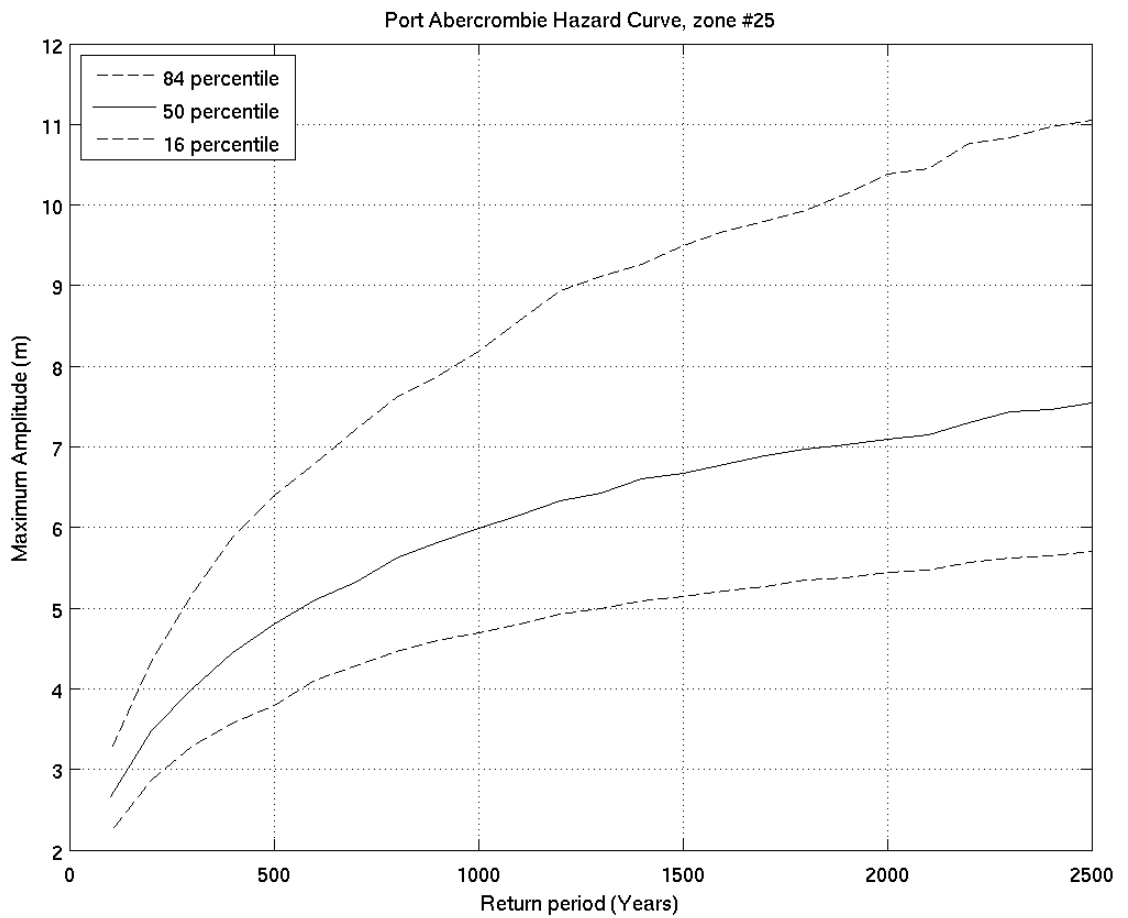
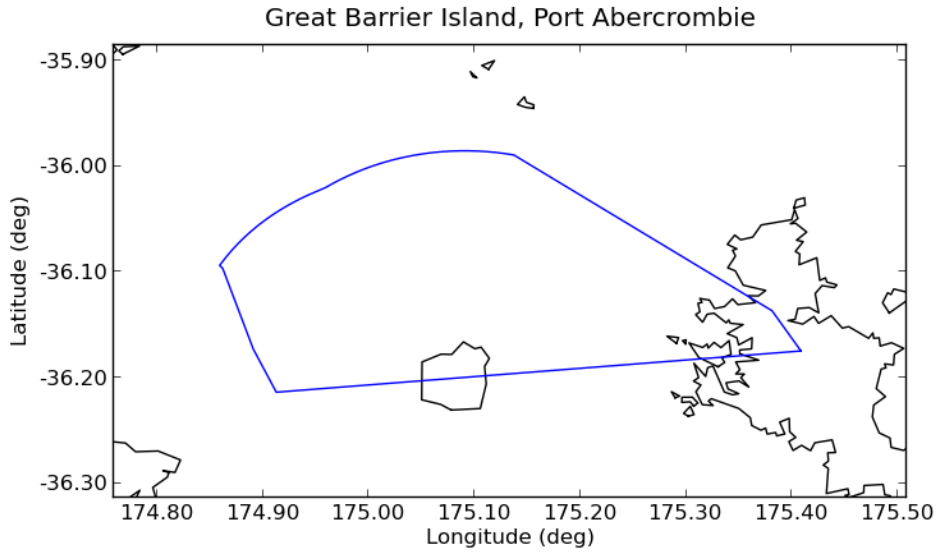
Deaggregation of Zone:24, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6475 m



Deaggregation of Zone:24, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3821 m

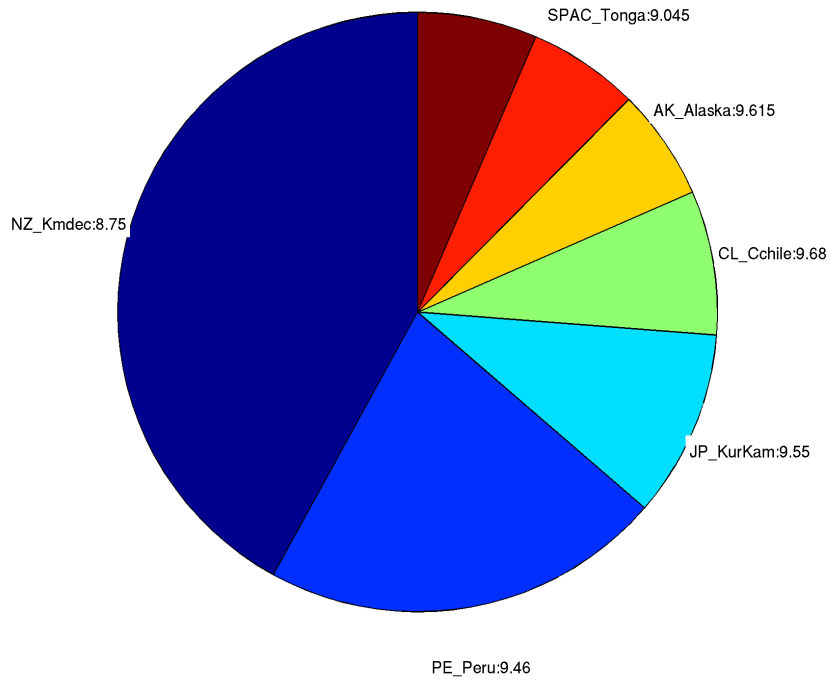


## 25. Port Abercrombie

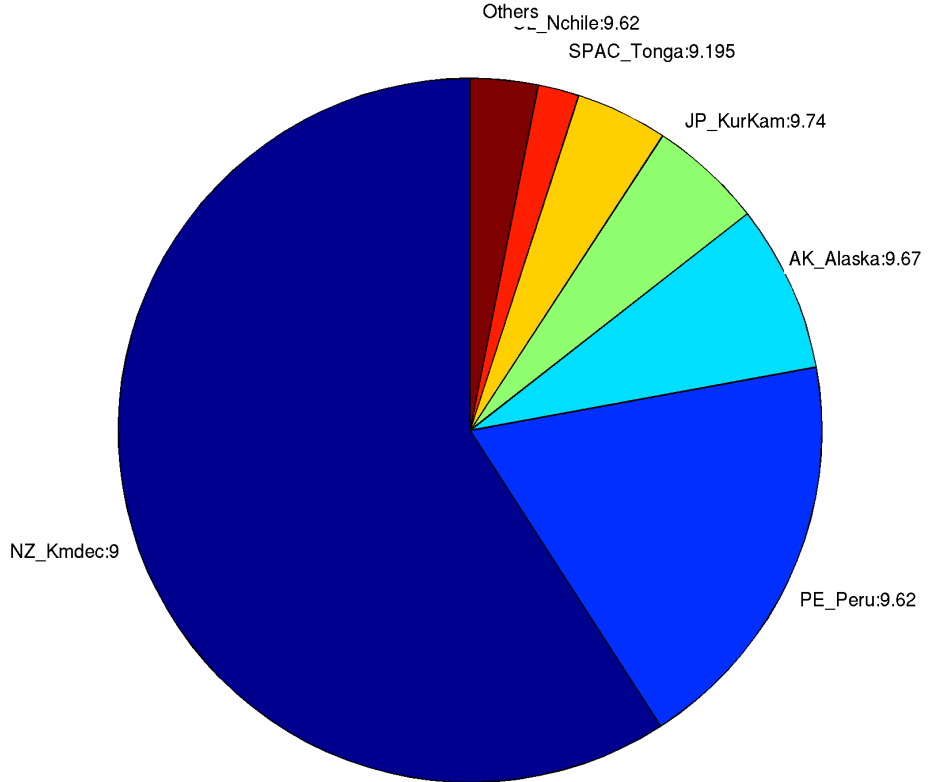




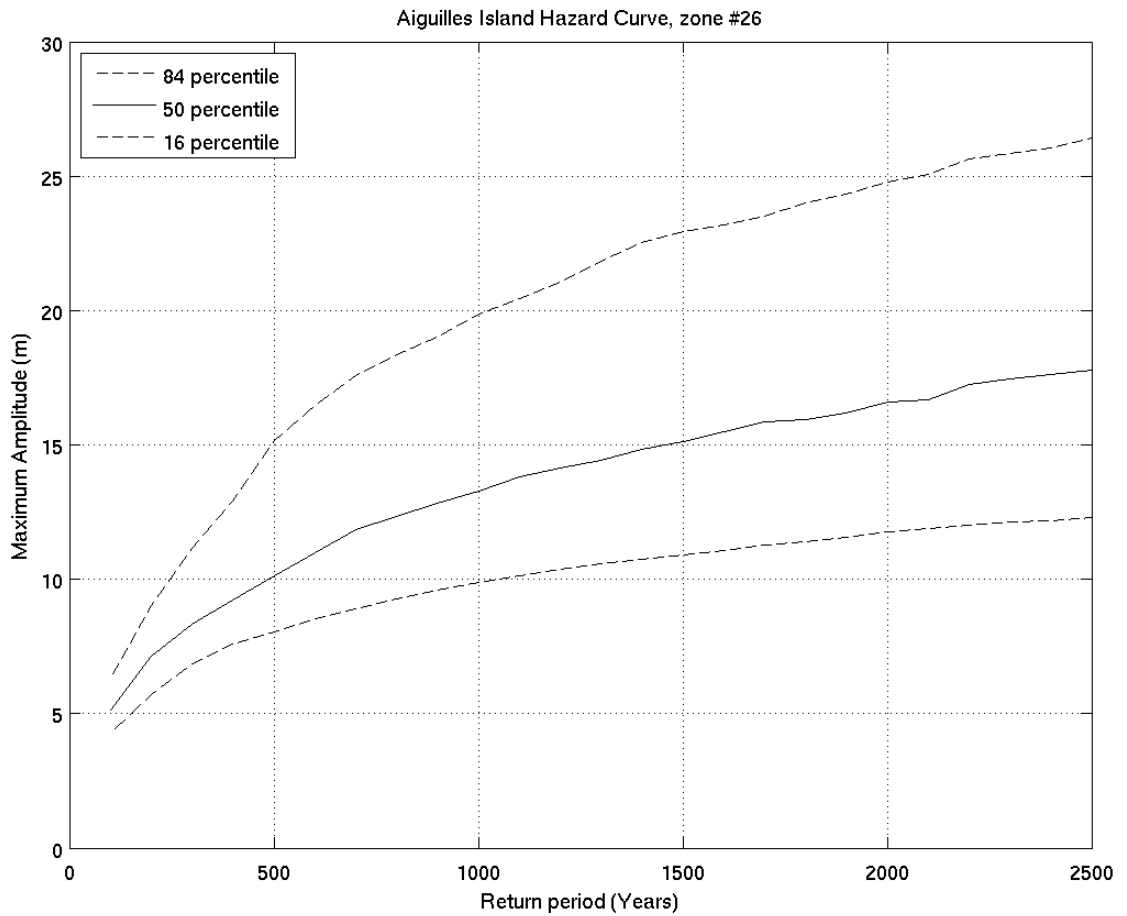
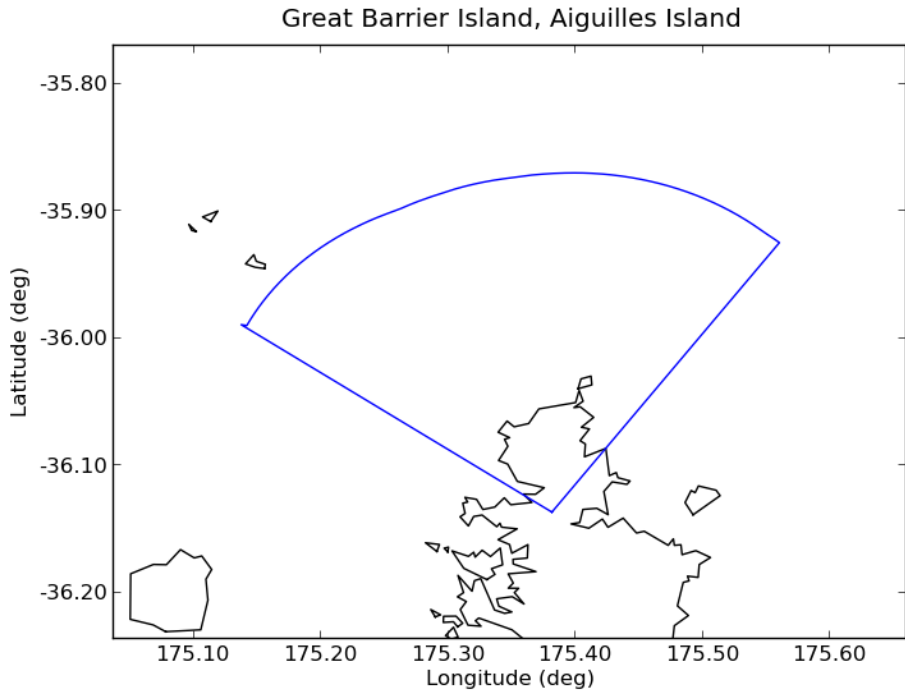
Deaggregation of Zone:25, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7973 m  
Others



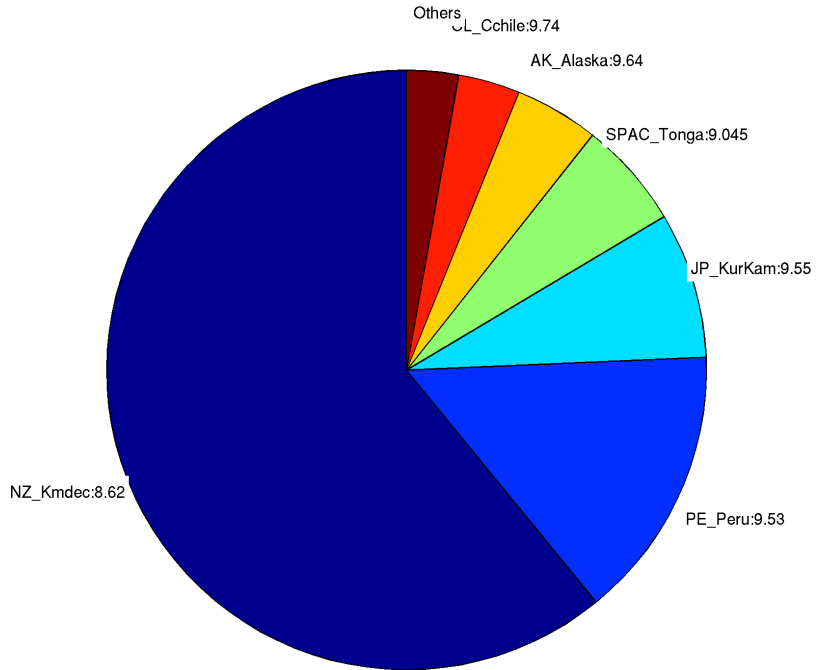
Deaggregation of Zone:25, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5483 m



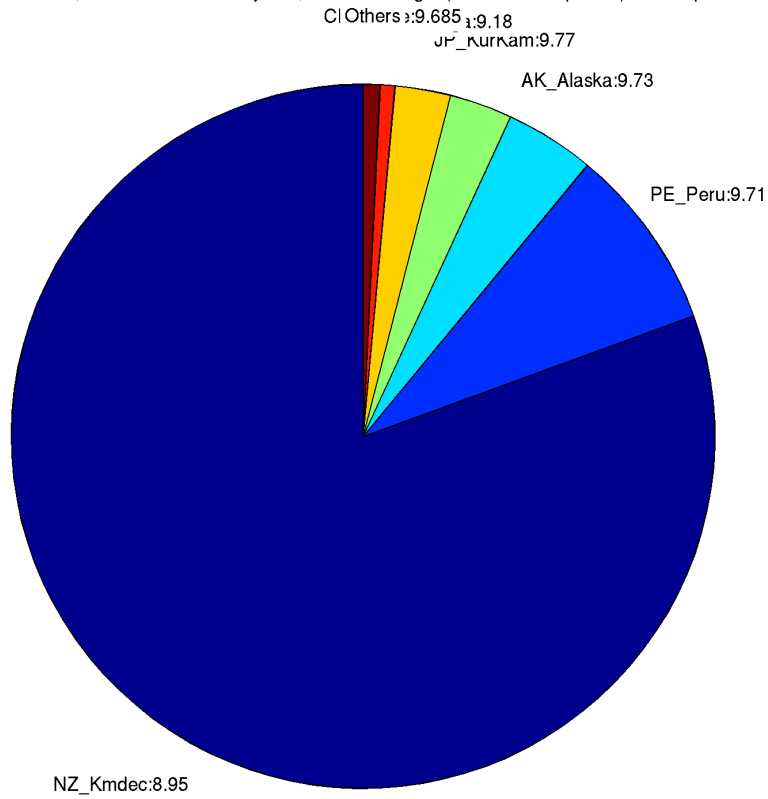
## 26. Aiguilles Island



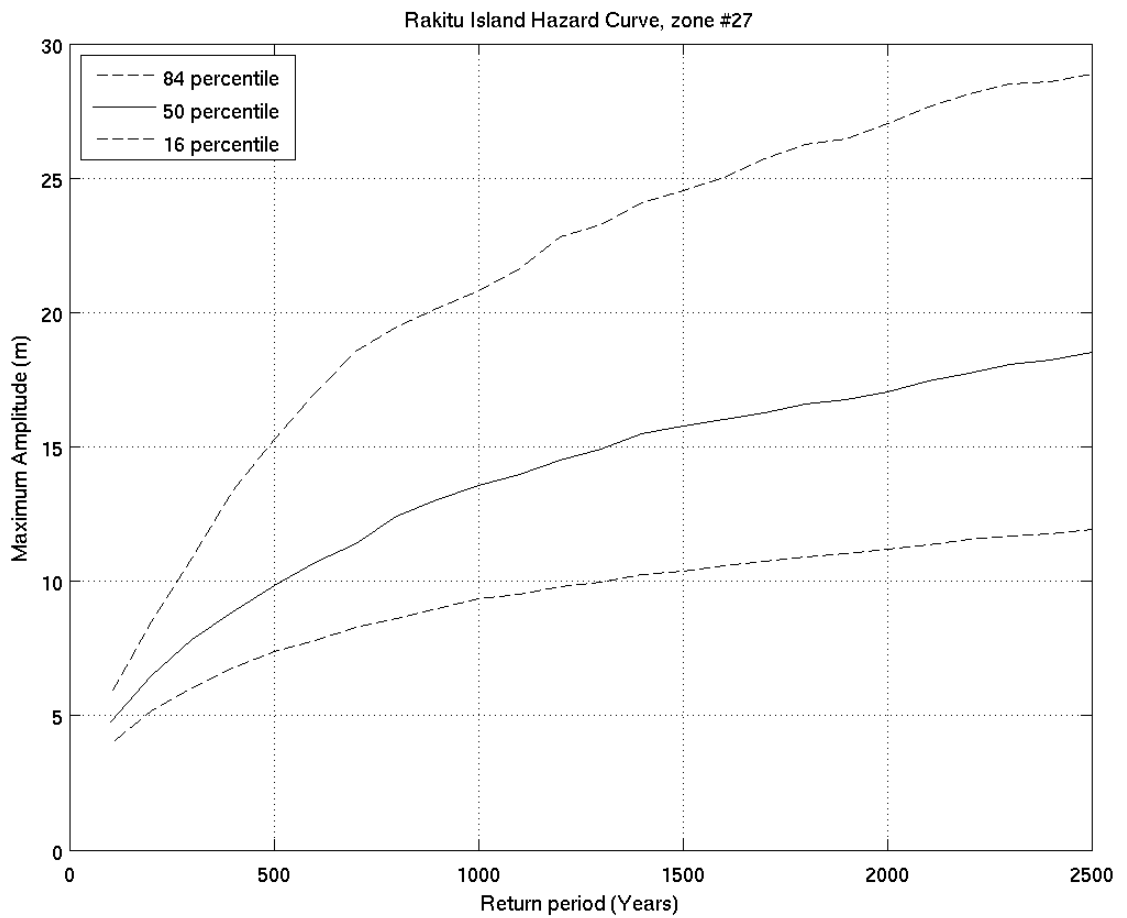
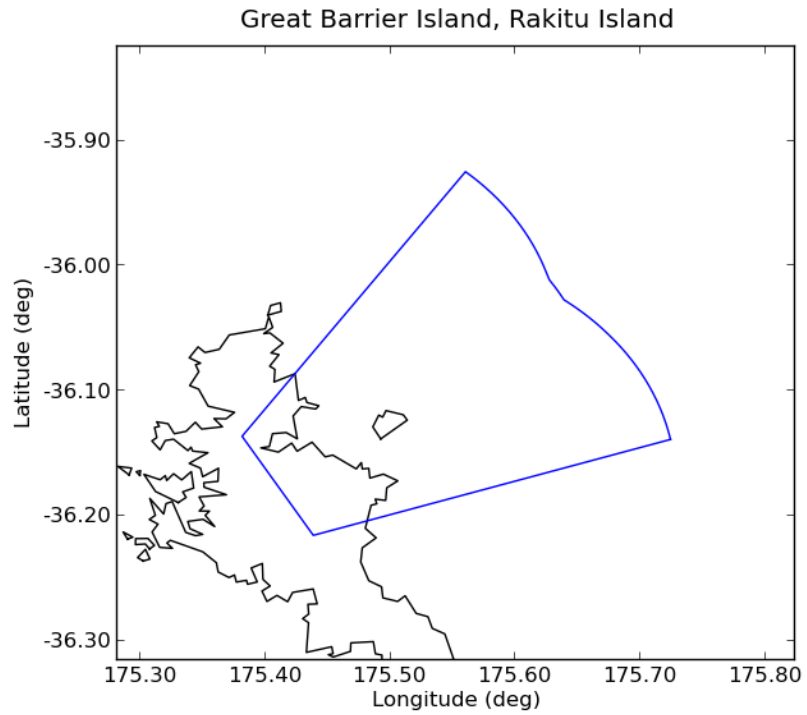
Deaggregation of Zone:26, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.127 m



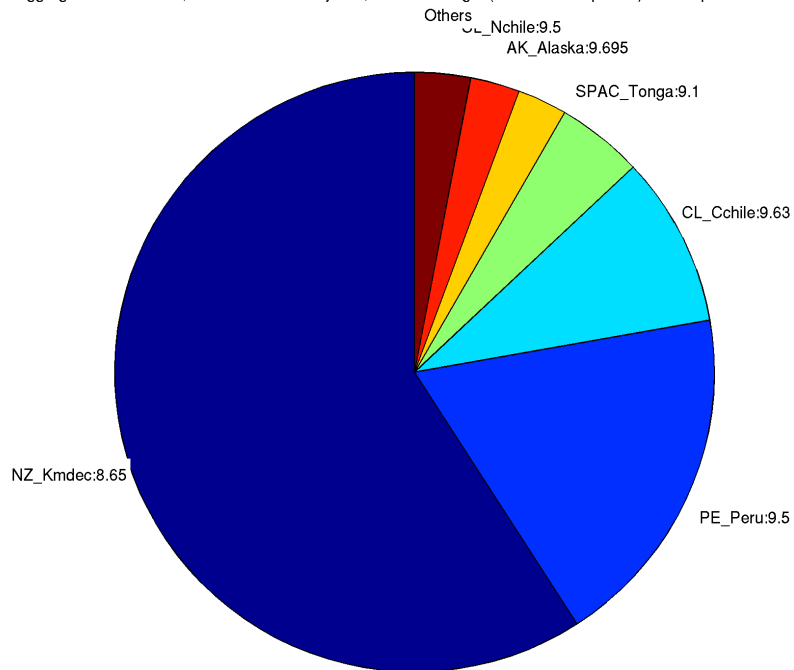
Deaggregation of Zone:26, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:17.7781 m



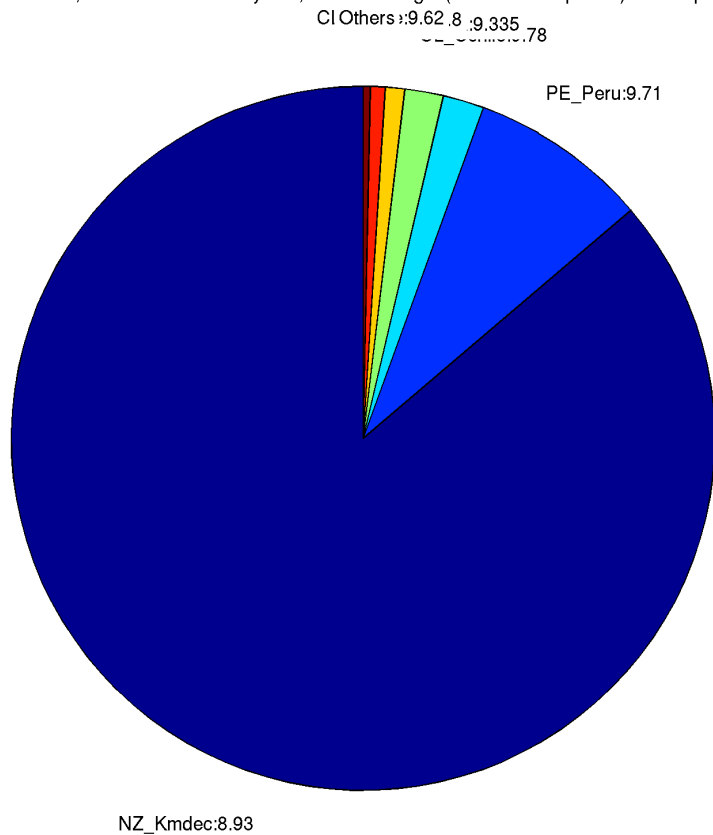
## 27. Rakitu Island



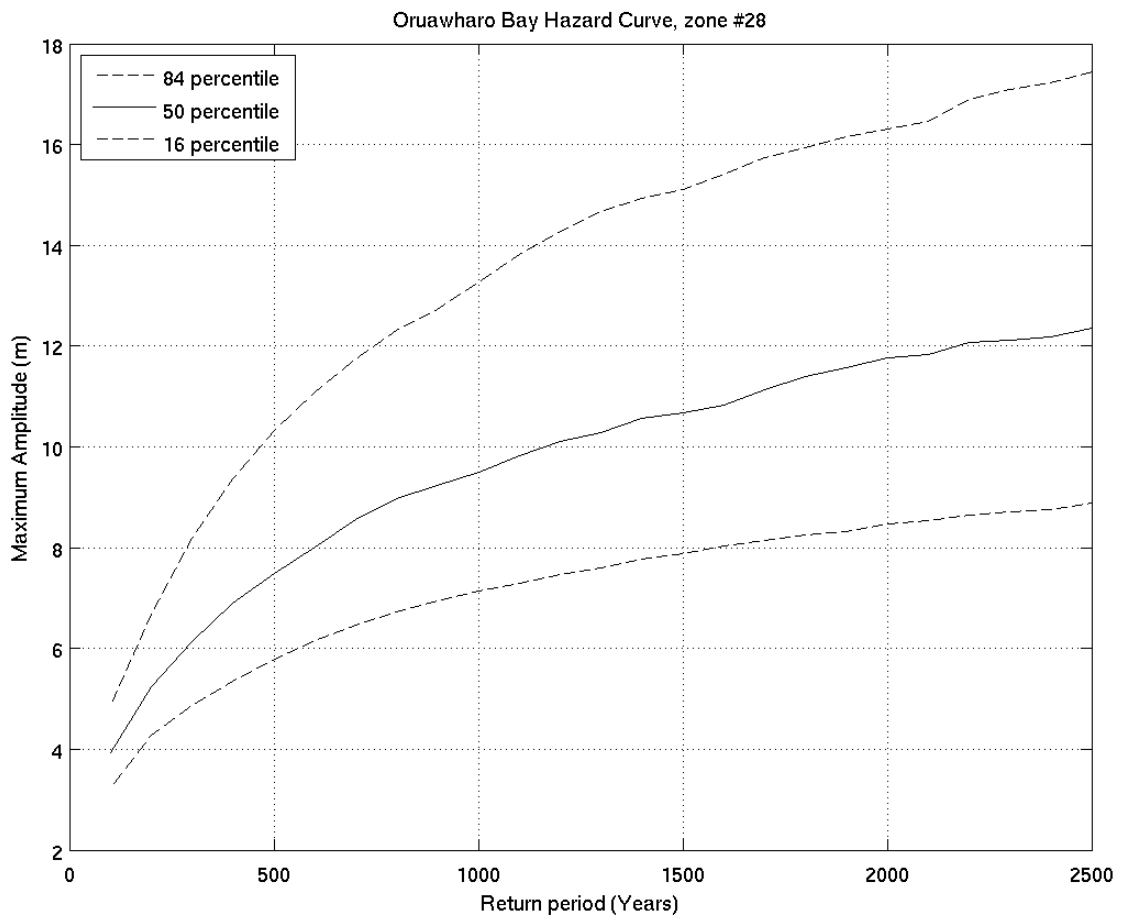
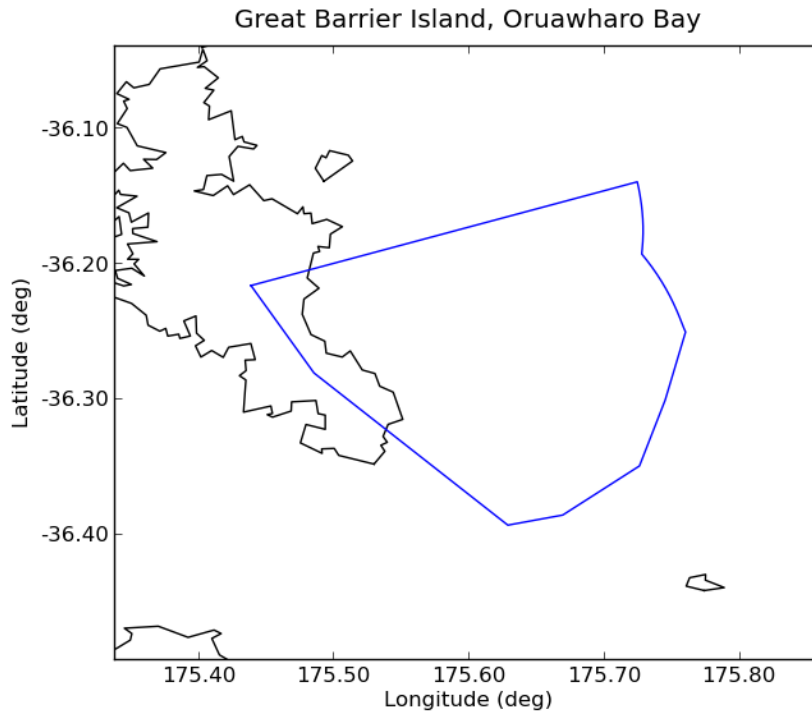
Deaggregation of Zone:27, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.819 m



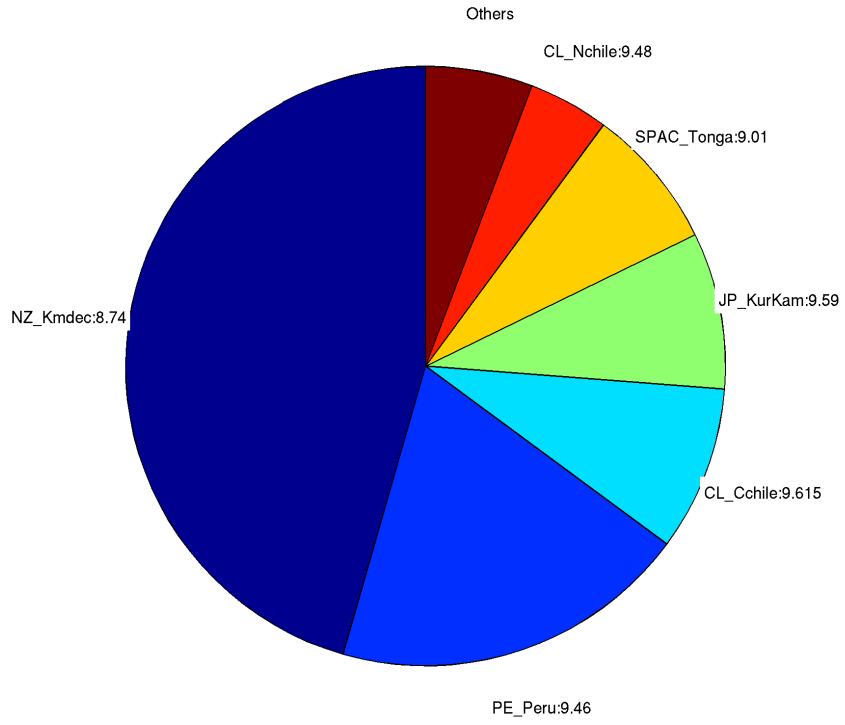
Deaggregation of Zone:27, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:18.4648 m



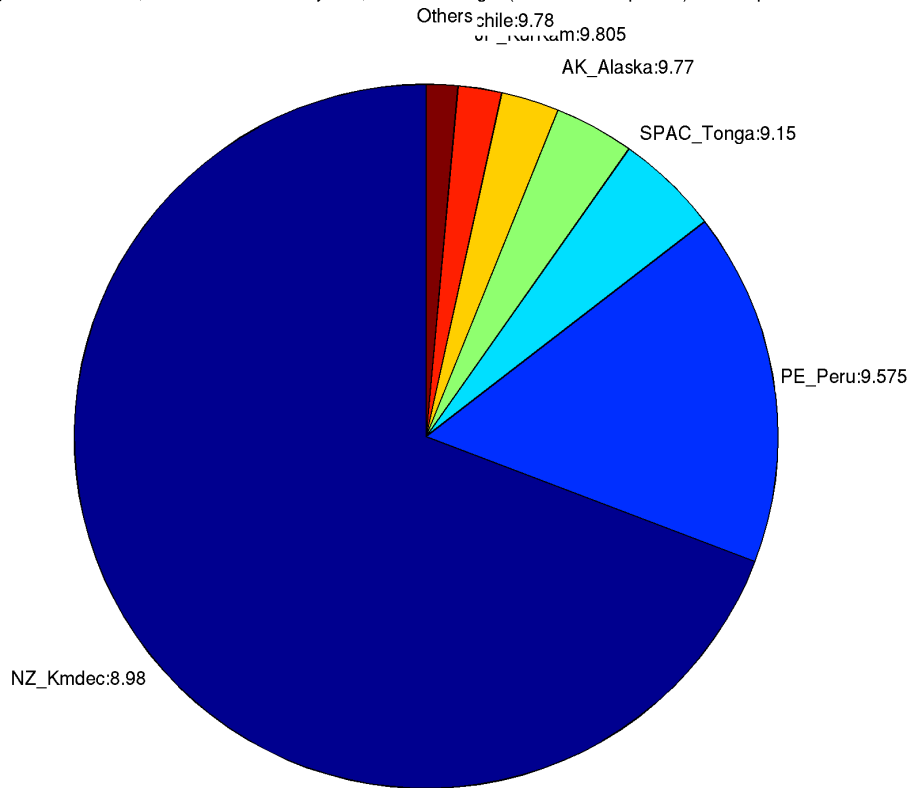
## 28. Oruawharo Bay



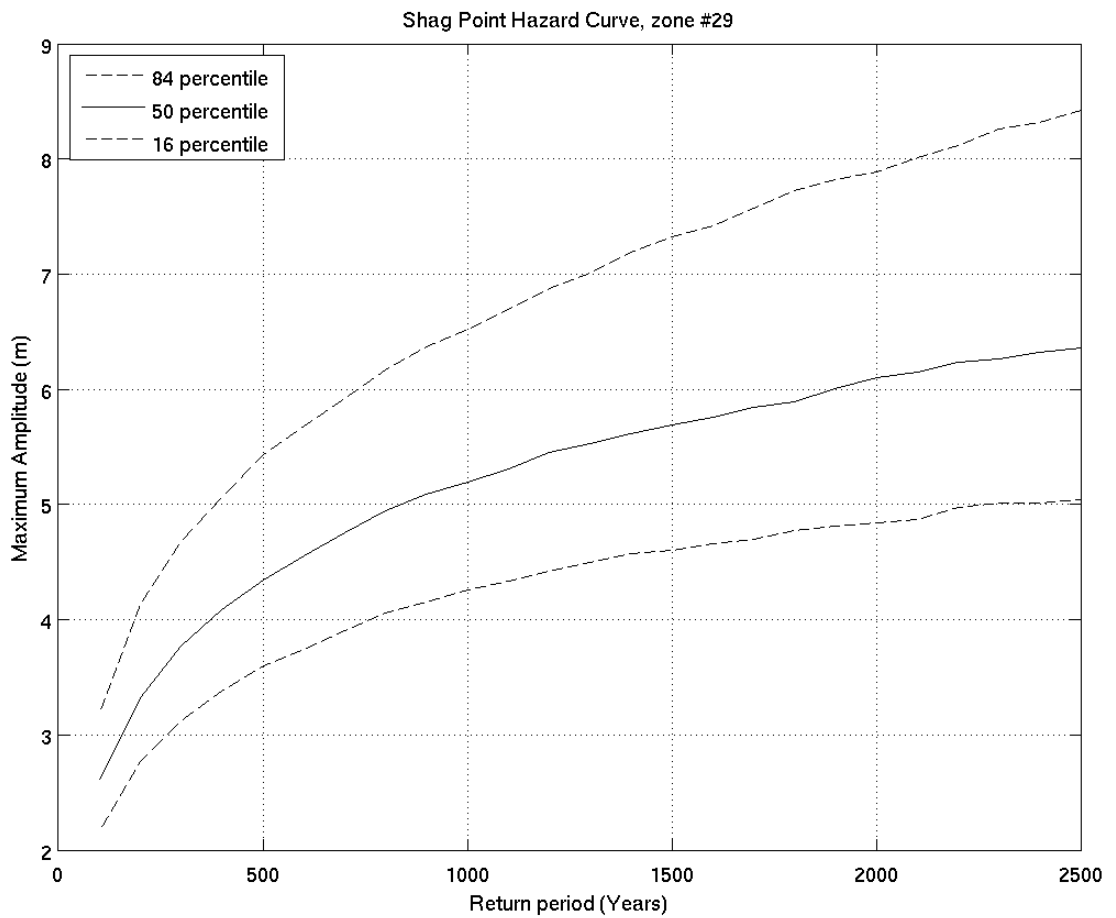
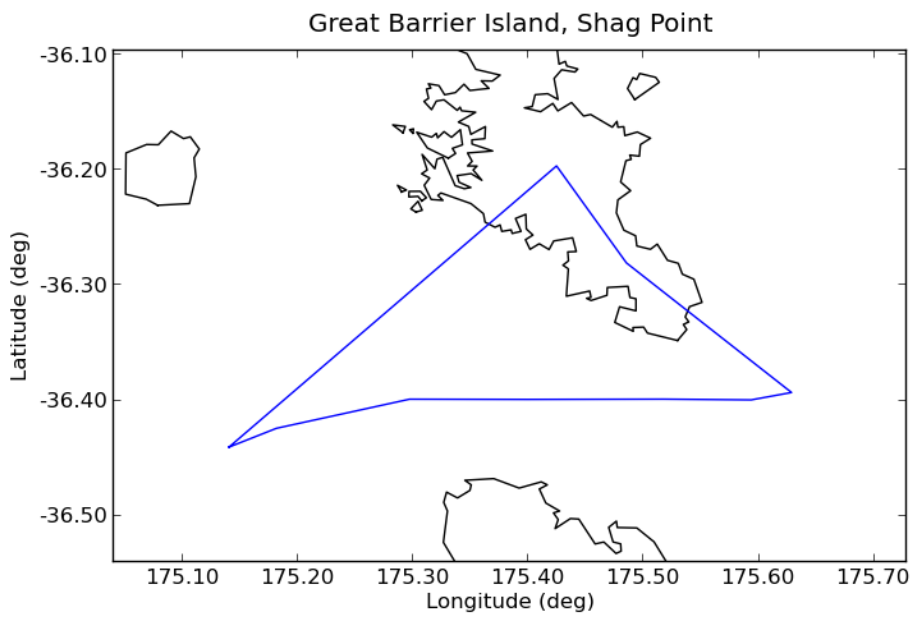
Deaggregation of Zone:28, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4879 m



Deaggregation of Zone:28, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.3367 m

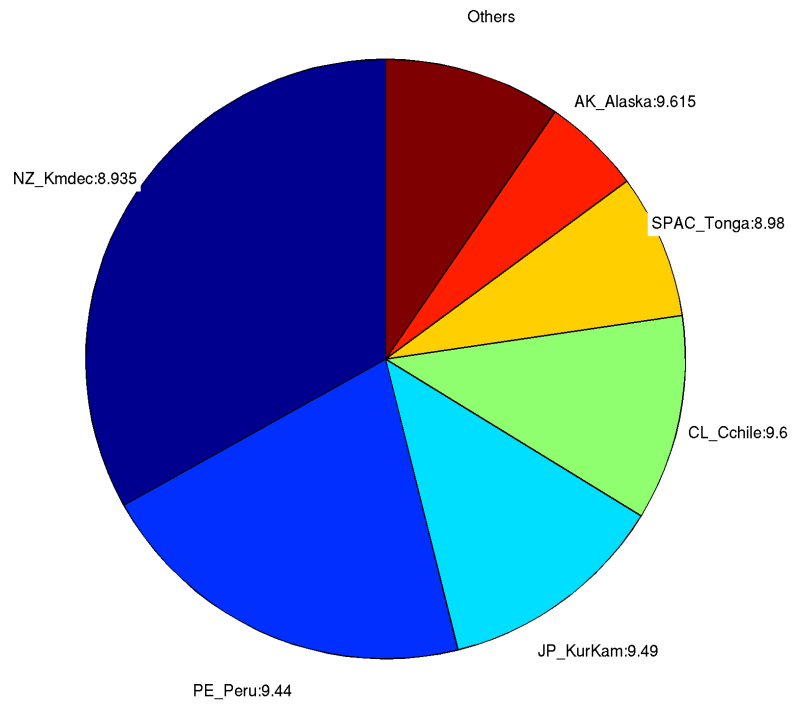


## 29. Shag Point

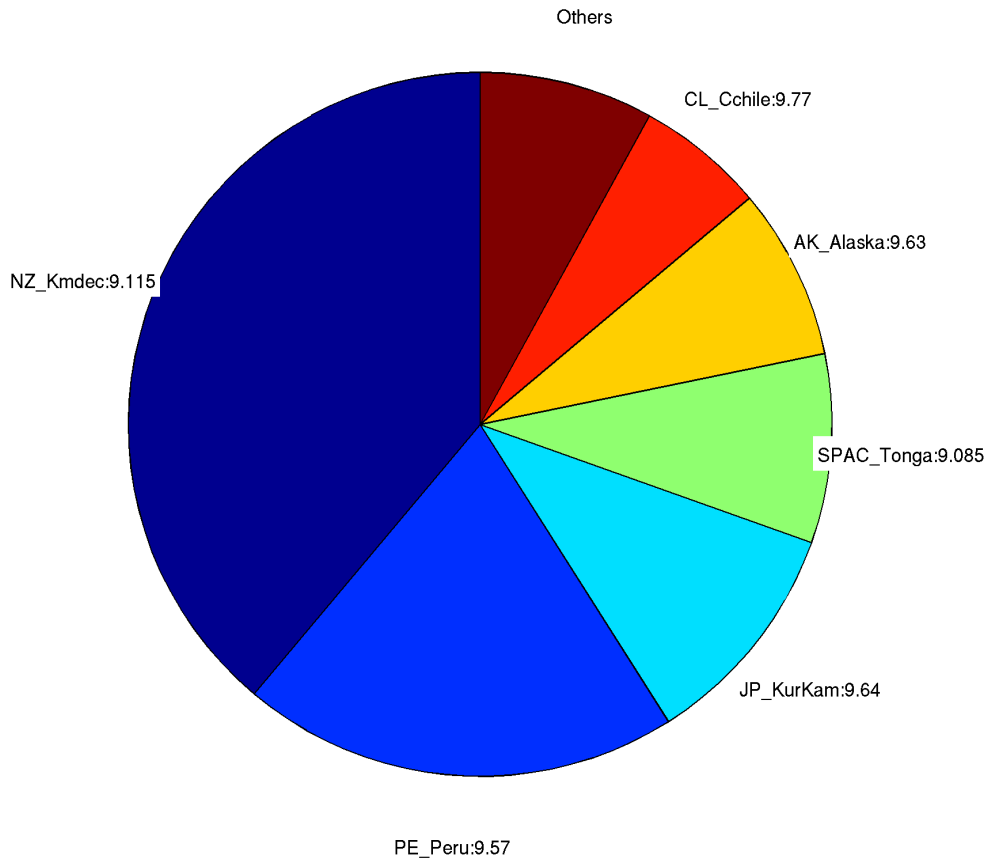




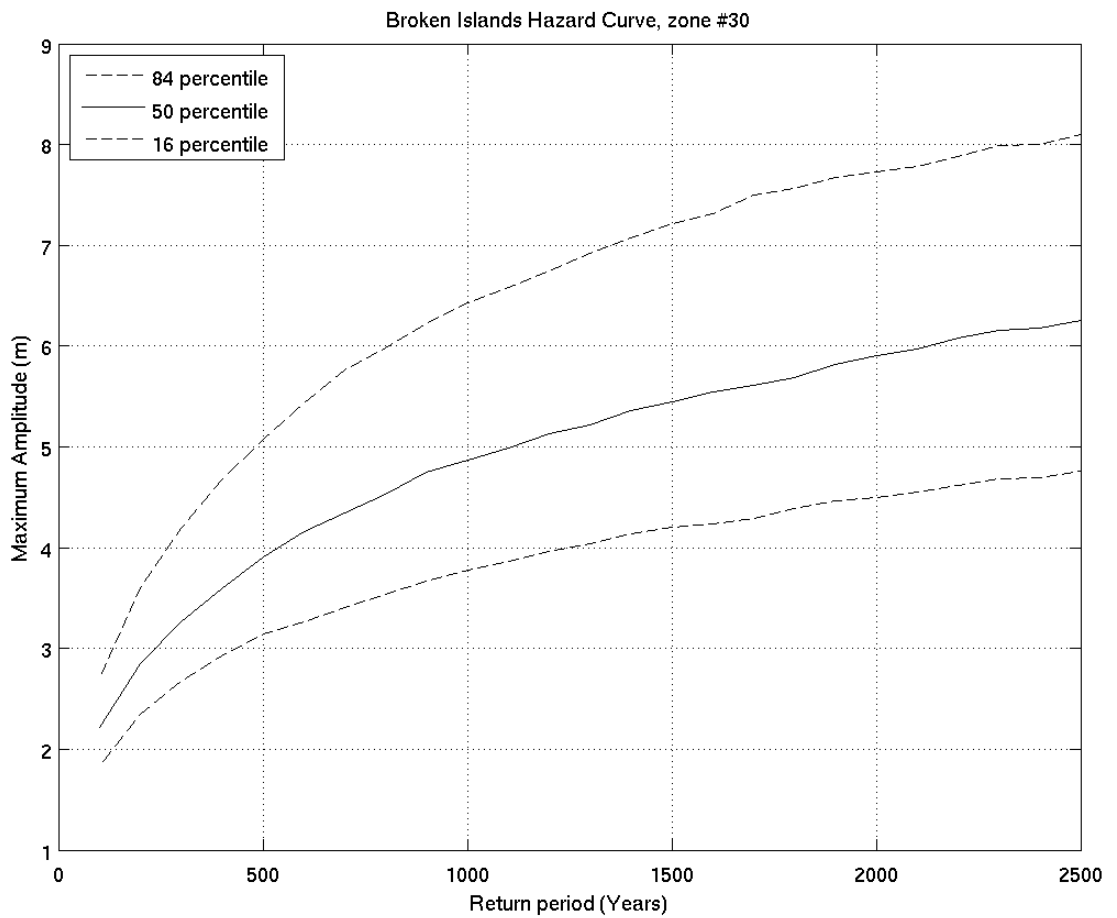
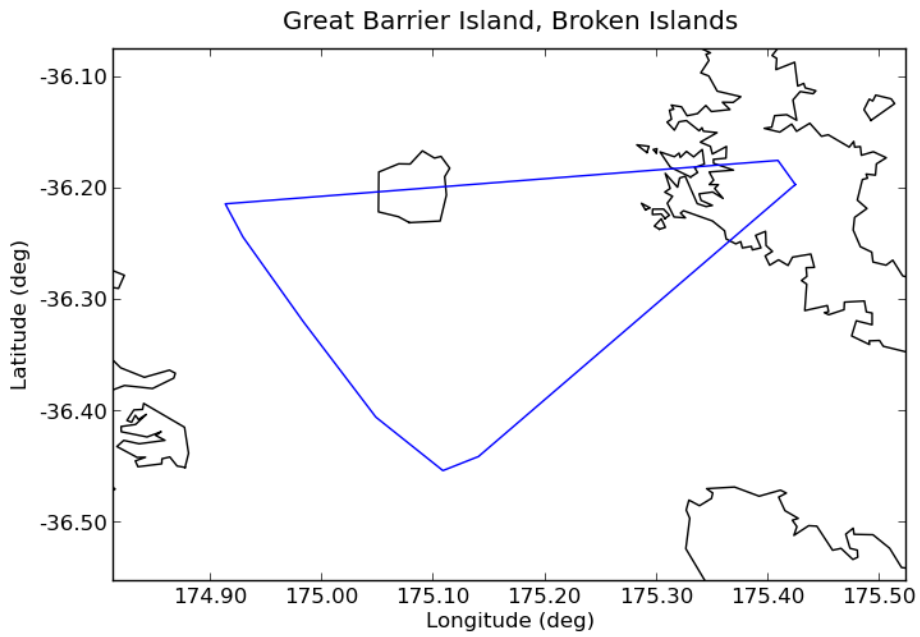
Deaggregation of Zone:29, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.3338 m



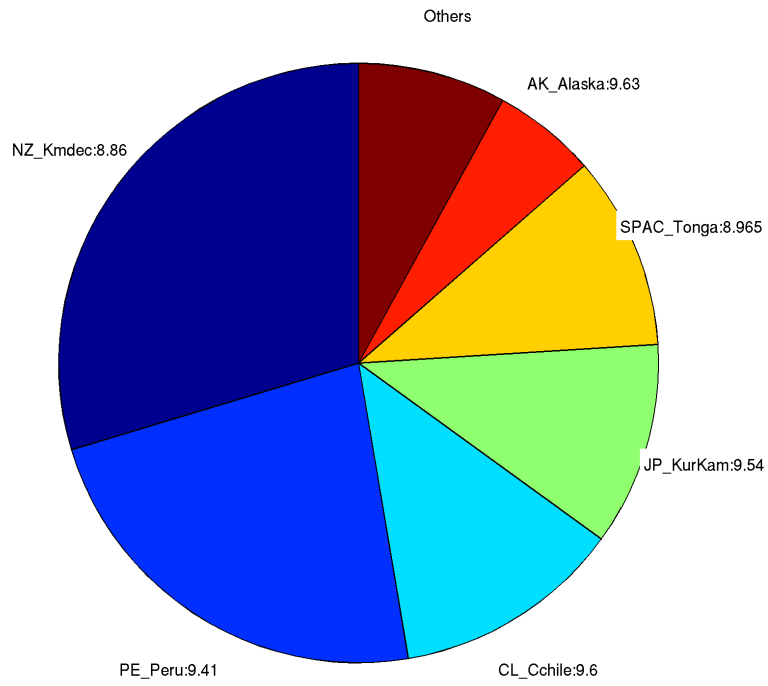
Deaggregation of Zone:29, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.3555 m



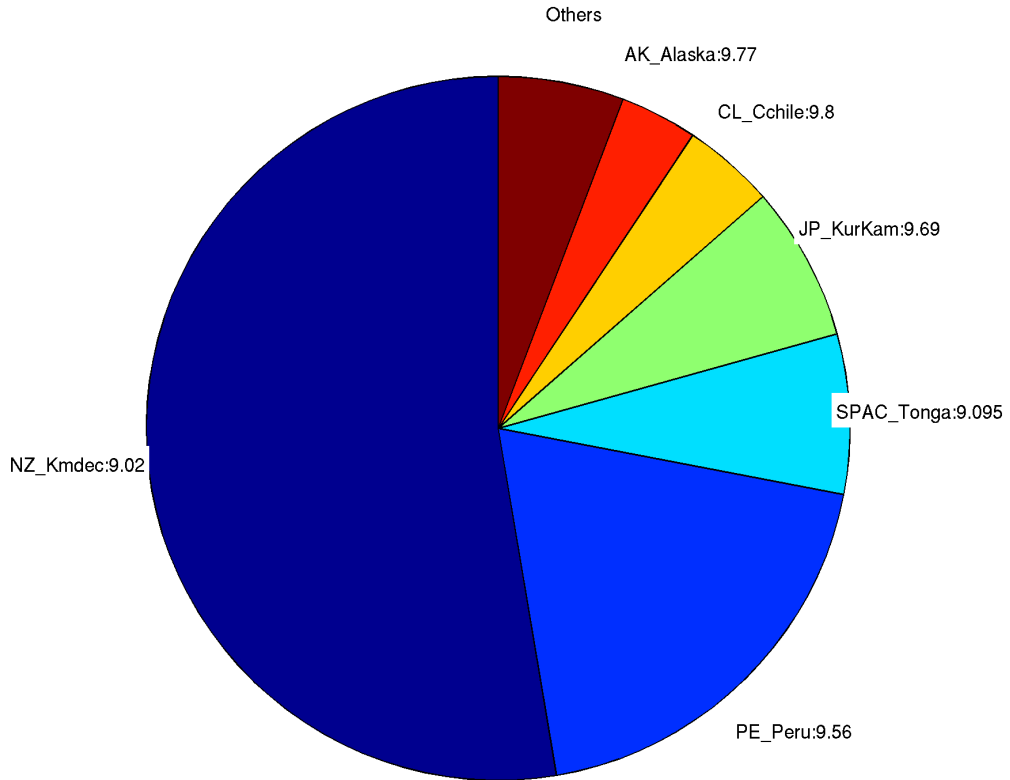
### 30. Broken Islands



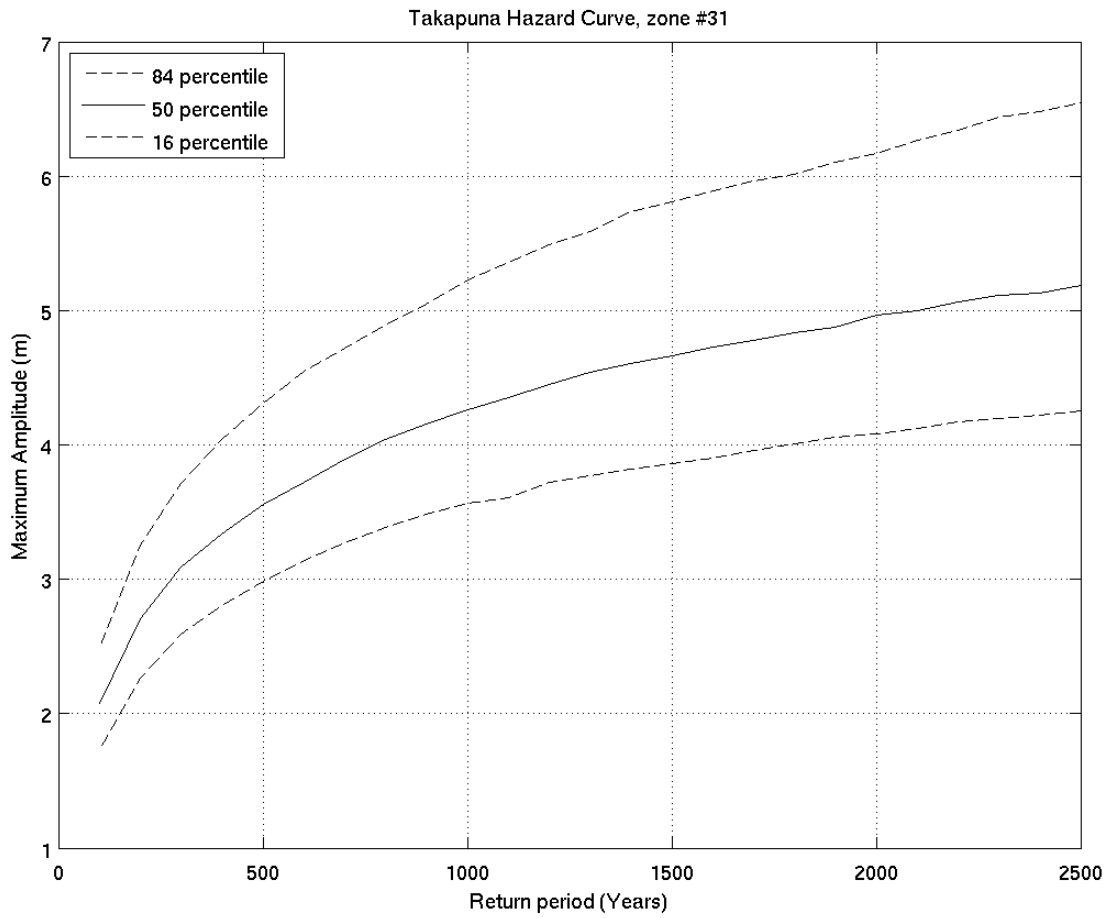
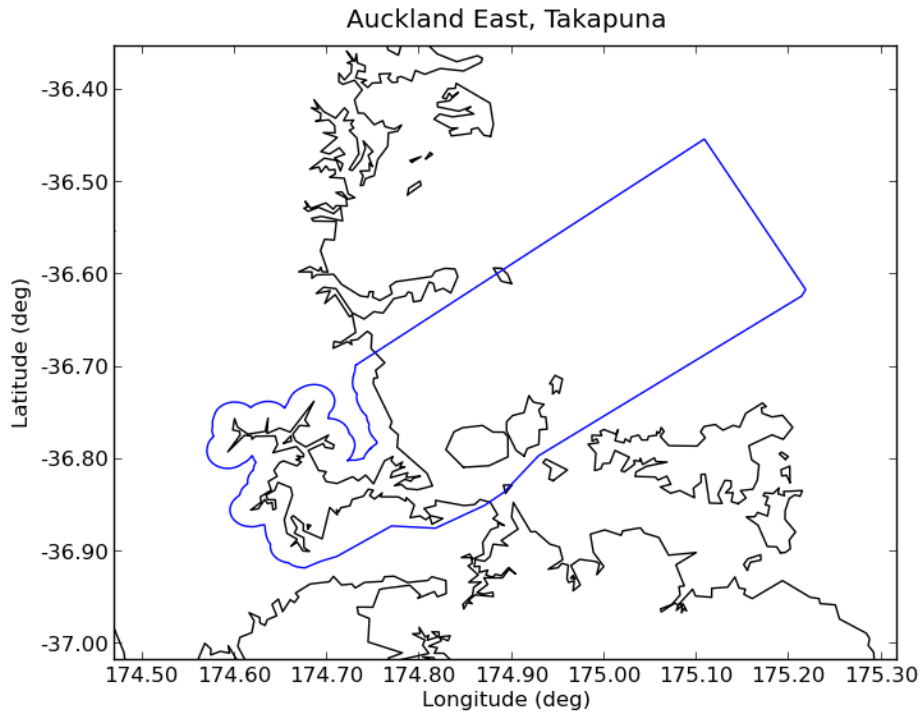
Deaggregation of Zone:30, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.9038 m



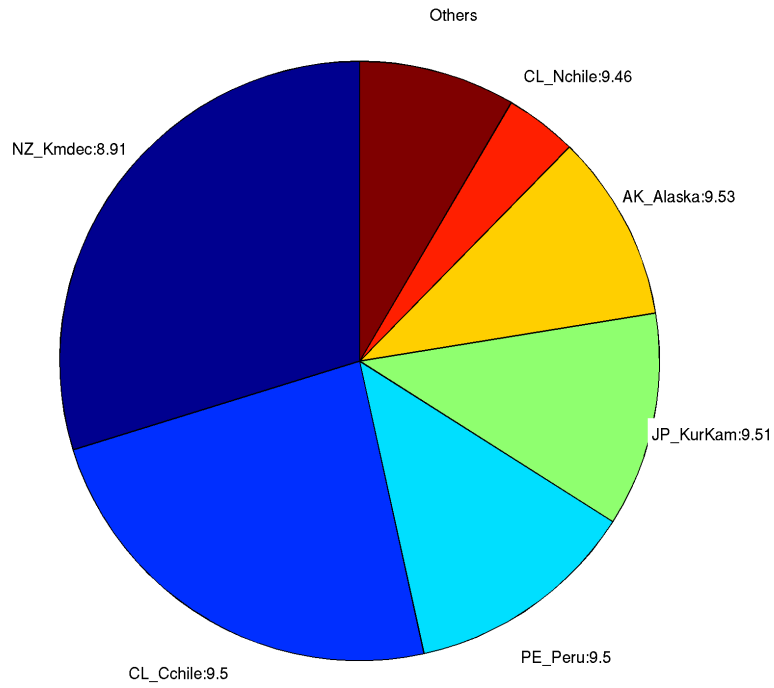
Deaggregation of Zone:30, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.238 m



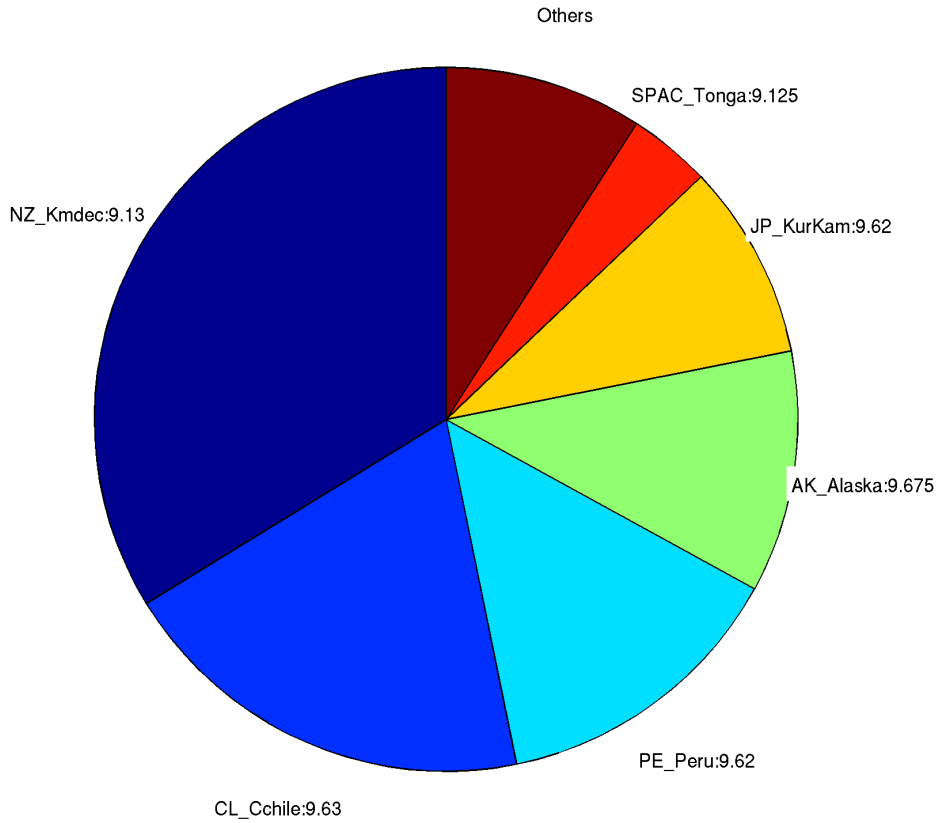
### 31. Takapuna



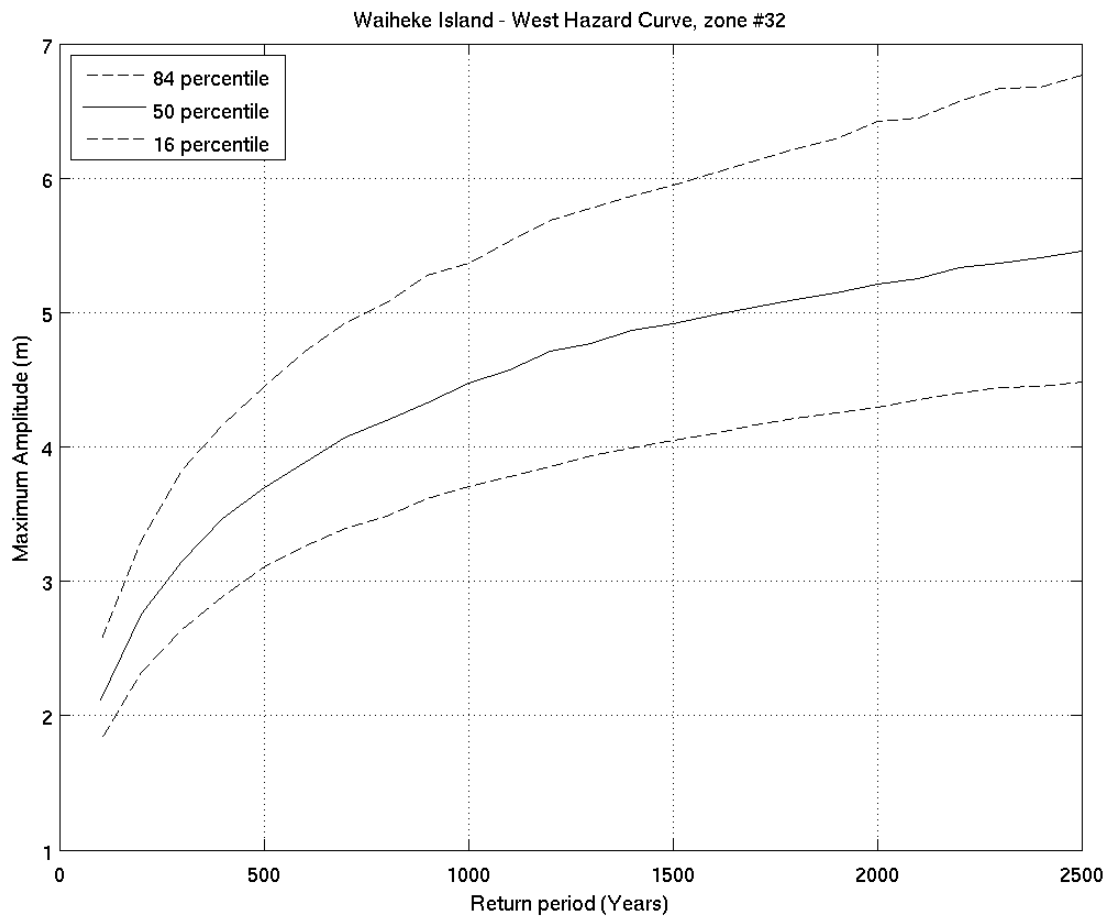
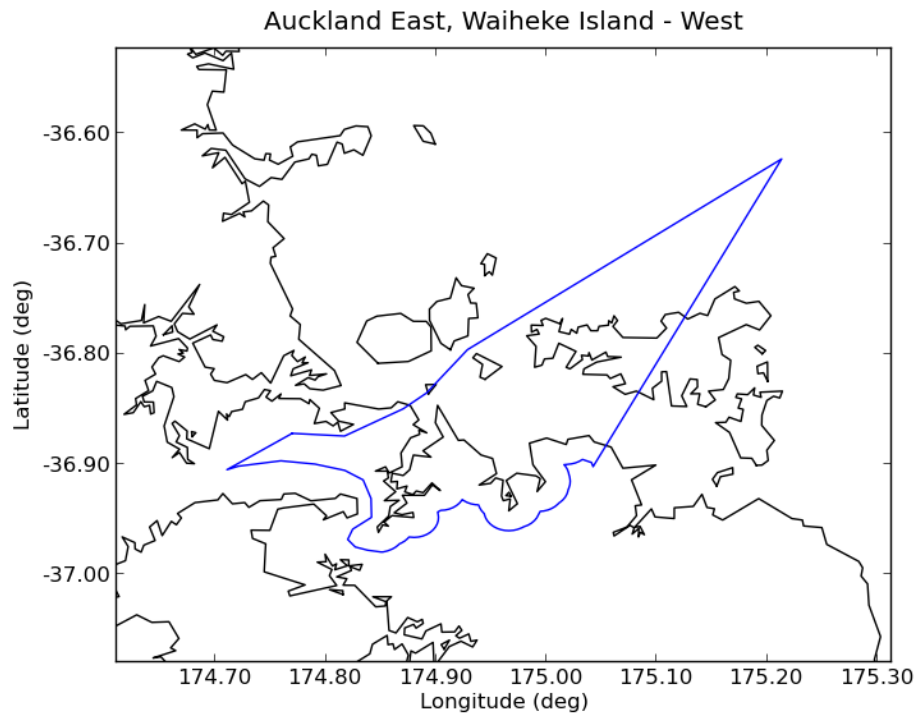
Deaggregation of Zone:31, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5531 m



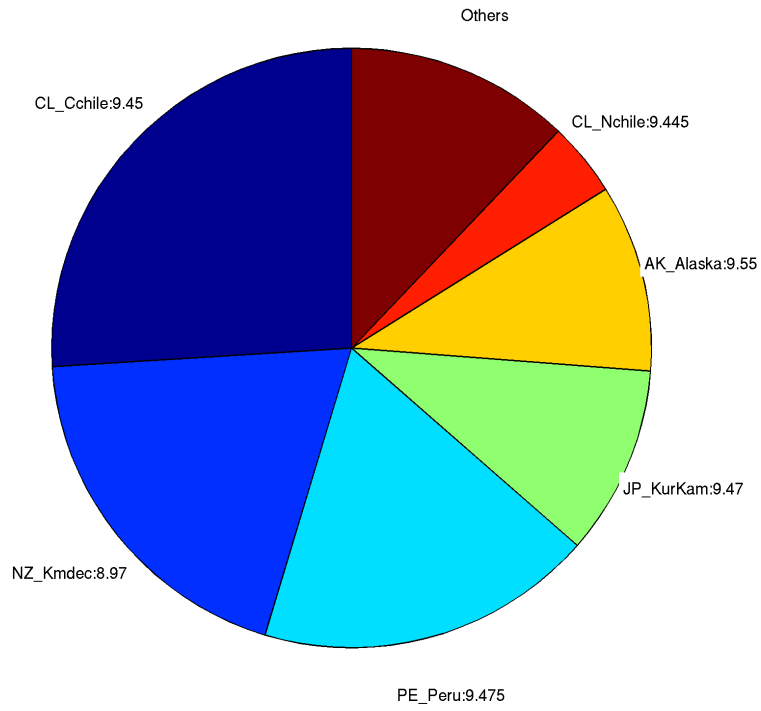
Deaggregation of Zone:31, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1864 m



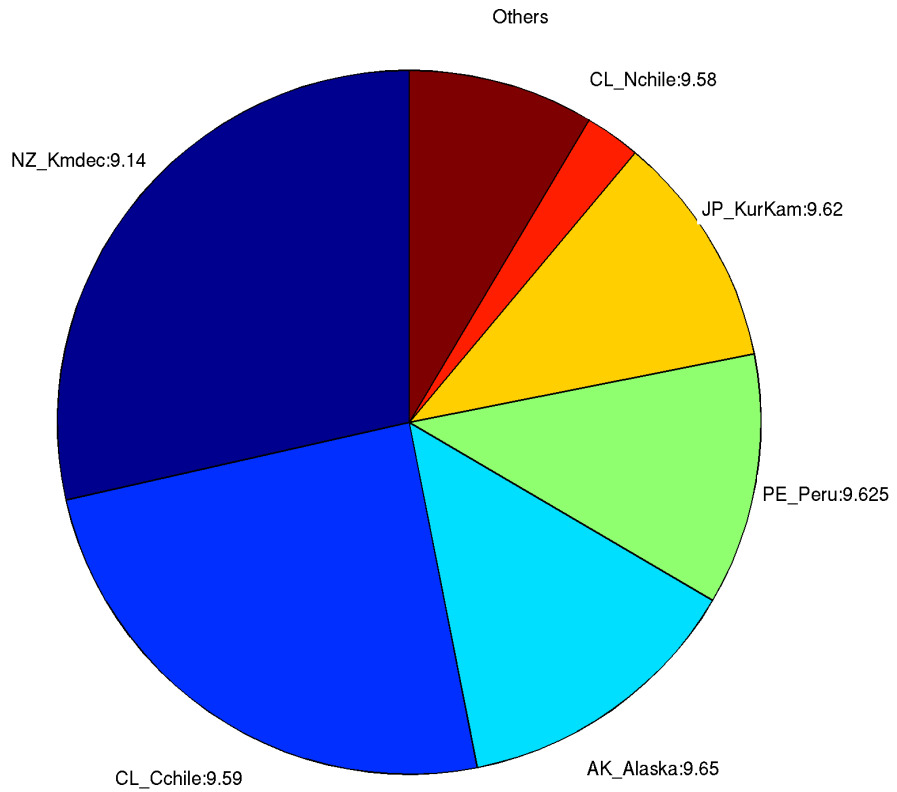
### 32. Waiheke Island - West



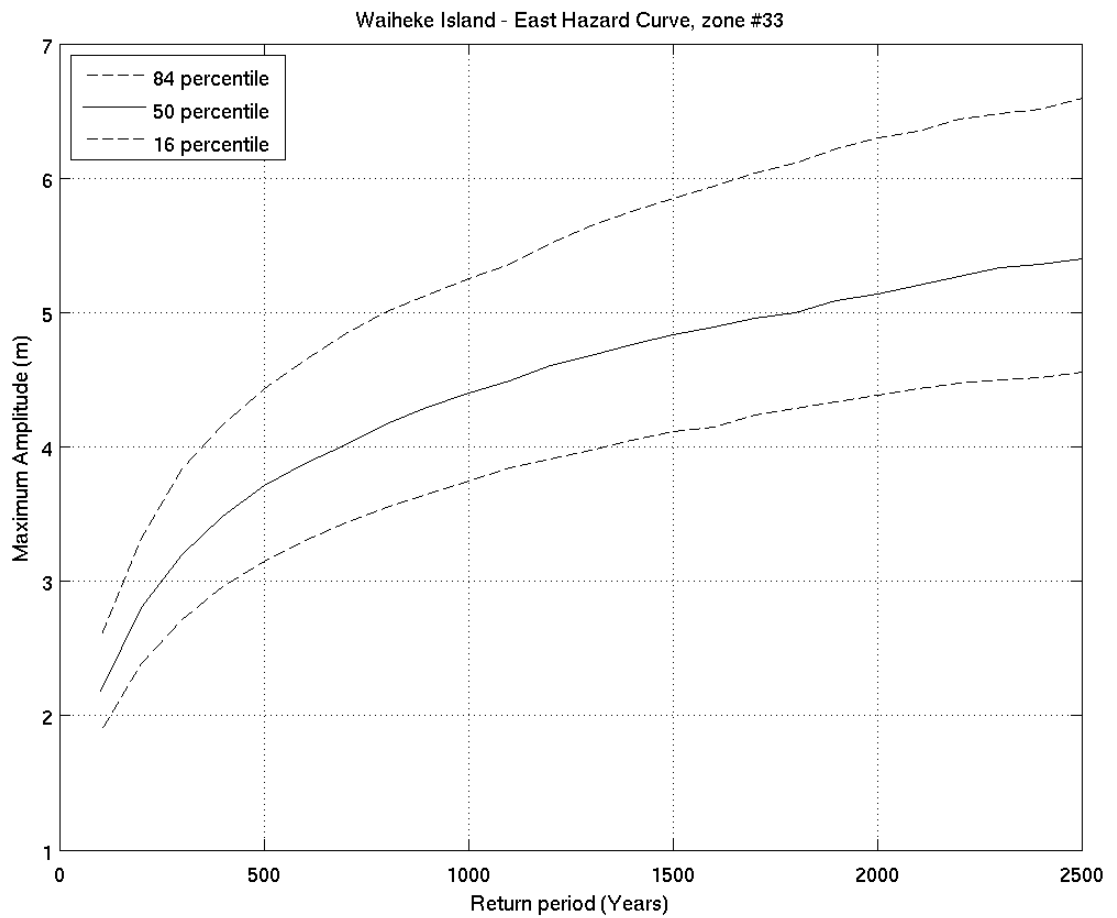
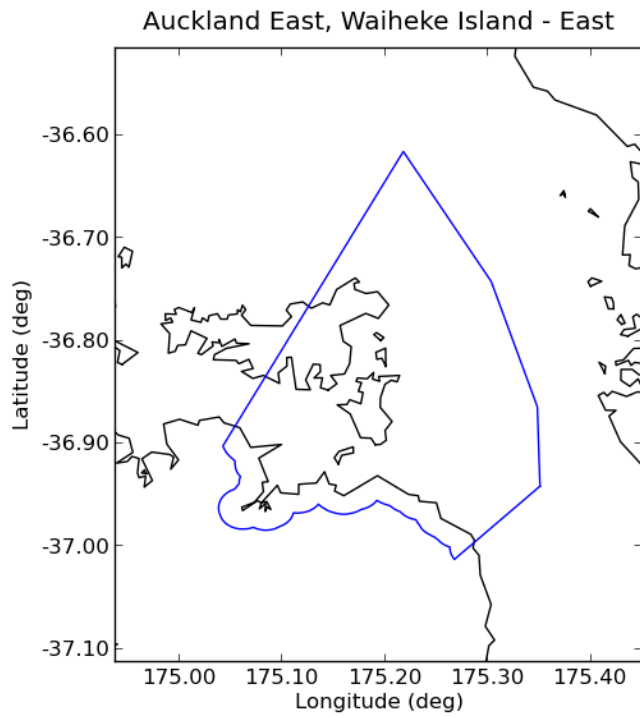
Deaggregation of Zone:32, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6952 m



Deaggregation of Zone:32, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4581 m

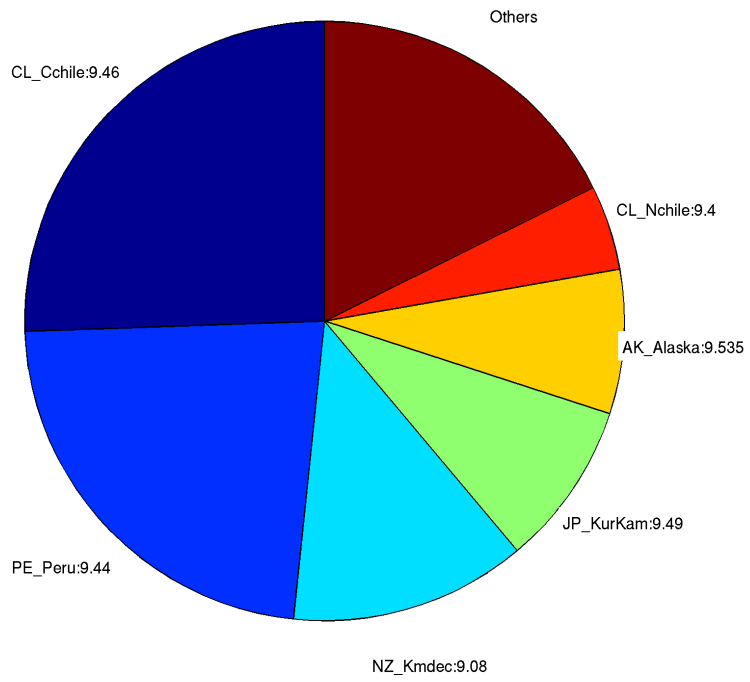


### 33. Waiheke Island - East

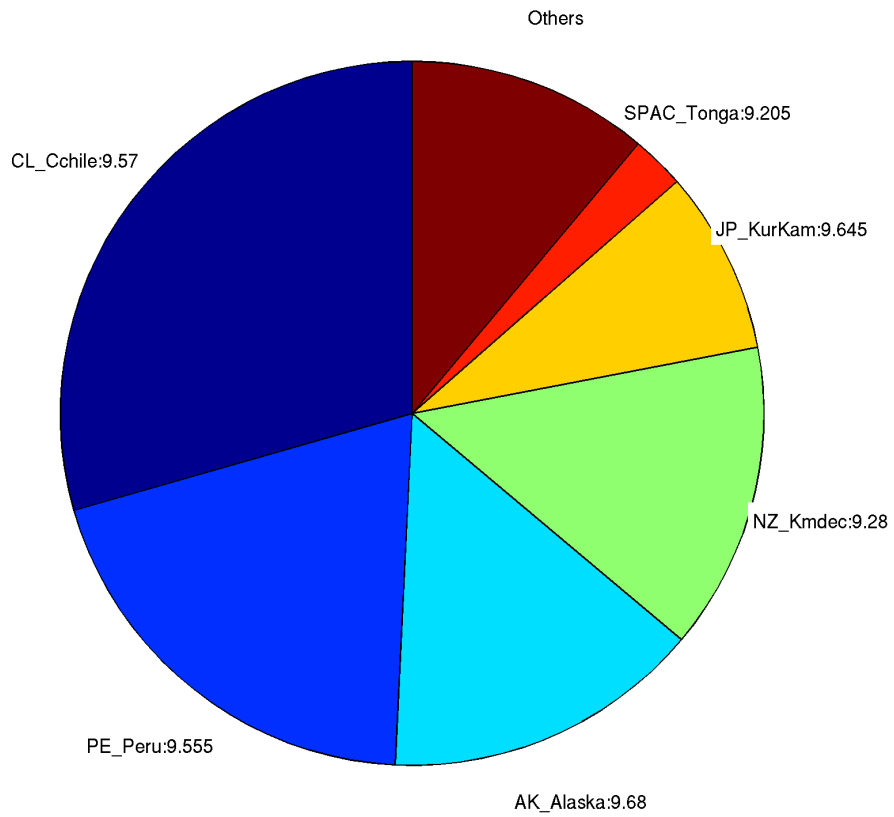




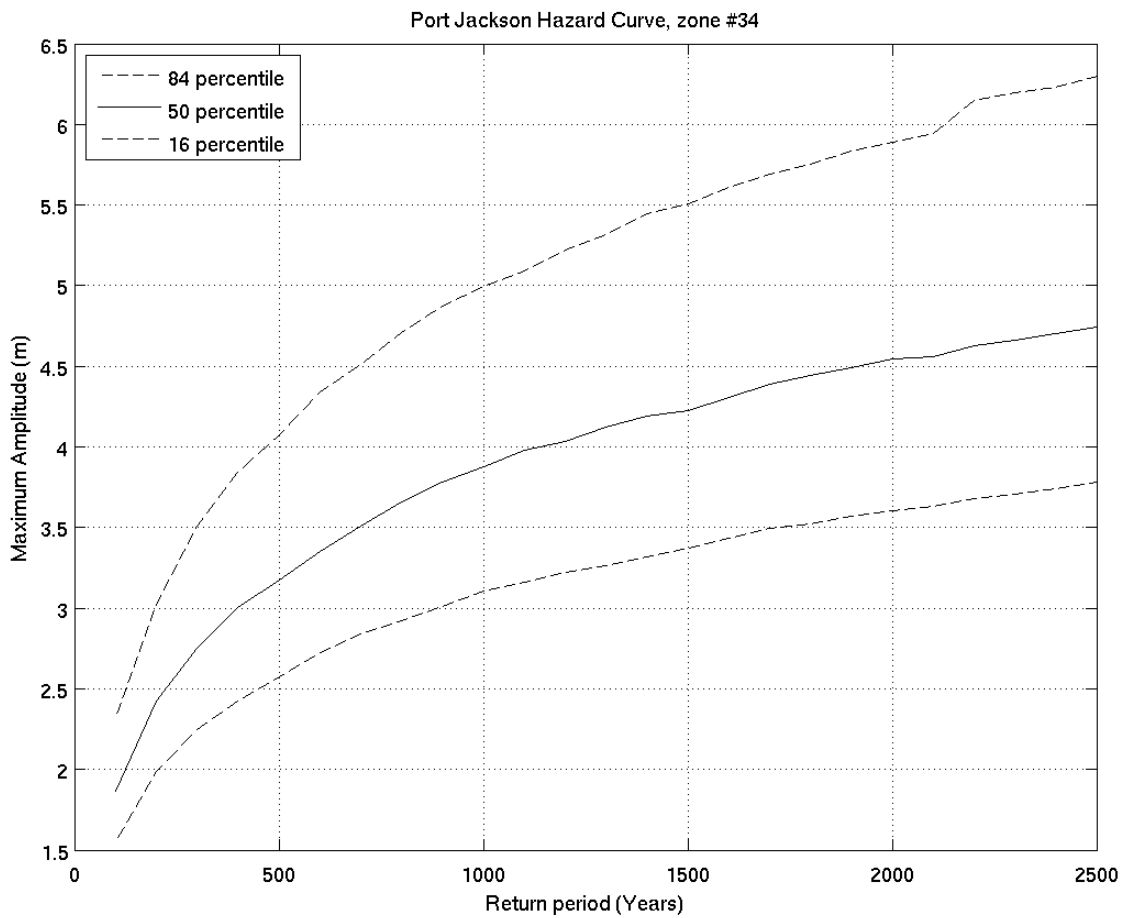
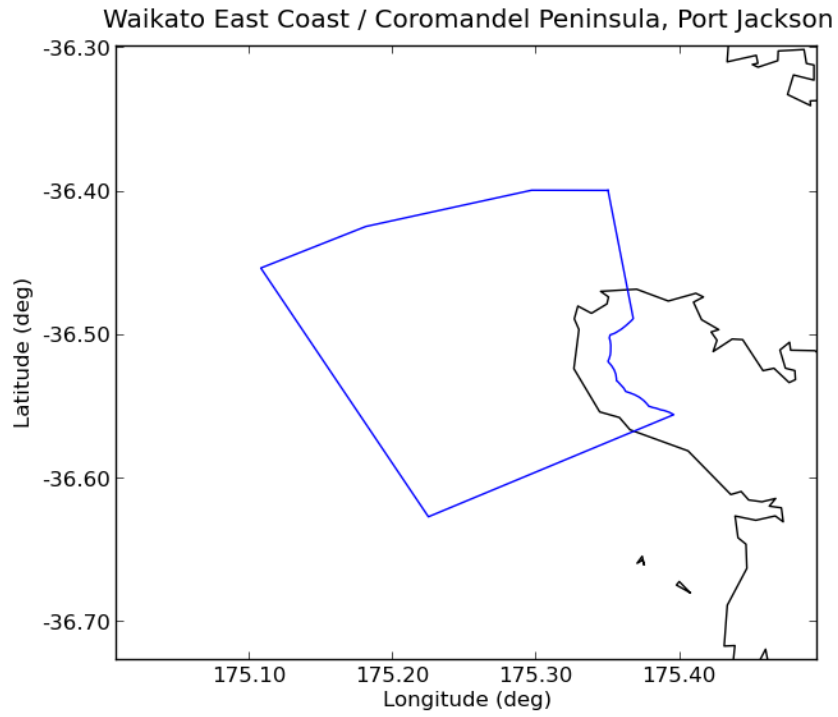
Deaggregation of Zone:33, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.7101 m



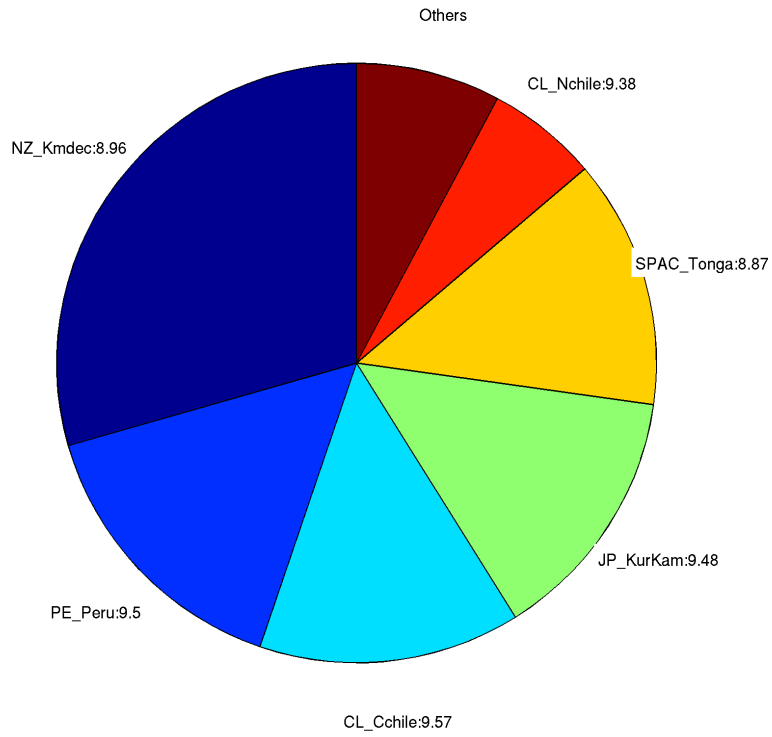
Deaggregation of Zone:33, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3998 m



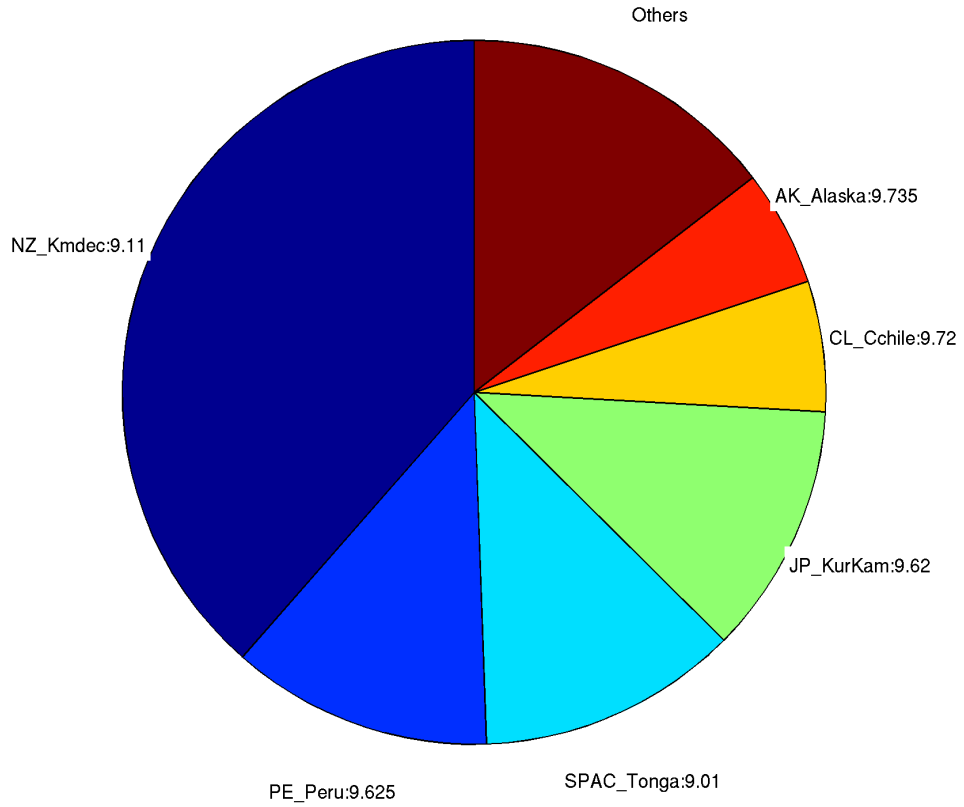
### 34. Port Jackson



Deaggregation of Zone:34, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.1735 m

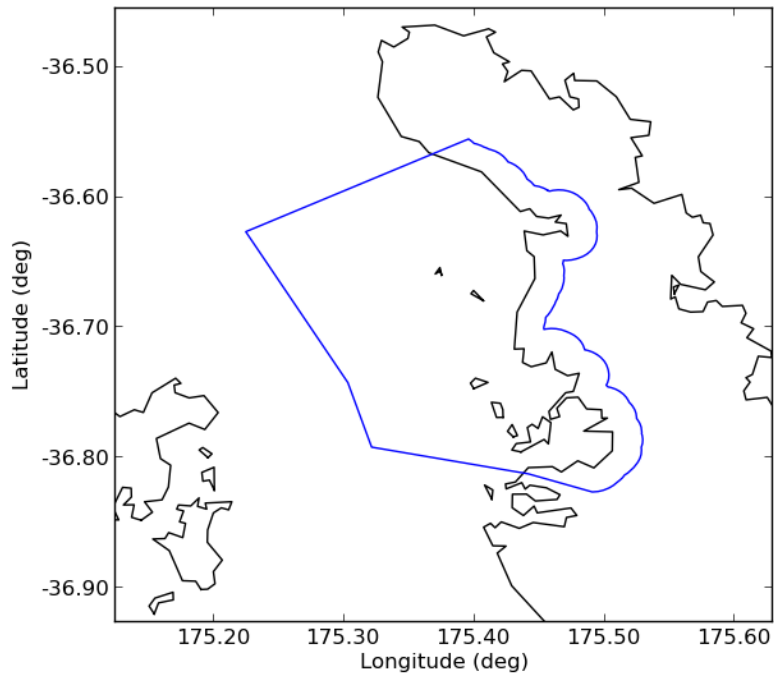


Deaggregation of Zone:34, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7443 m

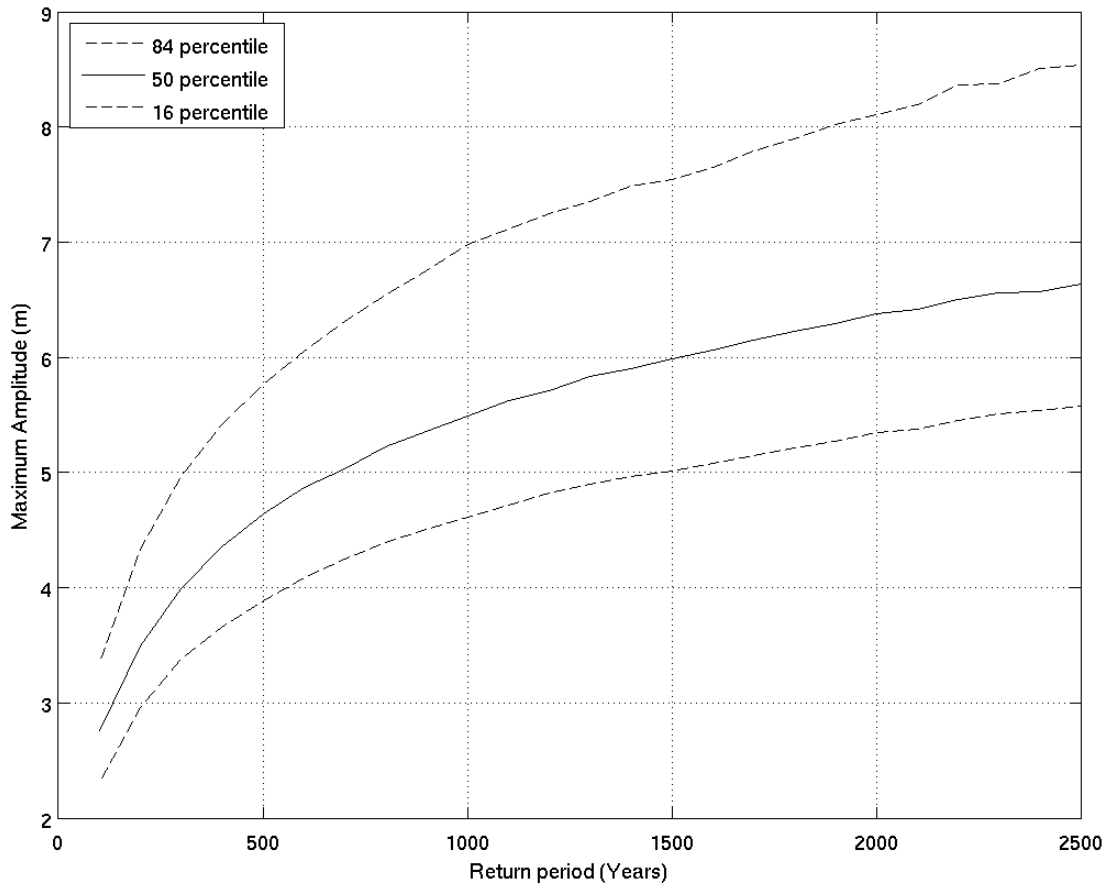


### 35. Coromandel

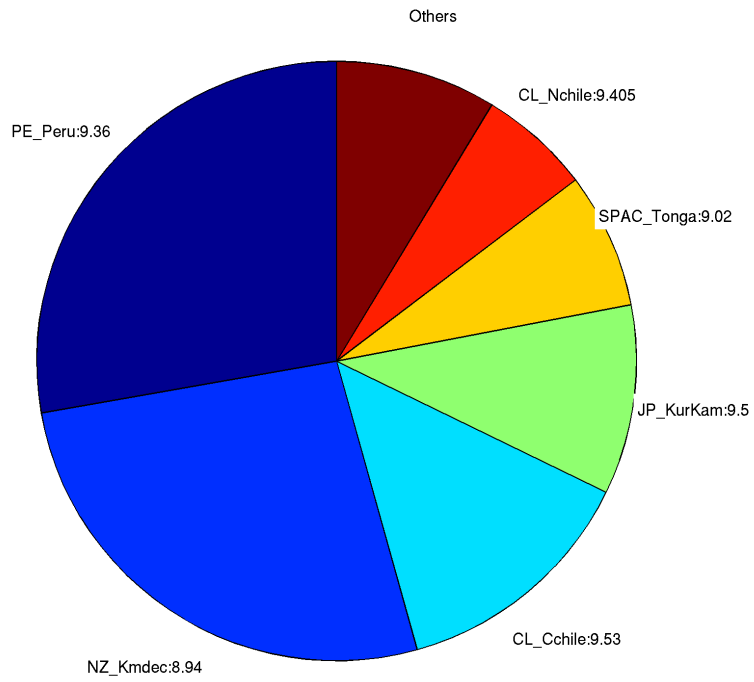
Waikato East Coast / Coromandel Peninsula, Coromandel



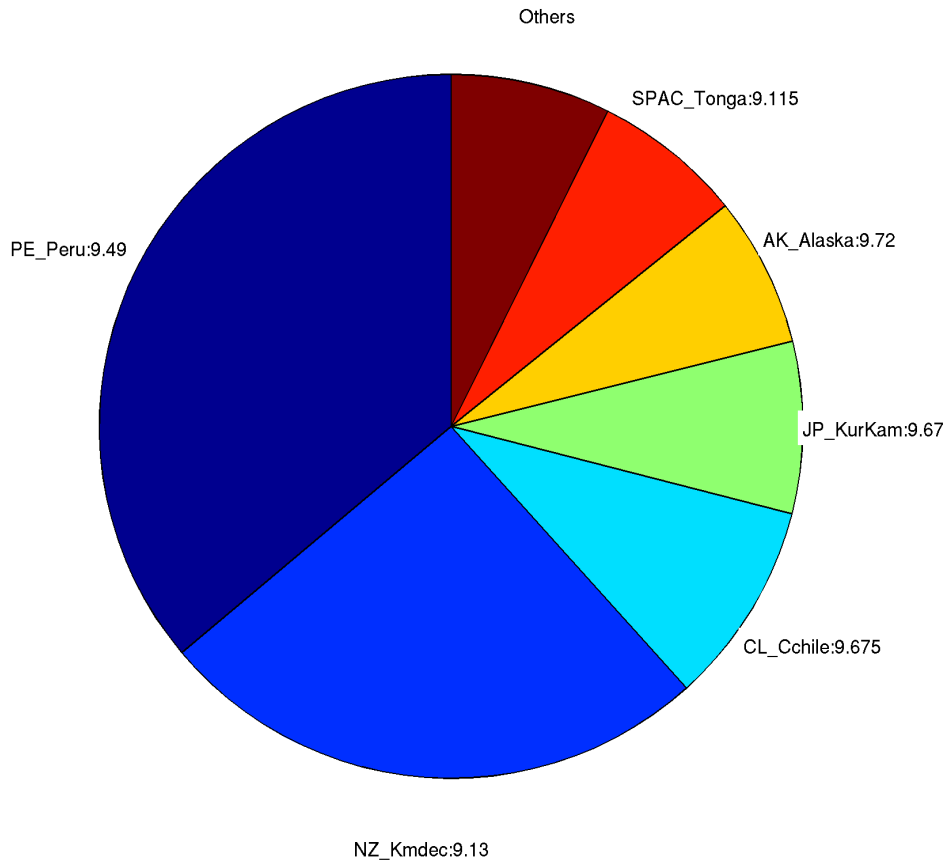
Coromandel Hazard Curve, zone #35



Deaggregation of Zone:35, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.633 m

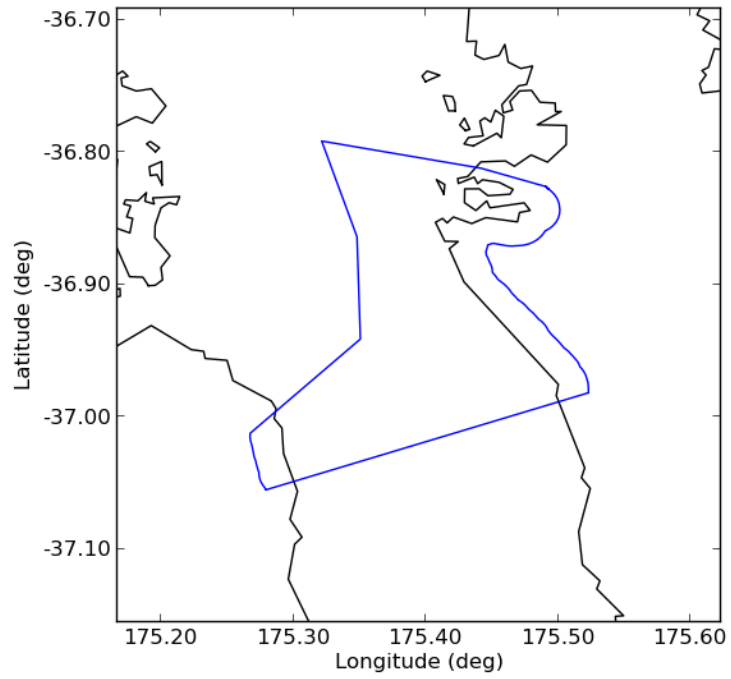


Deaggregation of Zone:35, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6367 m

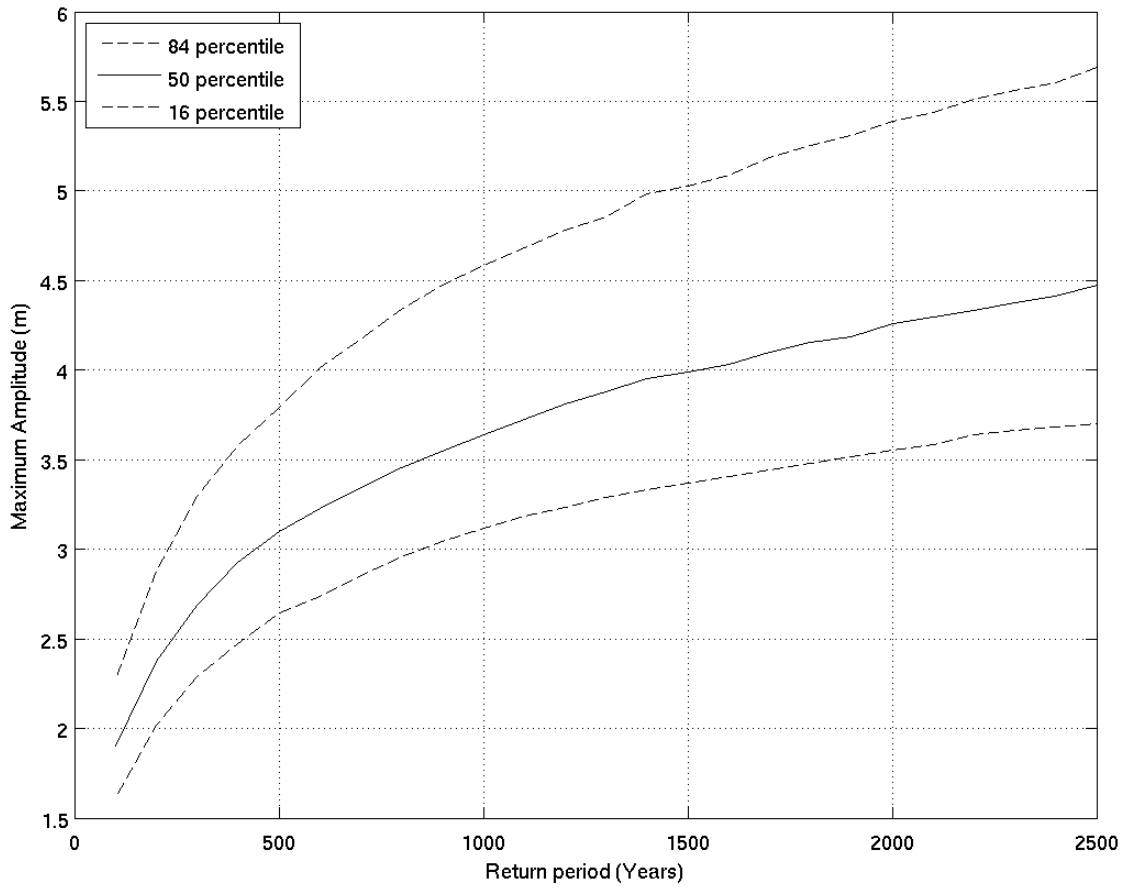


36. *Manaia*

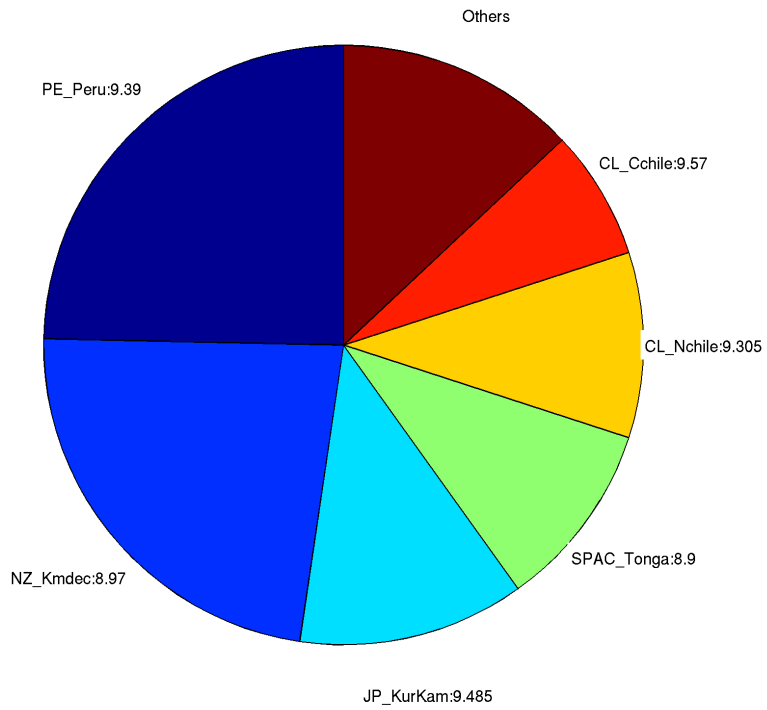
Waikato East Coast / Coromandel Peninsula, Manaia



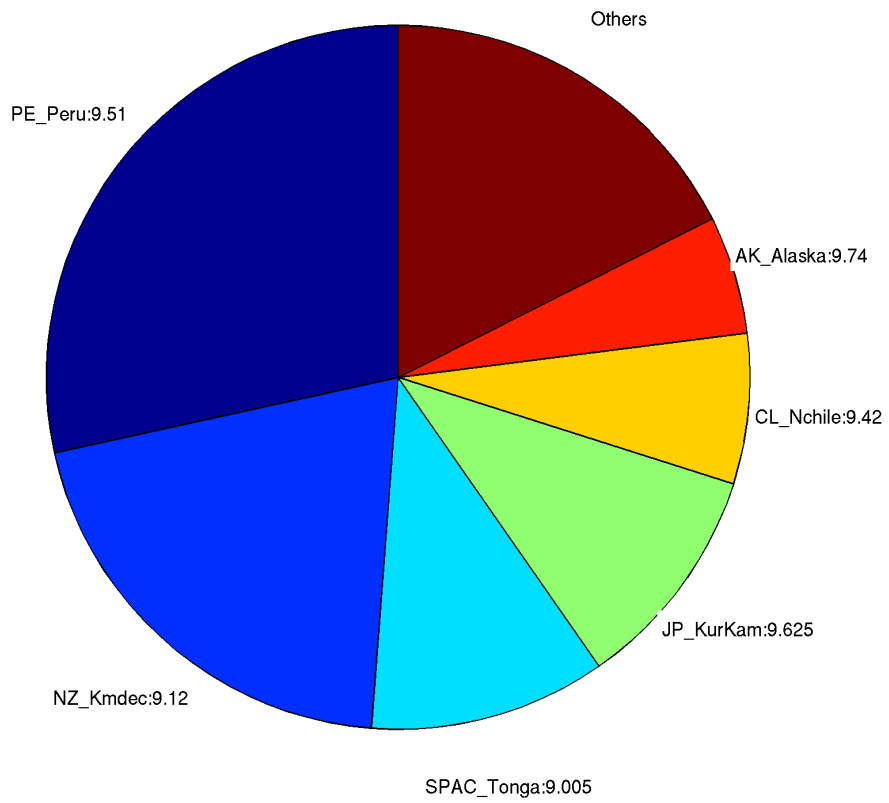
Manaia Hazard Curve, zone #36



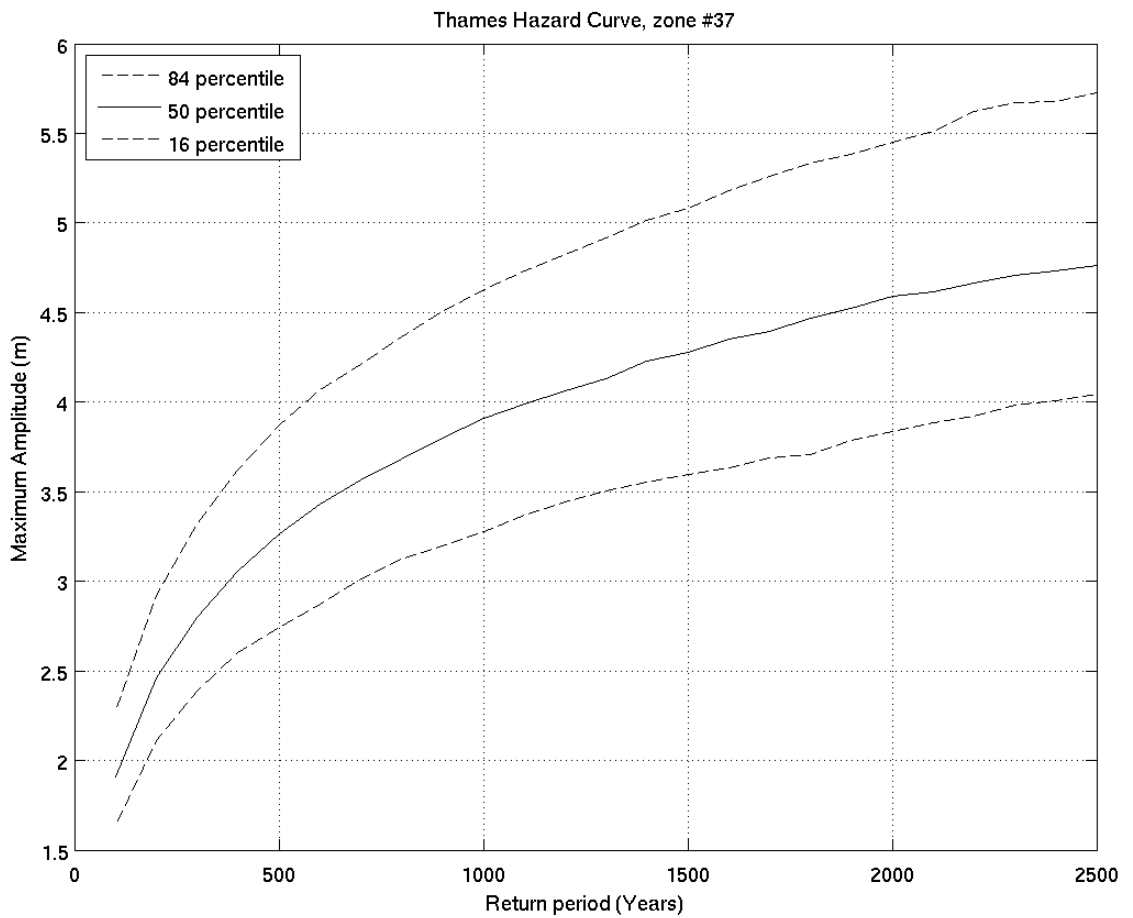
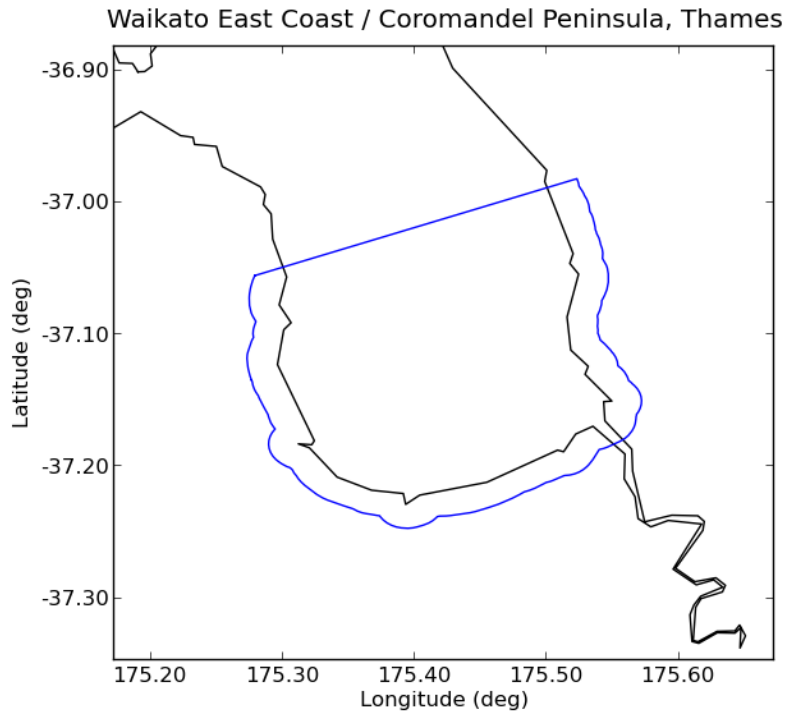
Deaggregation of Zone:36, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.0931 m



Deaggregation of Zone:36, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4678 m

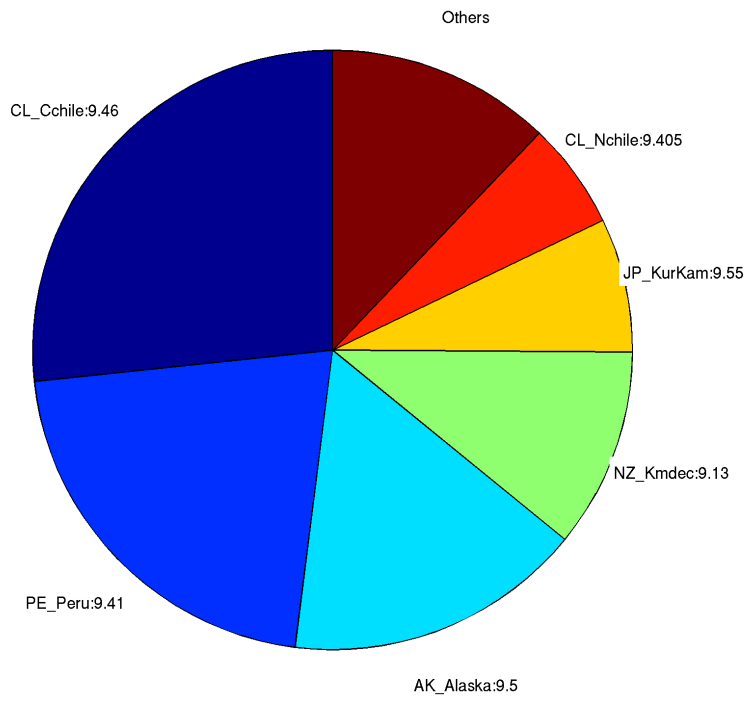


### 37. Thames

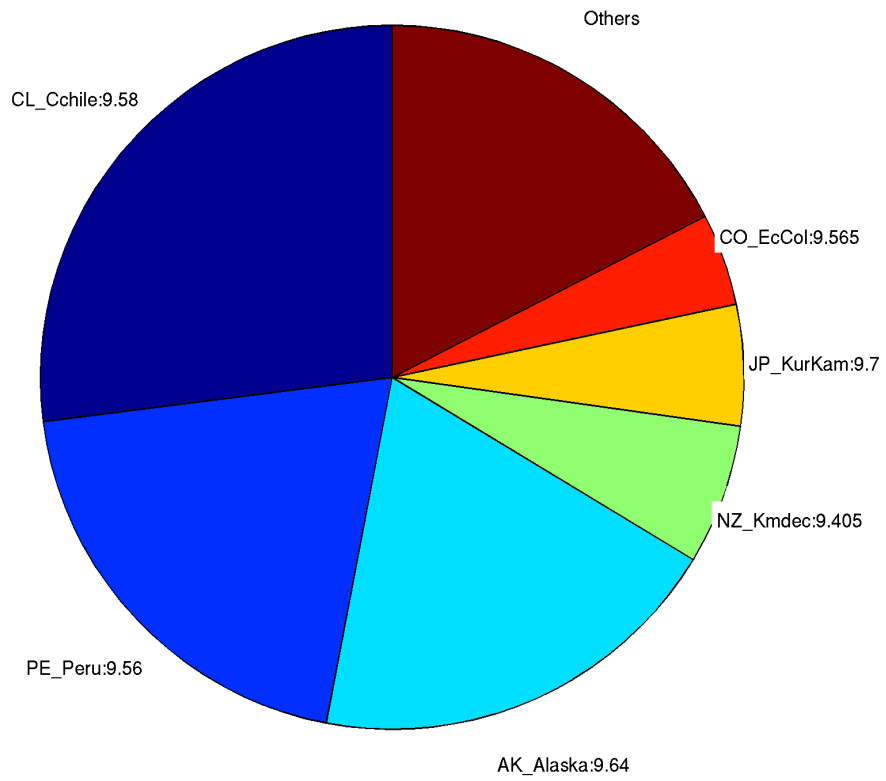




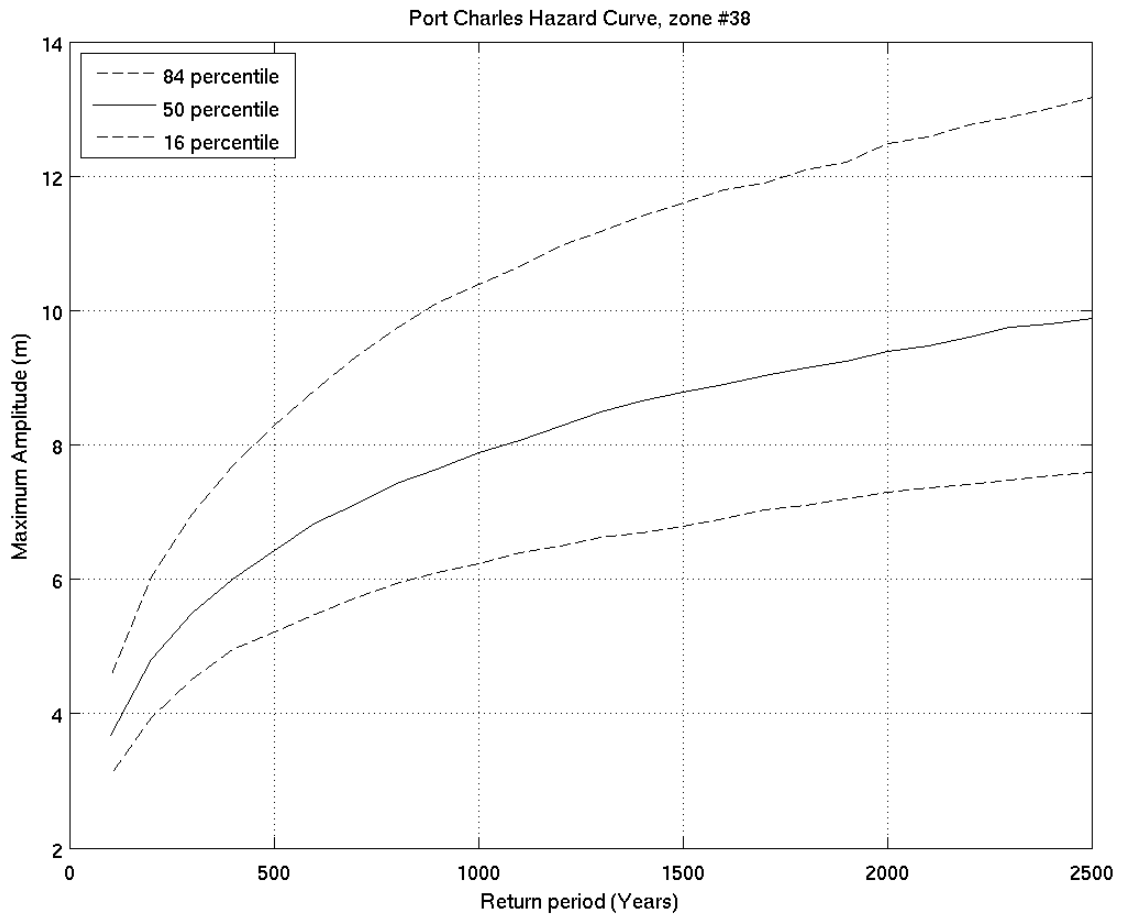
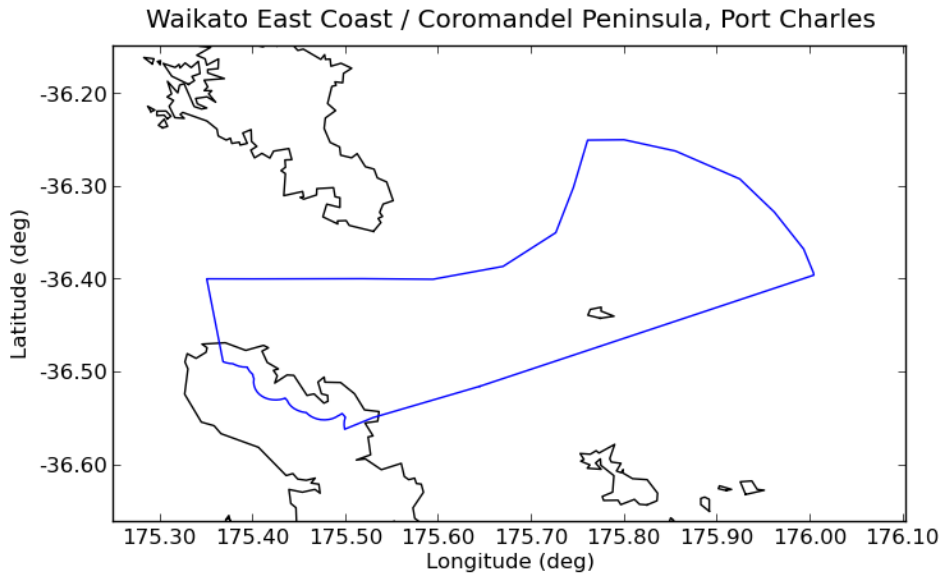
Deaggregation of Zone:37, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.2599 m



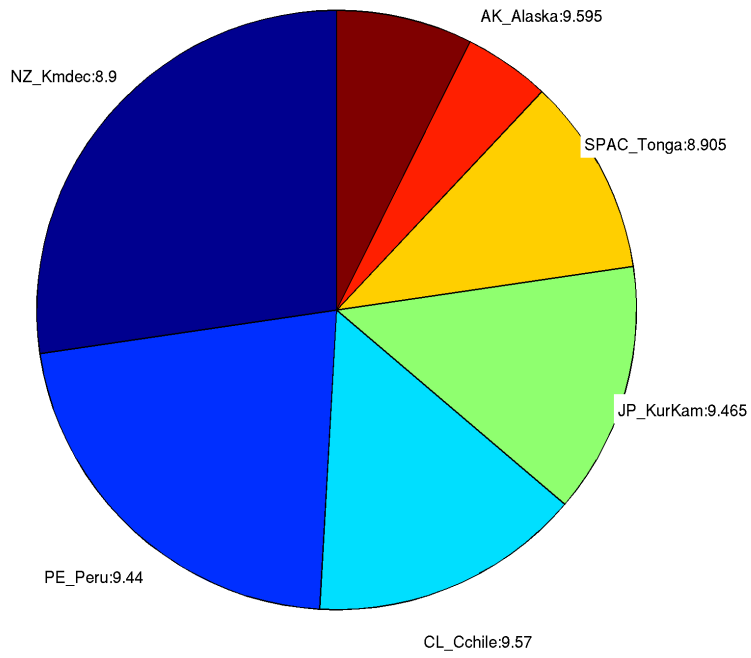
Deaggregation of Zone:37, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7634 m



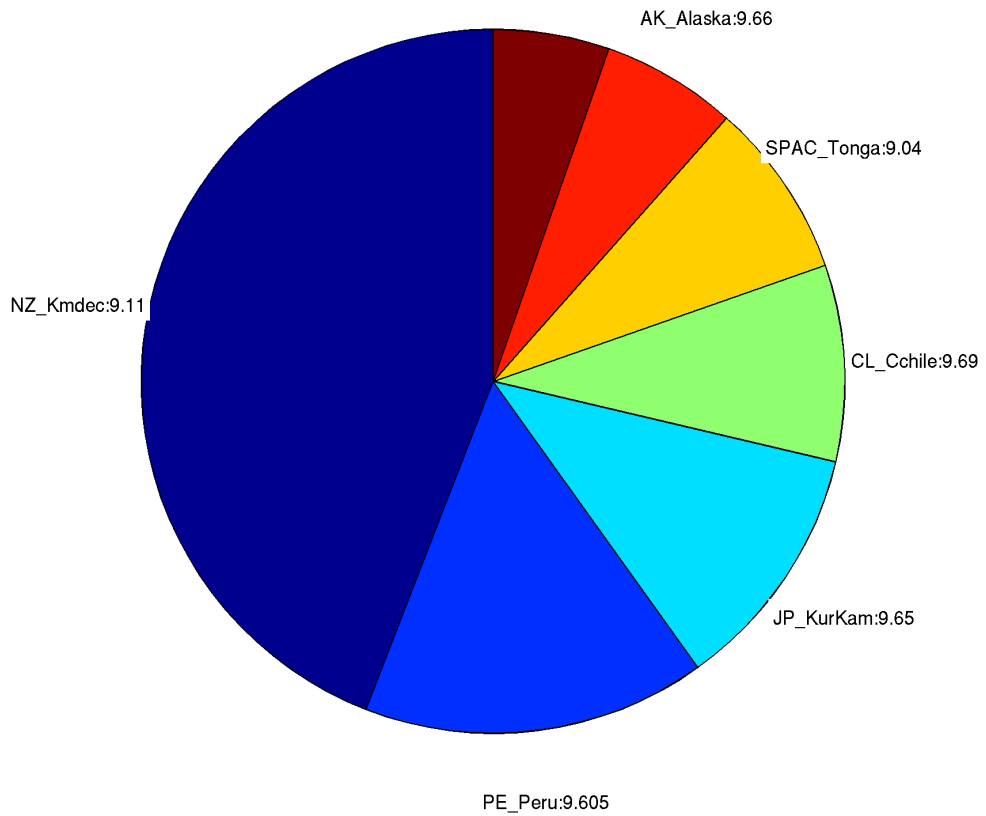
### 38. Port Charles



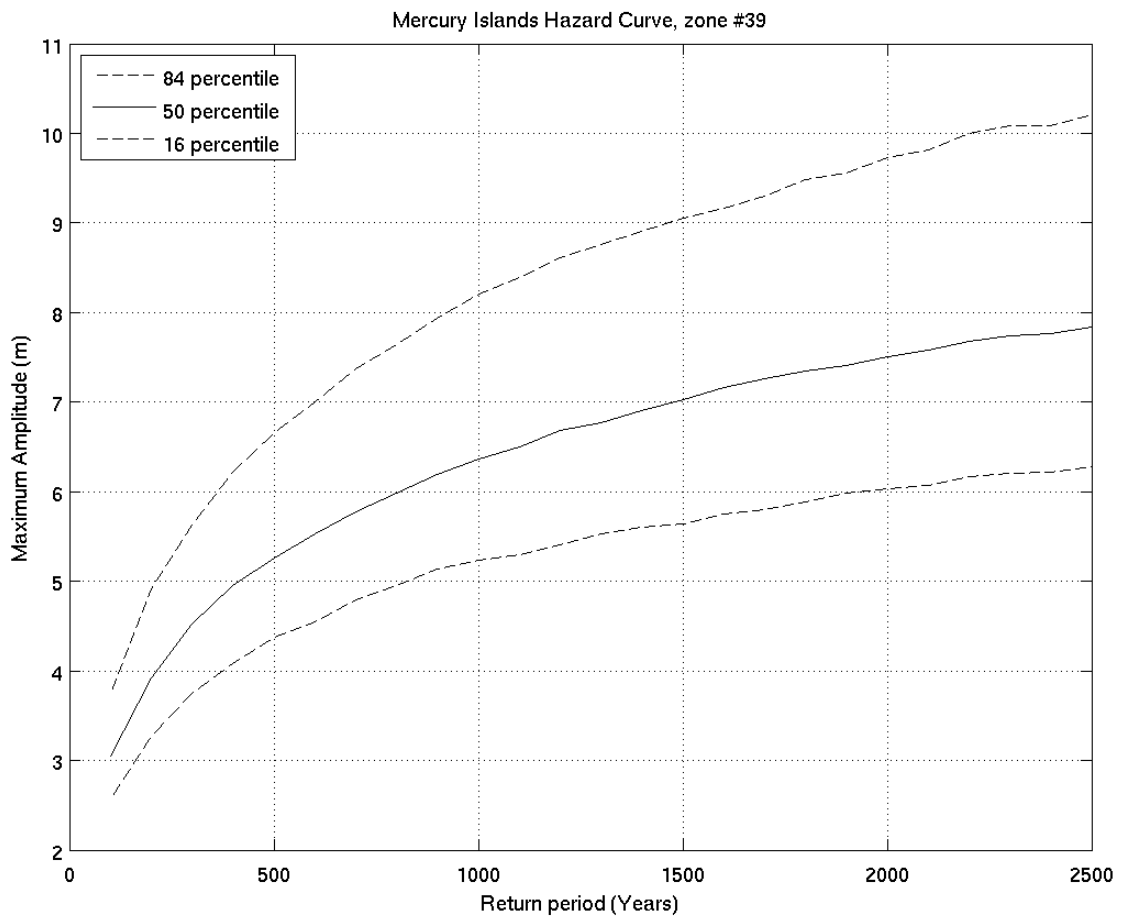
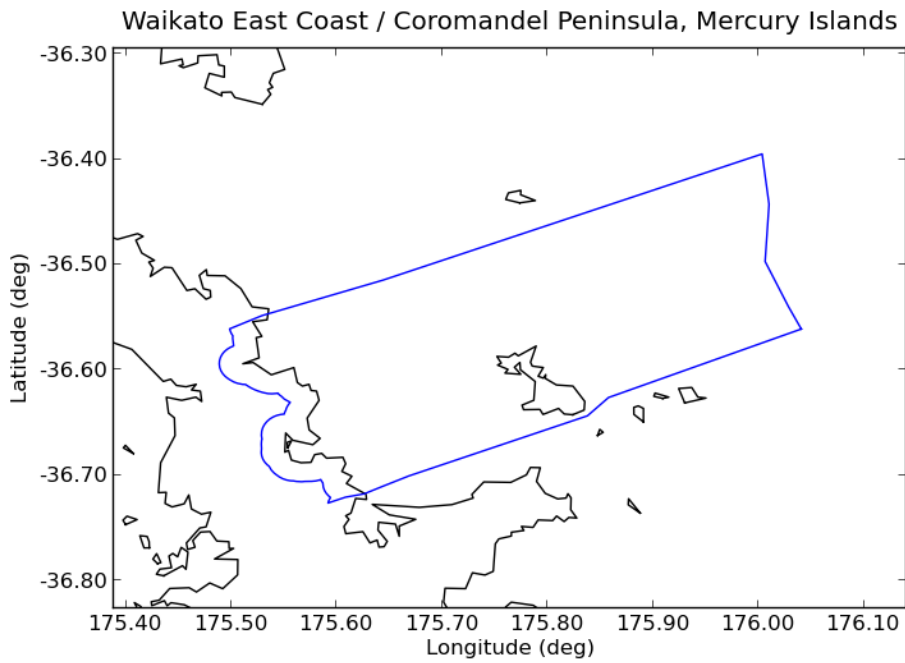
Deaggregation of Zone:38, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.4191 m  
Others



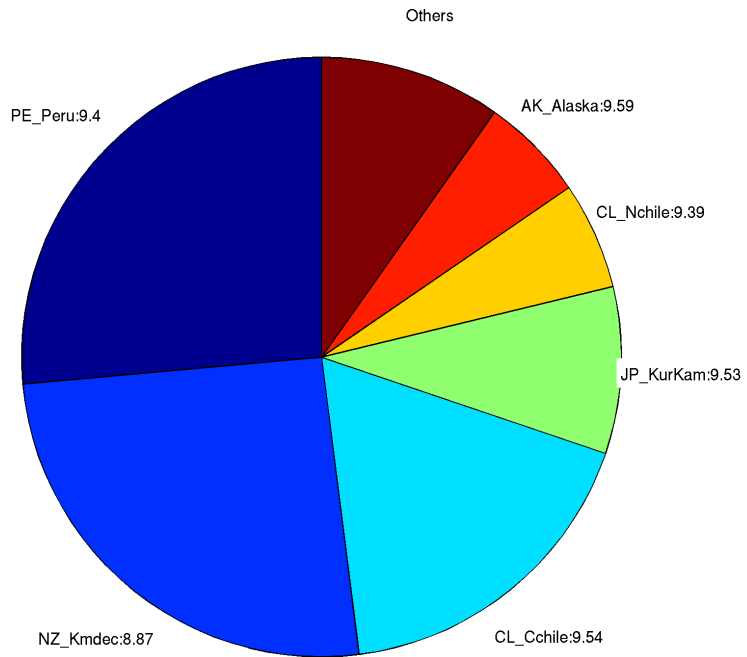
Deaggregation of Zone:38, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.8732 m  
Others



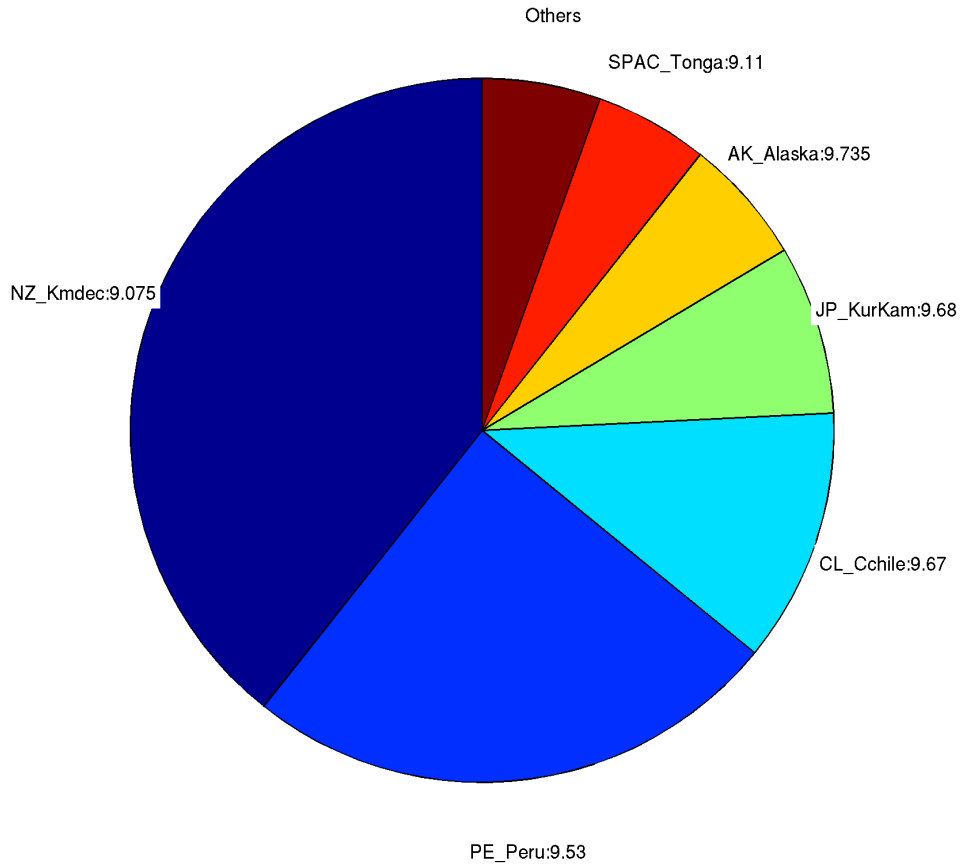
### 39. Mercury Islands



Deaggregation of Zone:39, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.2517 m

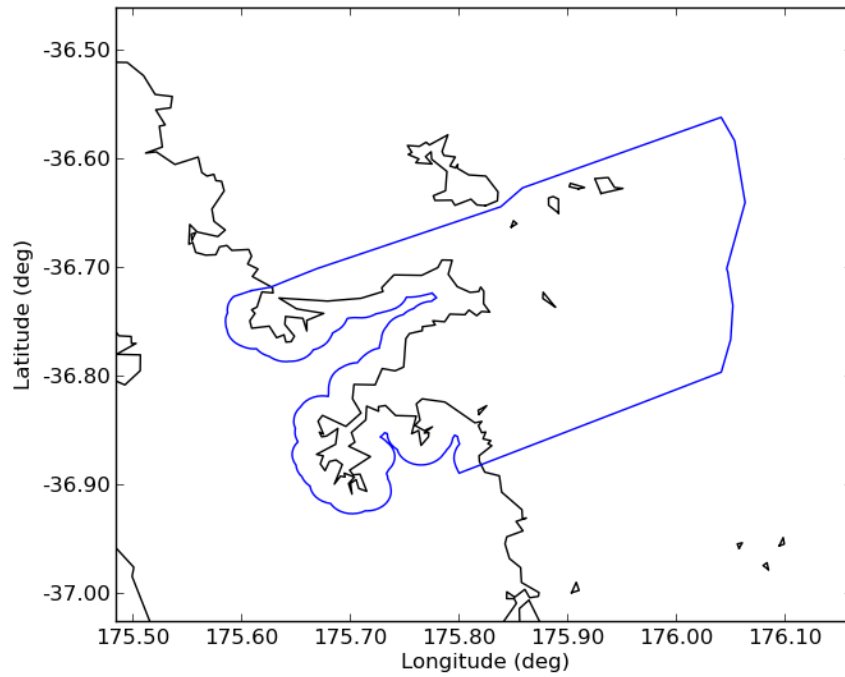


Deaggregation of Zone:39, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8402 m

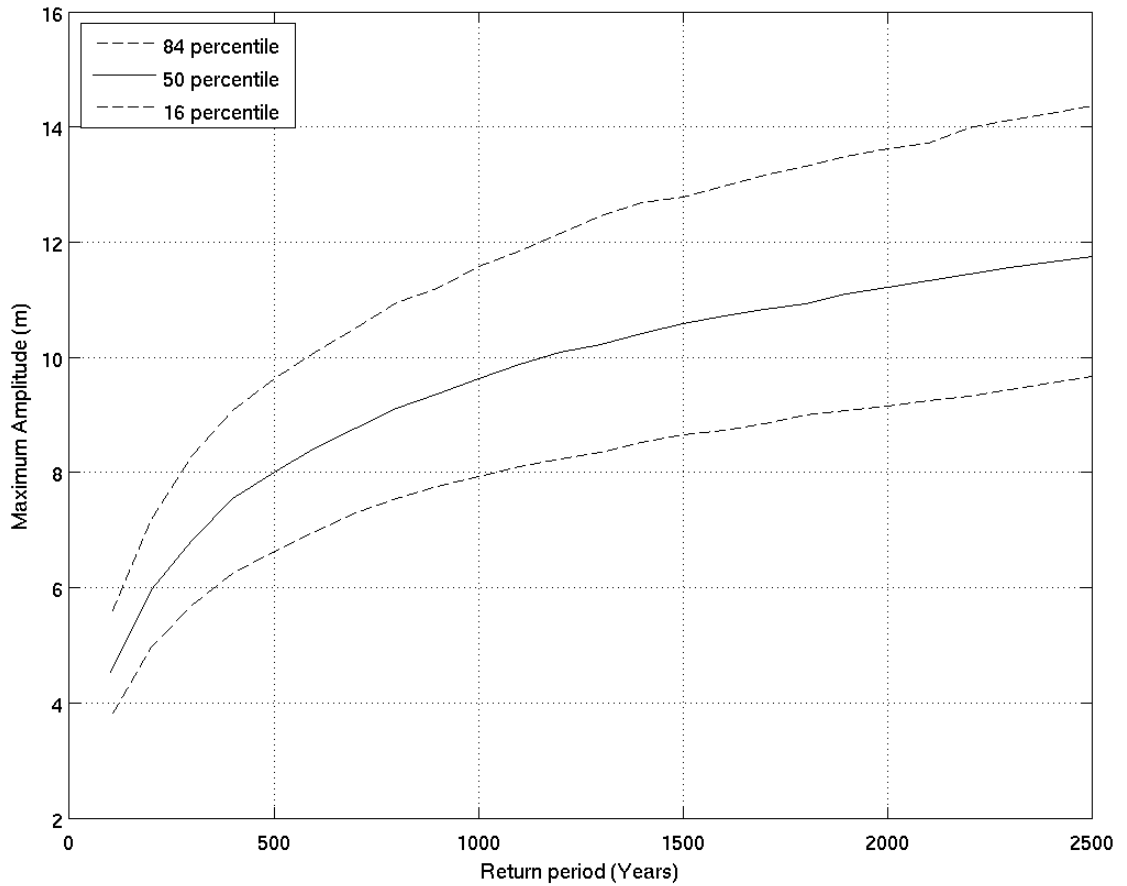


## 40. Mercury Bay

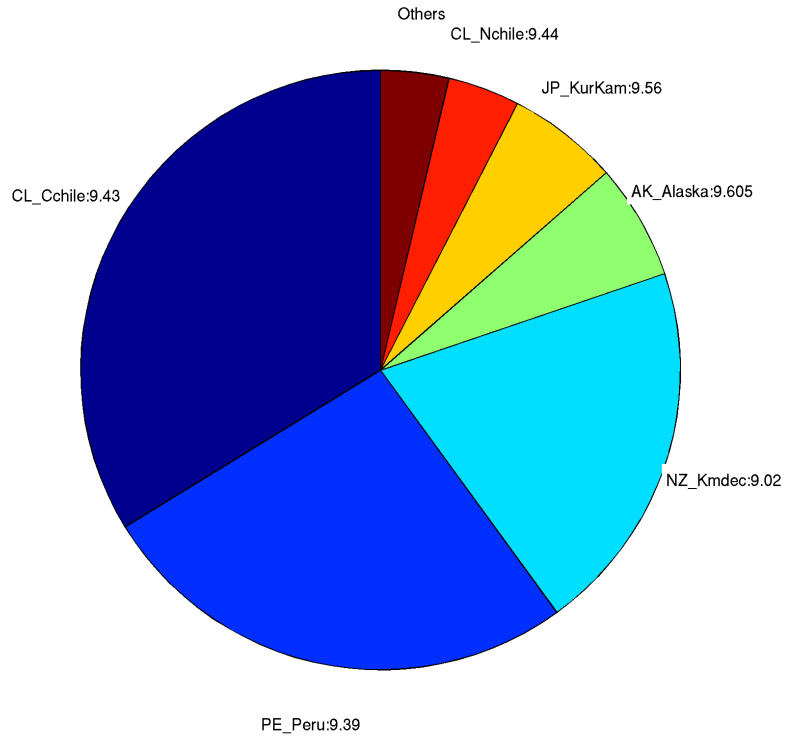
Waikato East Coast / Coromandel Peninsula, Mercury Bay



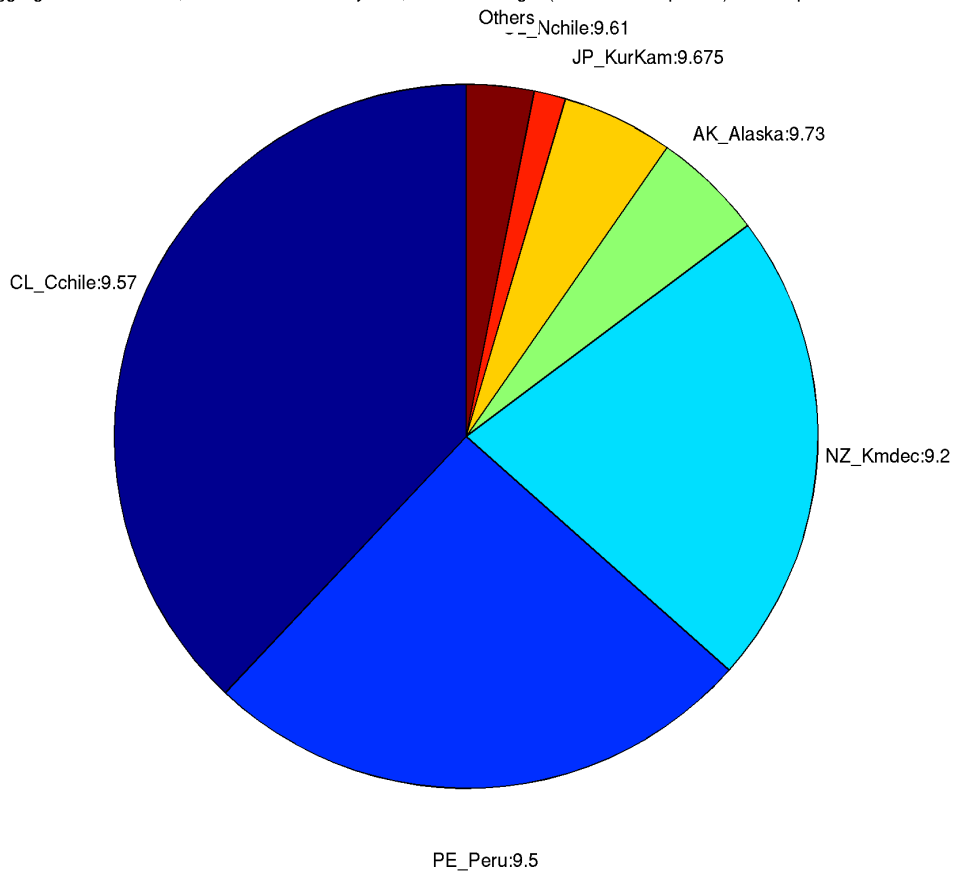
Mercury Bay Hazard Curve, zone #40



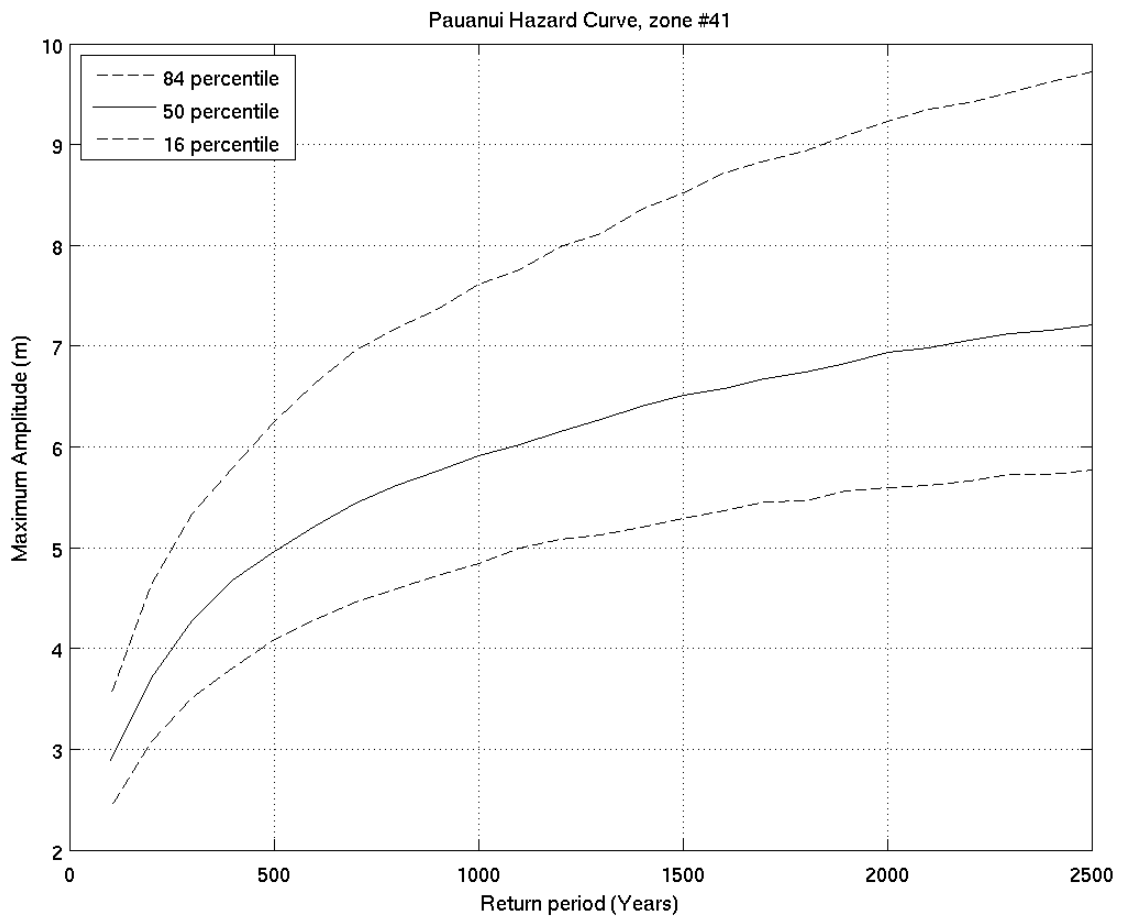
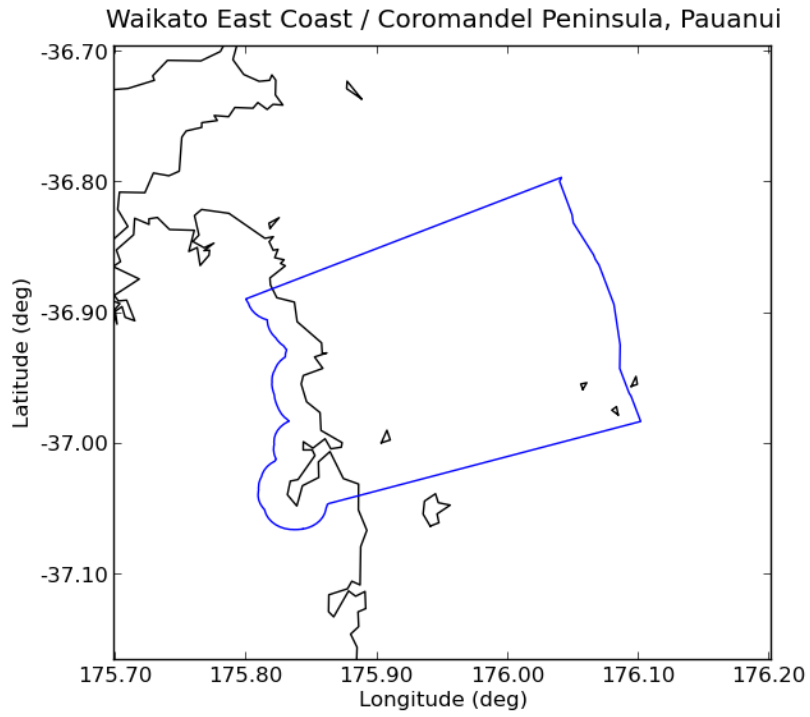
Deaggregation of Zone:40, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9986 m



Deaggregation of Zone:40, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.7509 m

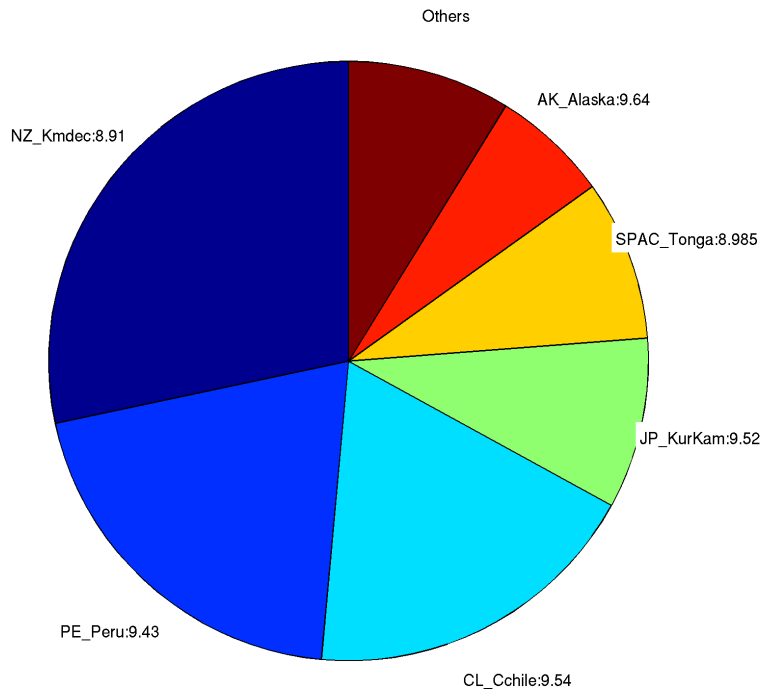


# 41. *Pauanui*

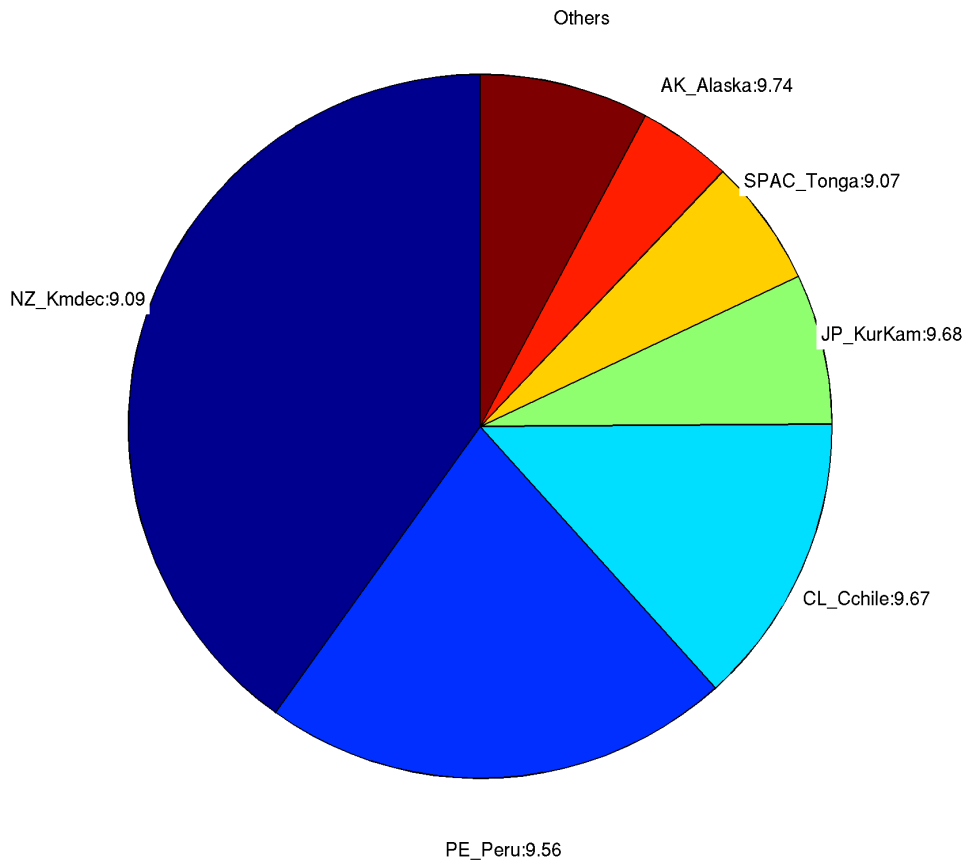




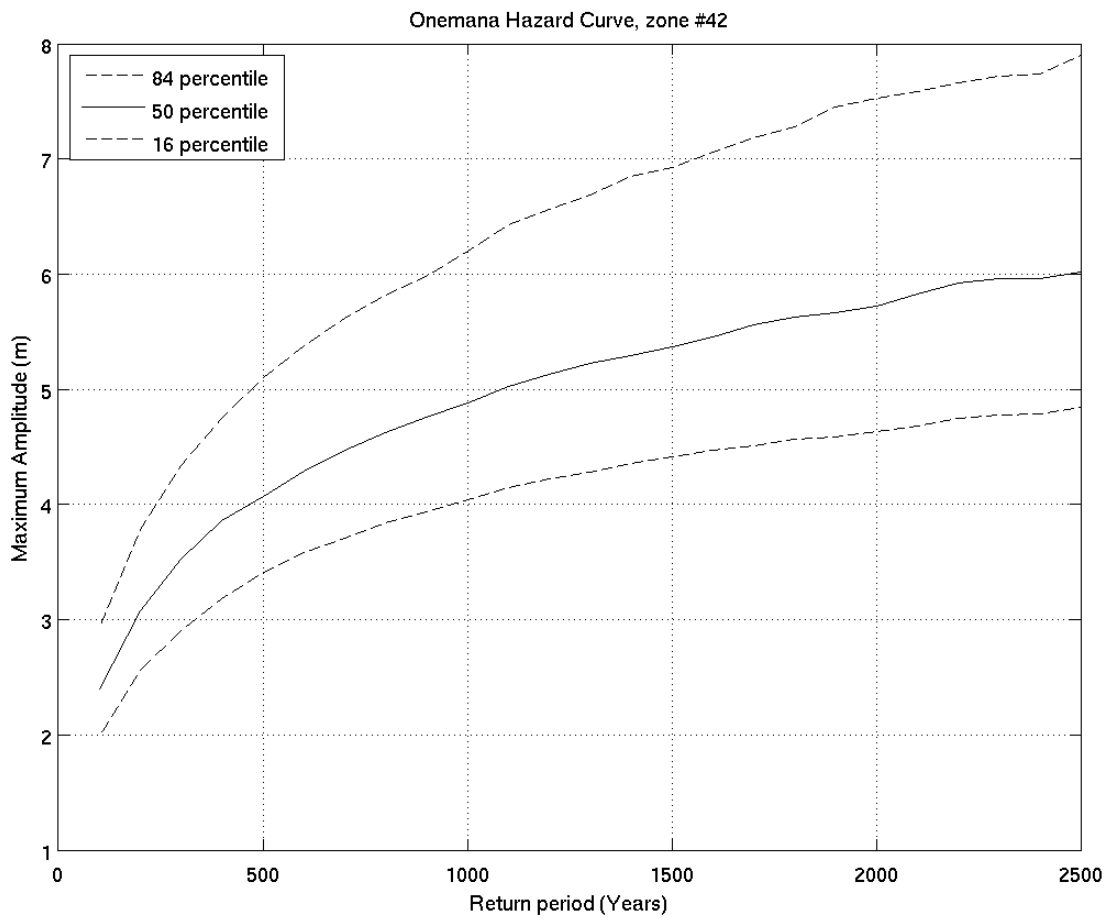
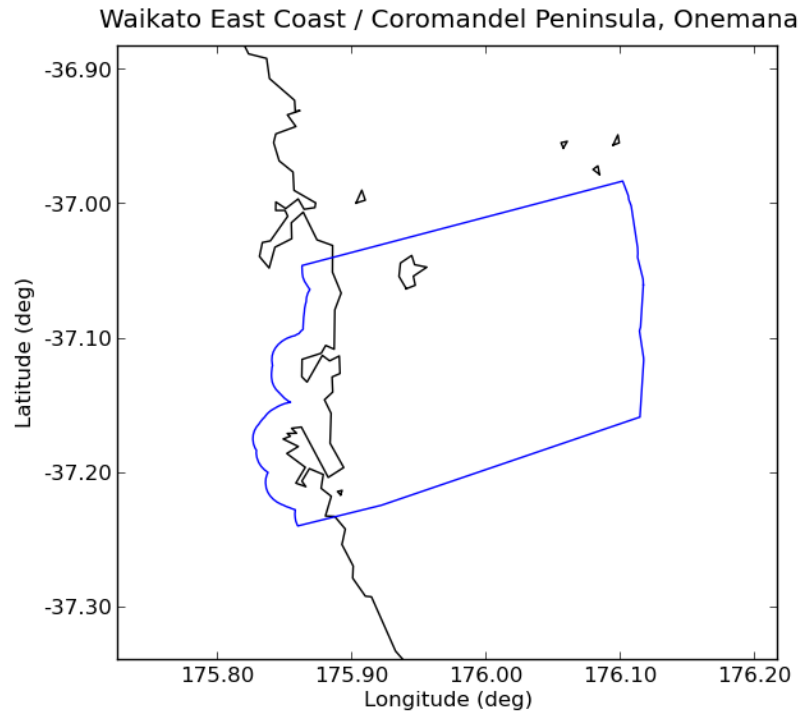
Deaggregation of Zone:41, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9566 m



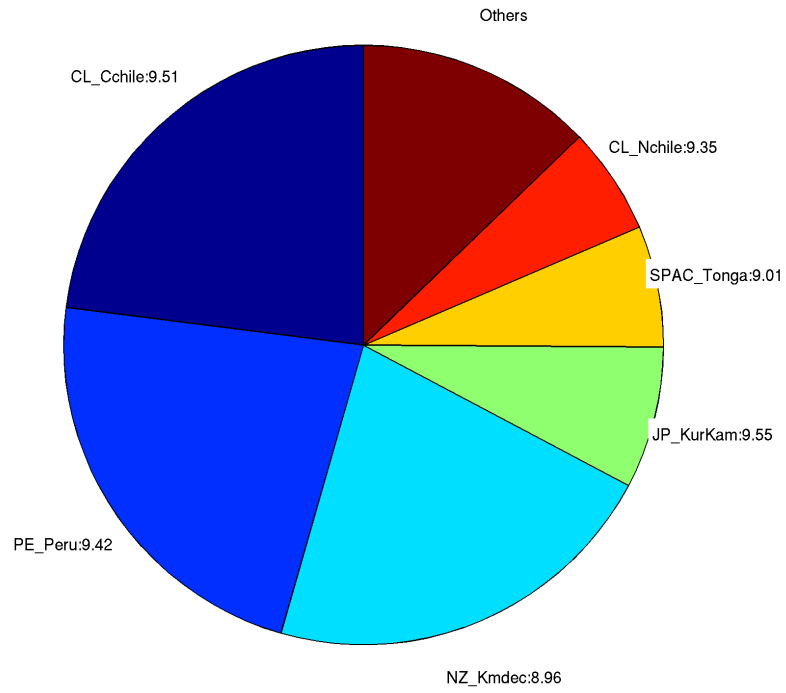
Deaggregation of Zone:41, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2073 m



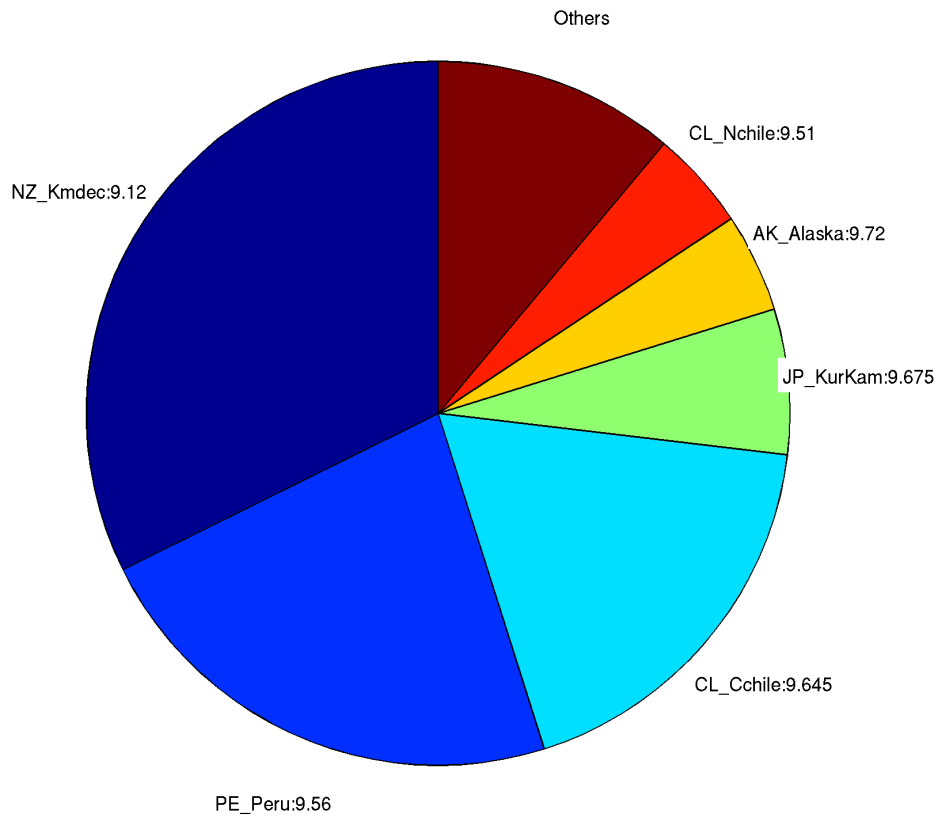
## 42. Onemana



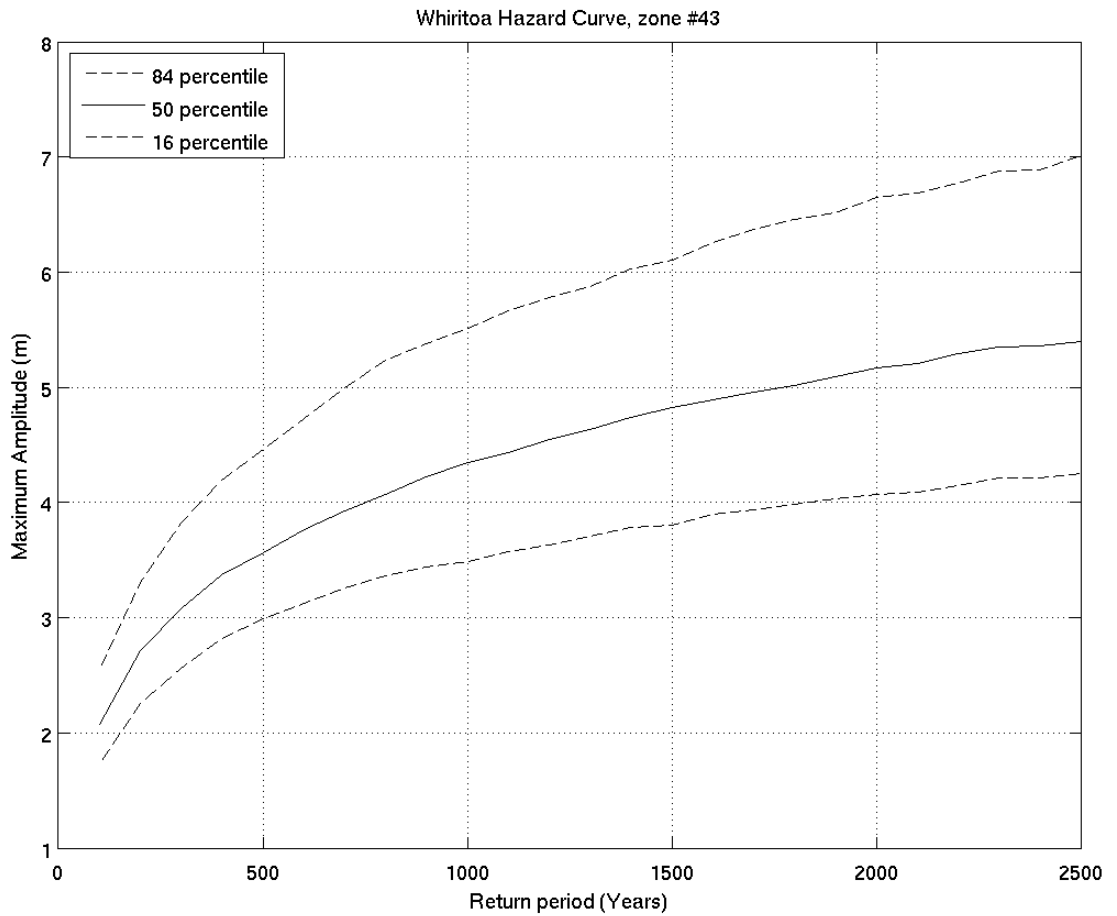
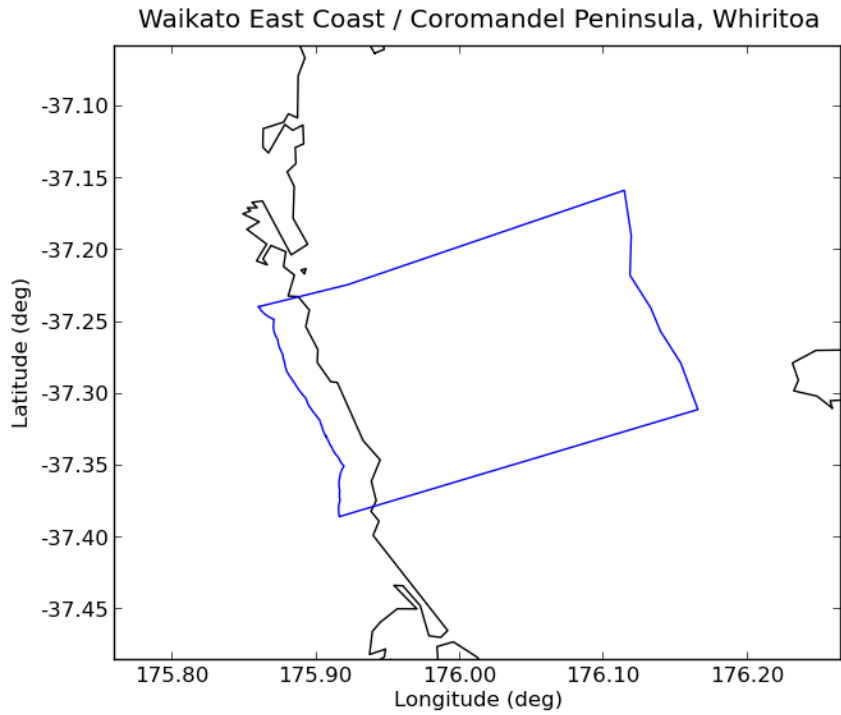
Deaggregation of Zone:42, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0732 m



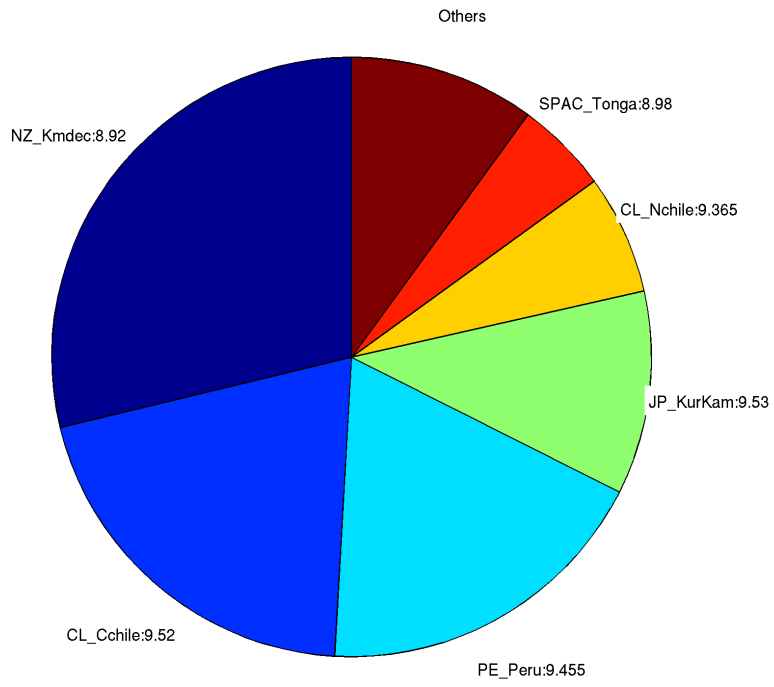
Deaggregation of Zone:42, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9917 m



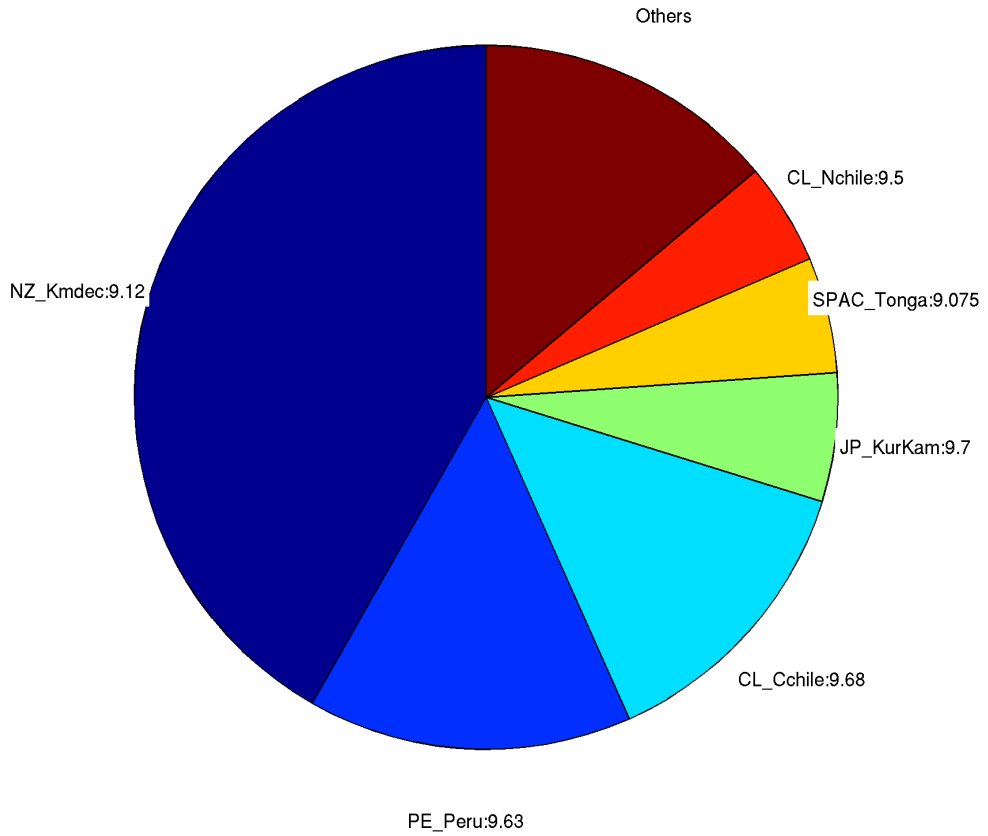
### 43. Whiritoa



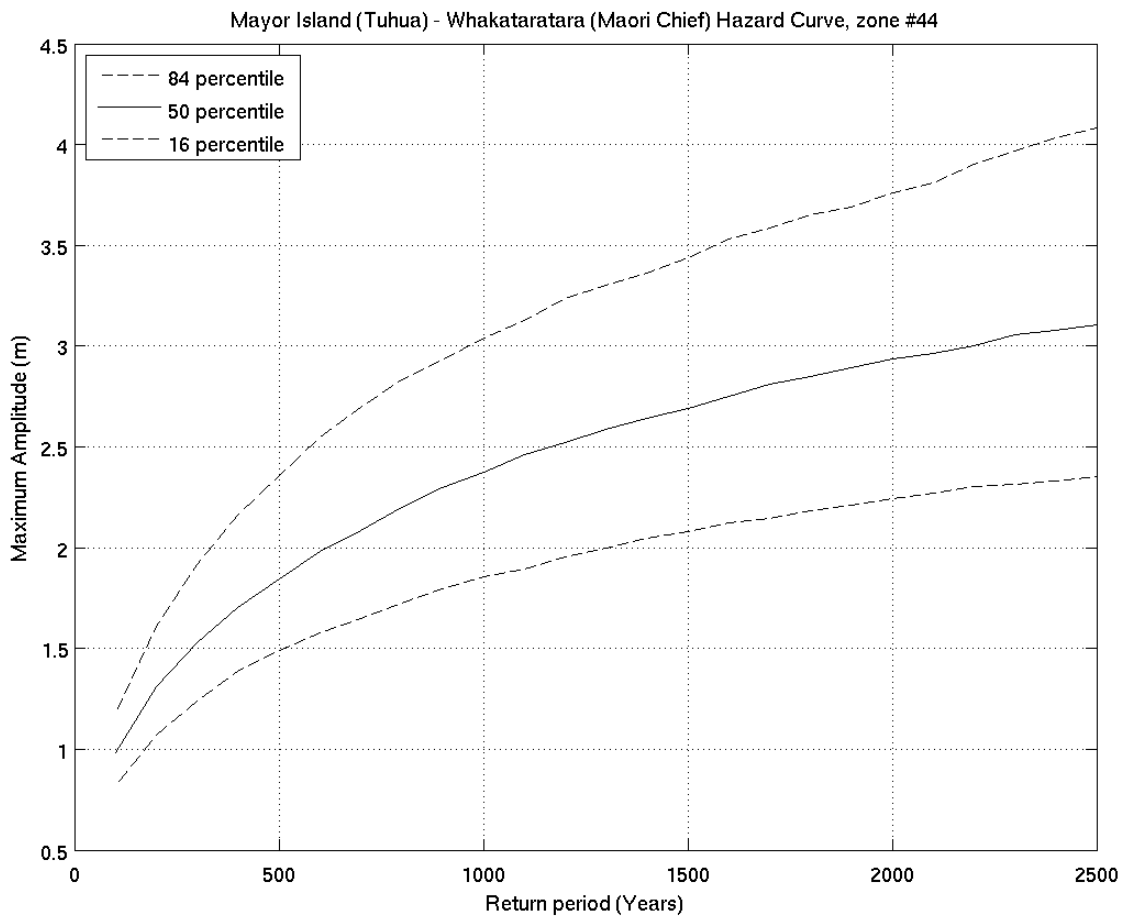
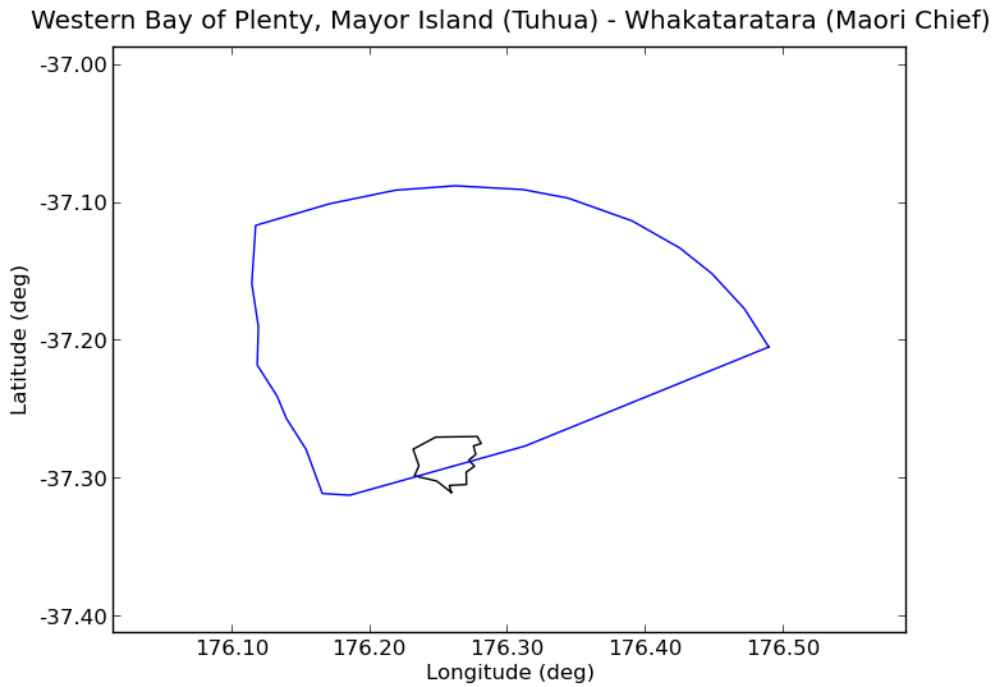
Deaggregation of Zone:43, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5671 m



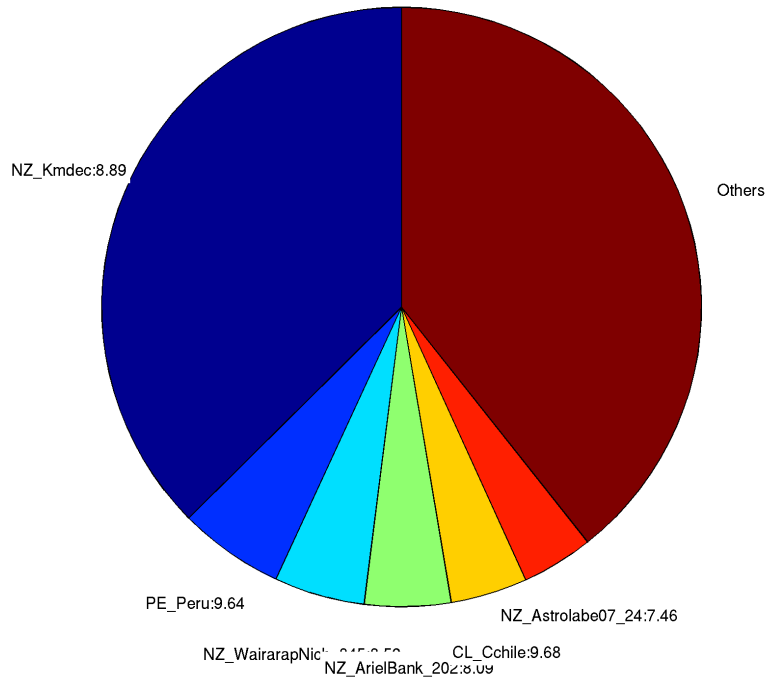
Deaggregation of Zone:43, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3941 m



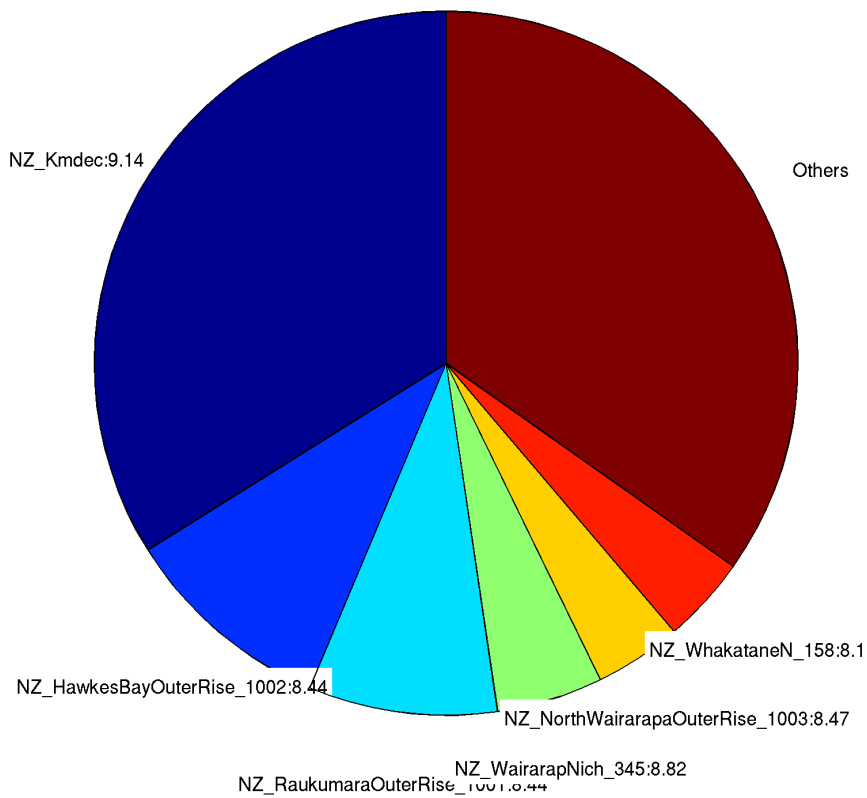
44. *Mayor Island (Tuhua) - Whakataratara (Maori Chief)*



Deaggregation of Zone:44, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:1.8459 m

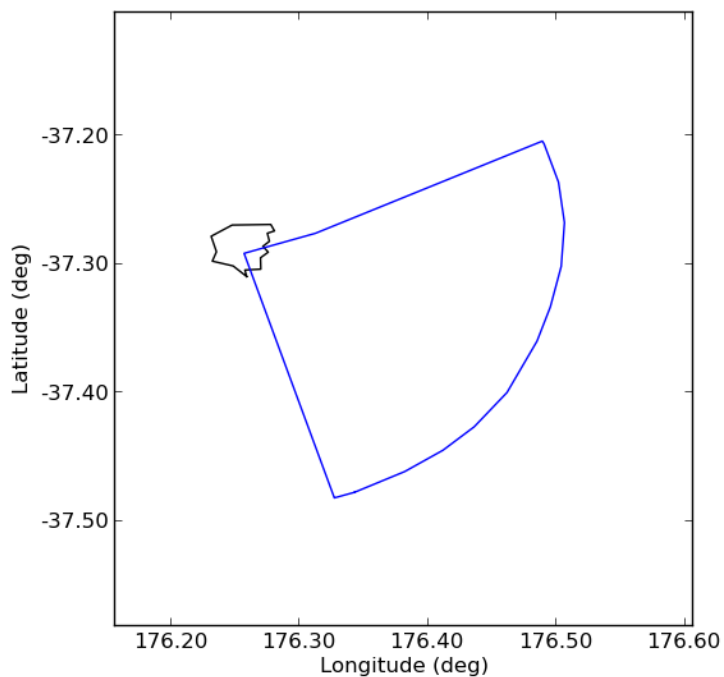


Deaggregation of Zone:44, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.1055 m

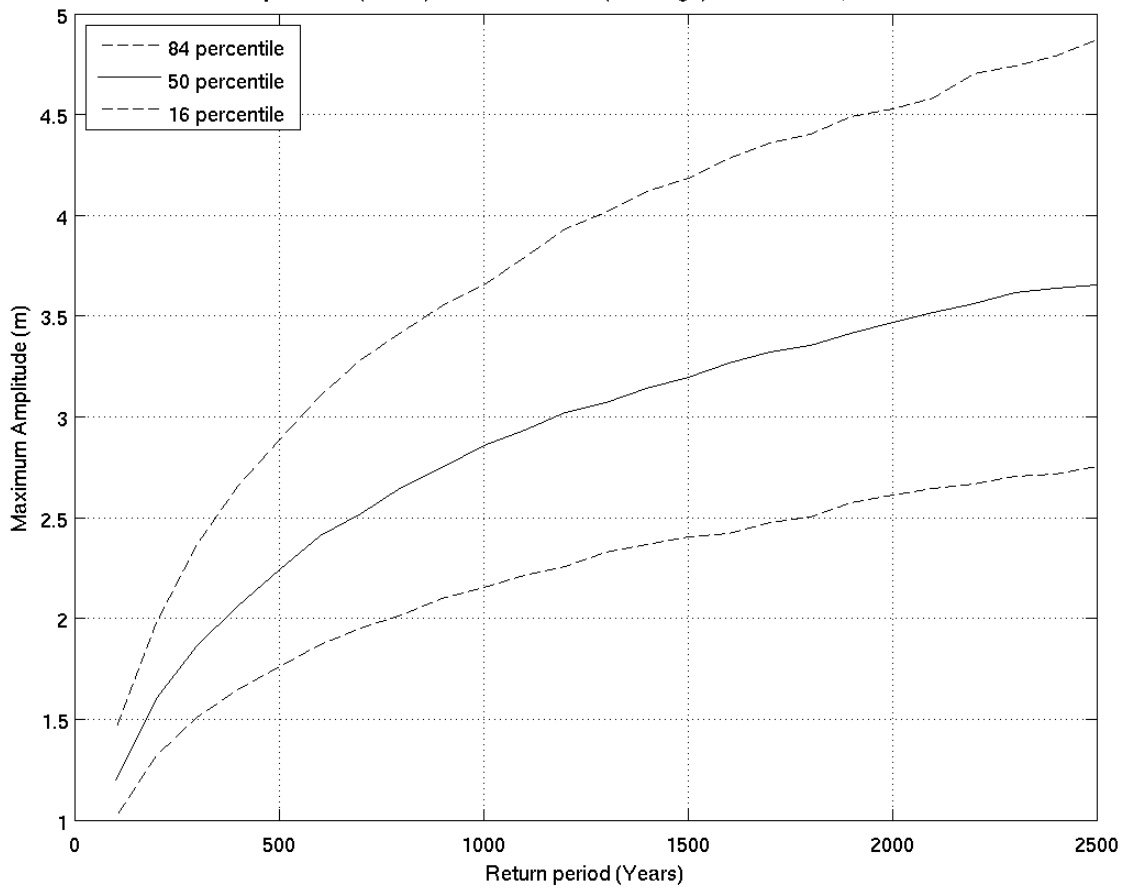


### 45. Mayor Island (Tuhua) - Ruakikeno Point (Tauranga)

Western Bay of Plenty, Mayor Island (Tuhua) - Ruakikeno Point (Tauranga)

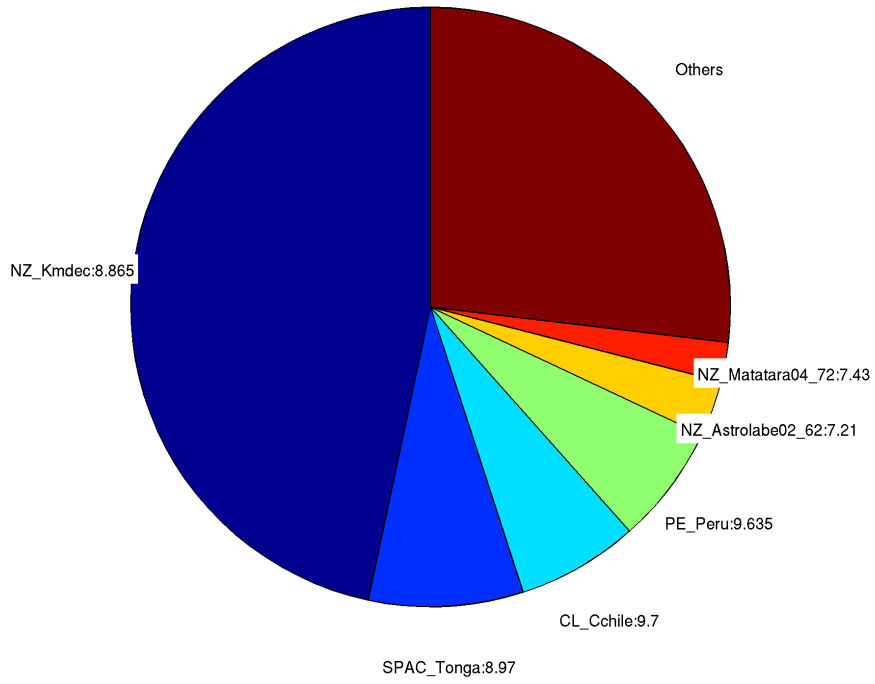


Mayor Island (Tuhua) - Ruakikeno Point (Tauranga) Hazard Curve, zone #45

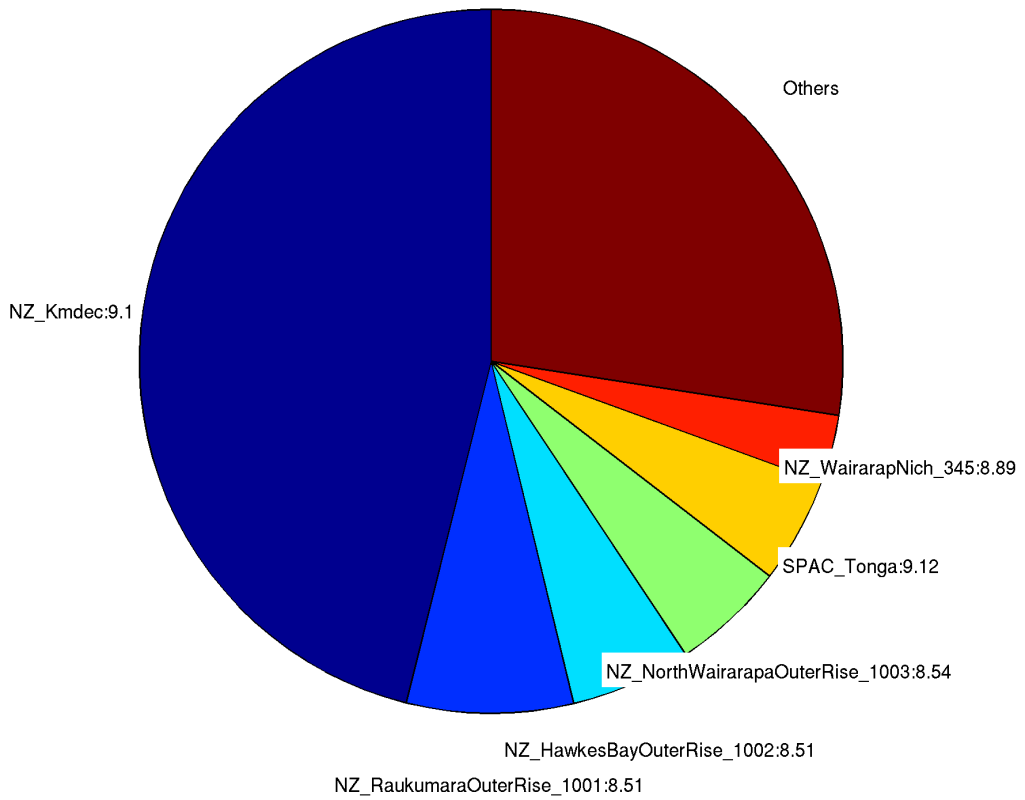




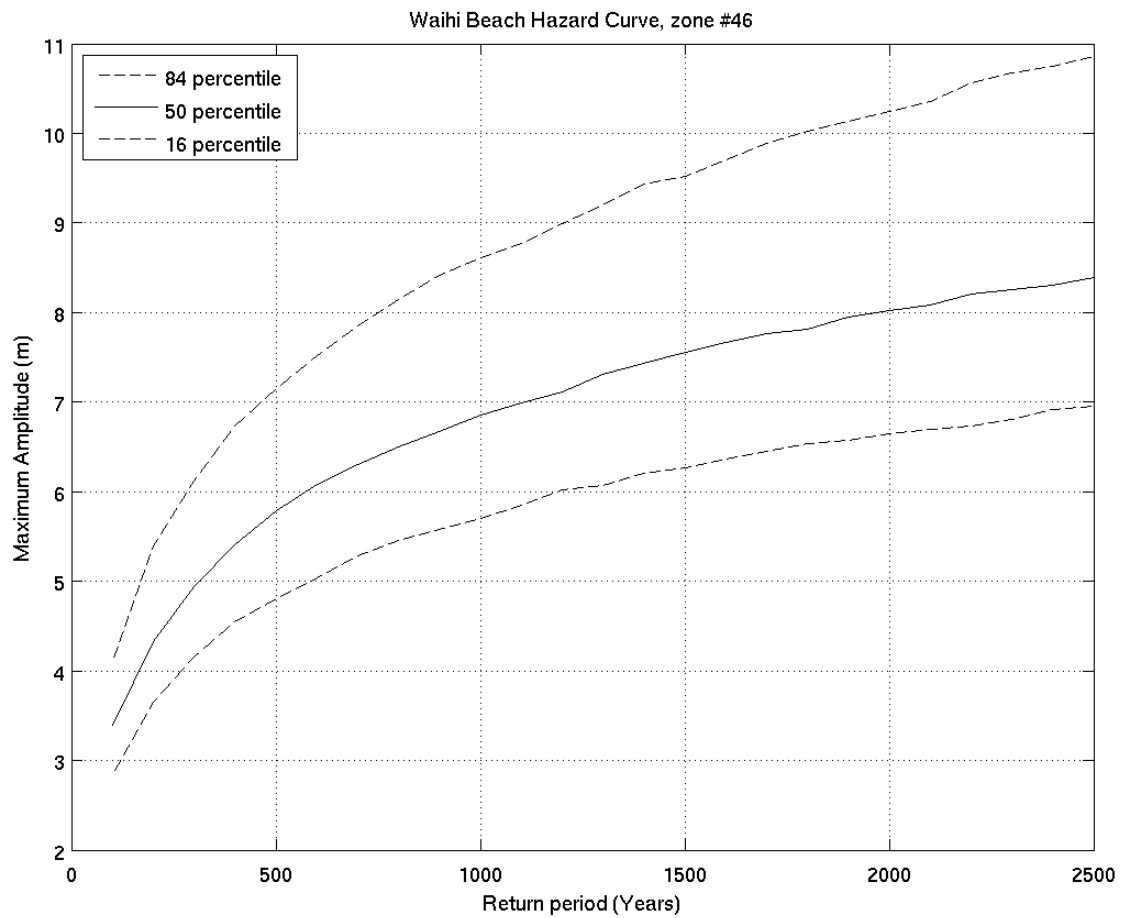
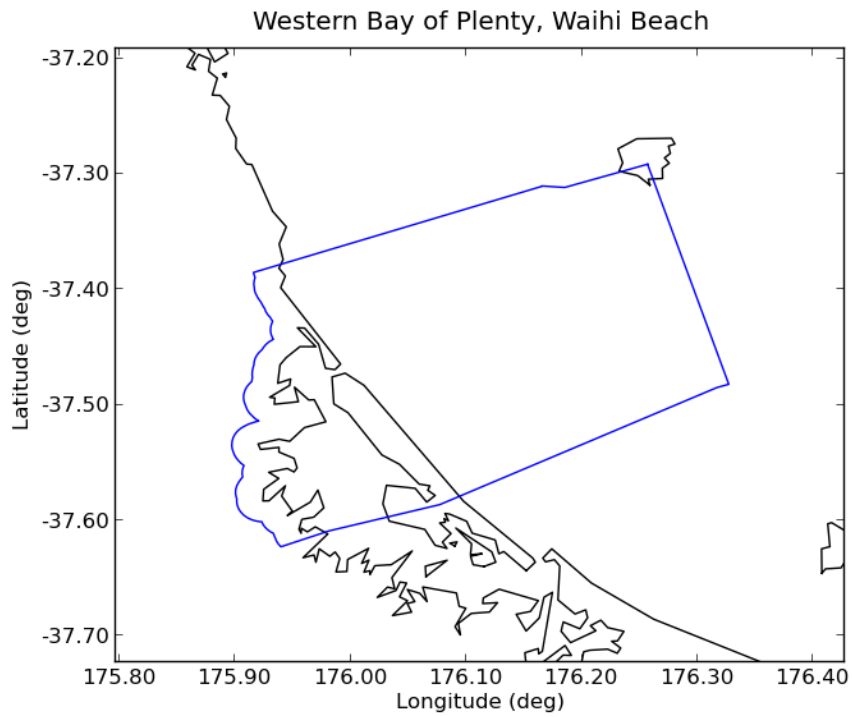
Deaggregation of Zone:45, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.2335 m



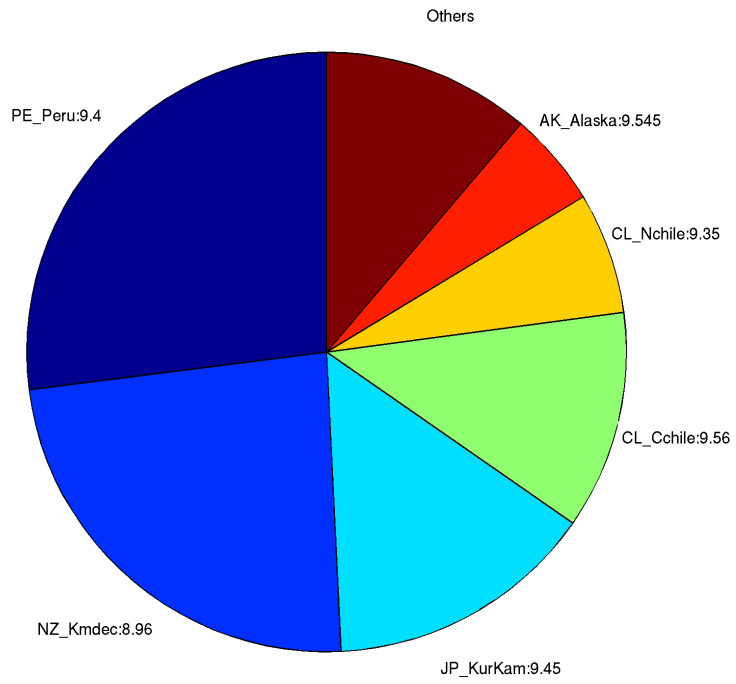
Deaggregation of Zone:45, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6506 m



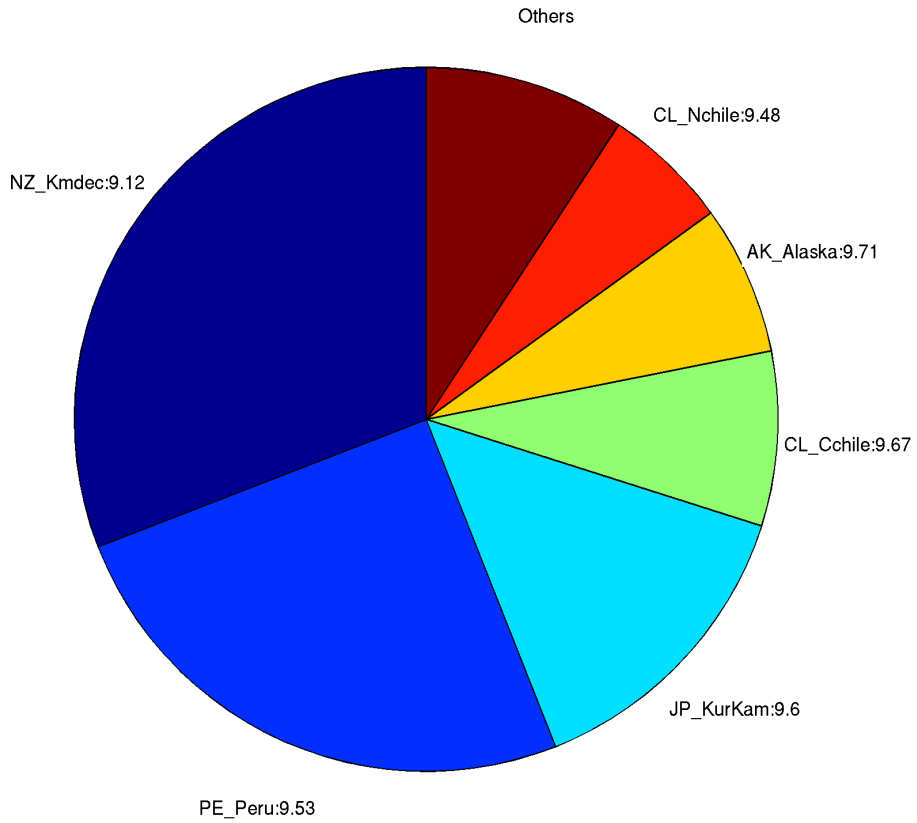
## 46. Waihi Beach



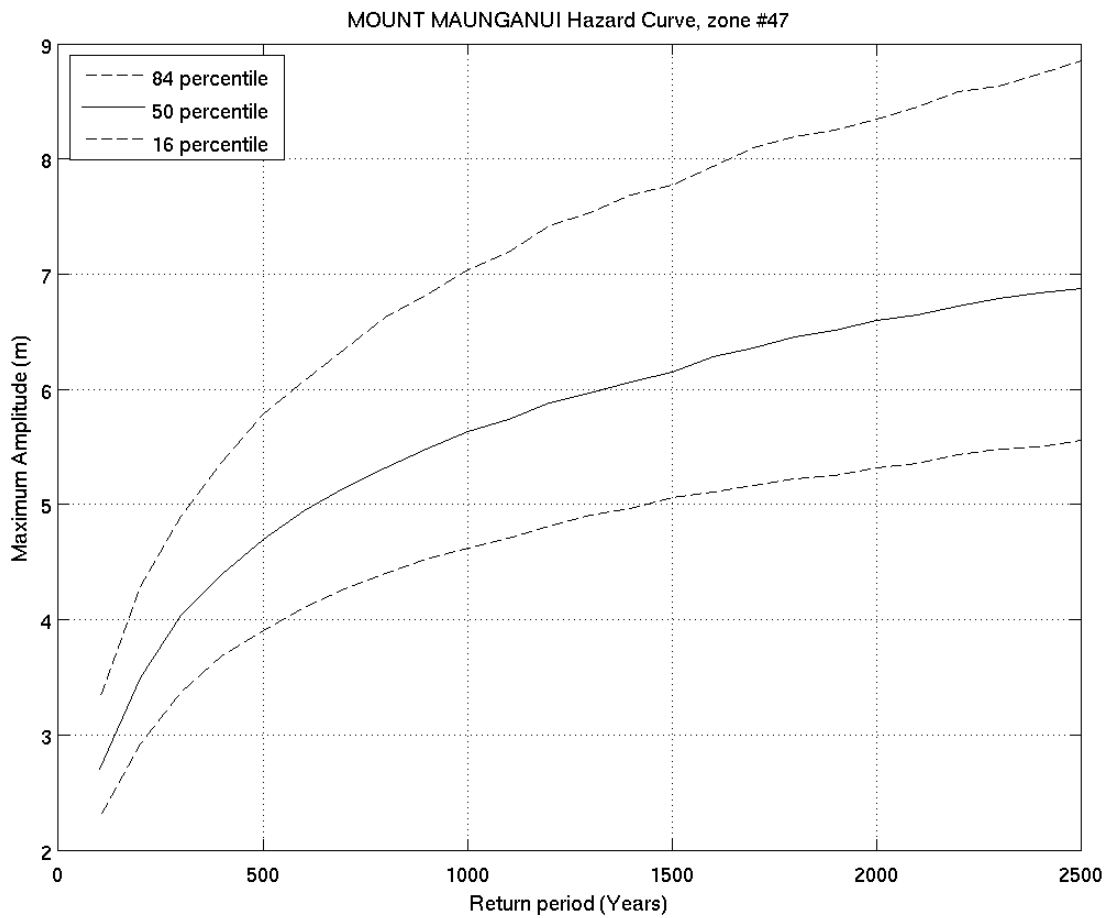
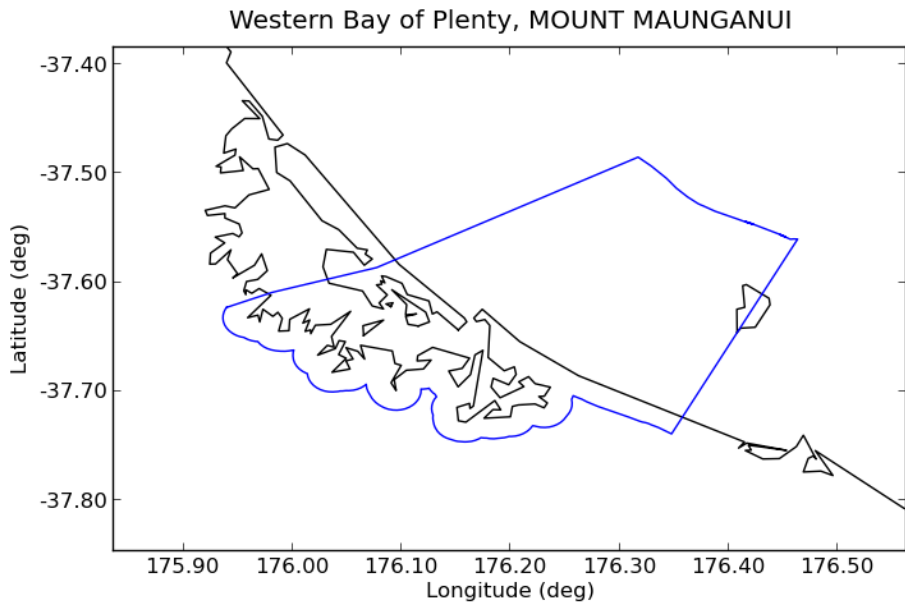
Deaggregation of Zone:46, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7707 m



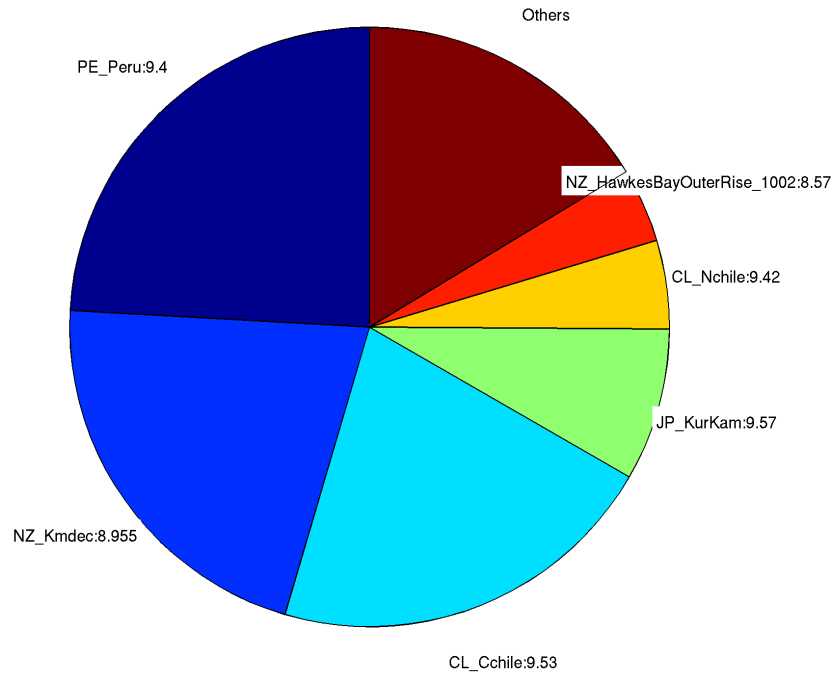
Deaggregation of Zone:46, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.3657 m



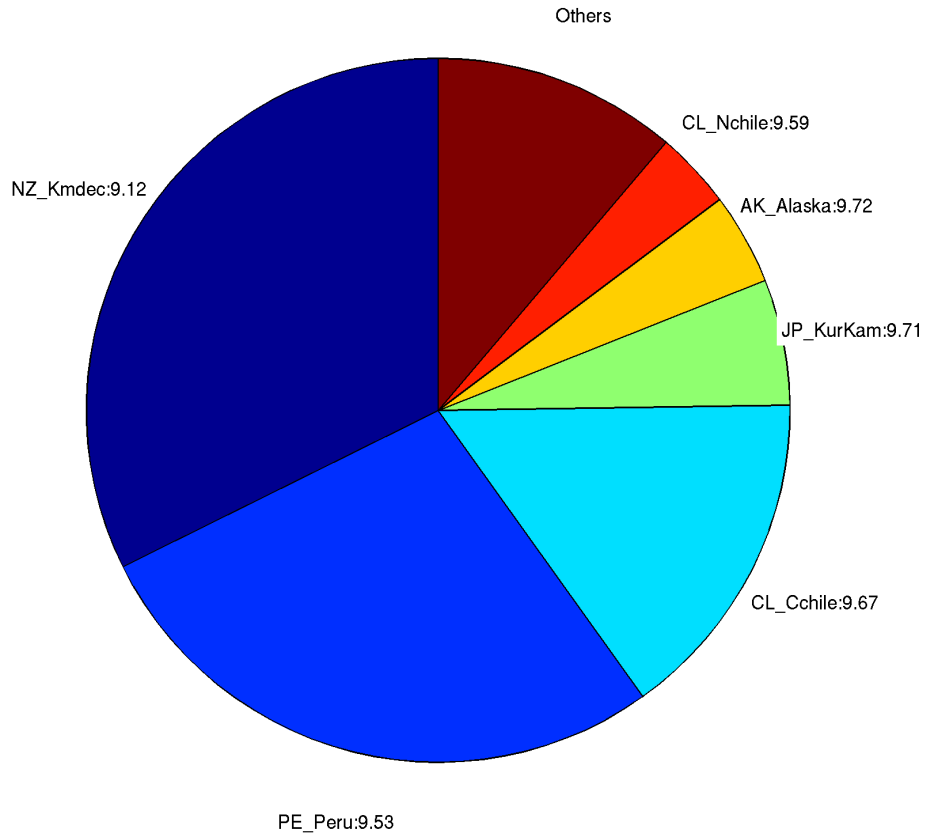
## 47. MOUNT MAUNGANUI



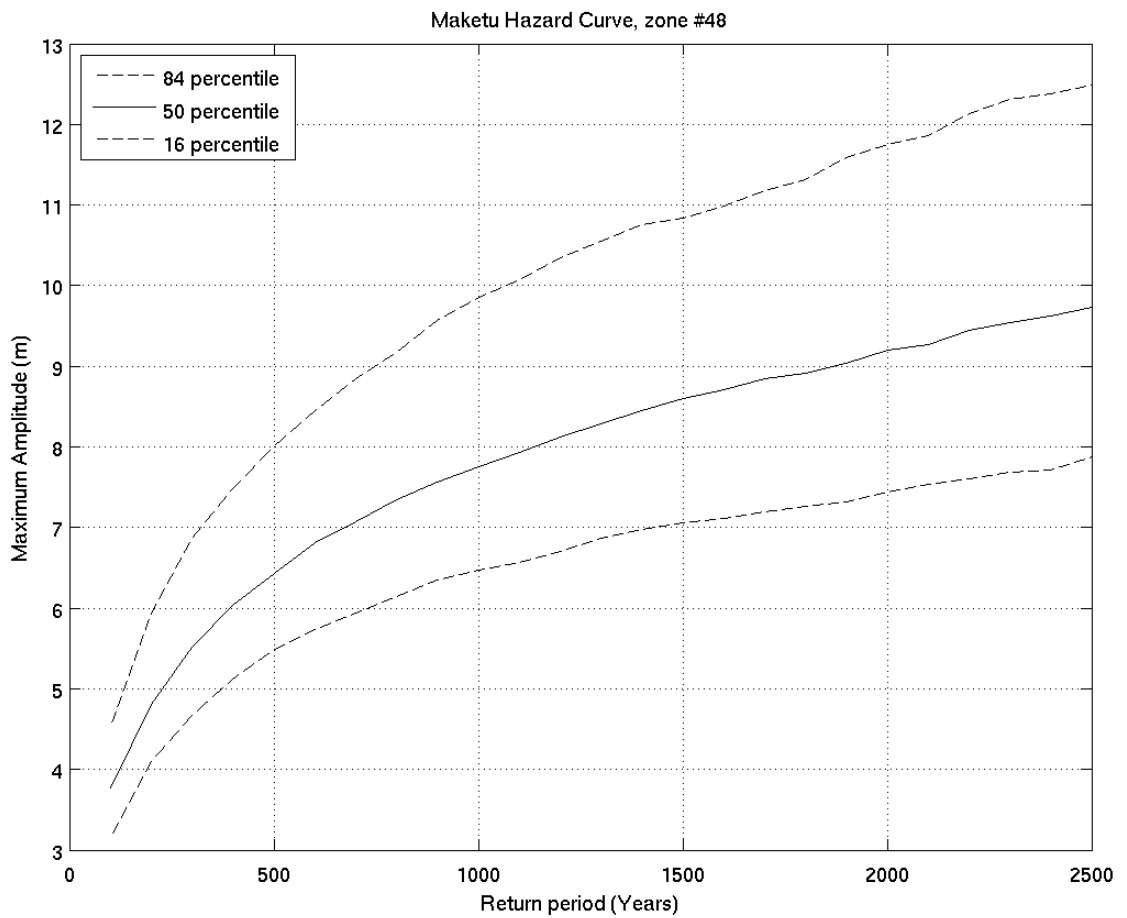
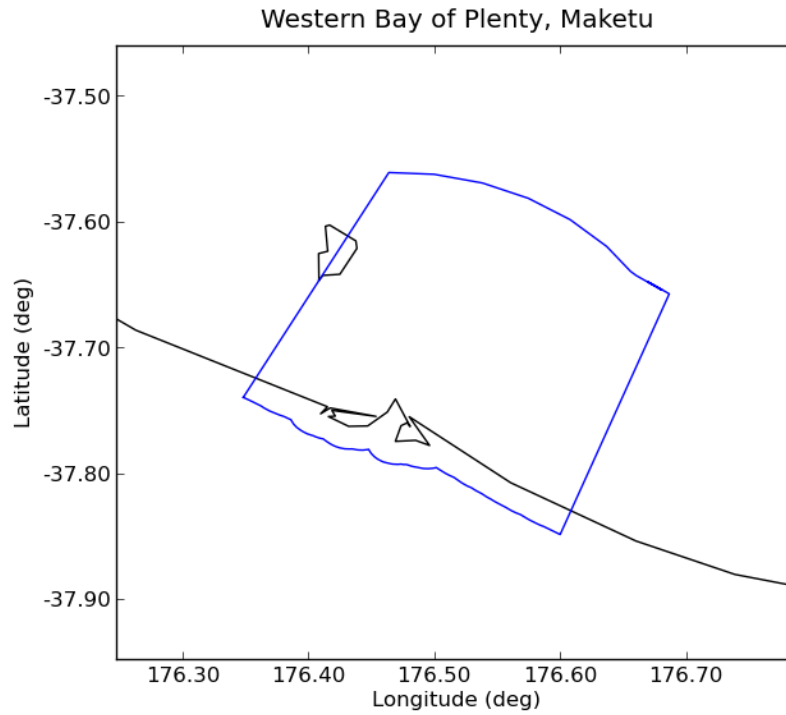
Deaggregation of Zone:47, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6941 m



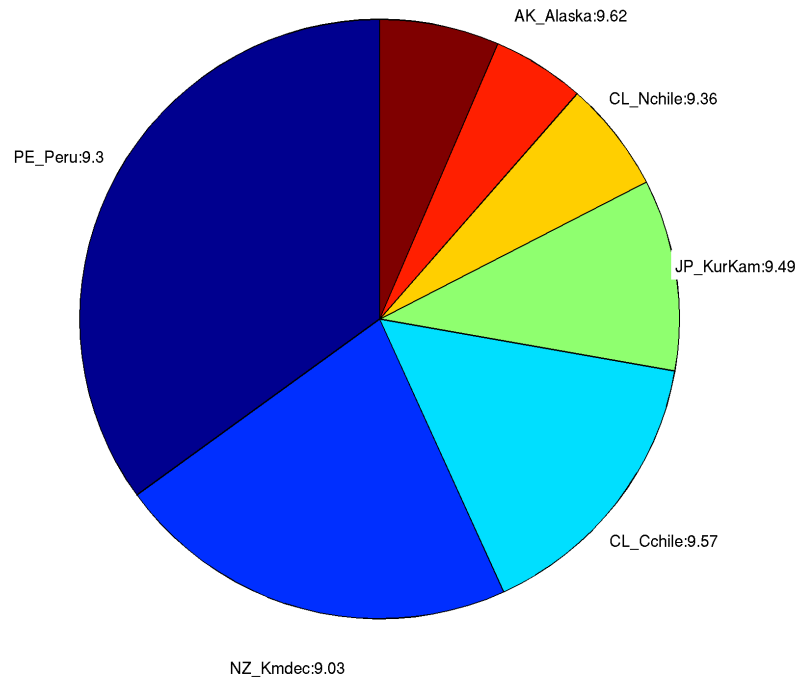
Deaggregation of Zone:47, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8683 m



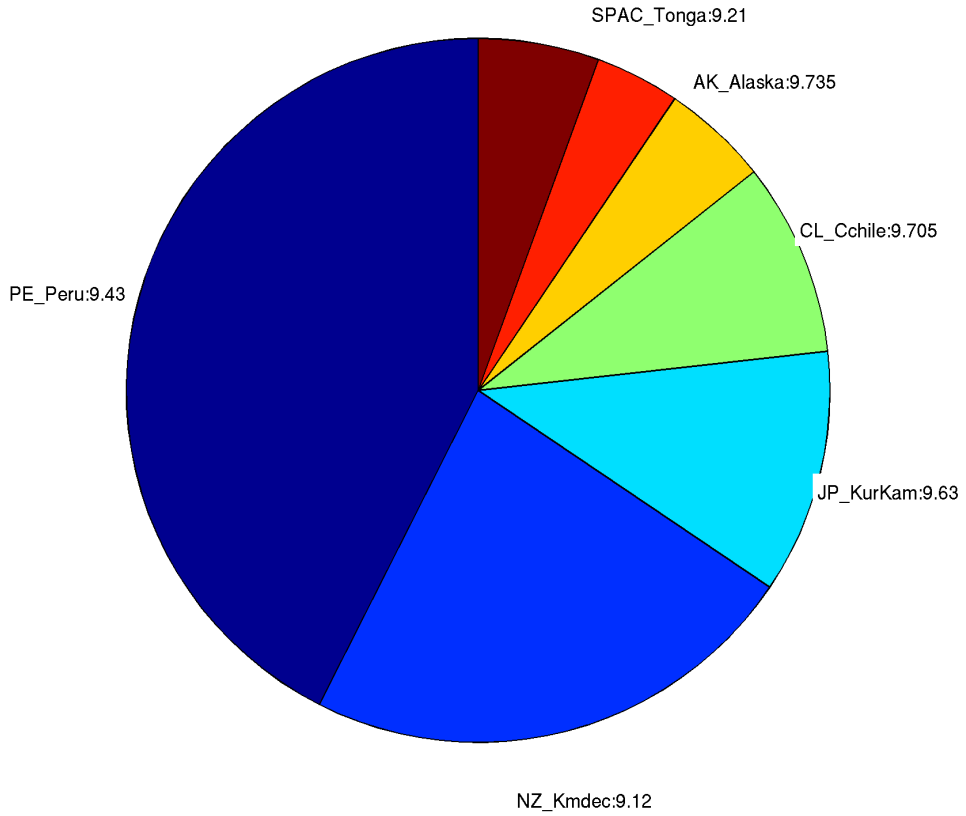
## 48. Maketu



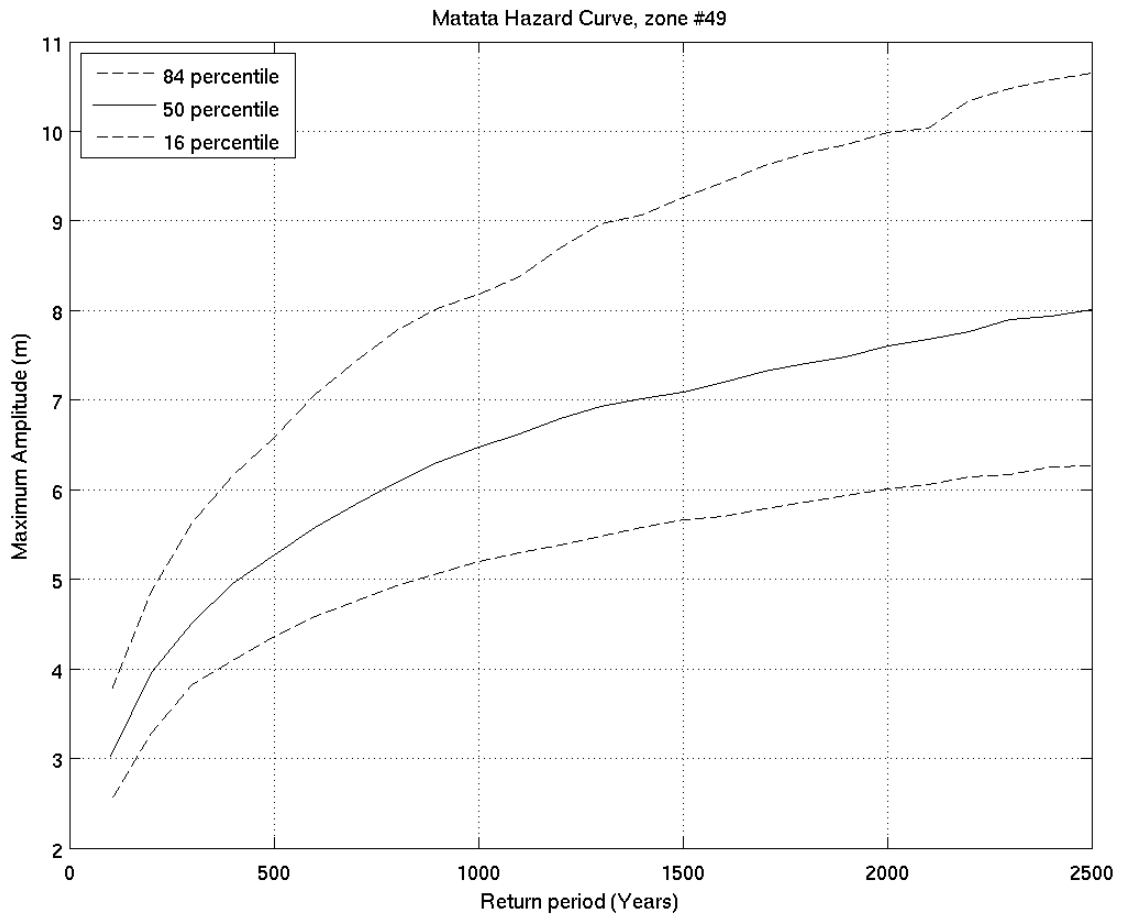
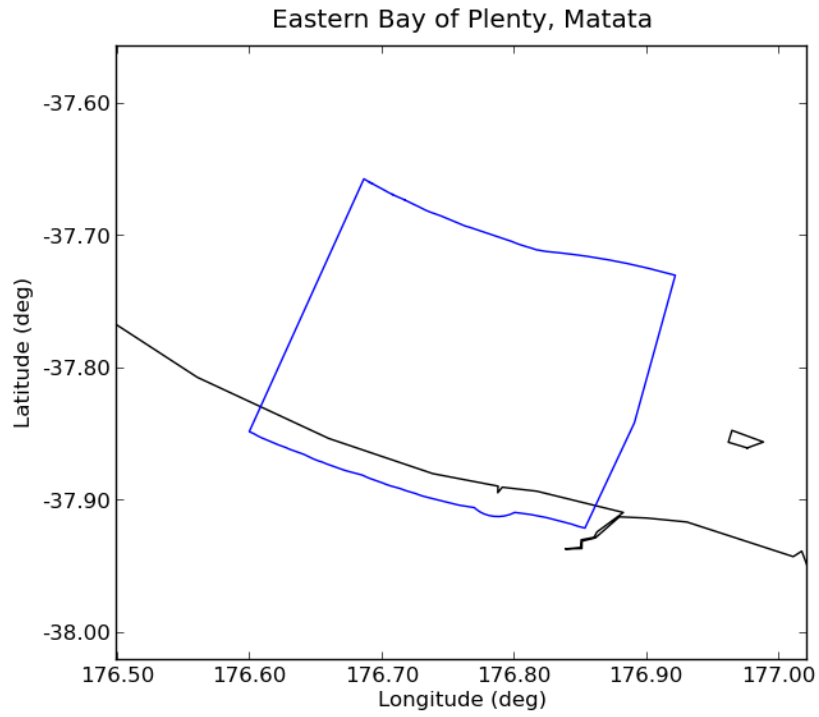
Deaggregation of Zone:48, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.4286 m  
Others



Deaggregation of Zone:48, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.7245 m  
Others

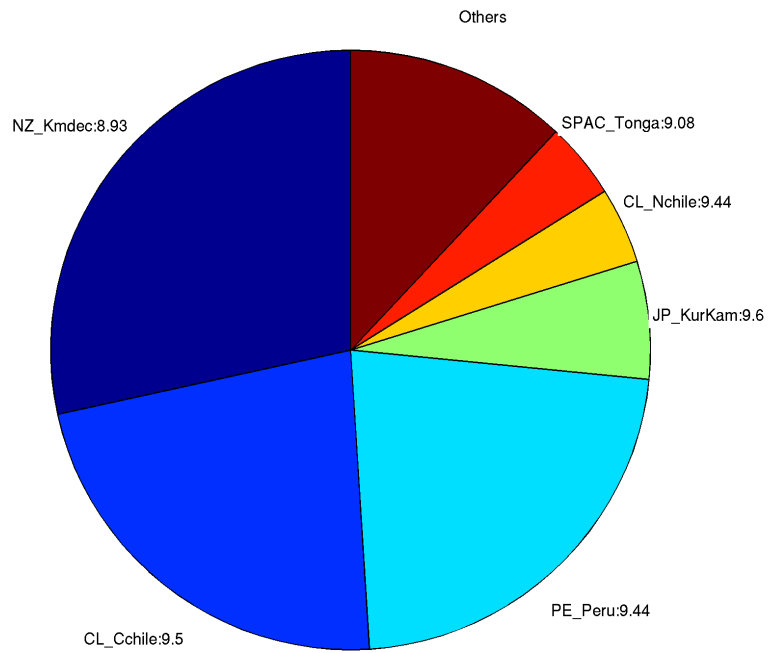


## 49. Matata

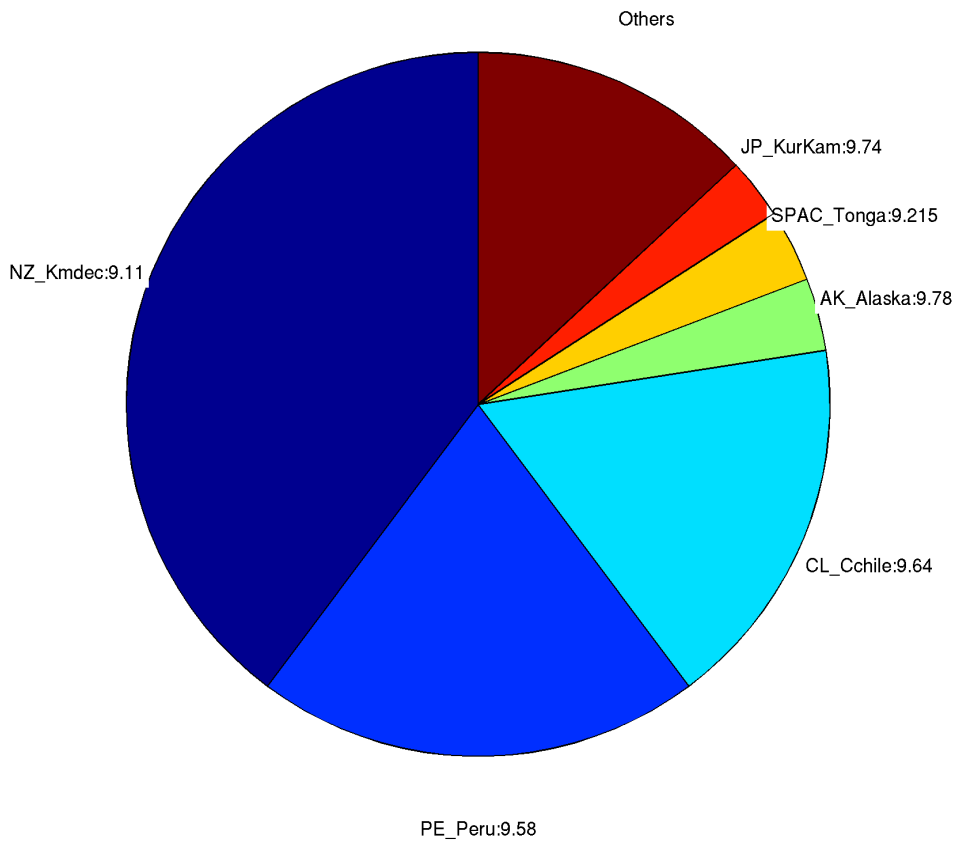




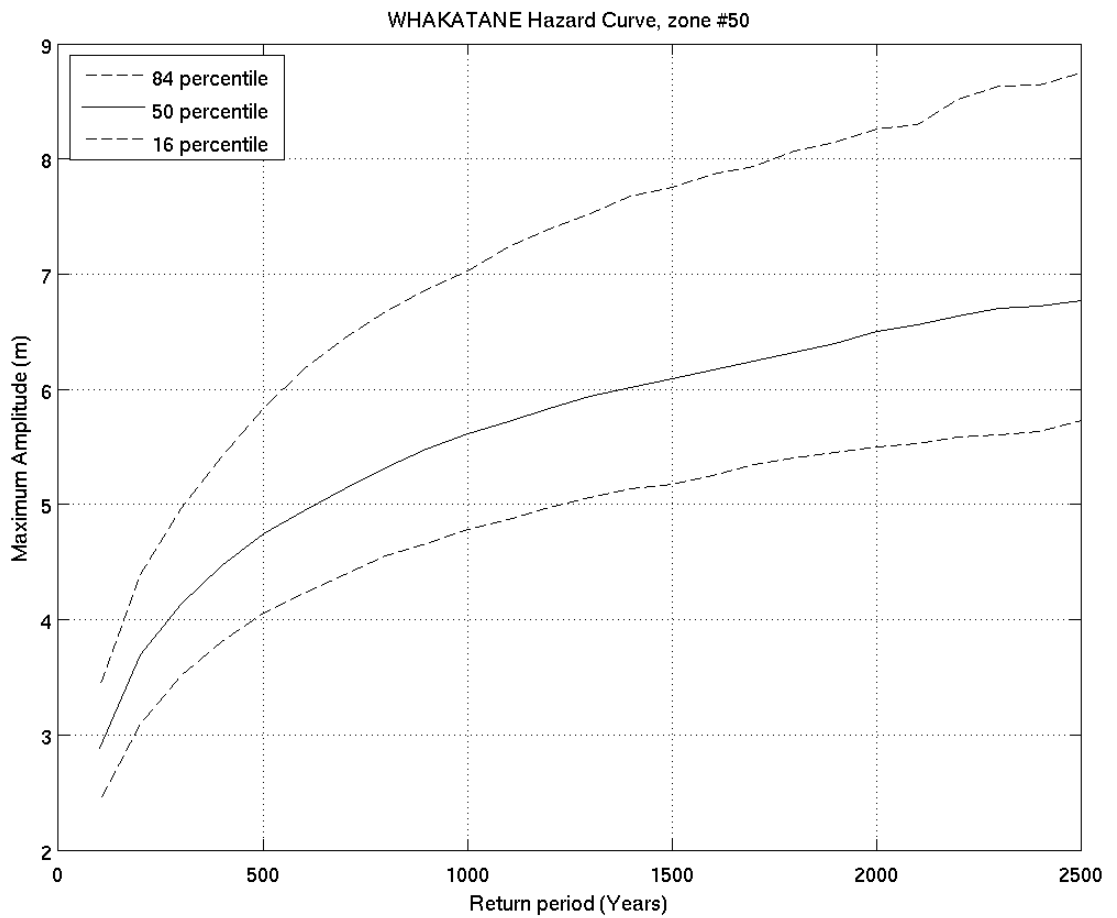
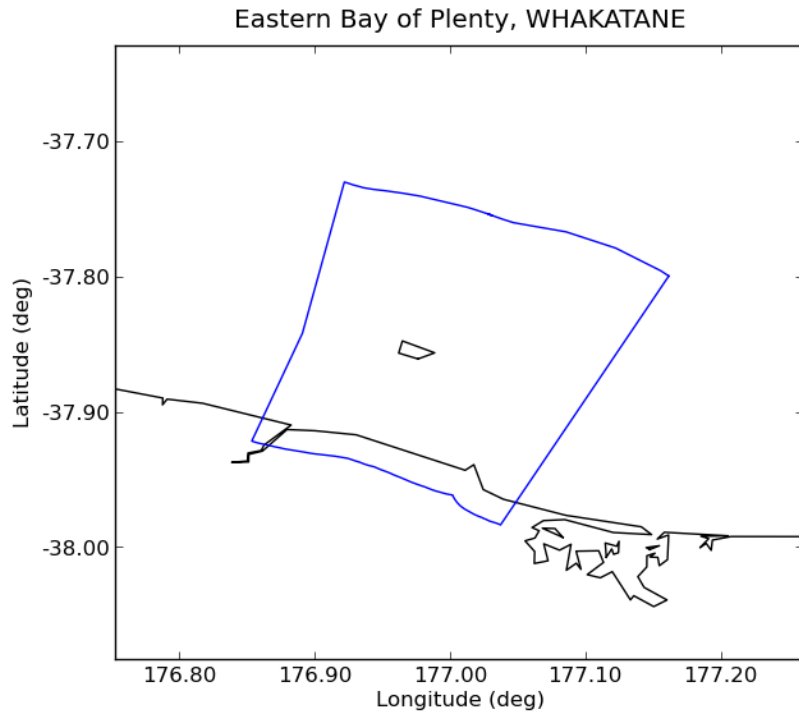
Deaggregation of Zone:49, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.2737 m



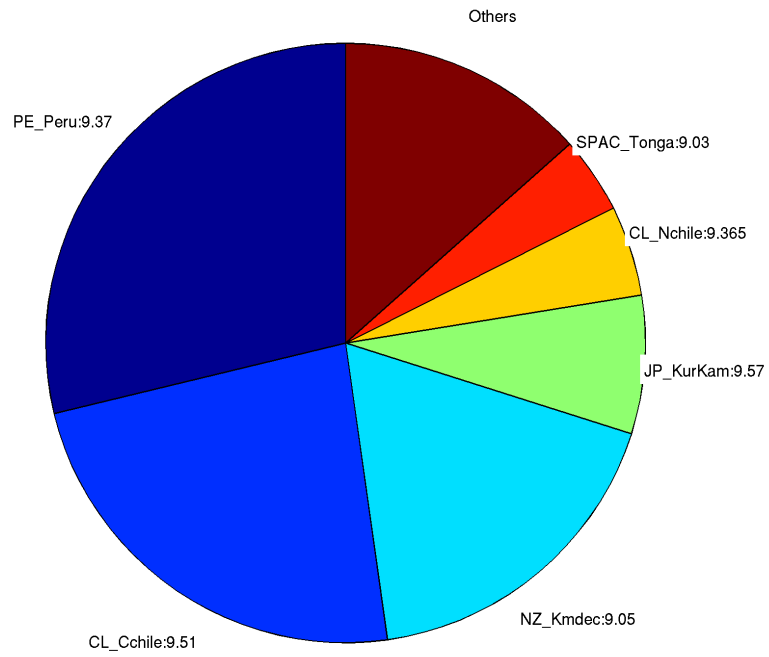
Deaggregation of Zone:49, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9906 m



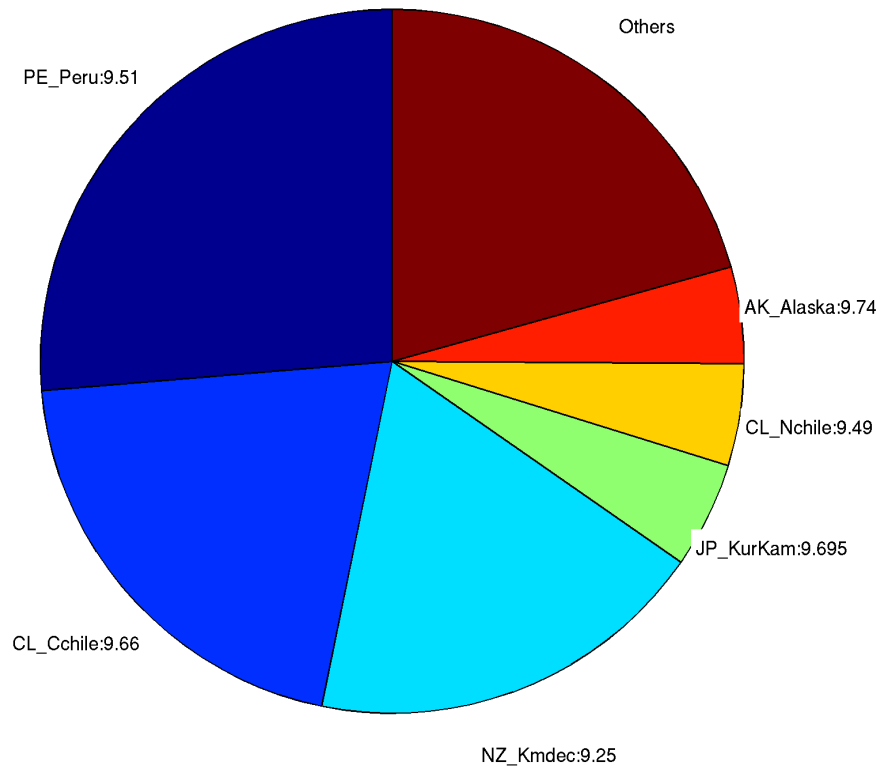
# 50. WHAKATANE



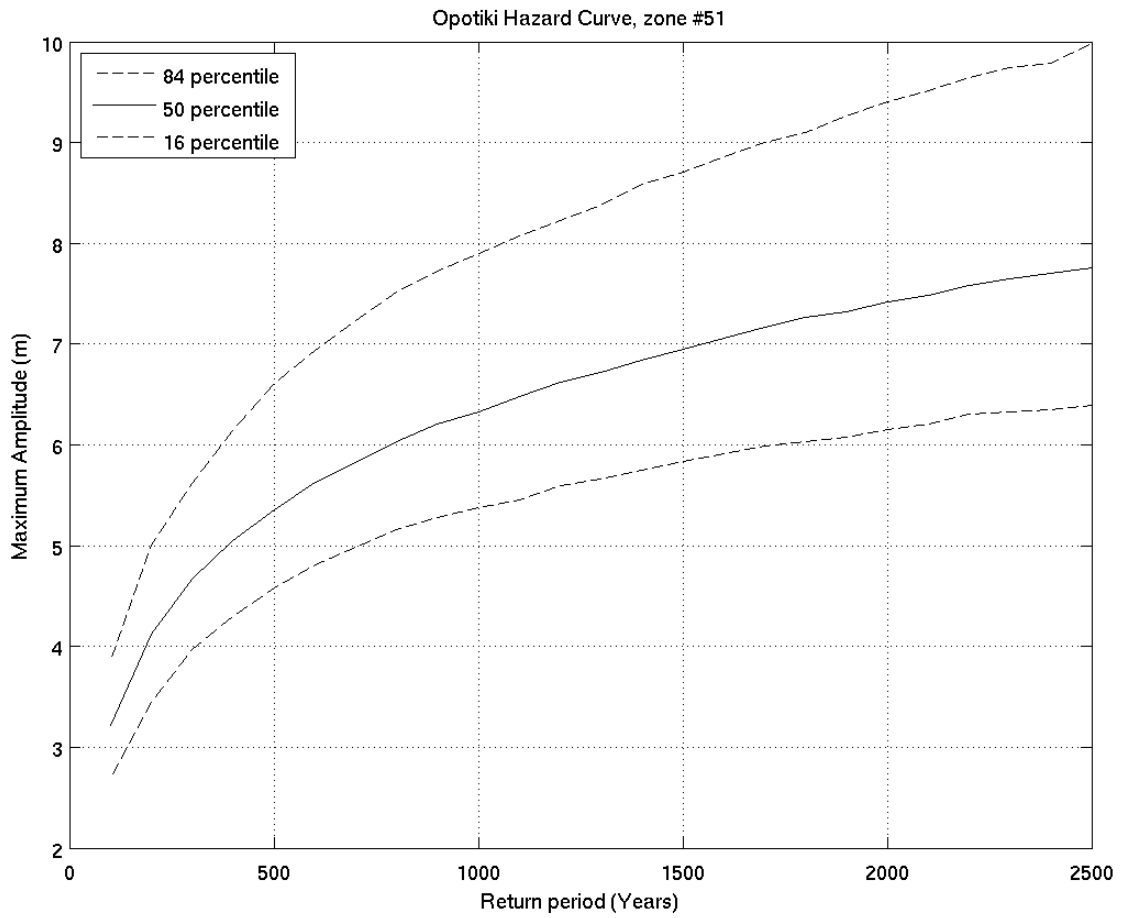
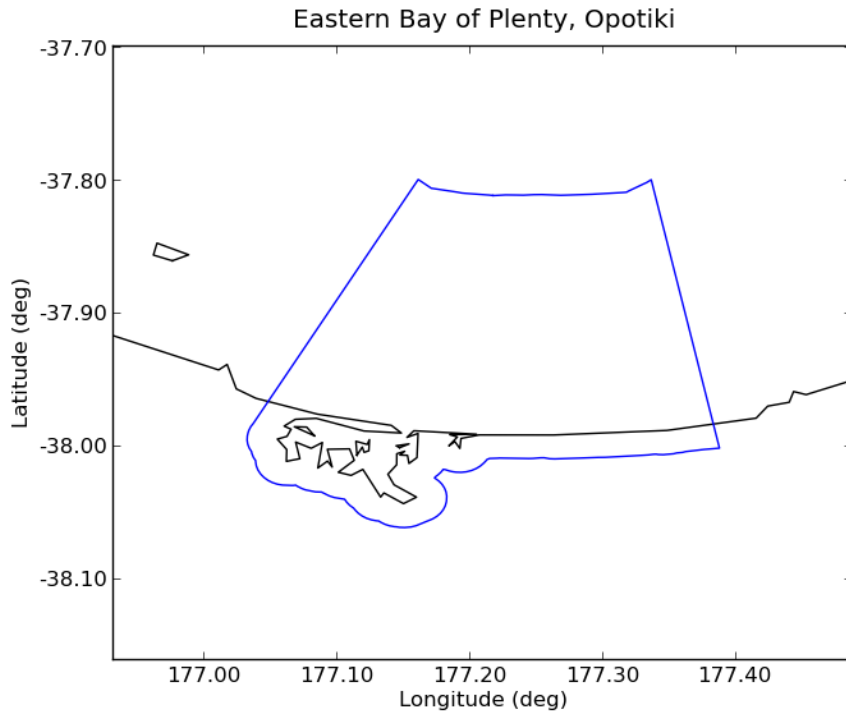
Deaggregation of Zone:50, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7427 m



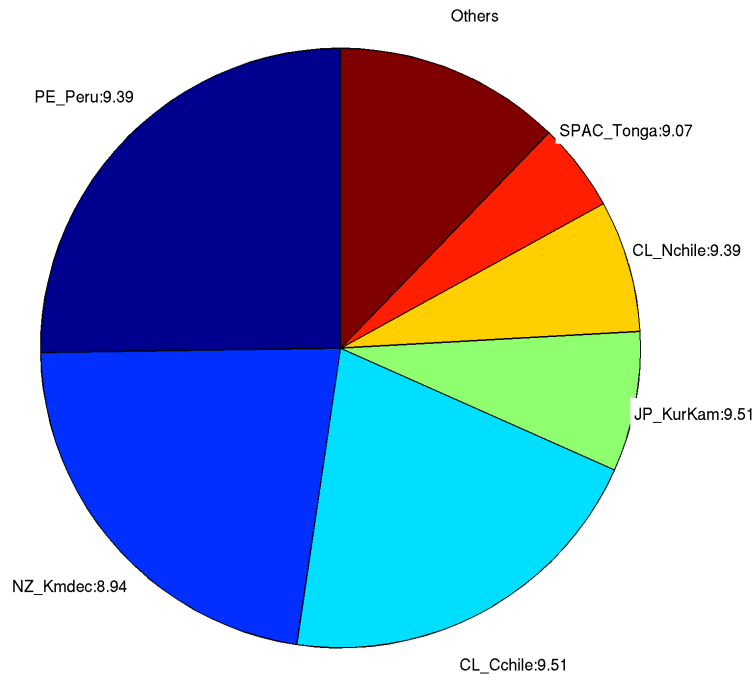
Deaggregation of Zone:50, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7611 m



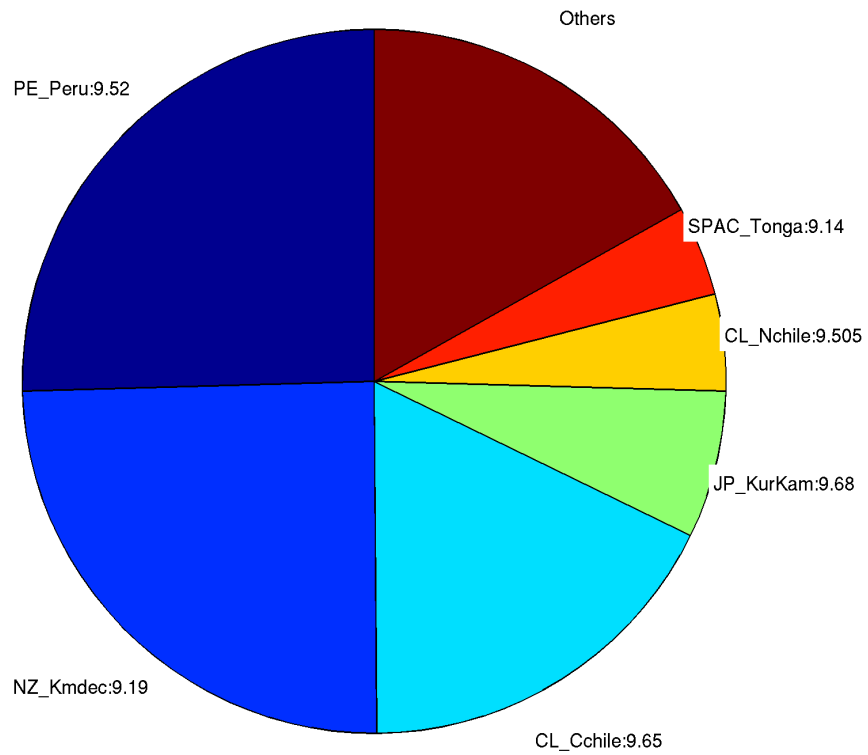
51. *Opotiki*



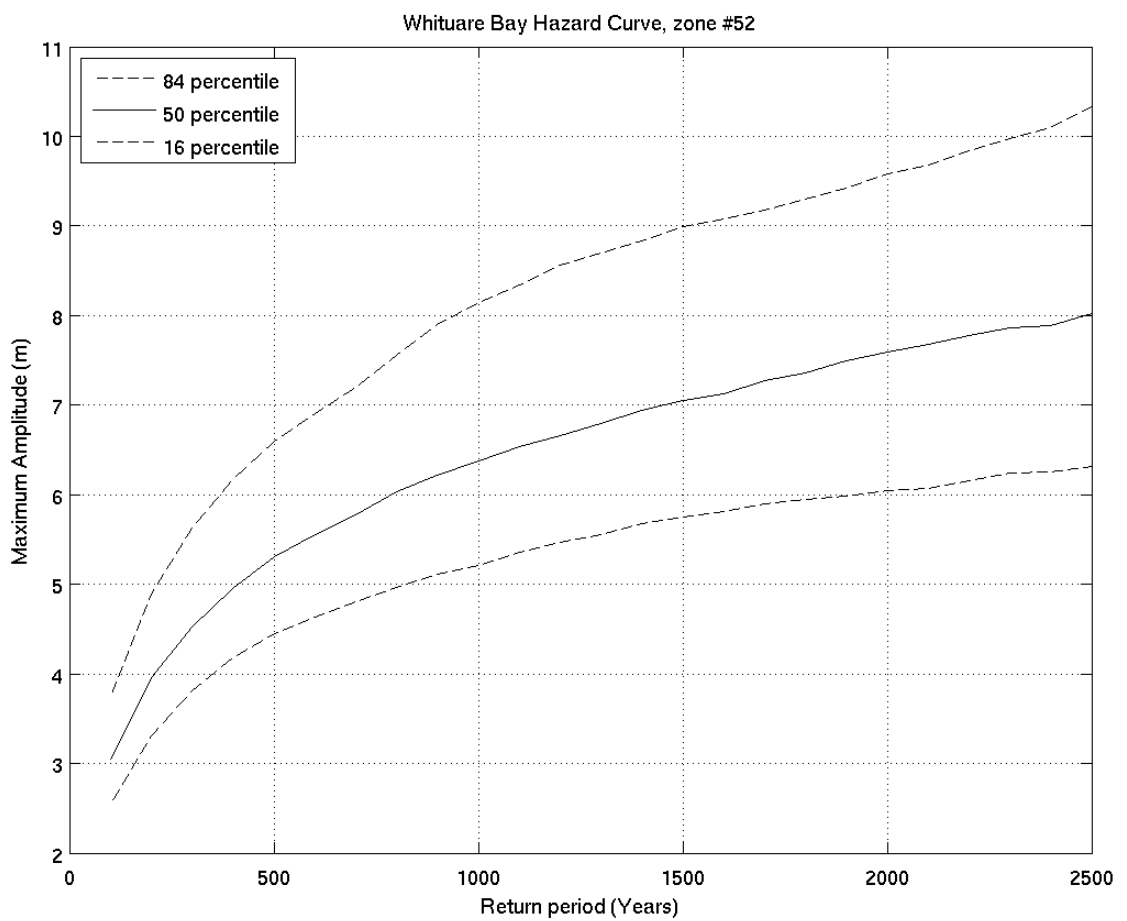
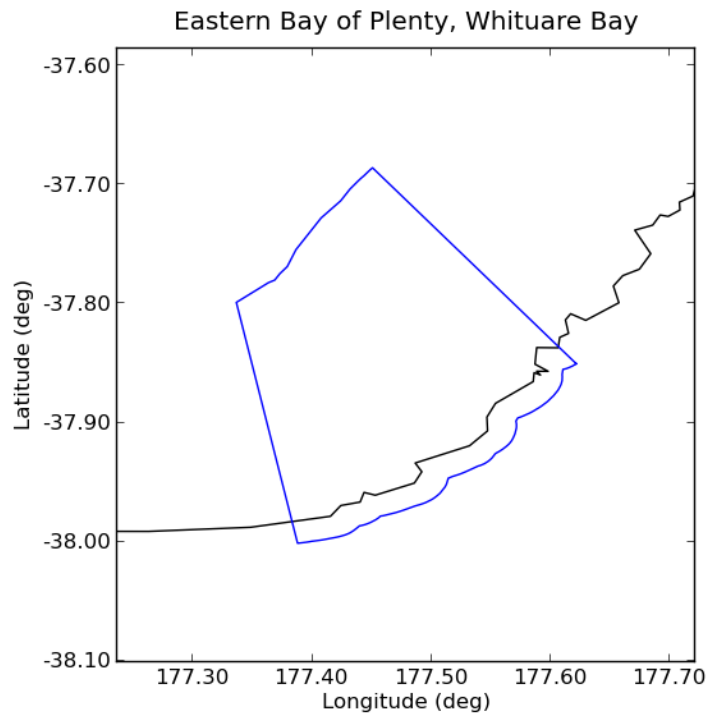
Deaggregation of Zone:51, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.356 m



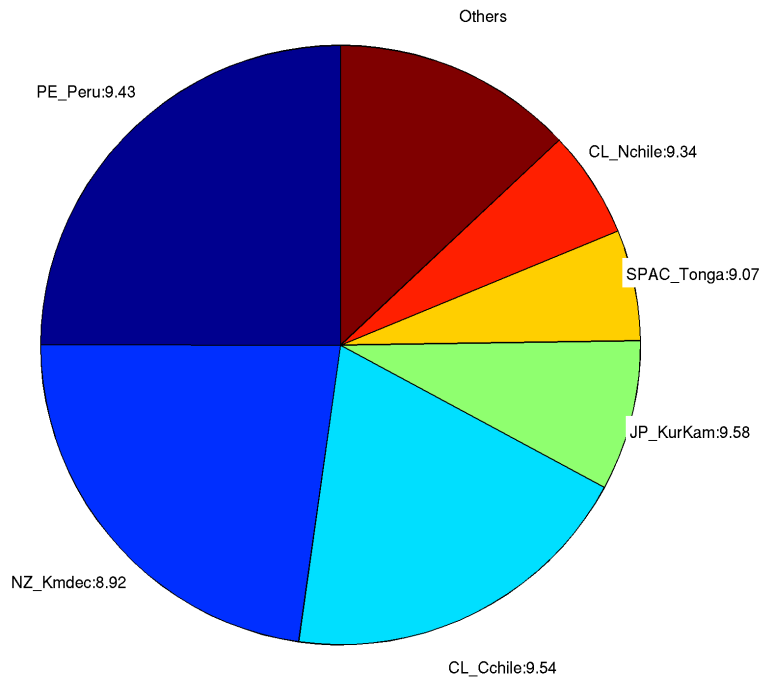
Deaggregation of Zone:51, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7617 m



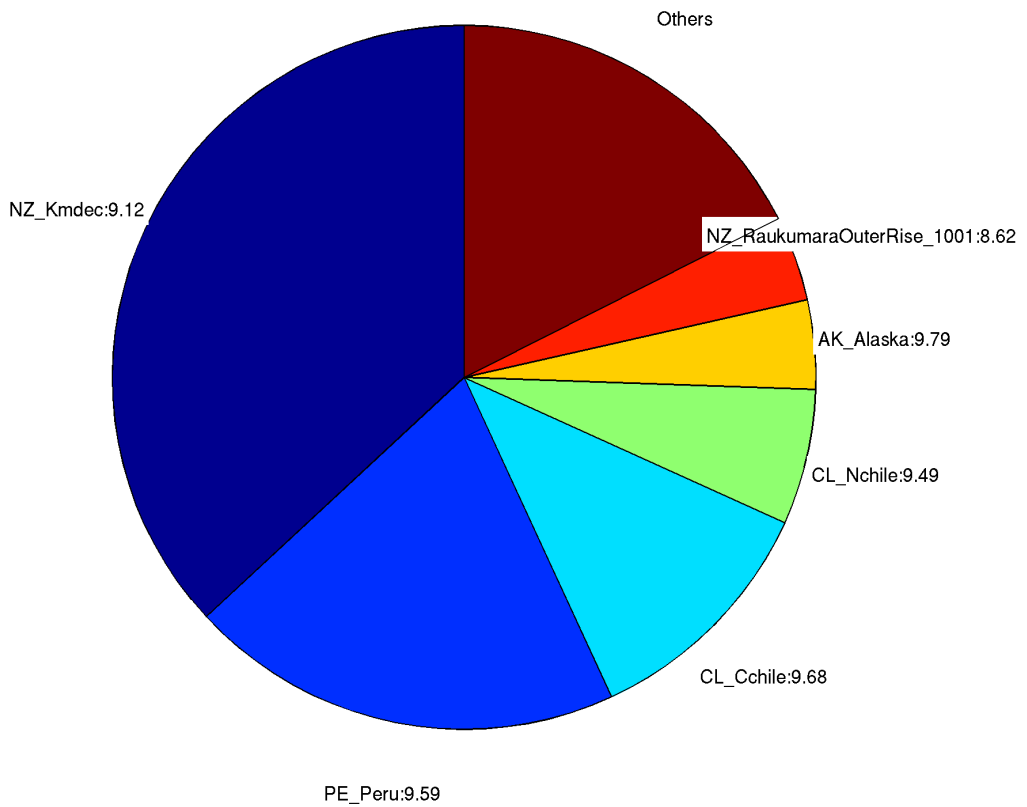
## 52. *Whituare Bay*



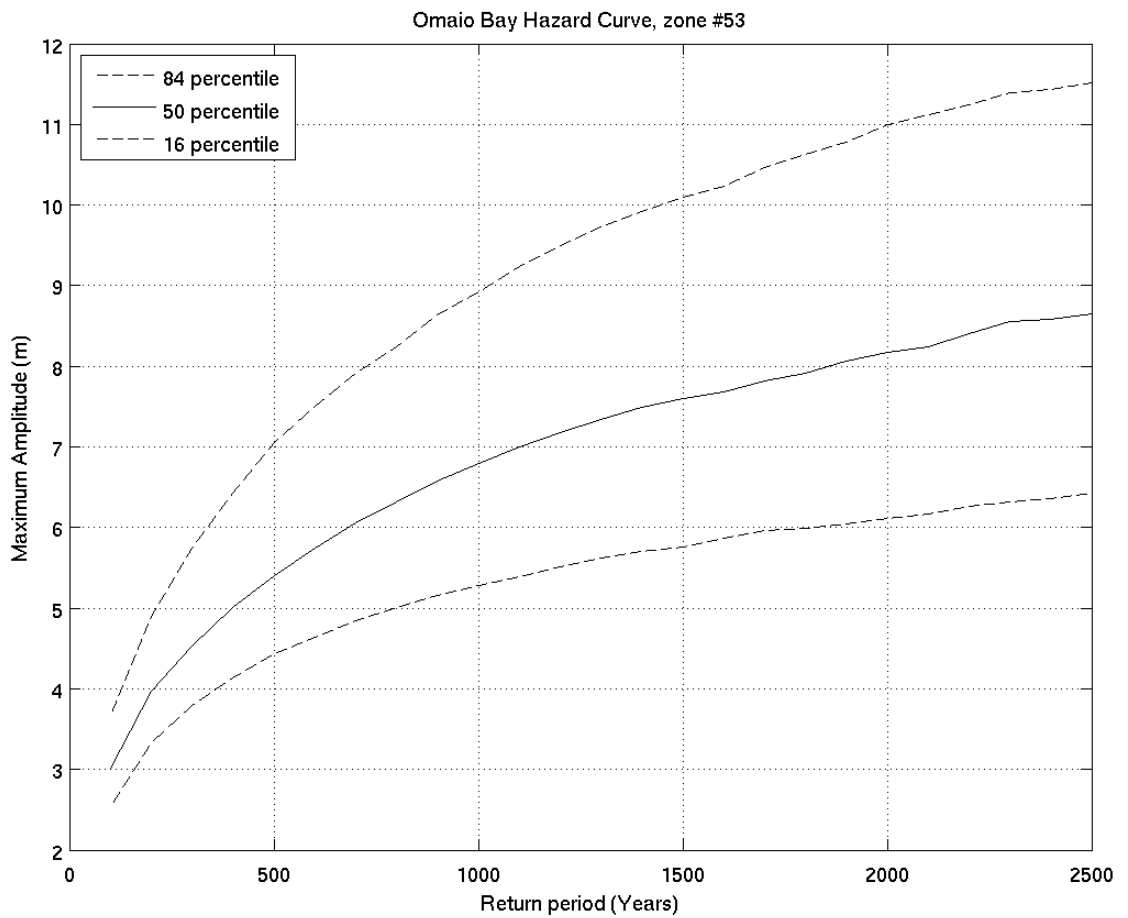
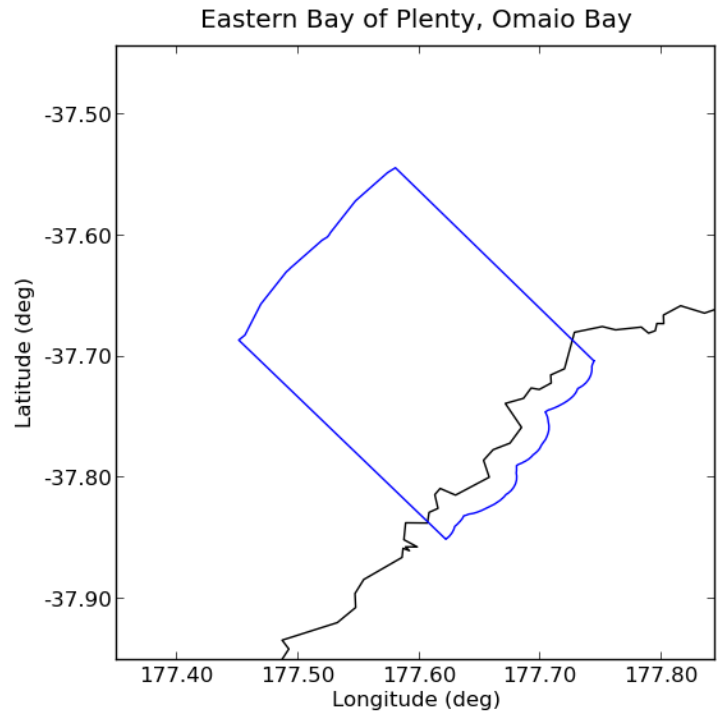
Deaggregation of Zone:52, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.2792 m



Deaggregation of Zone:52, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.0157 m

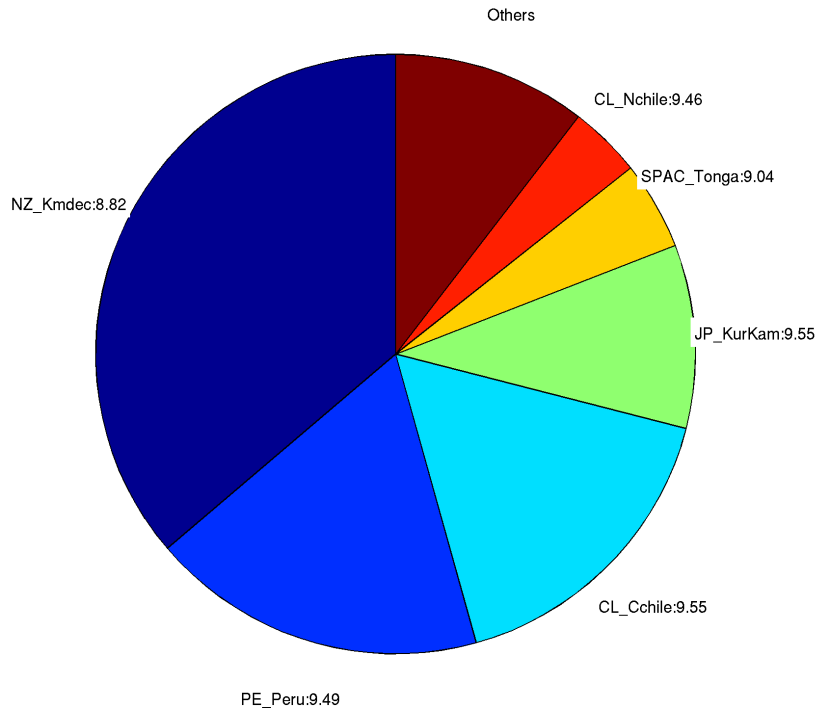


### 53. Omaio Bay

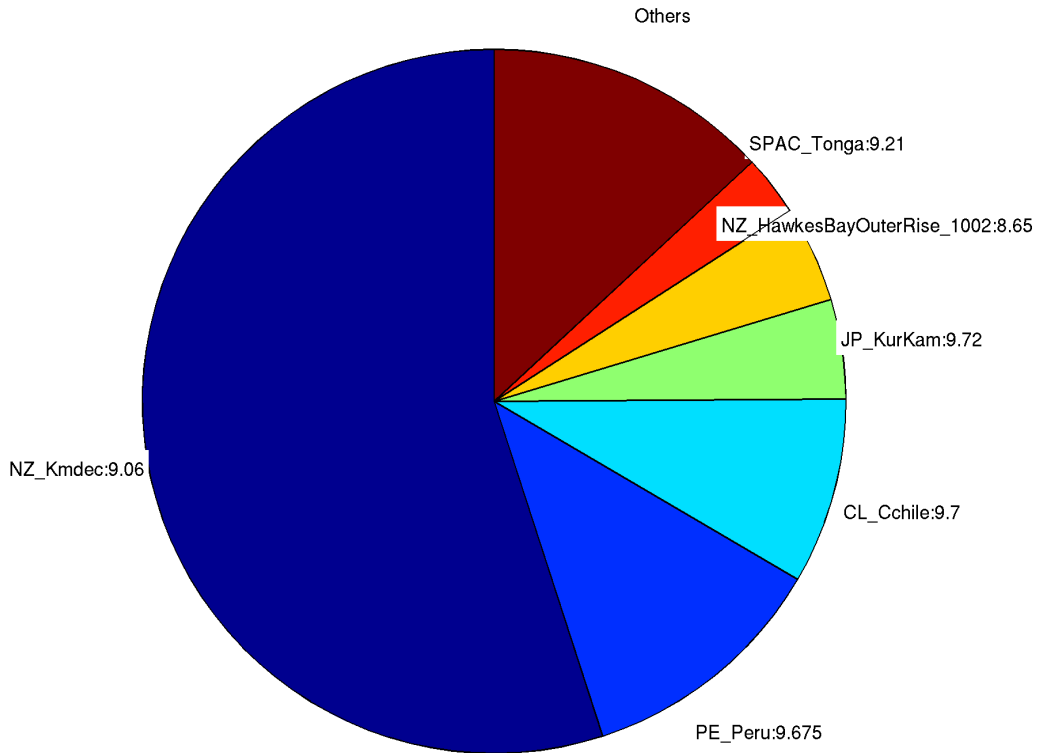




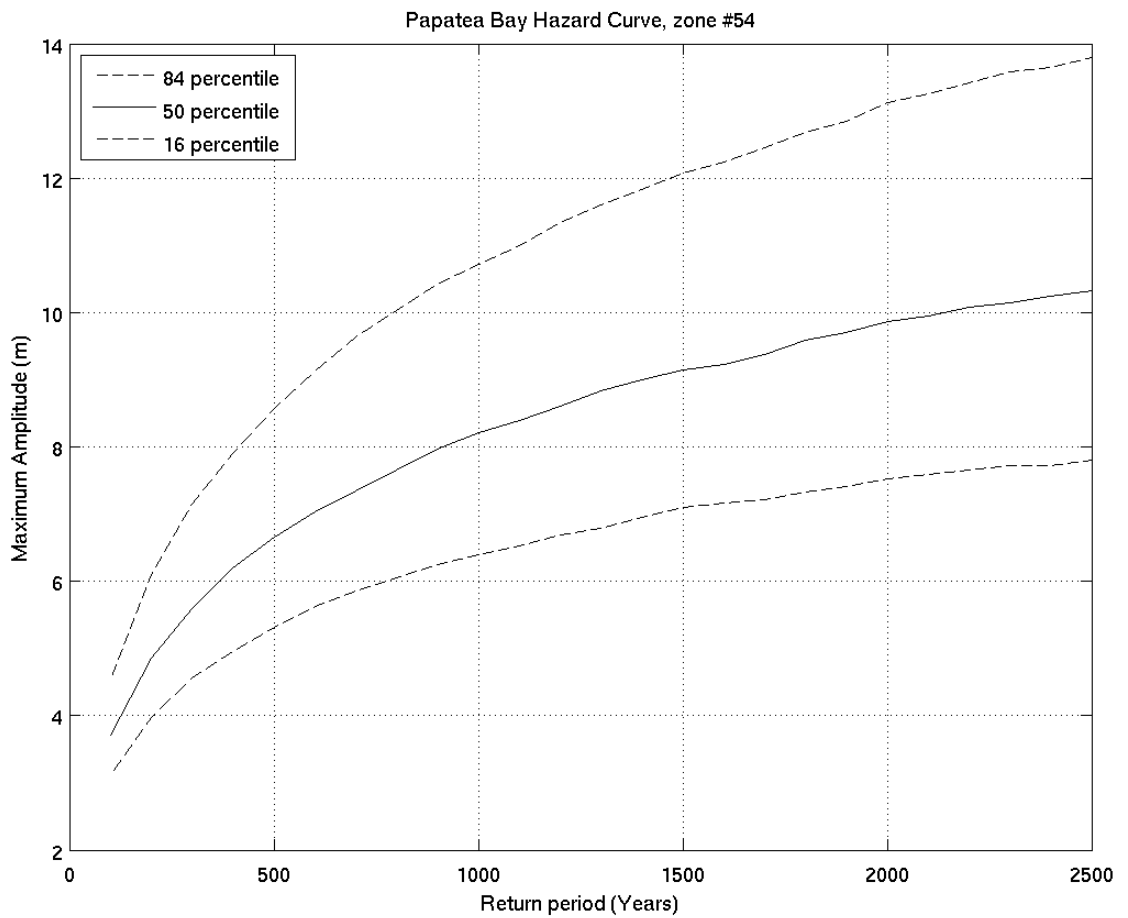
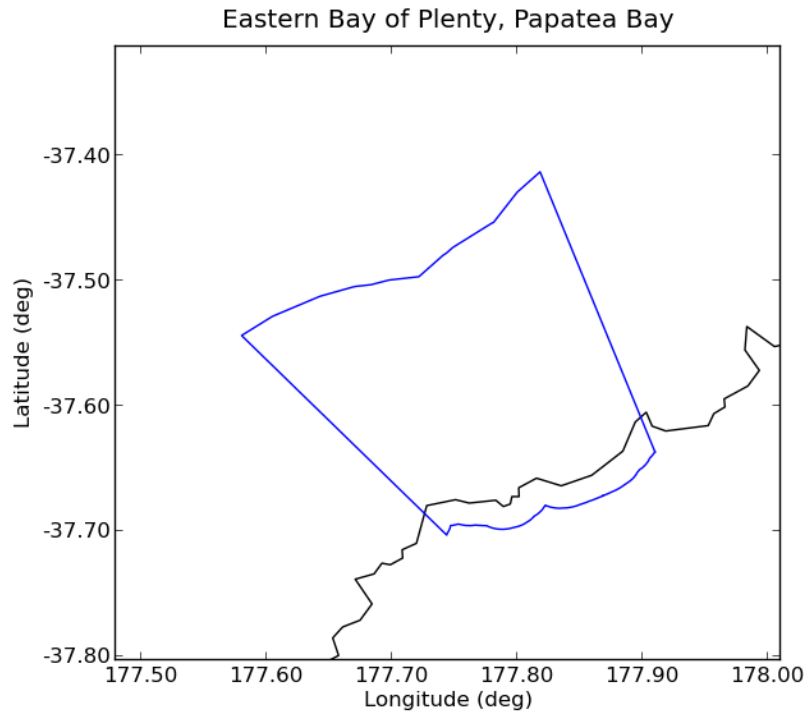
Deaggregation of Zone:53, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4043 m



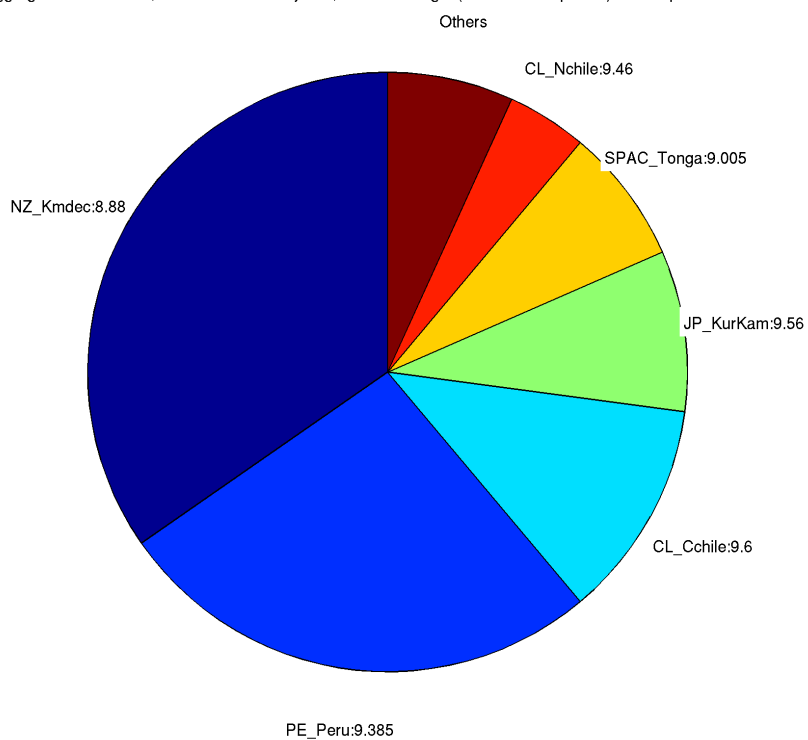
Deaggregation of Zone:53, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.636 m



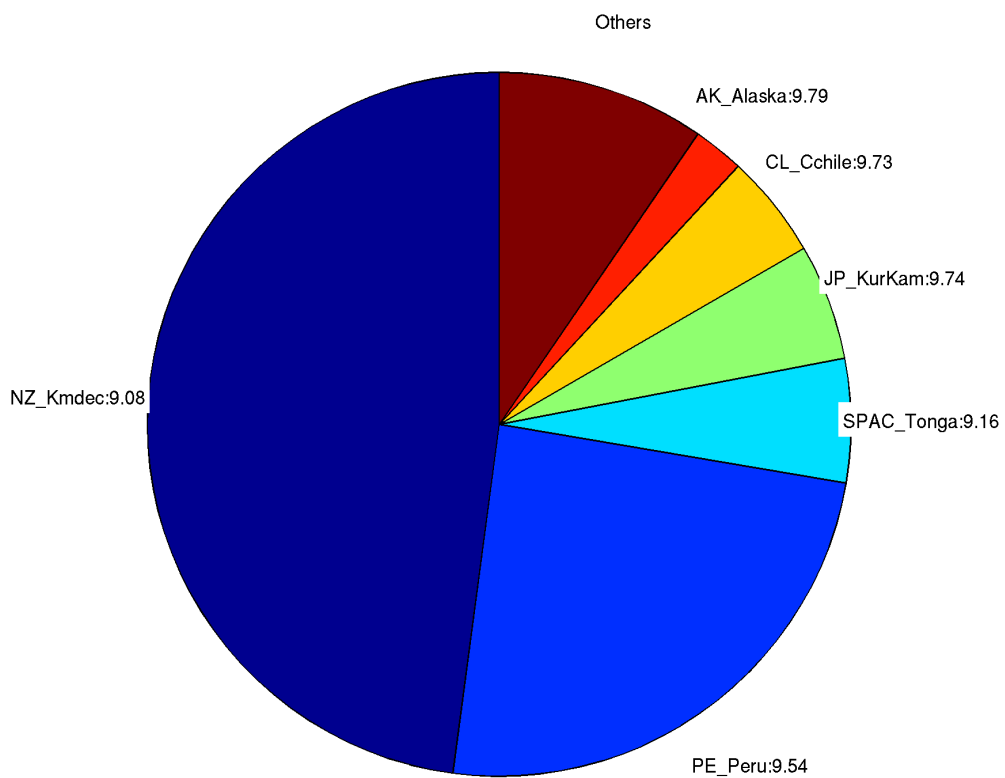
## 54. Papatea Bay



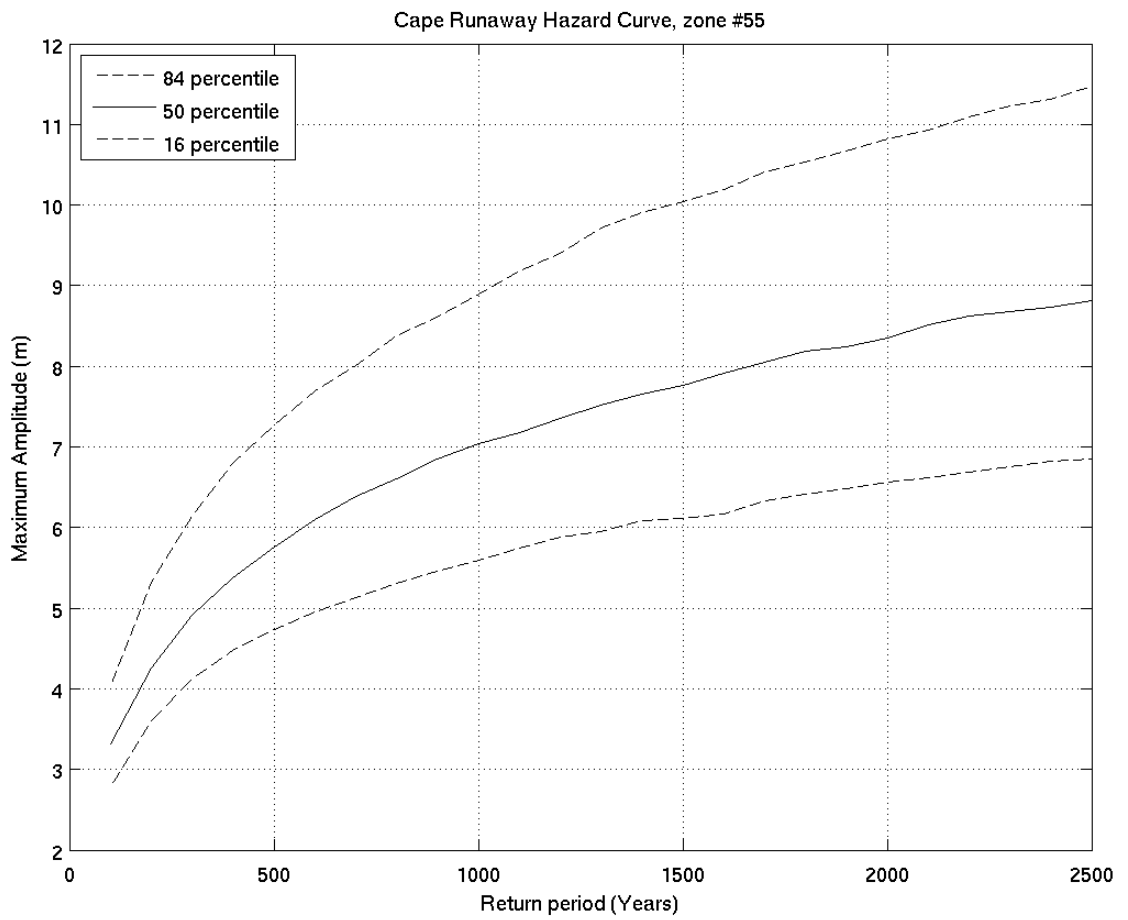
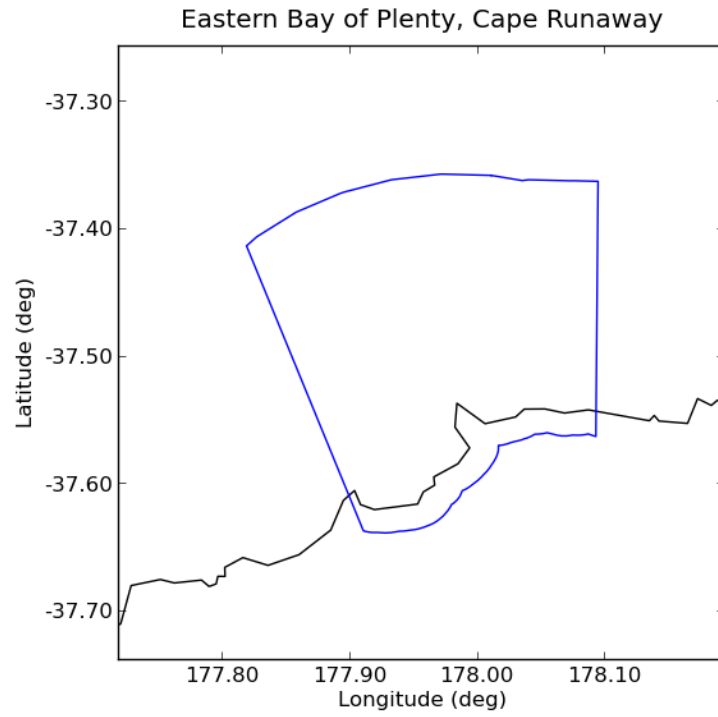
Deaggregation of Zone:54, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6374 m



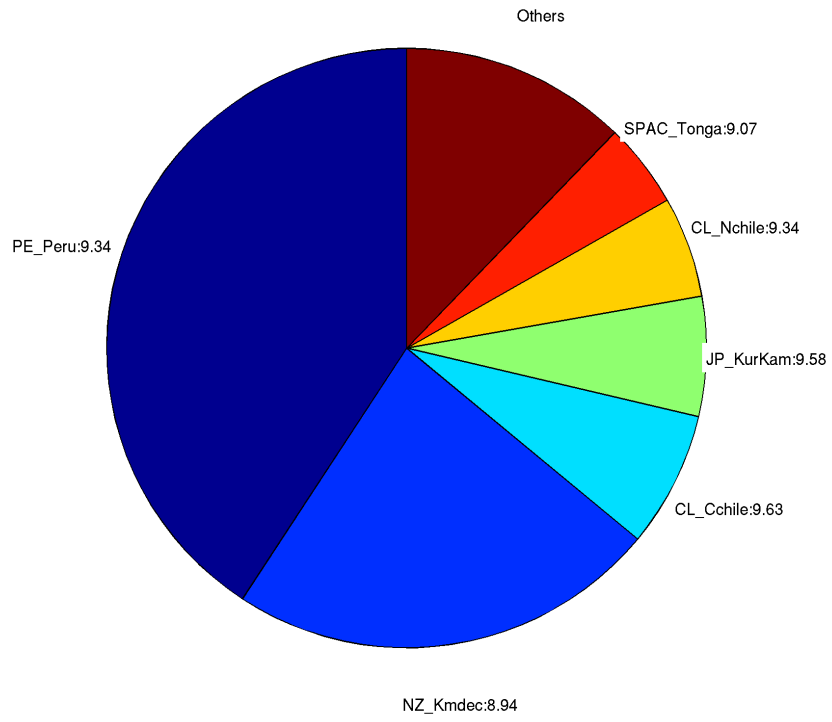
Deaggregation of Zone:54, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.3181 m



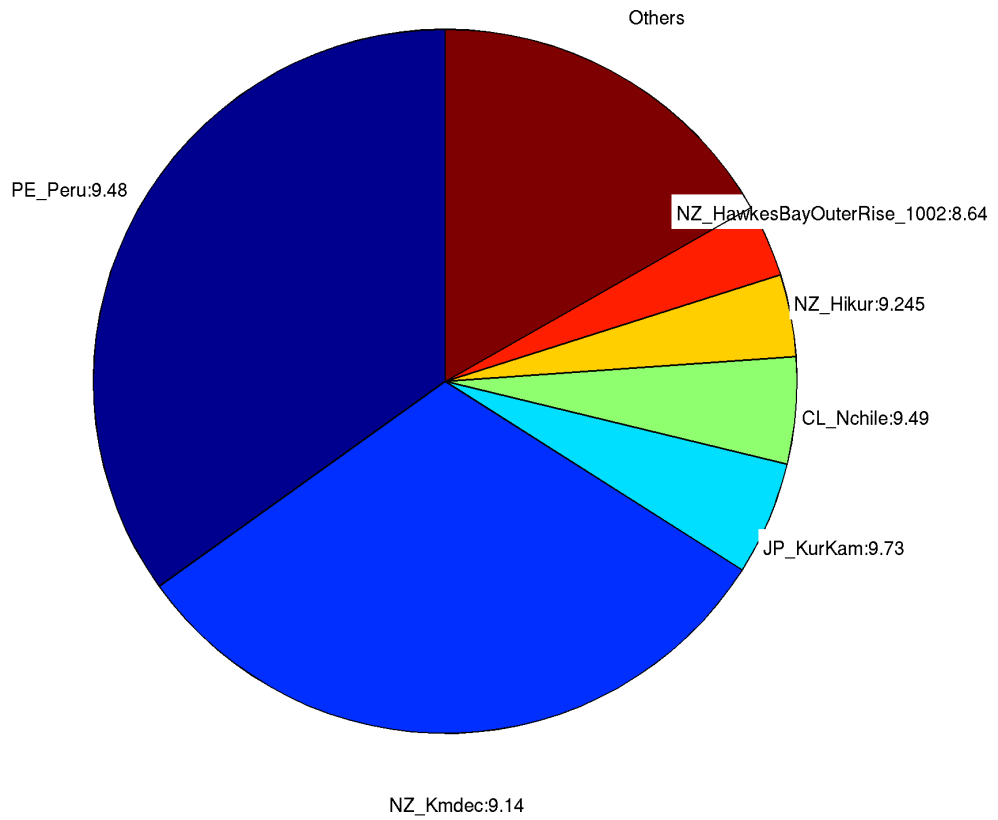
## 55. Cape Runaway



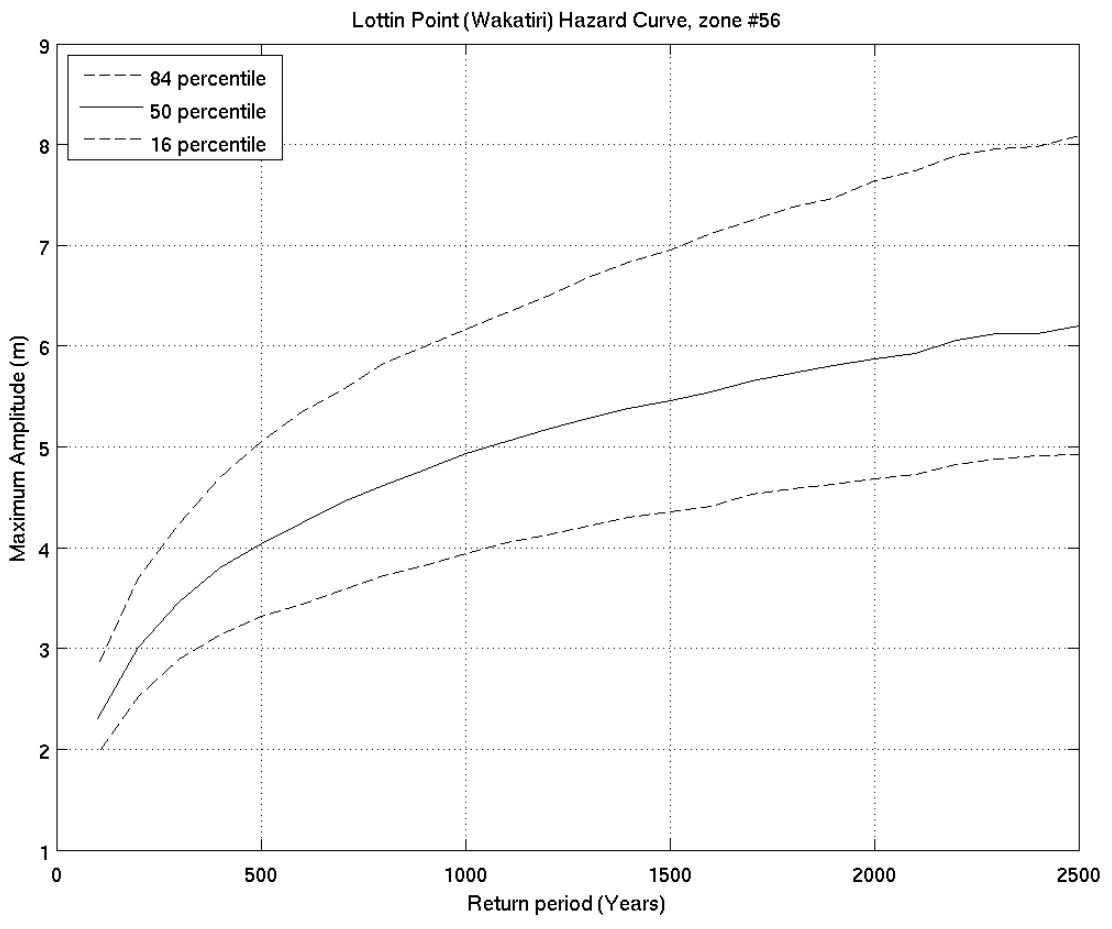
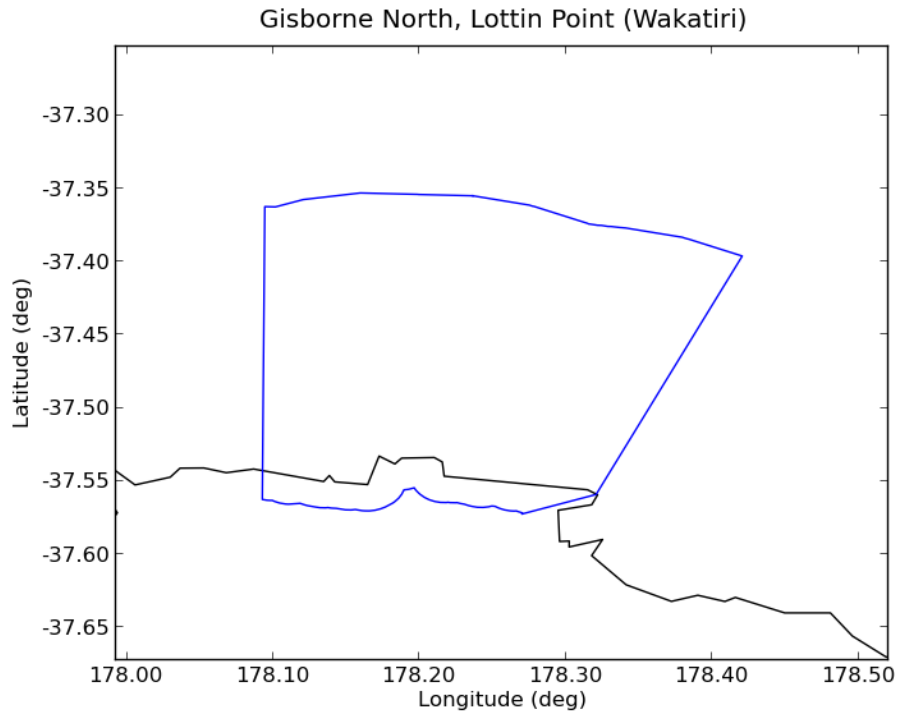
Deaggregation of Zone:55, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7647 m



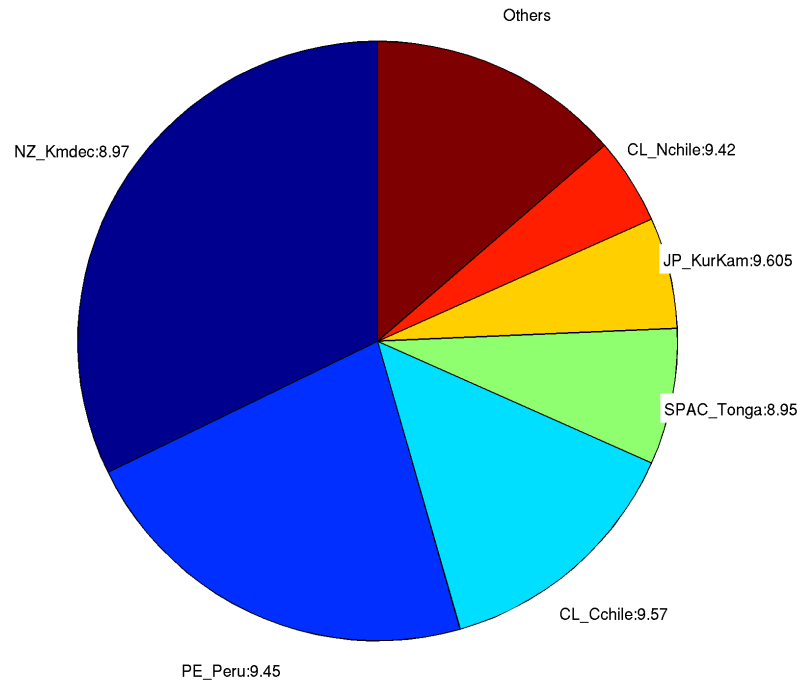
Deaggregation of Zone:55, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.8041 m



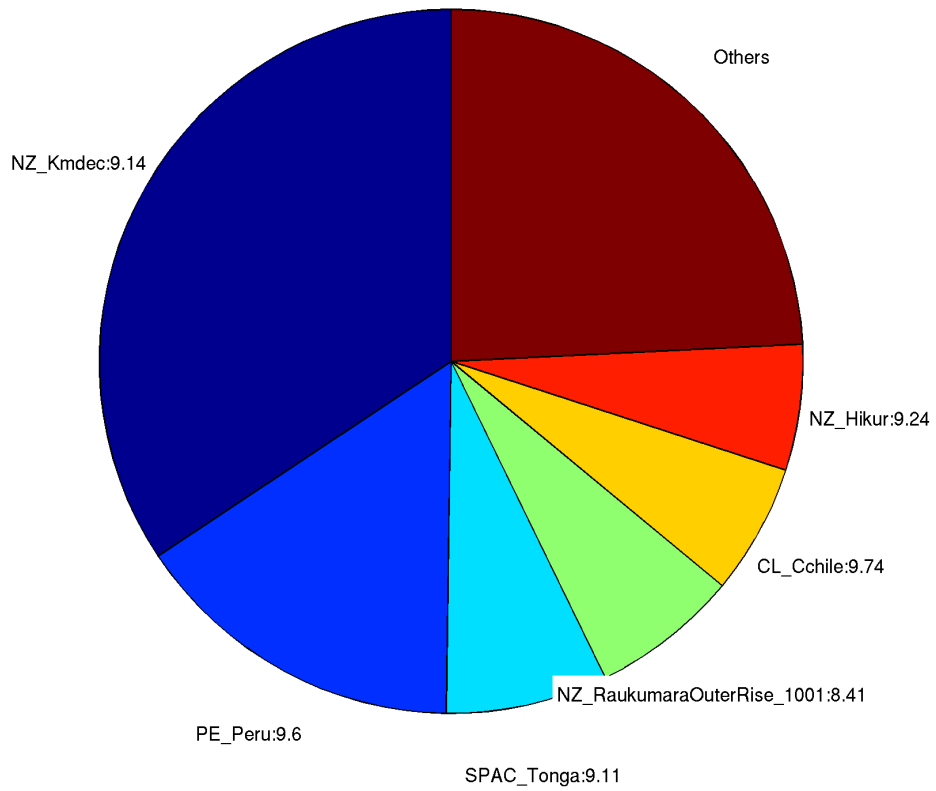
### 56. Lottin Point (Wakatiri)



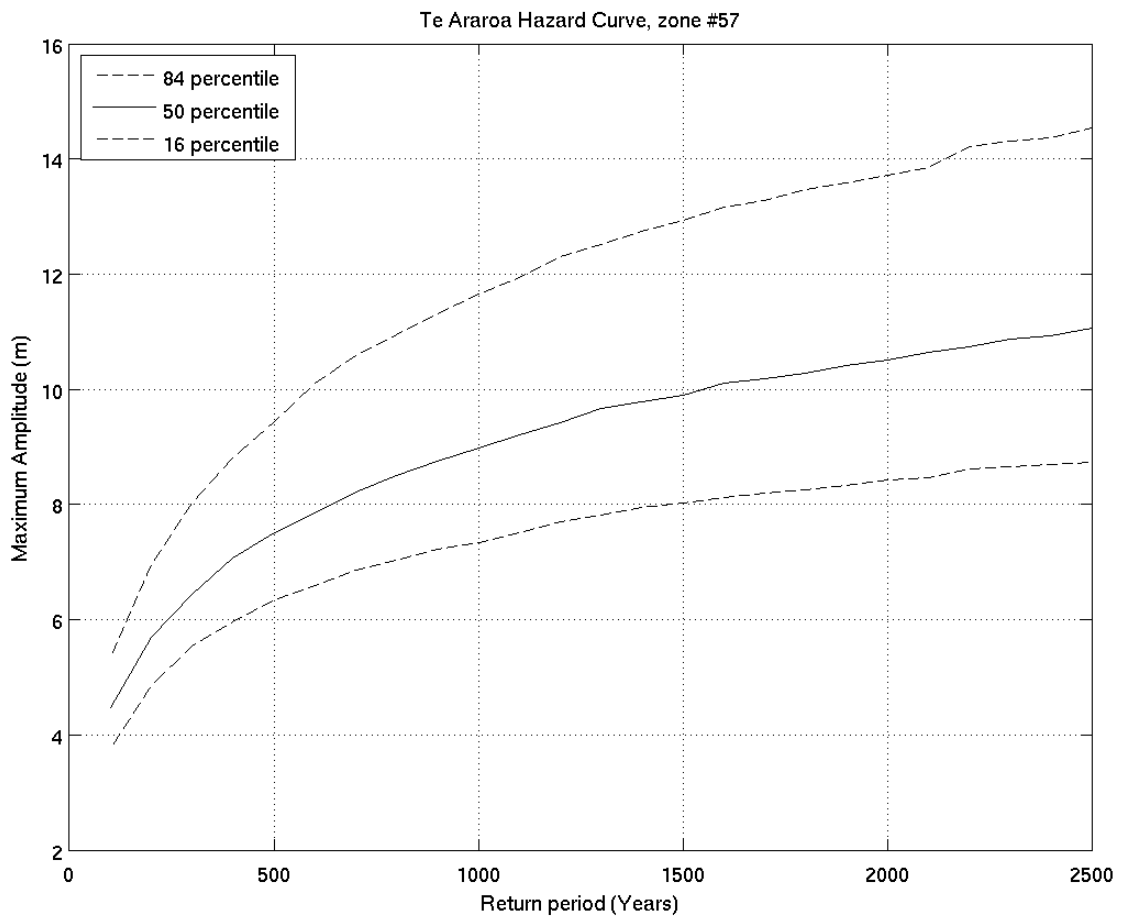
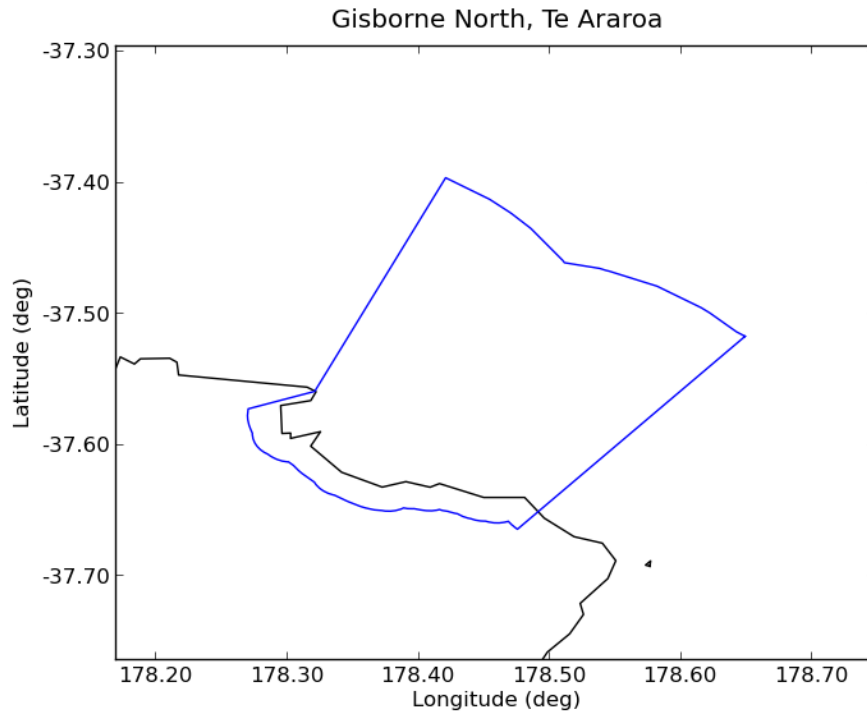
Deaggregation of Zone:56, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0423 m



Deaggregation of Zone:56, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.1964 m

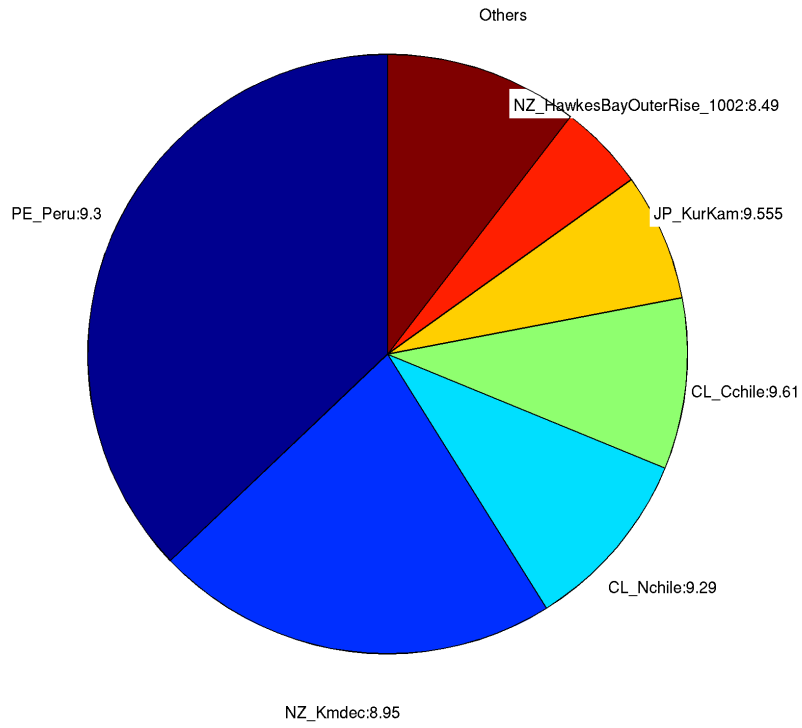


## 57. Te Araroa

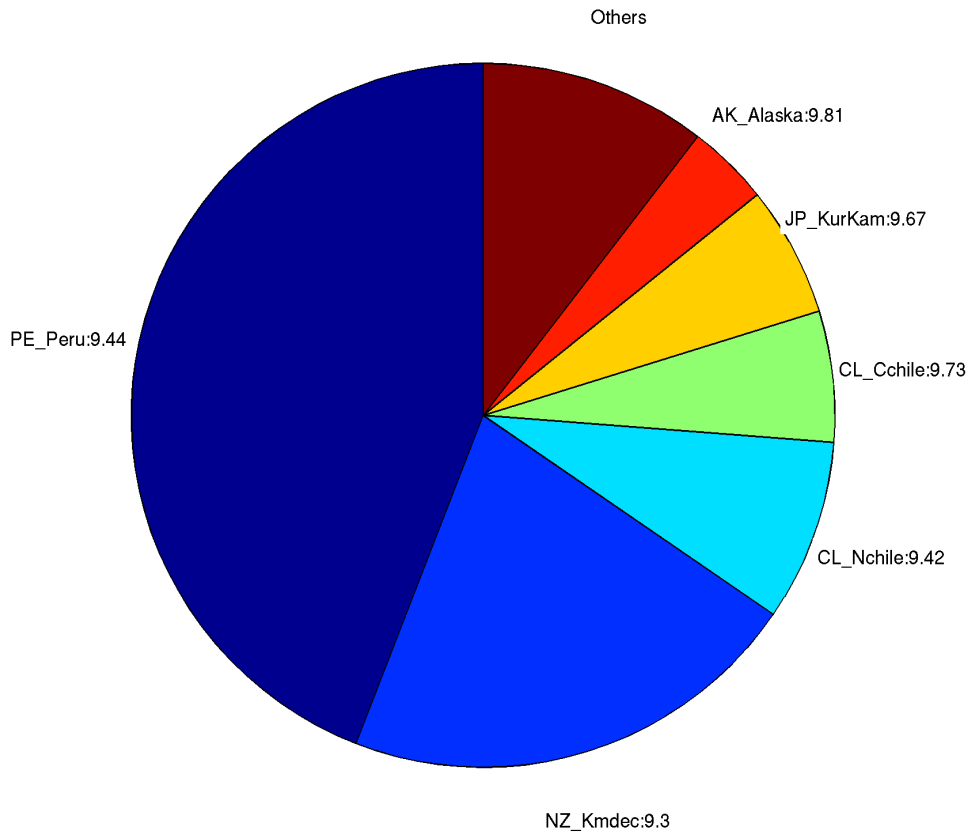




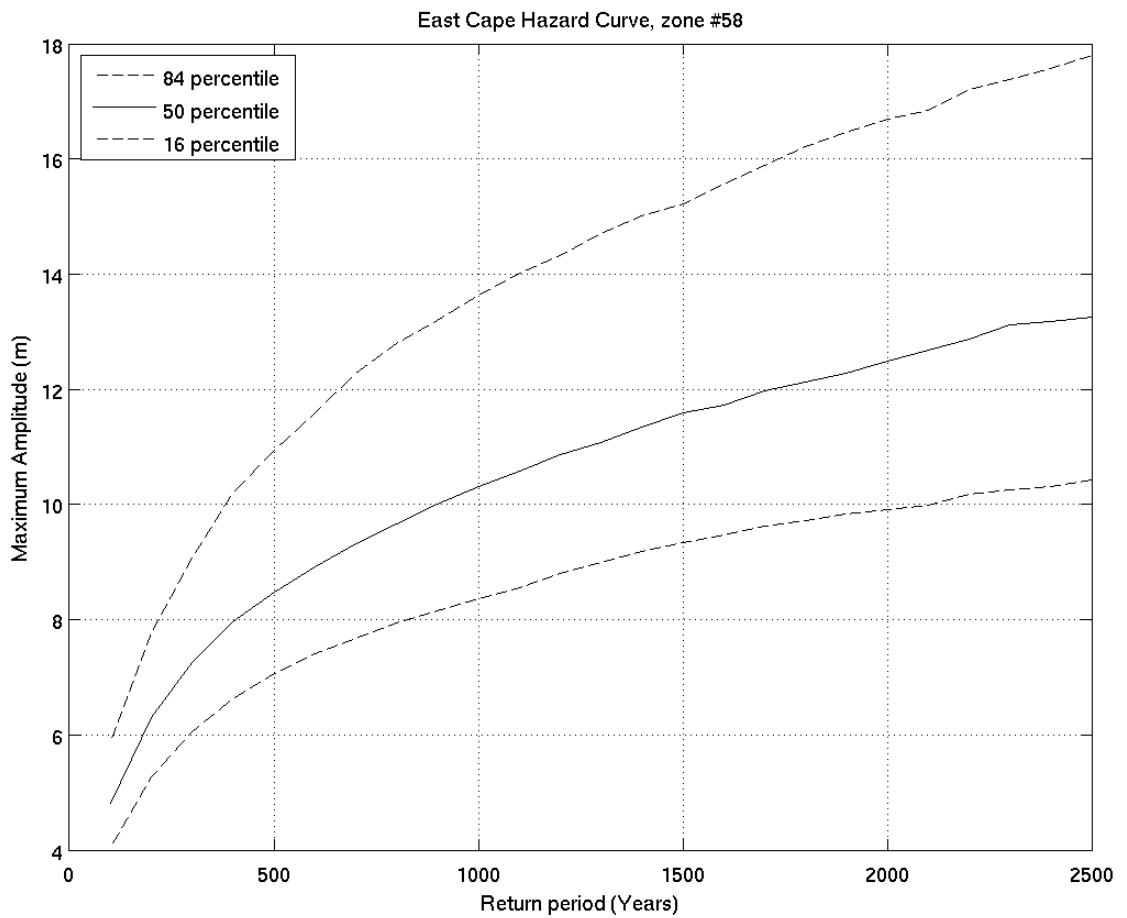
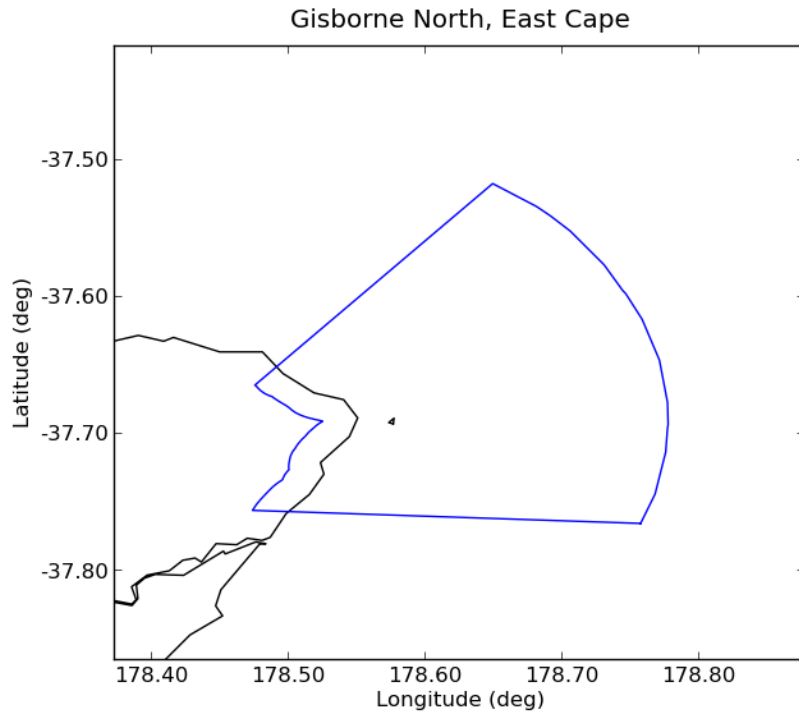
Deaggregation of Zone:57, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5143 m



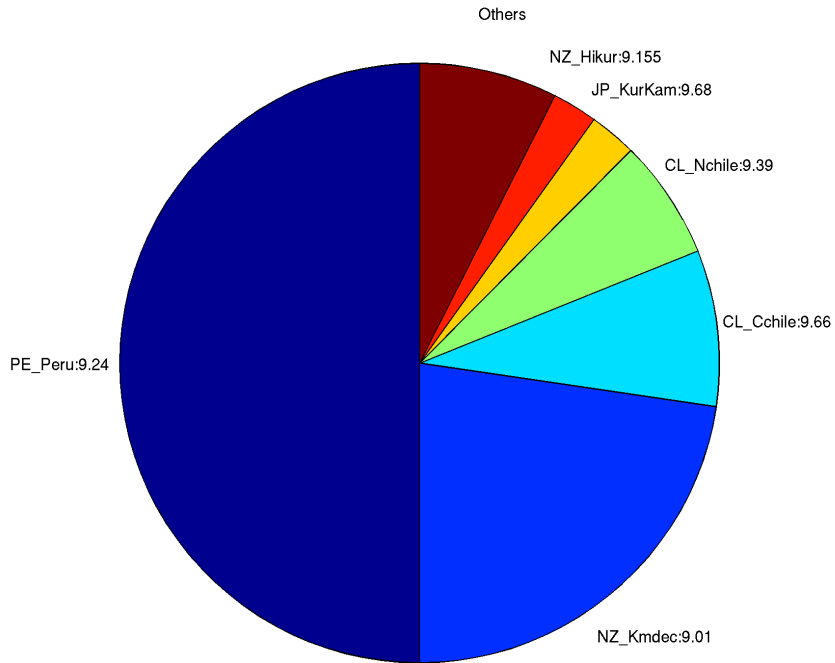
Deaggregation of Zone:57, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.0499 m



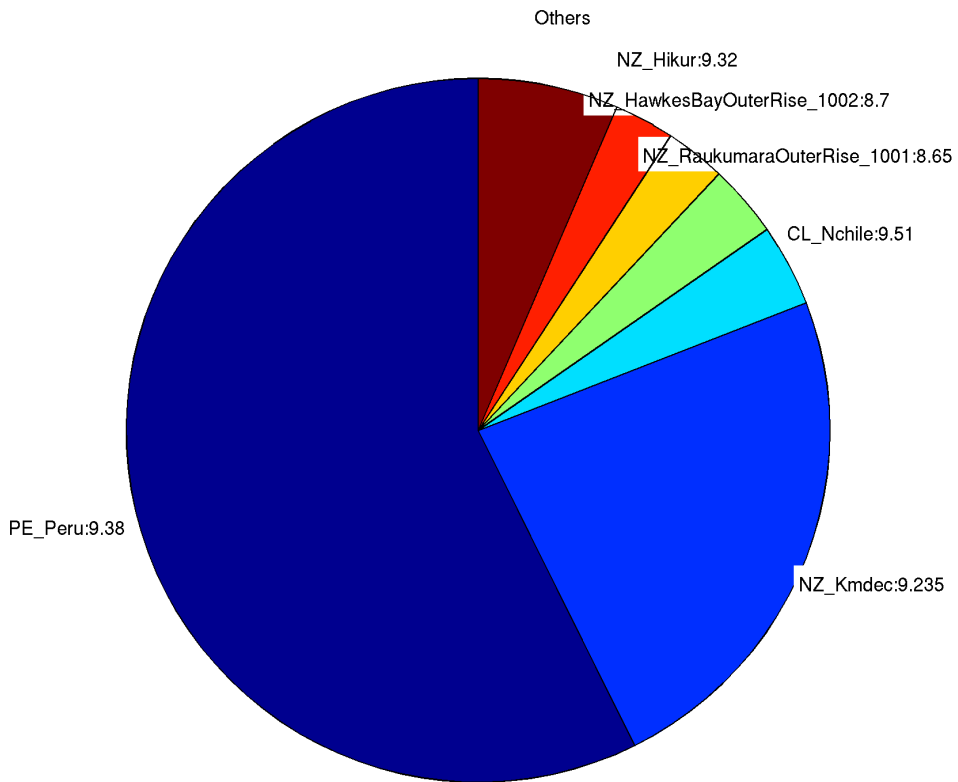
## 58. East Cape



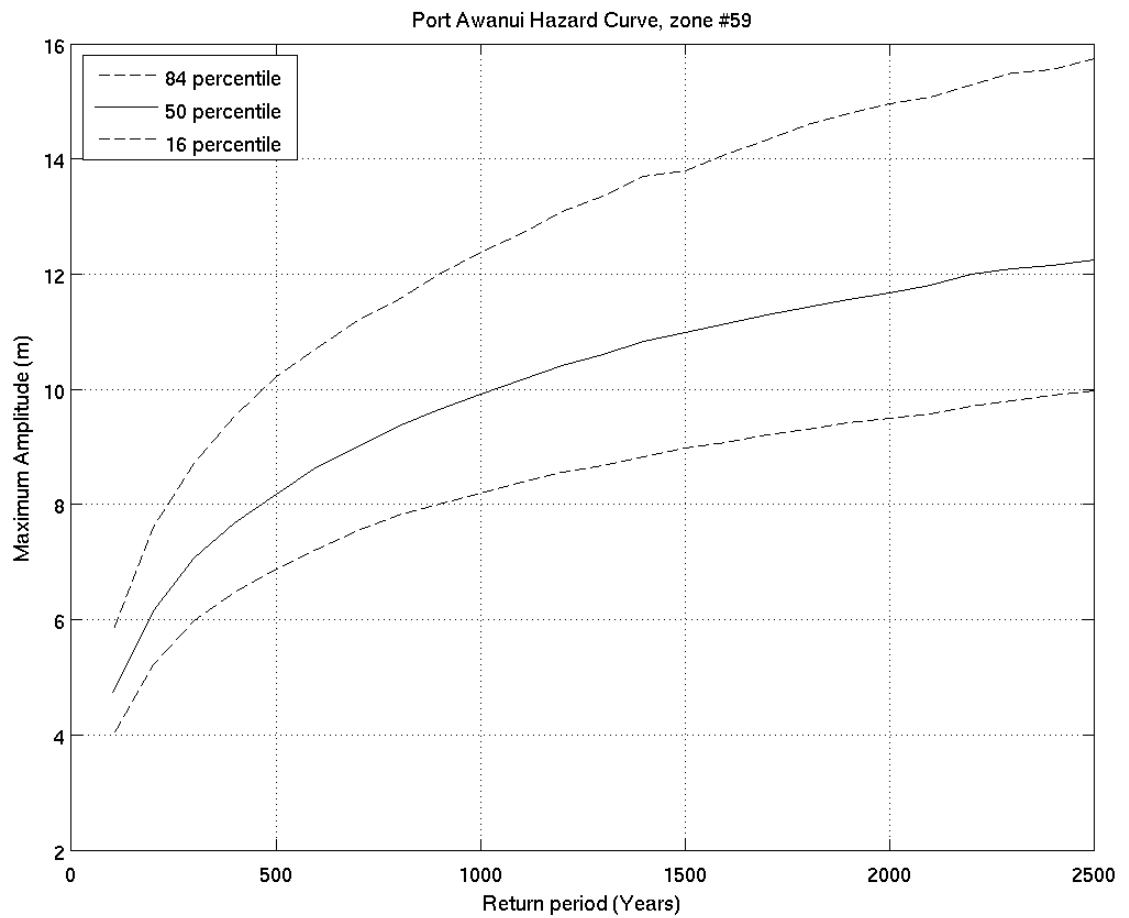
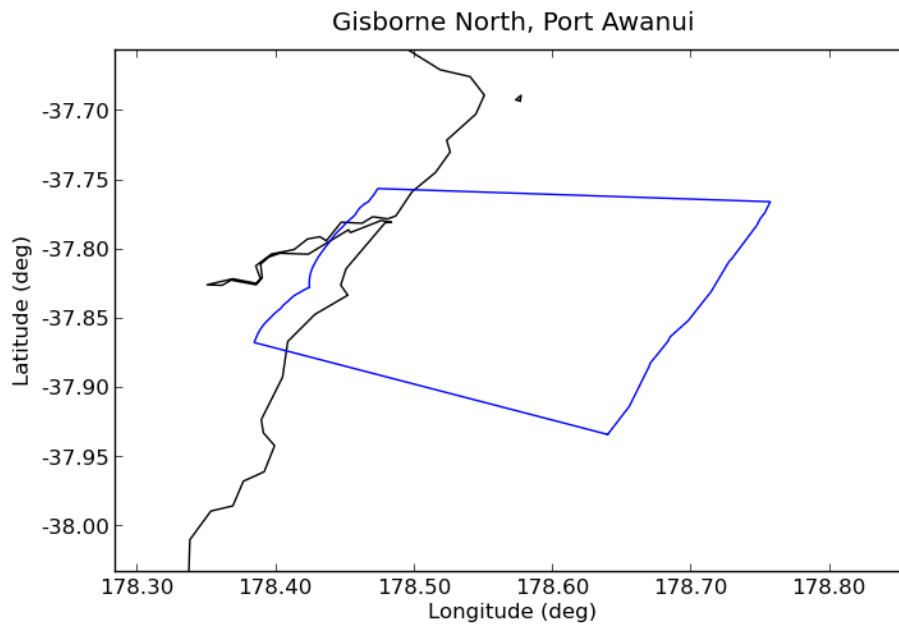
Deaggregation of Zone:58, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.4853 m



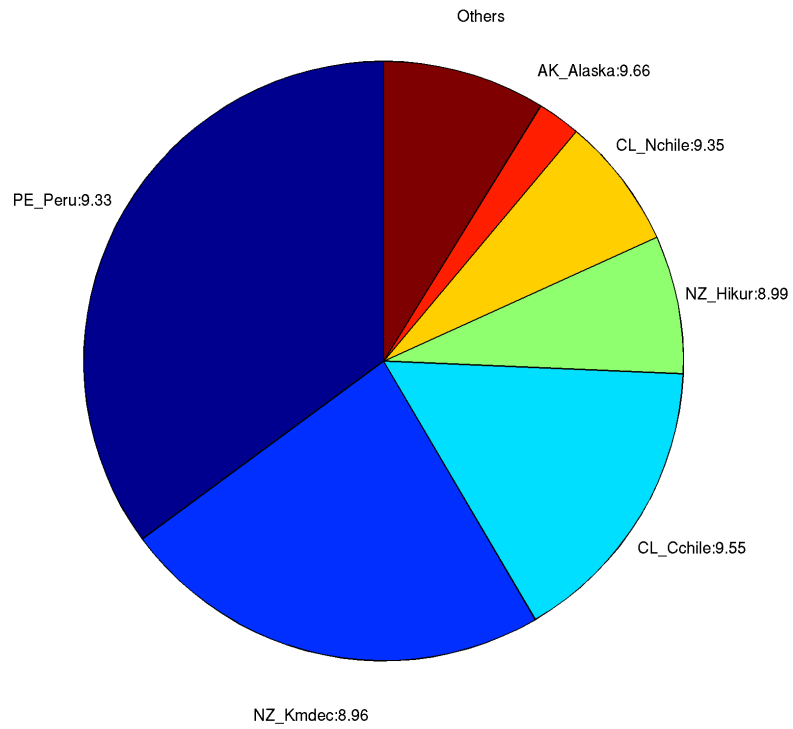
Deaggregation of Zone:58, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.2416 m



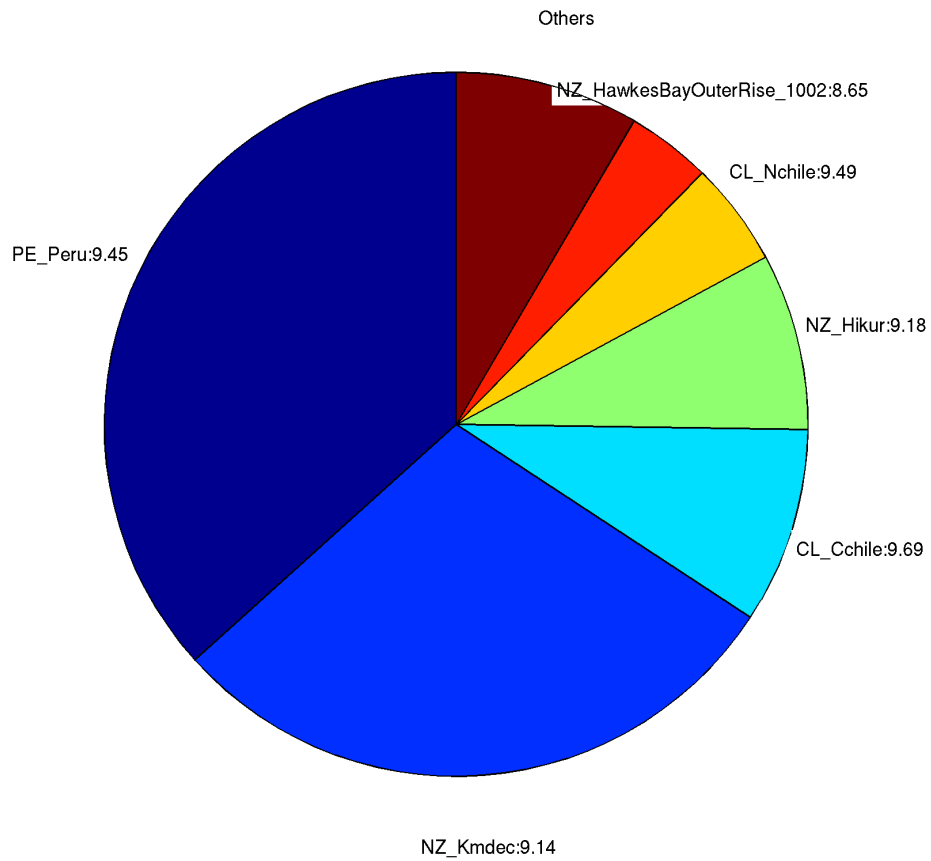
## 59. Port Awanui



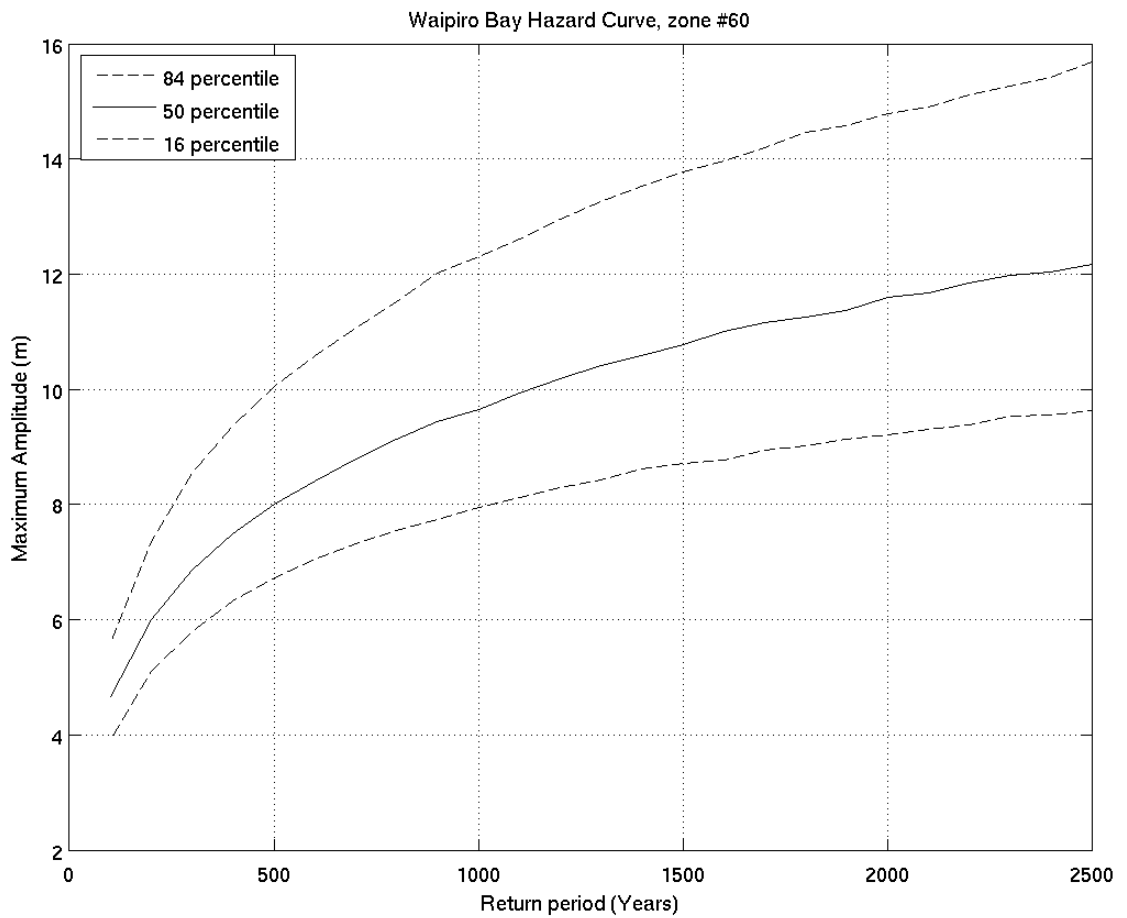
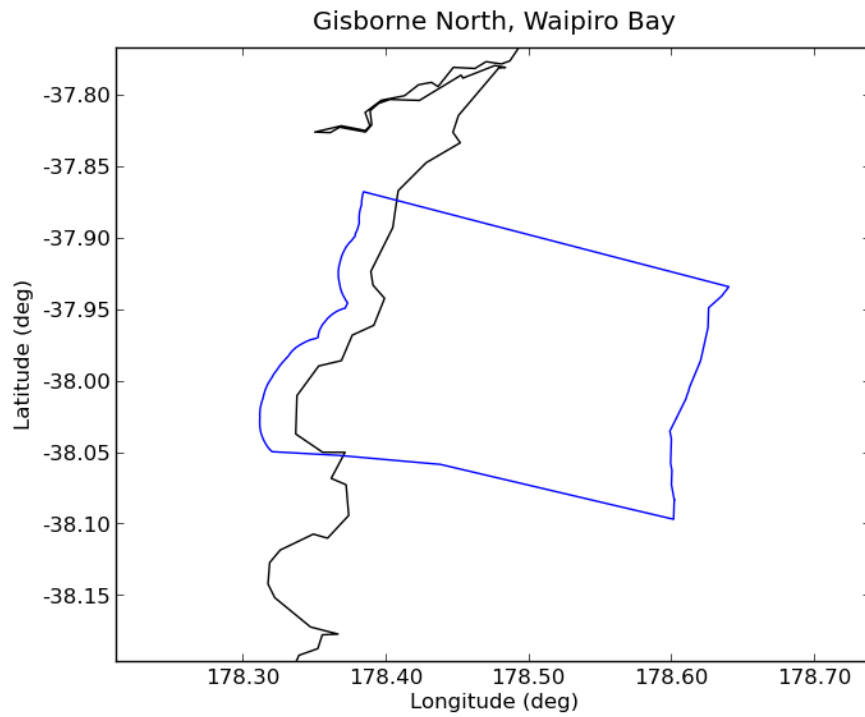
Deaggregation of Zone:59, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.169 m



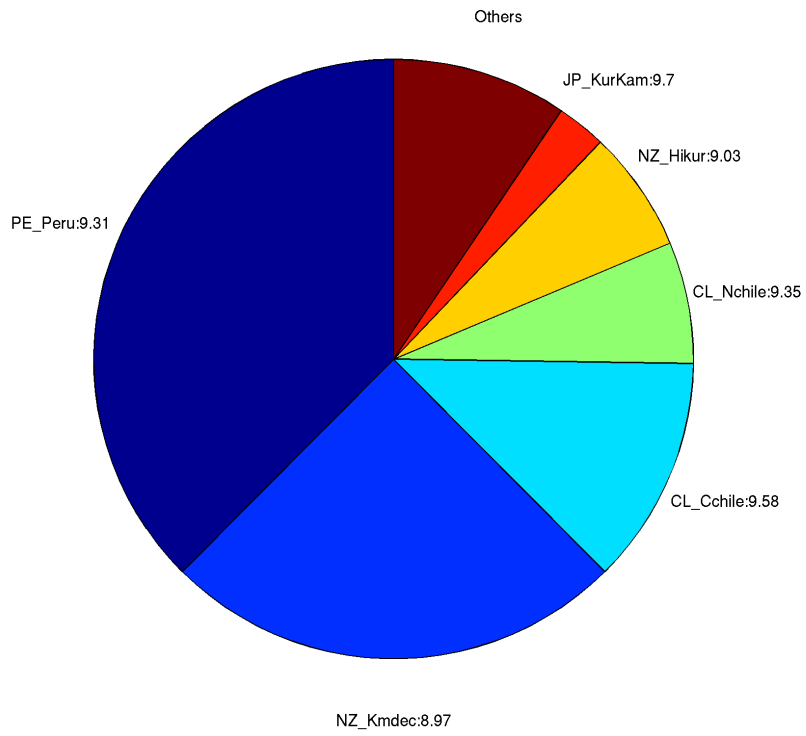
Deaggregation of Zone:59, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.239 m



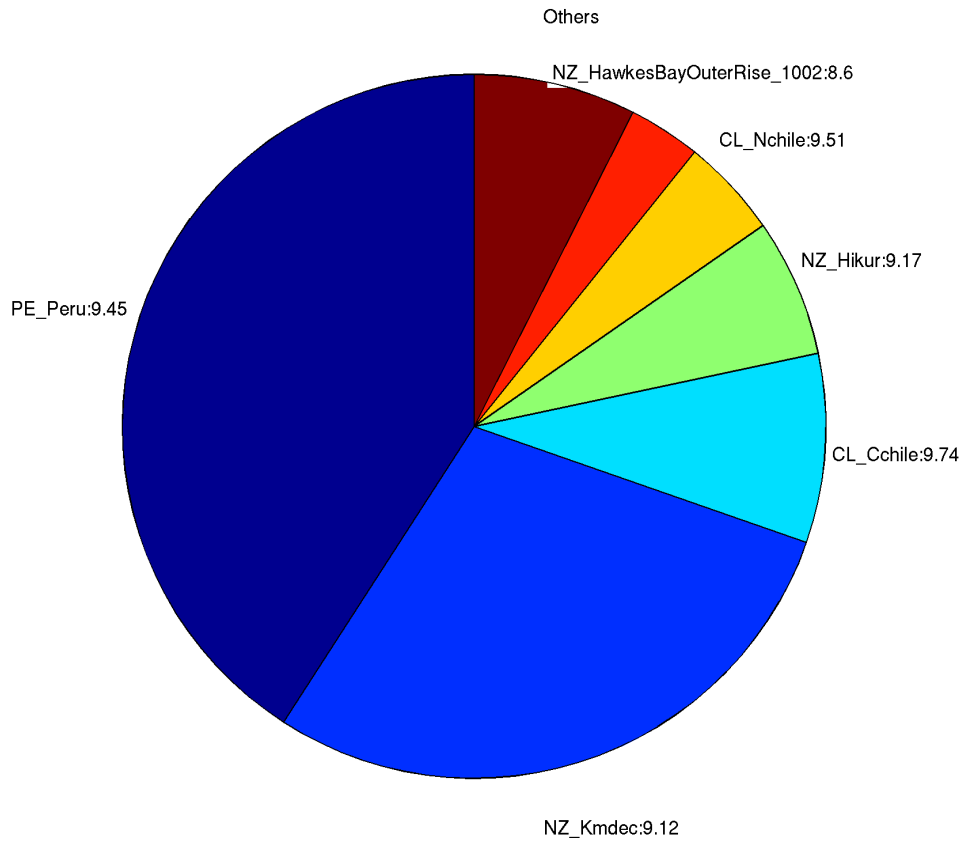
## 60. Waipiro Bay



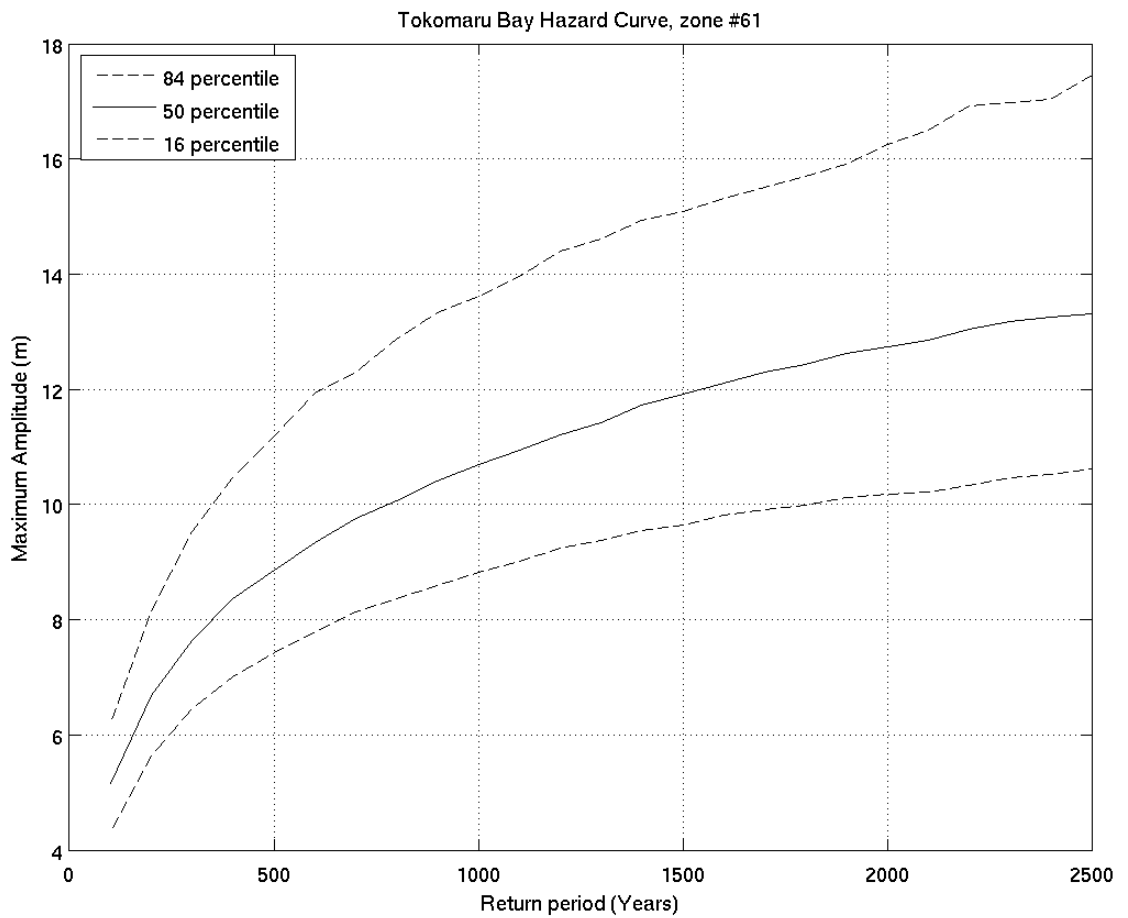
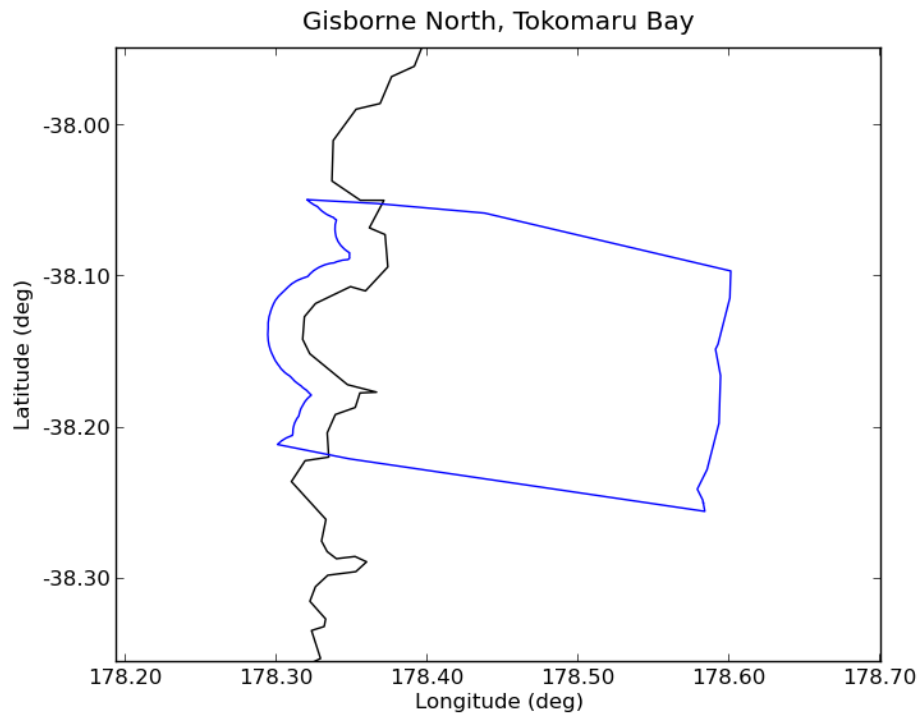
Deaggregation of Zone:60, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.009 m



Deaggregation of Zone:60, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.155 m

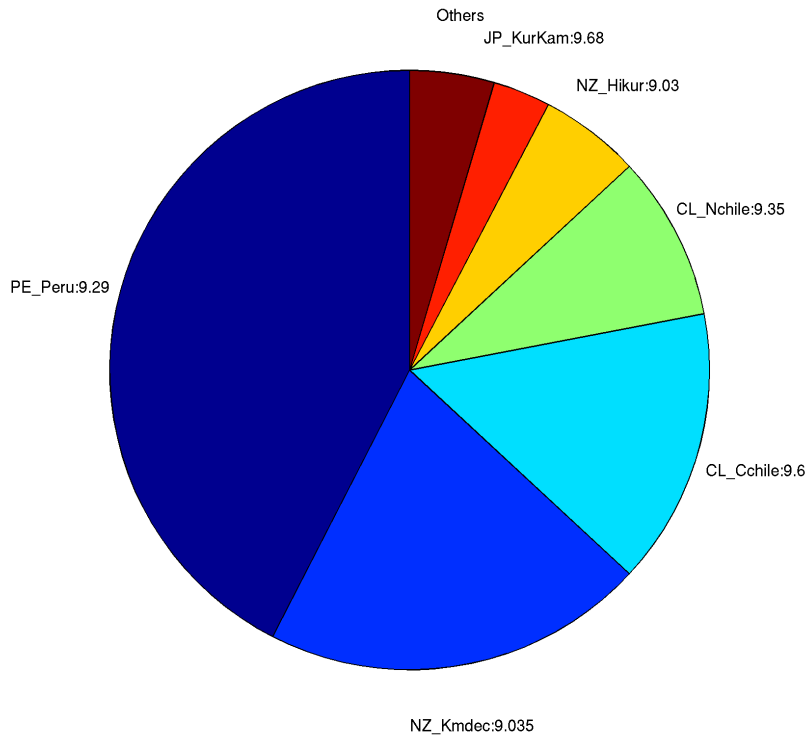


# 61. Tokomaru Bay

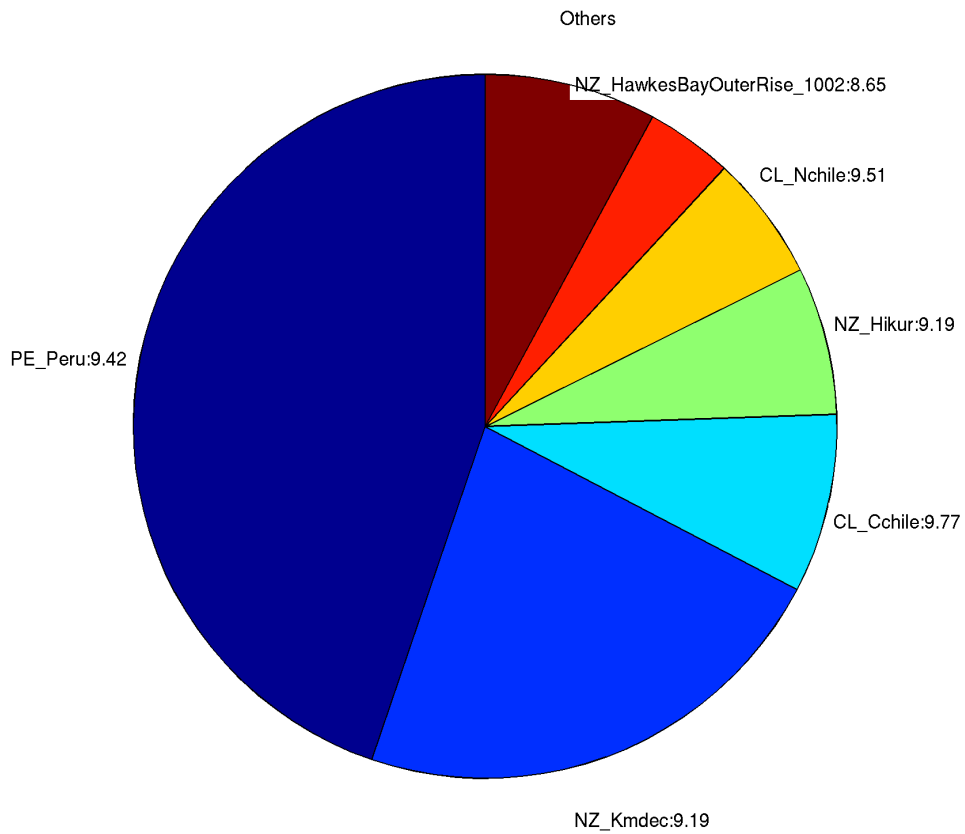




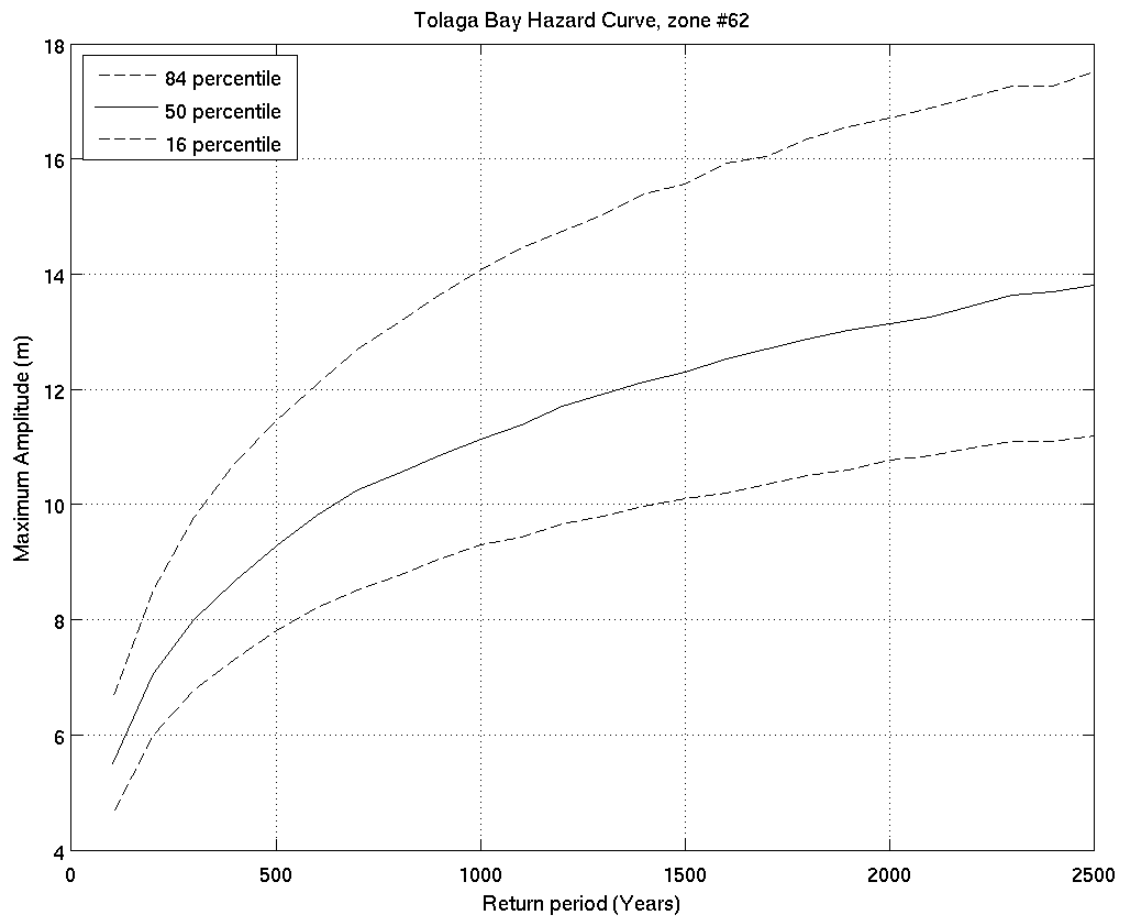
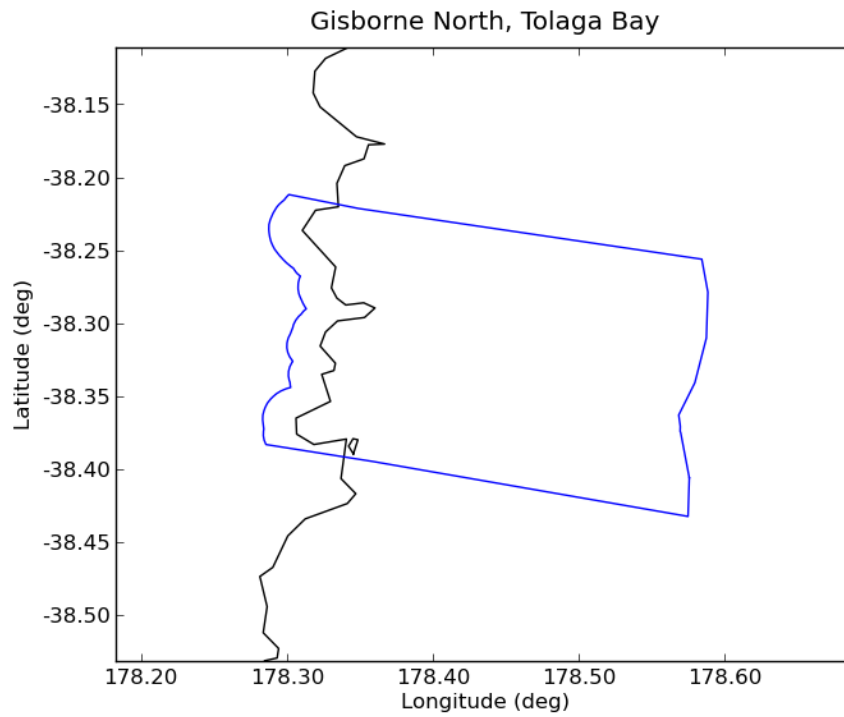
Deaggregation of Zone:61, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.8517 m



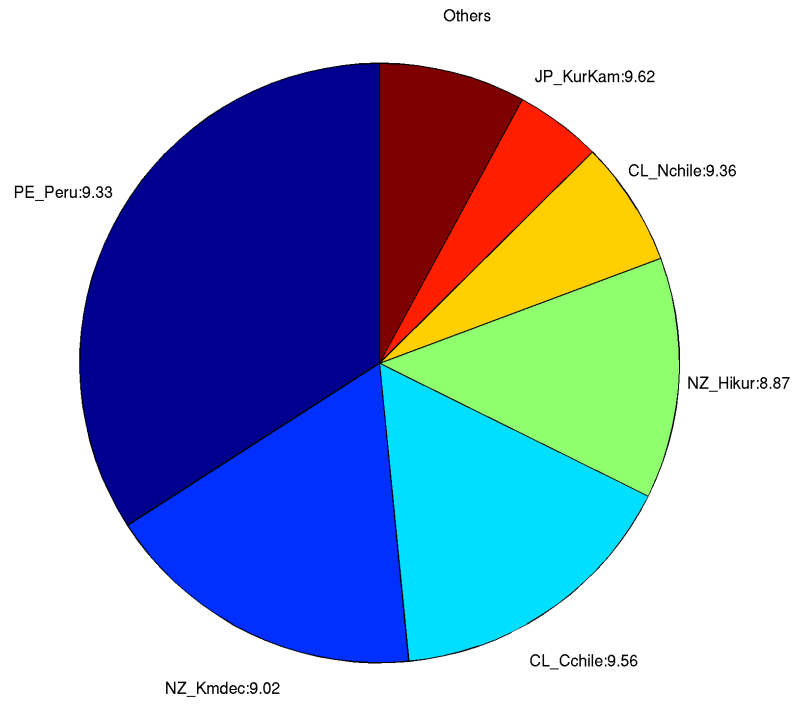
Deaggregation of Zone:61, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.2803 m



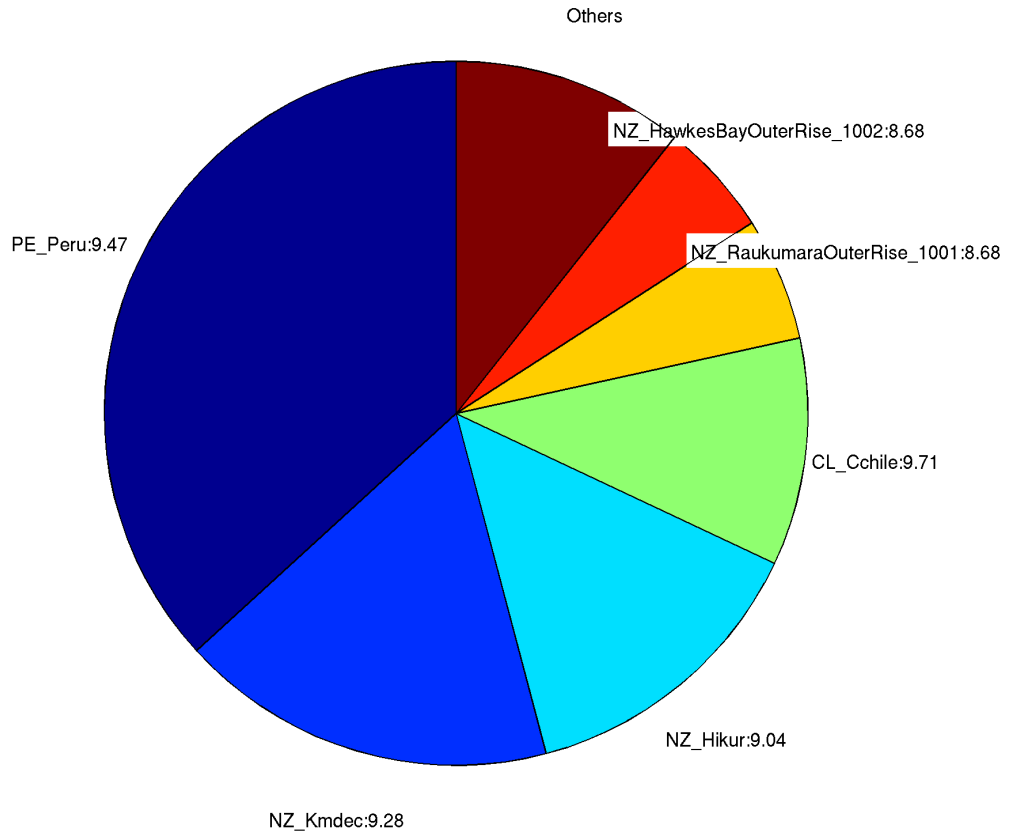
## 62. Tolaga Bay



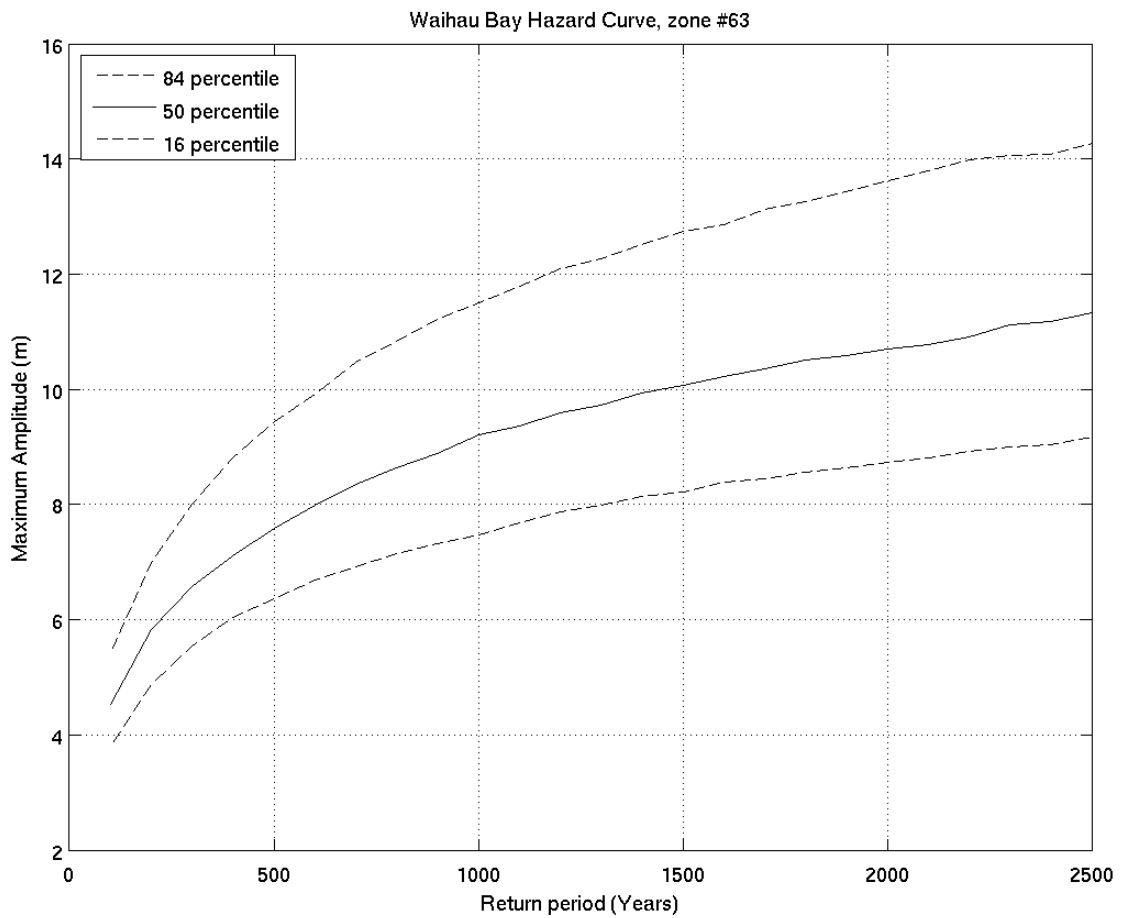
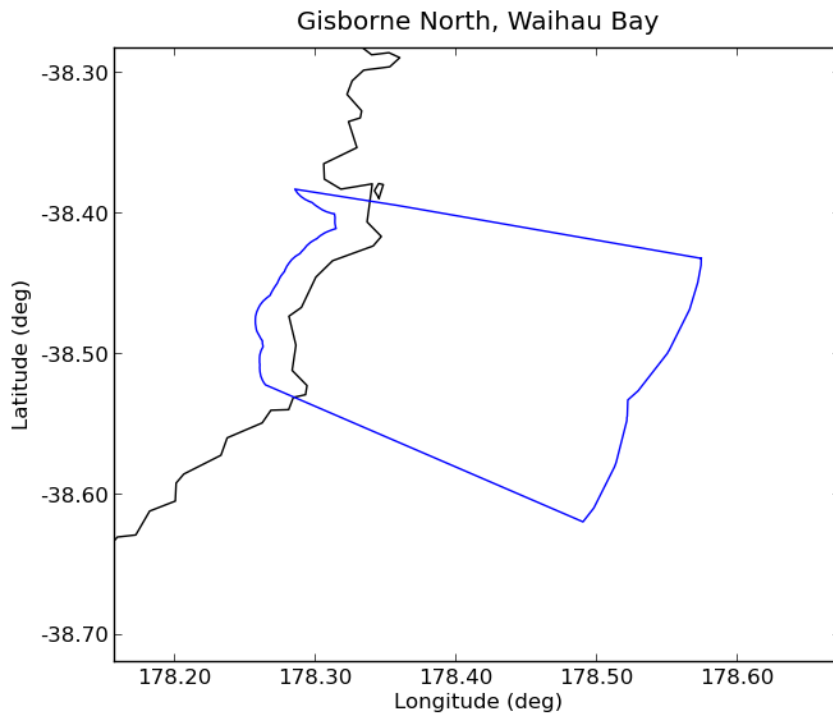
Deaggregation of Zone:62, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.2815 m



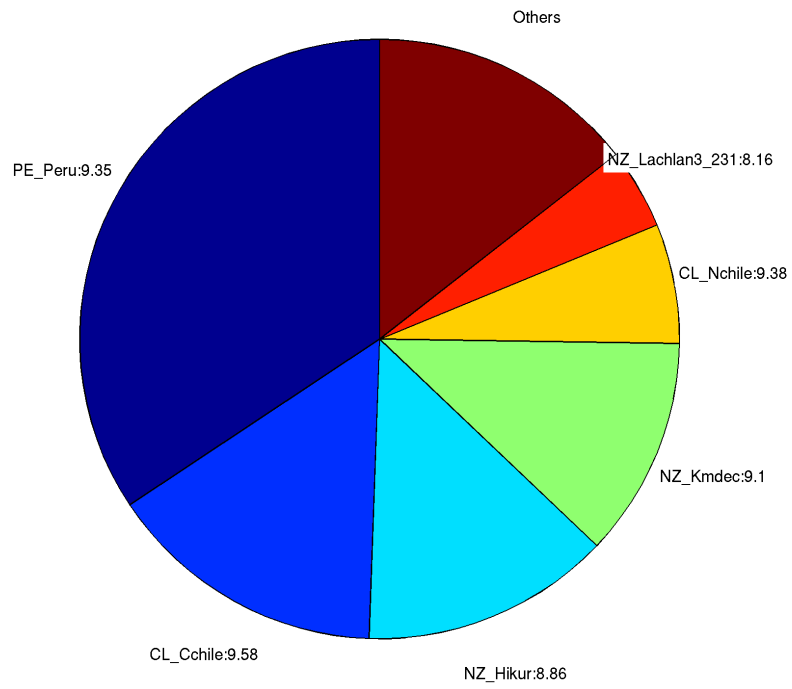
Deaggregation of Zone:62, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.8038 m



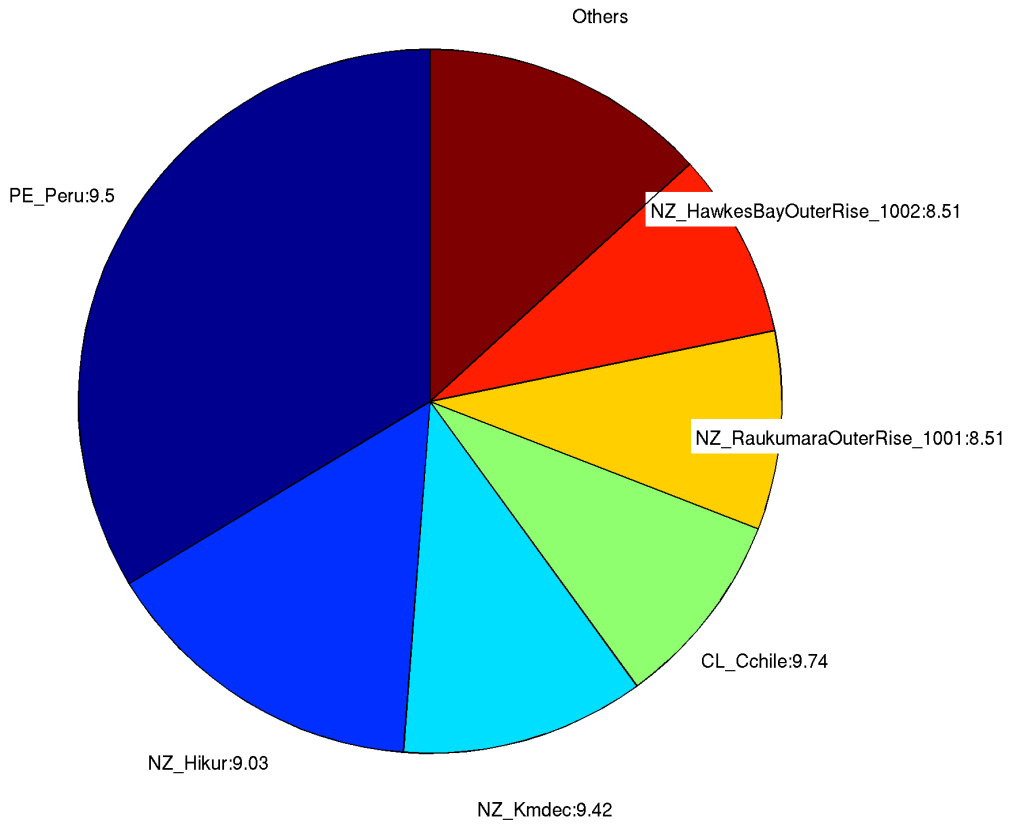
### 63. Waihou Bay



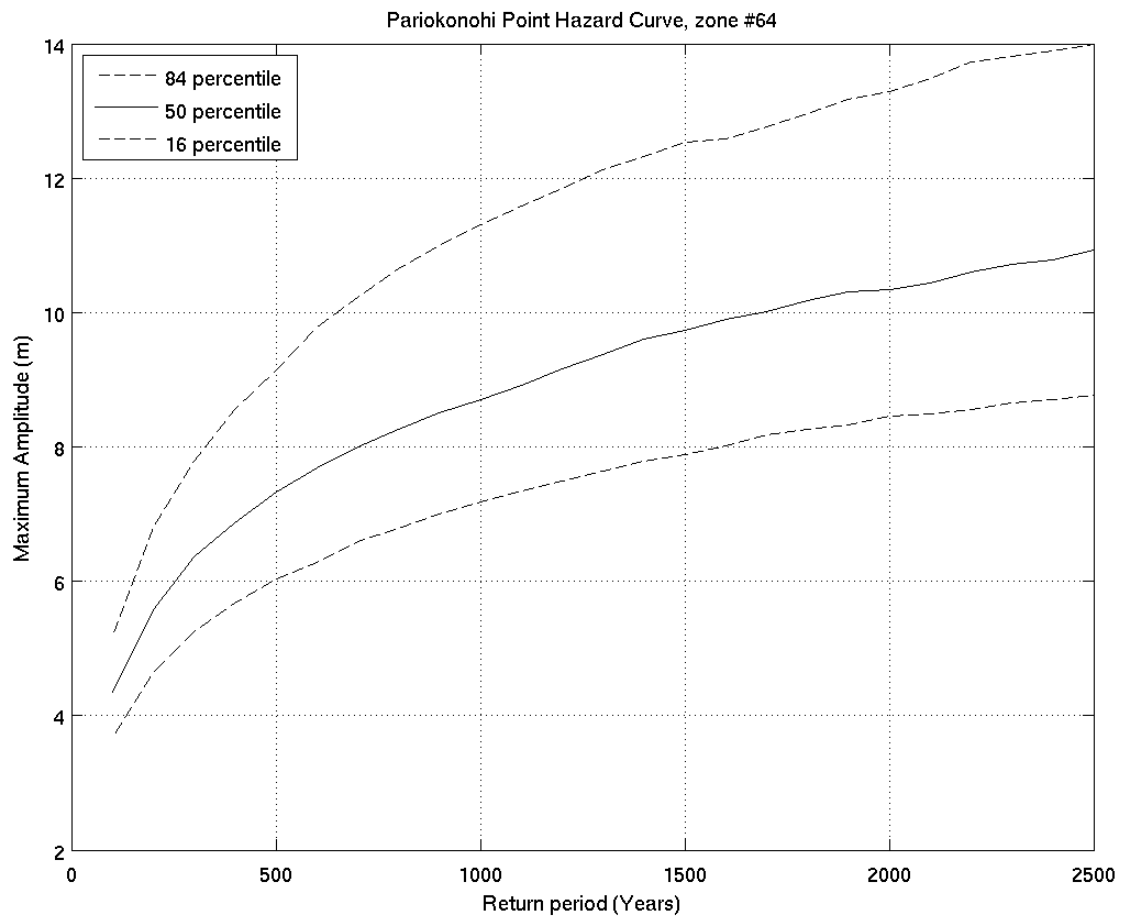
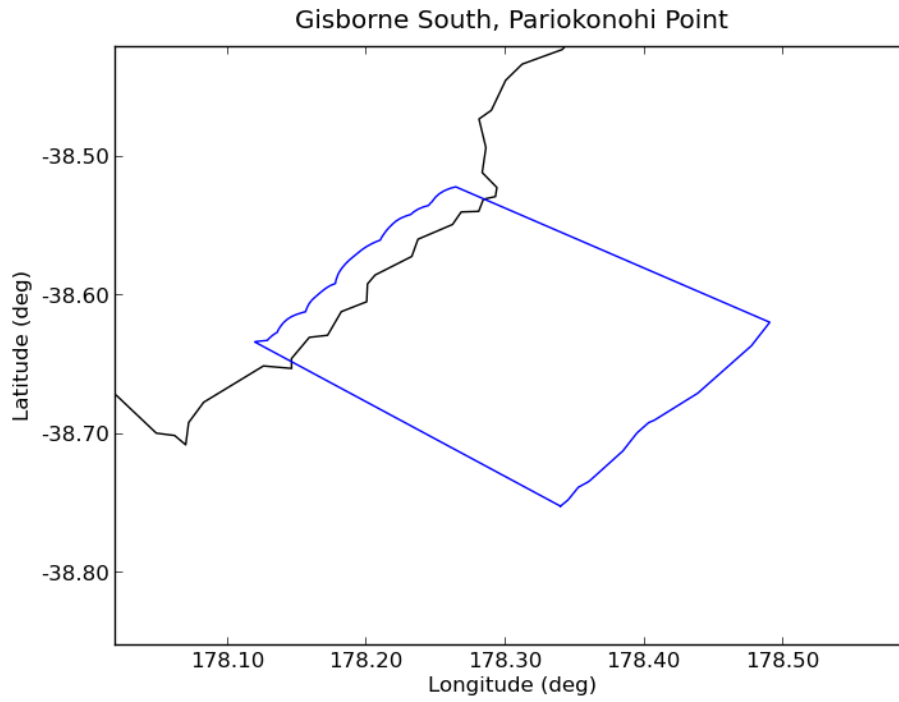
Deaggregation of Zone:63, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5915 m



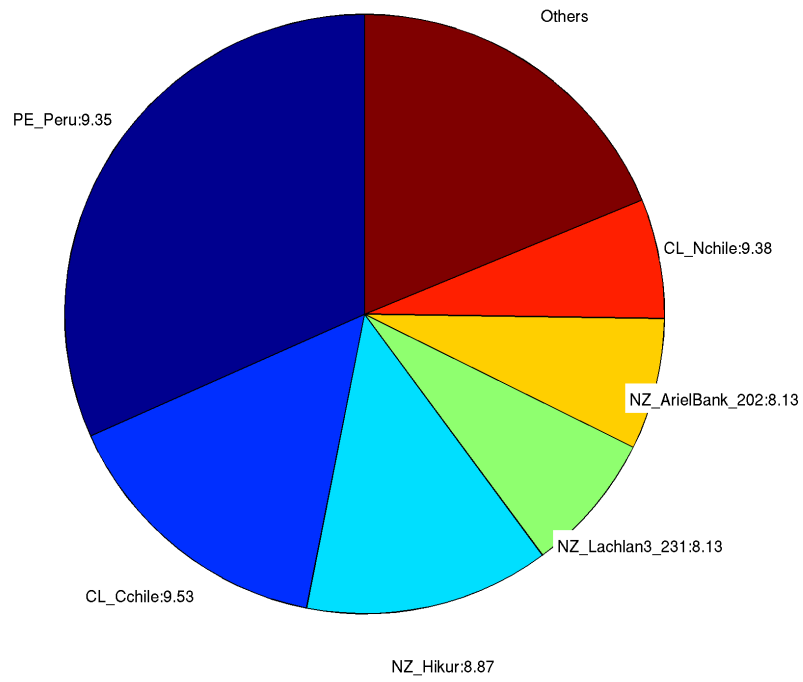
Deaggregation of Zone:63, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.3266 m



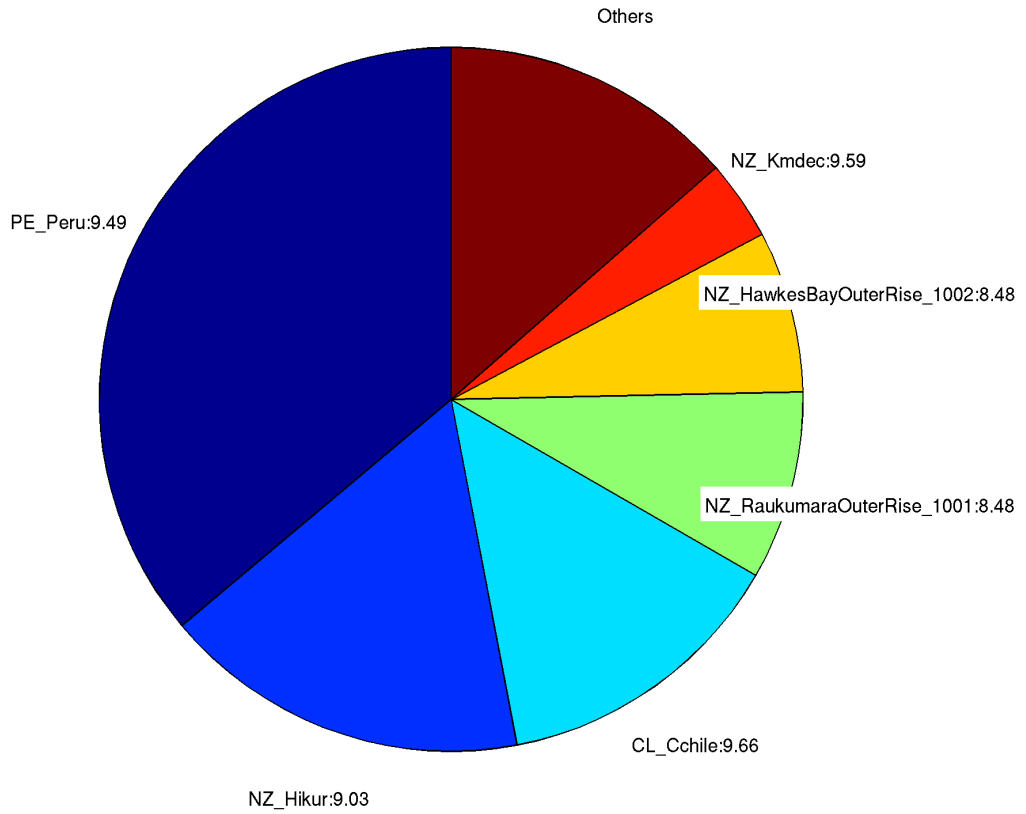
## 64. *Pariokonohi Point*



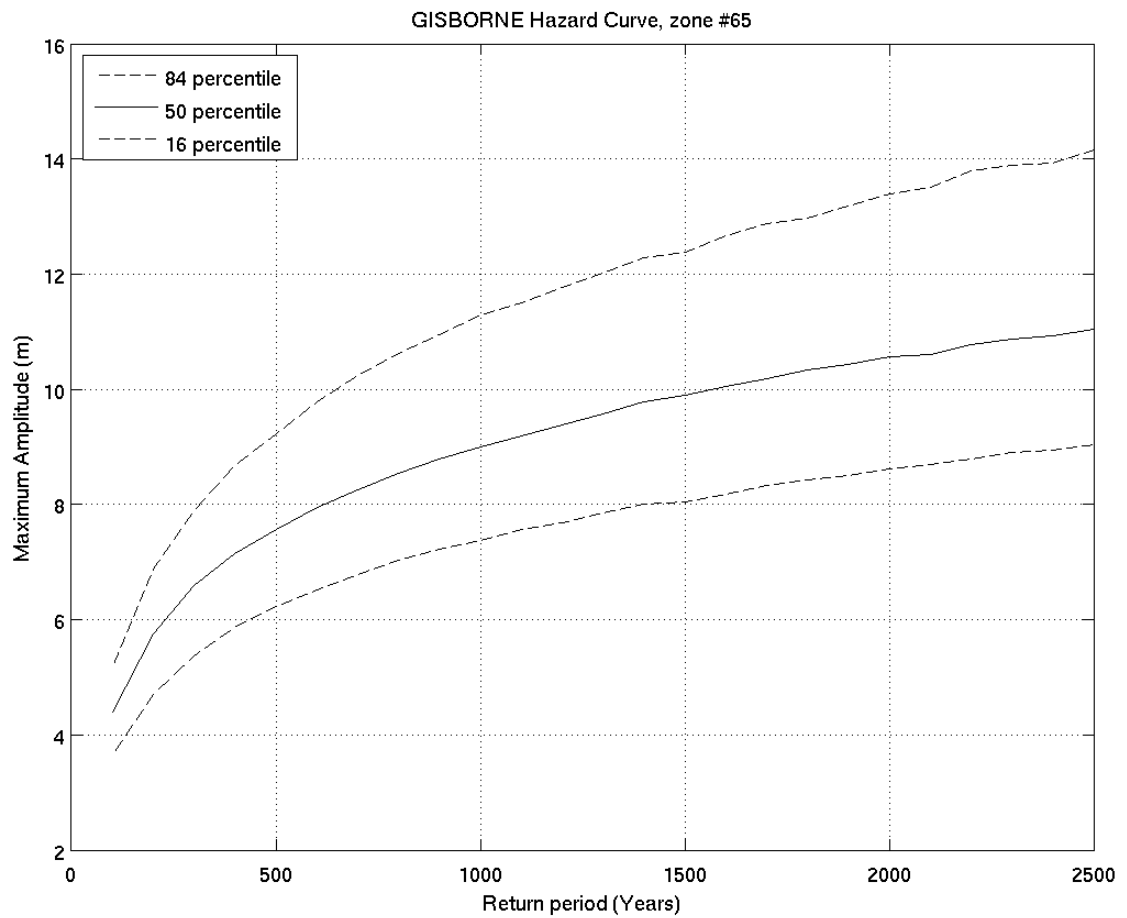
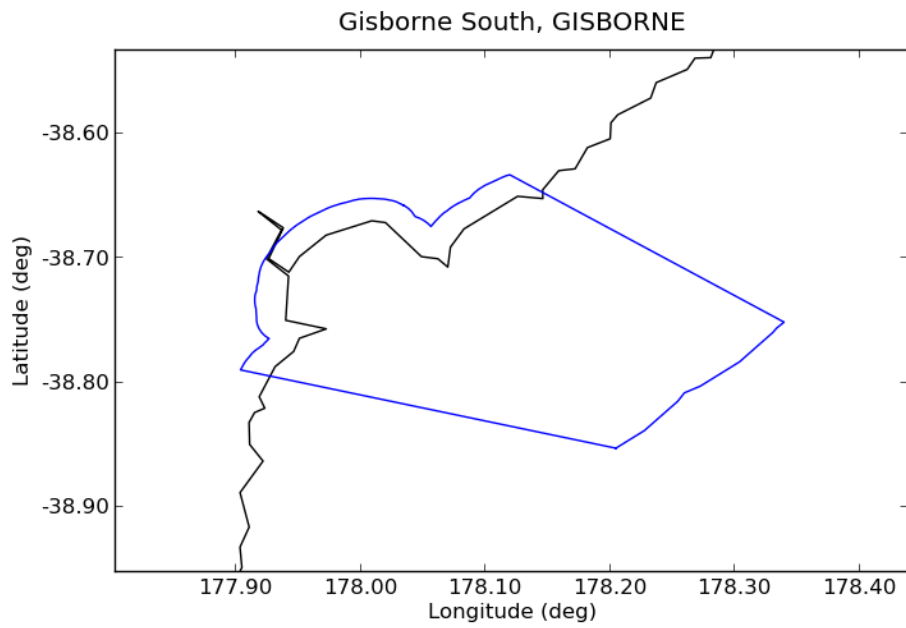
Deaggregation of Zone:64, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3282 m



Deaggregation of Zone:64, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.9236 m

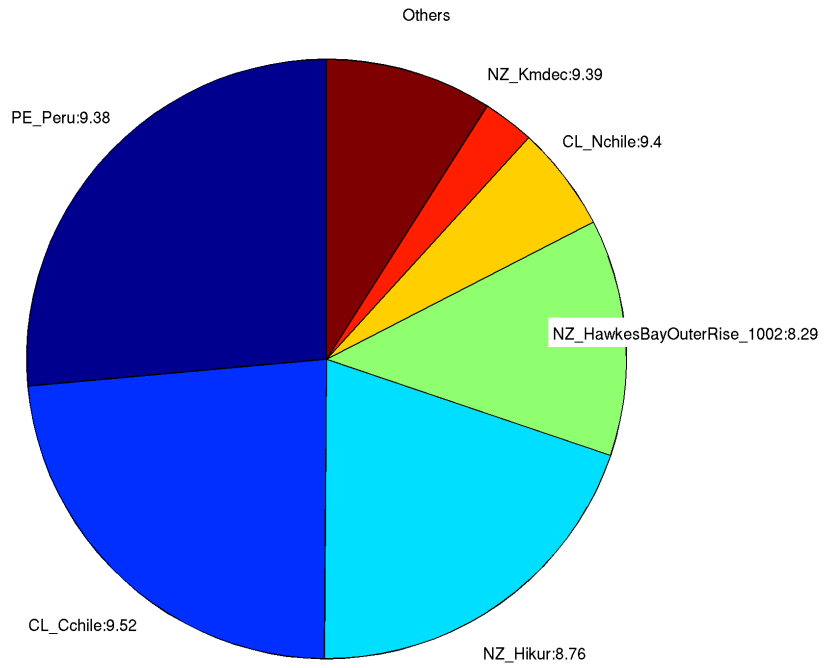


## 65. GISBORNE

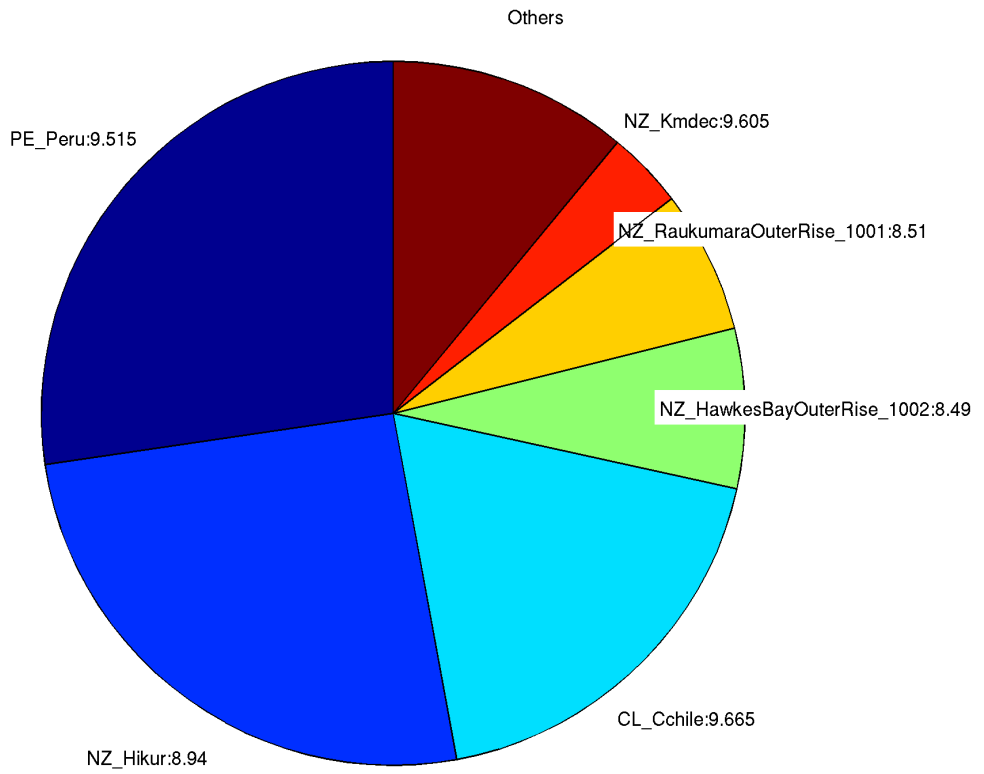




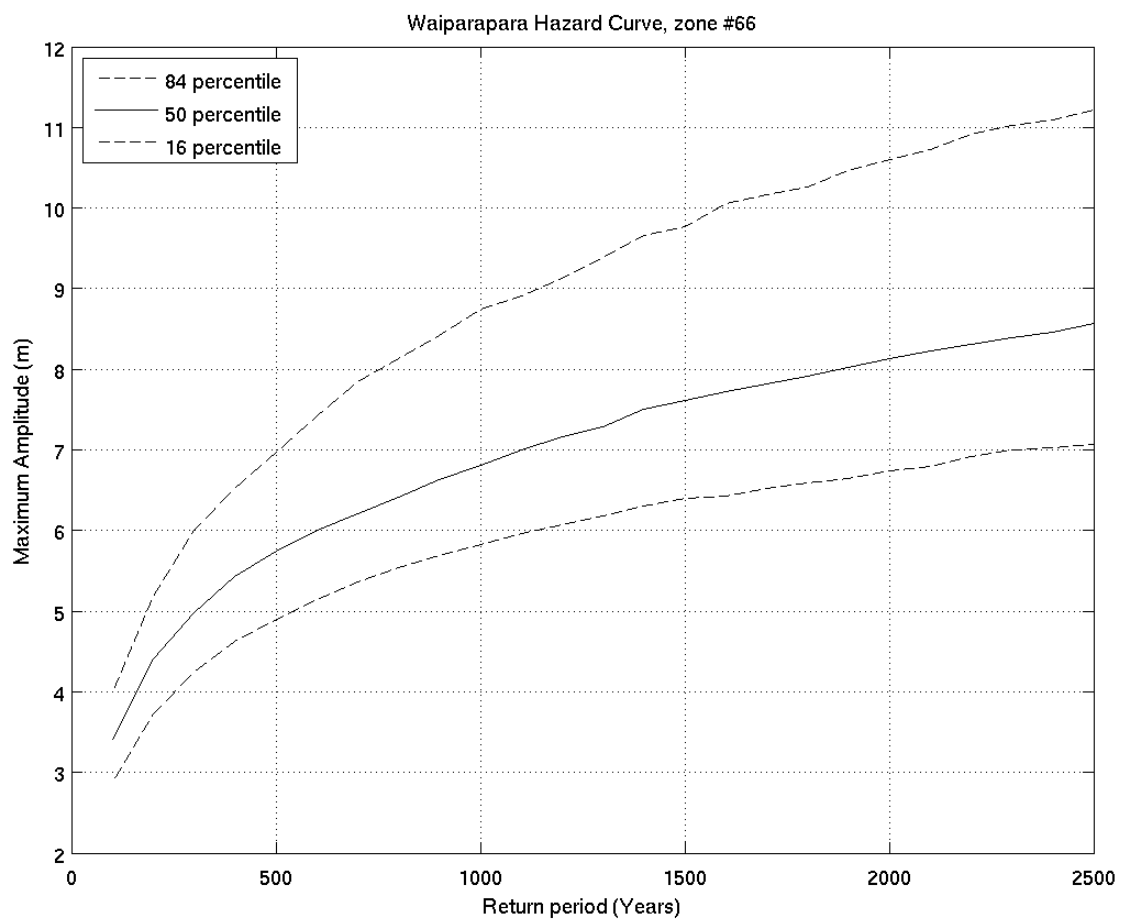
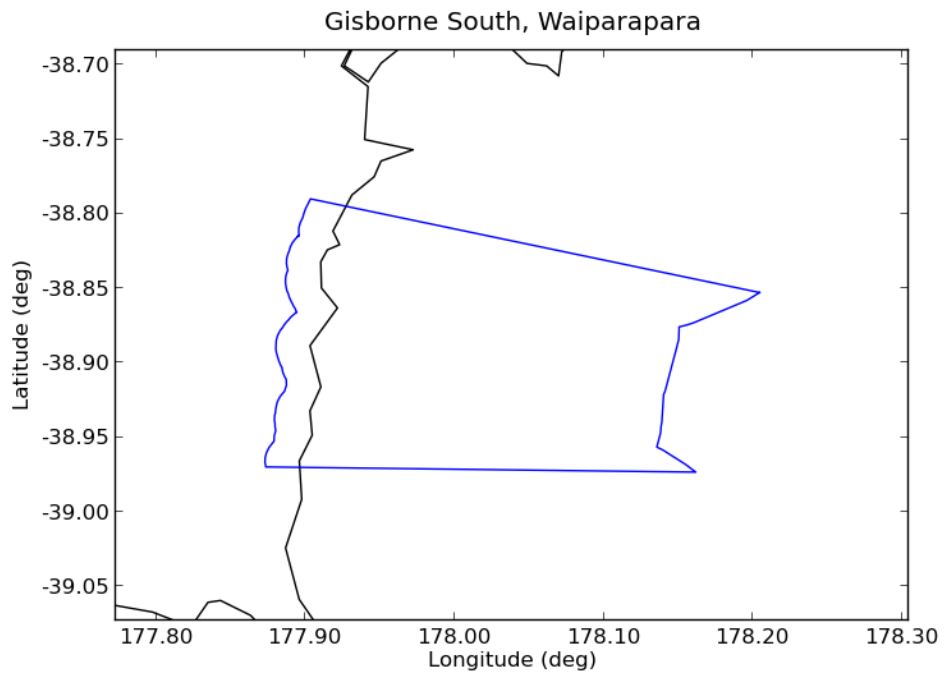
Deaggregation of Zone:65, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5312 m



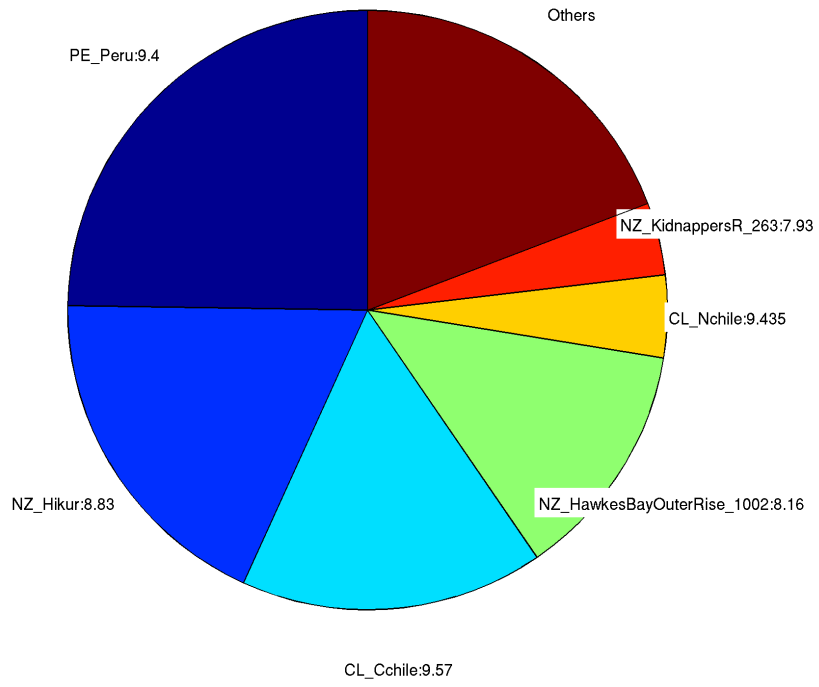
Deaggregation of Zone:65, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.0512 m



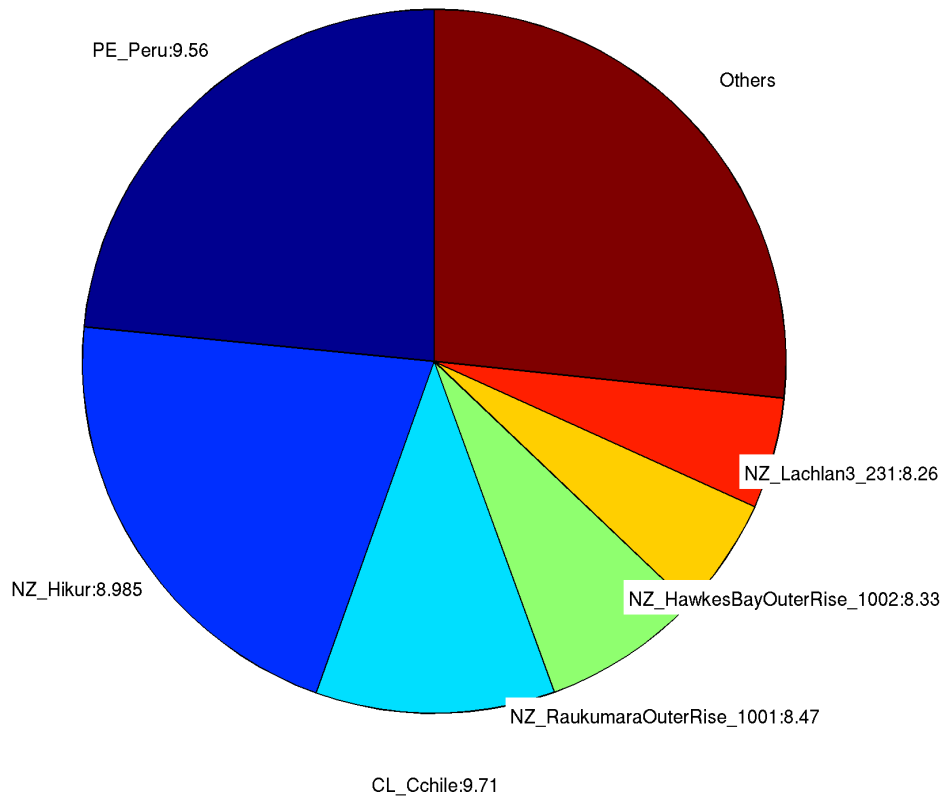
## 66. Waiparapara



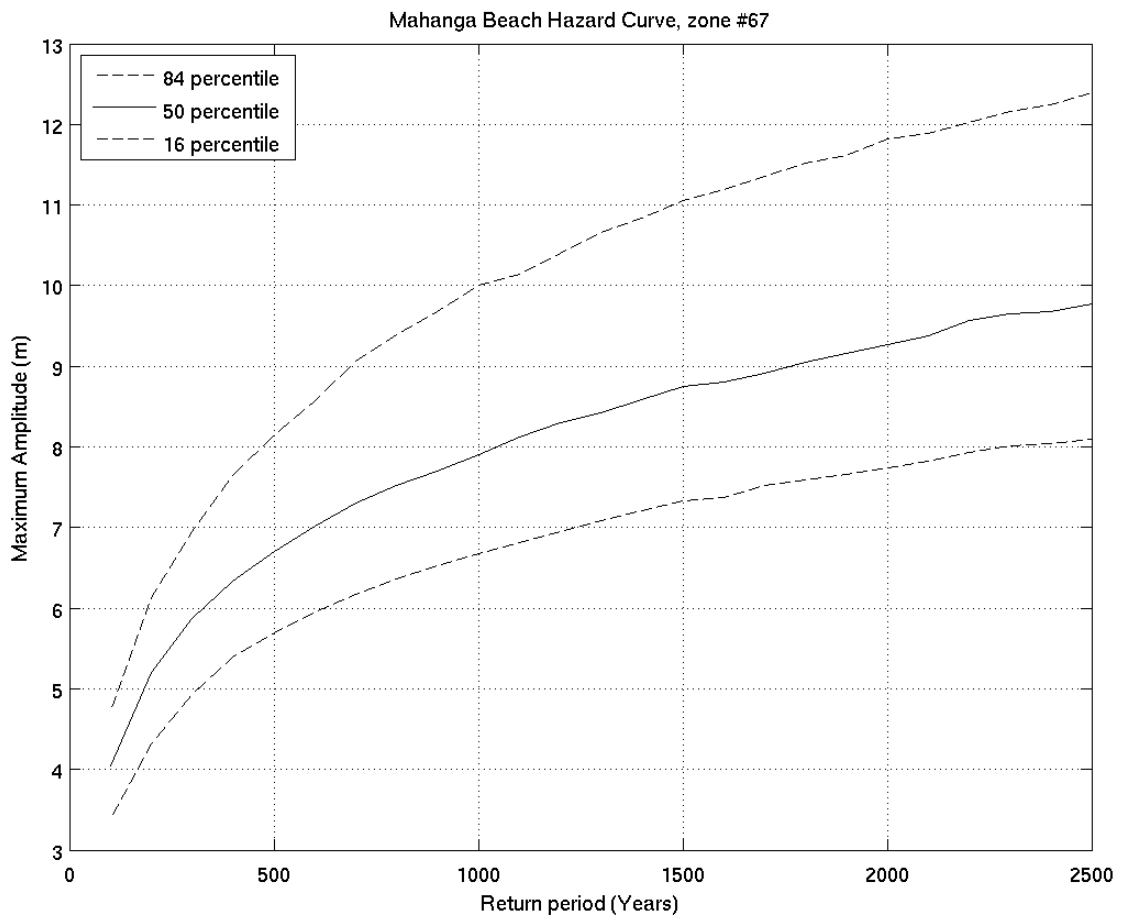
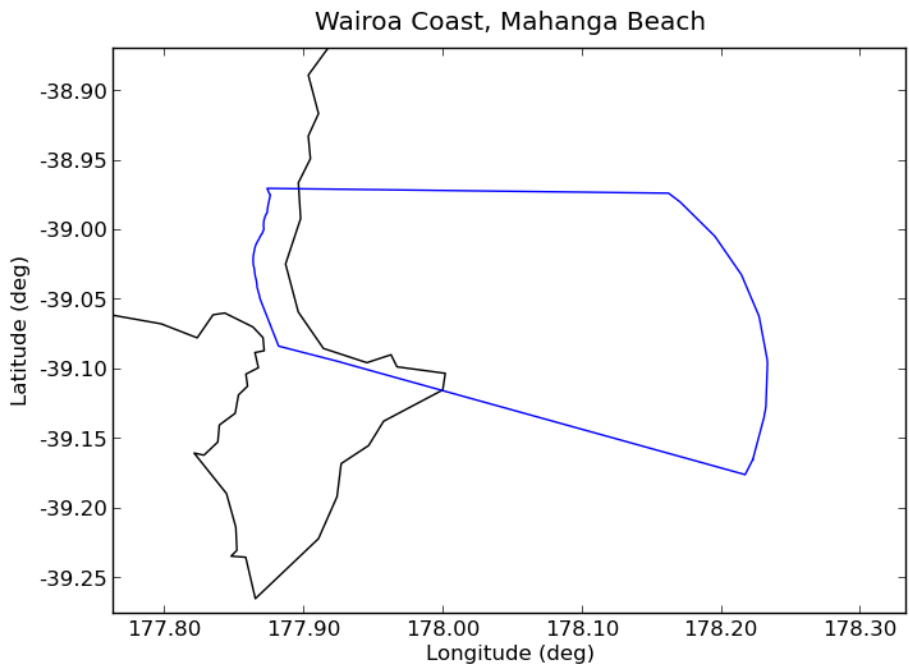
Deaggregation of Zone:66, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7315 m



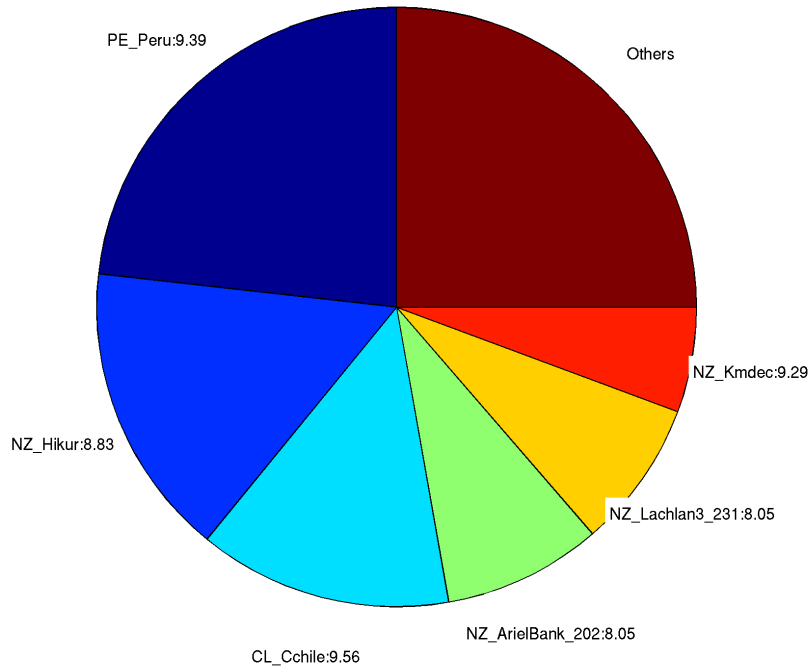
Deaggregation of Zone:66, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5571 m



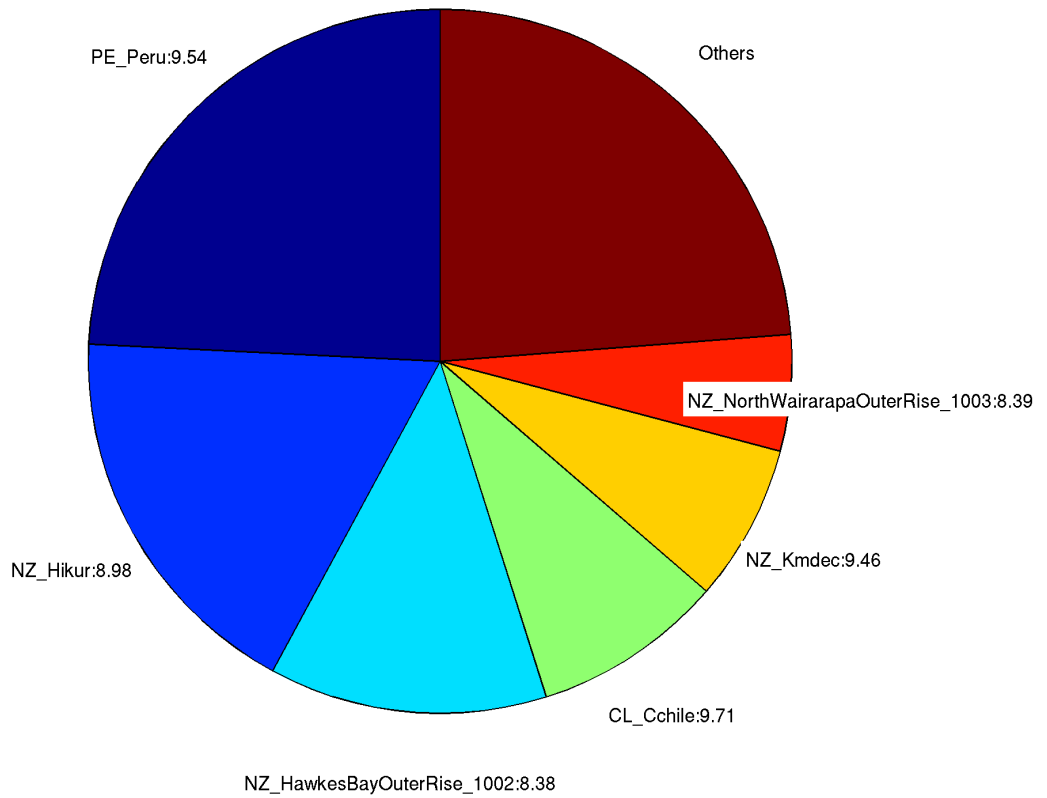
## 67. Mahanga Beach



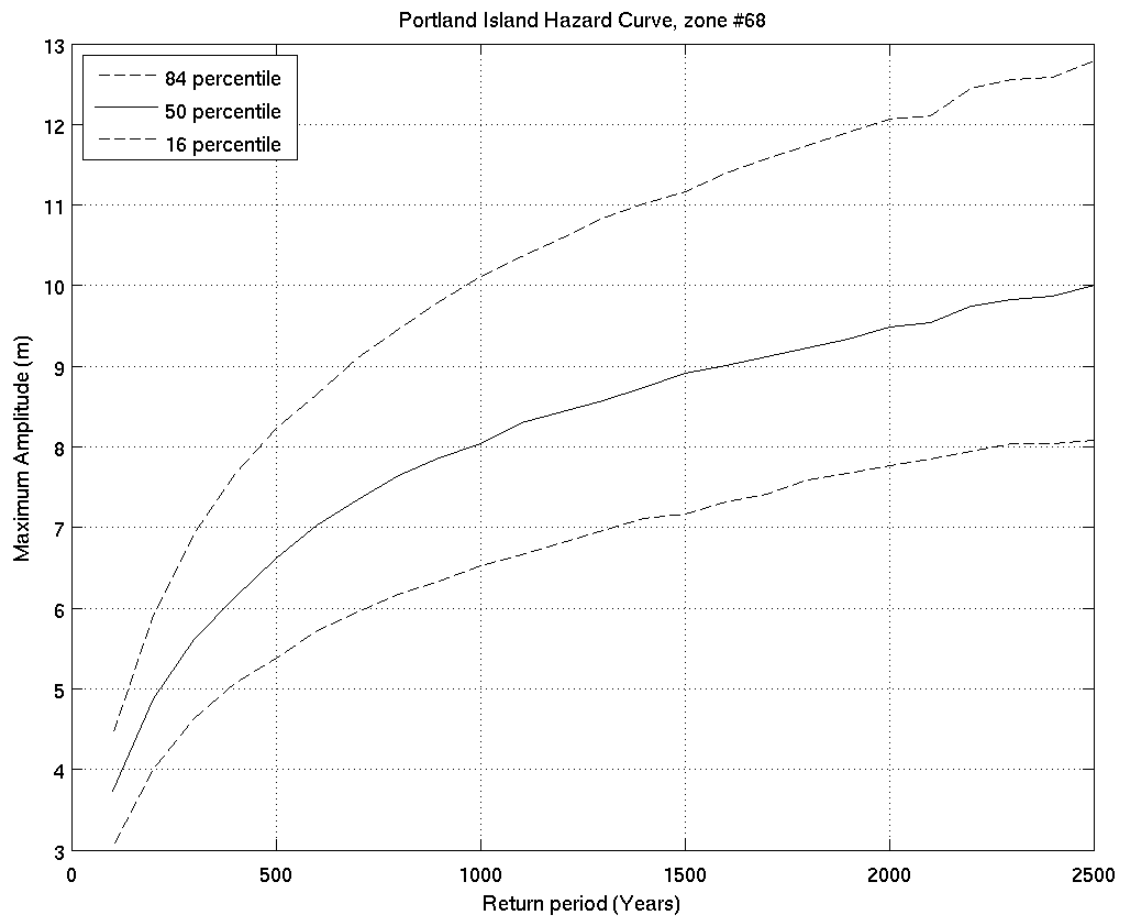
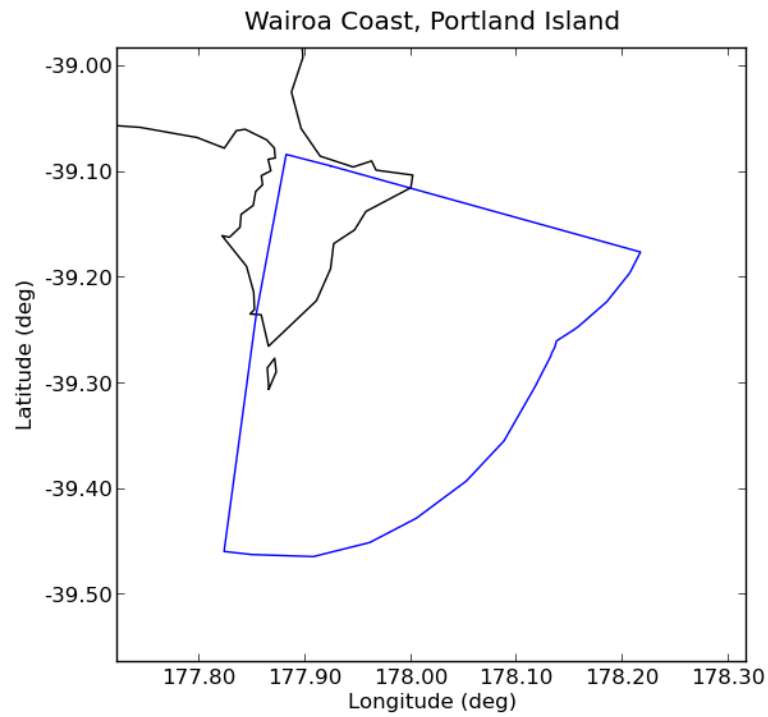
Deaggregation of Zone:67, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6884 m



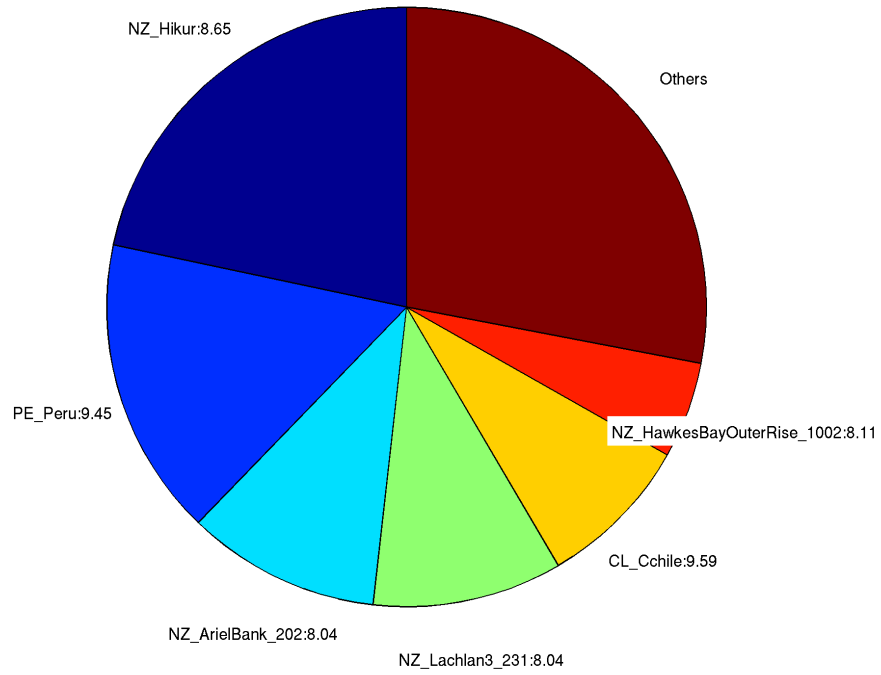
Deaggregation of Zone:67, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.7687 m



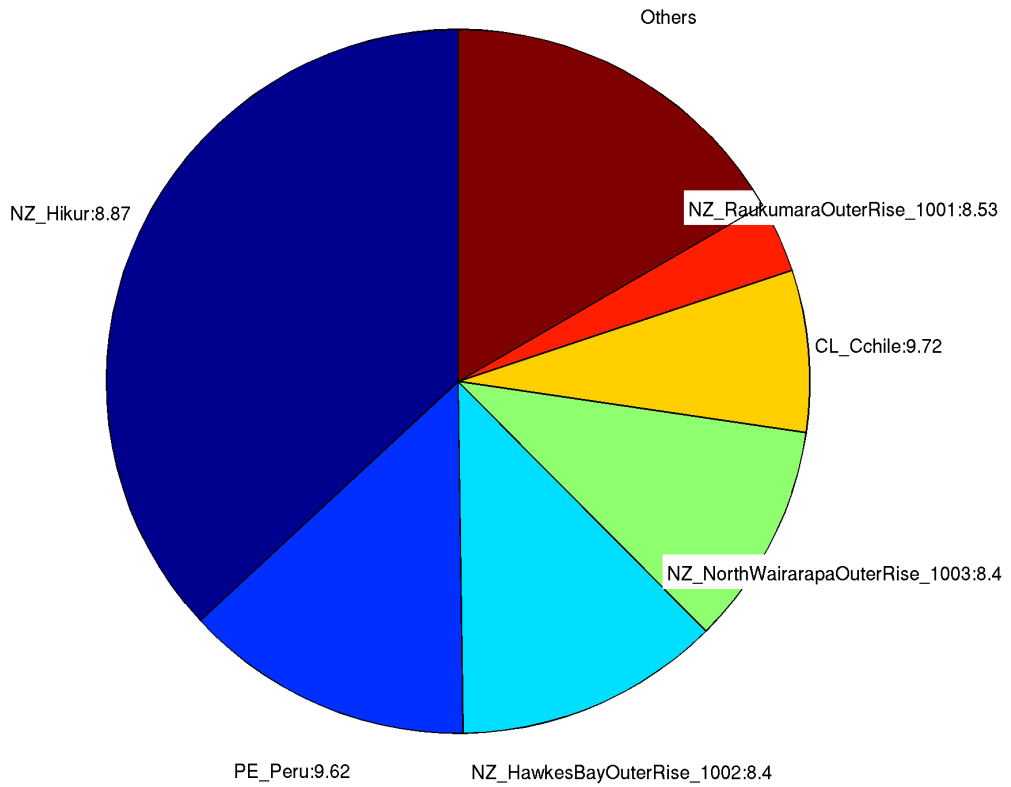
## 68. *Portland Island*



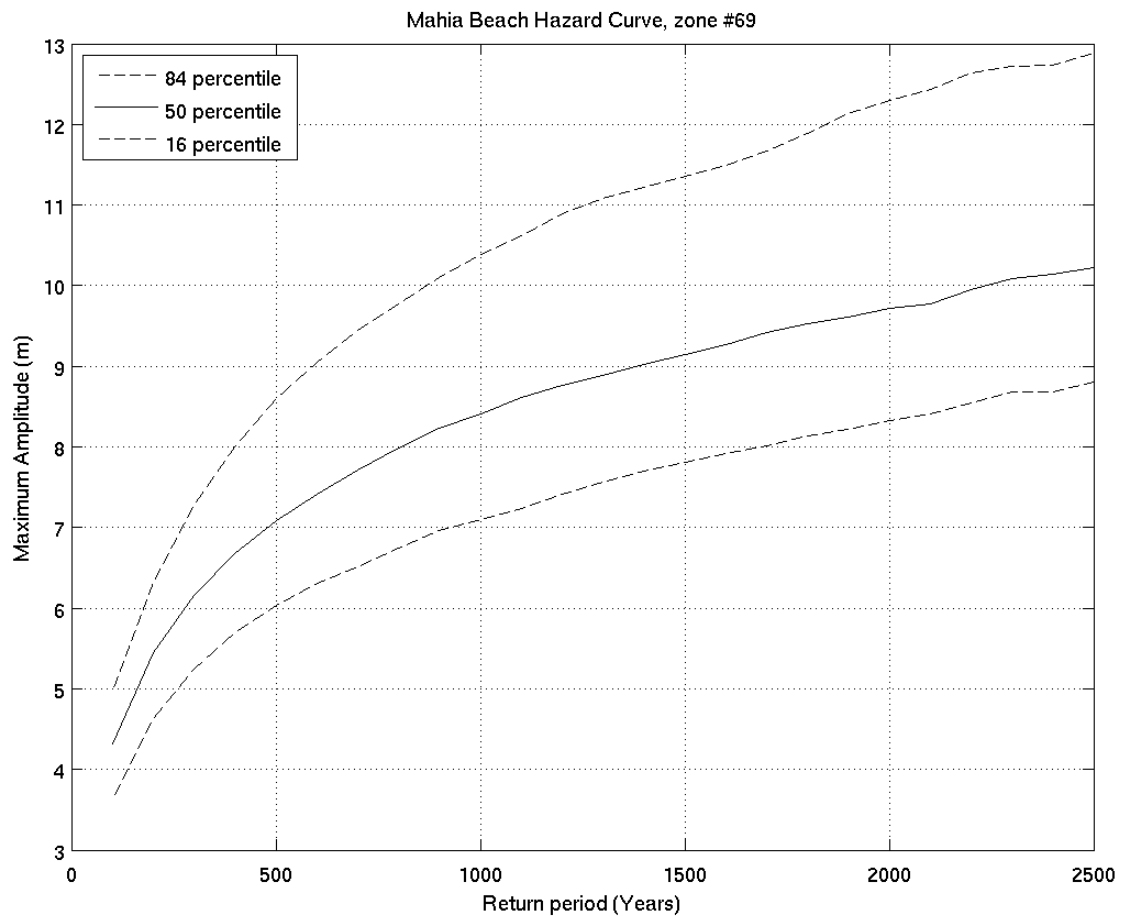
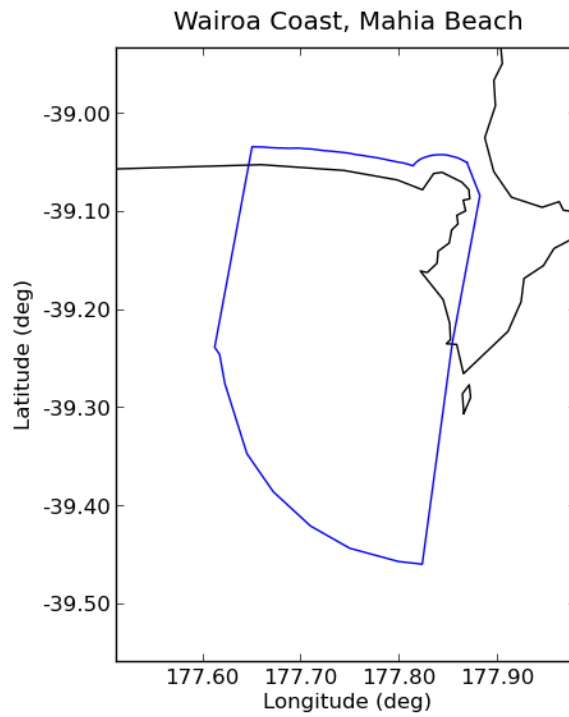
Deaggregation of Zone:68, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6069 m



Deaggregation of Zone:68, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10 m

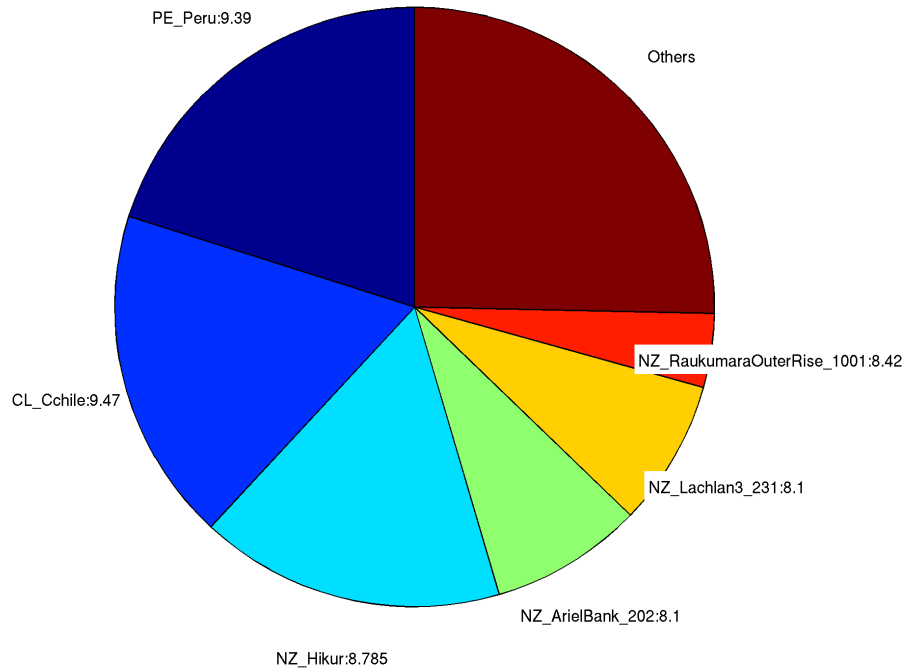


## 69. Mahia Beach

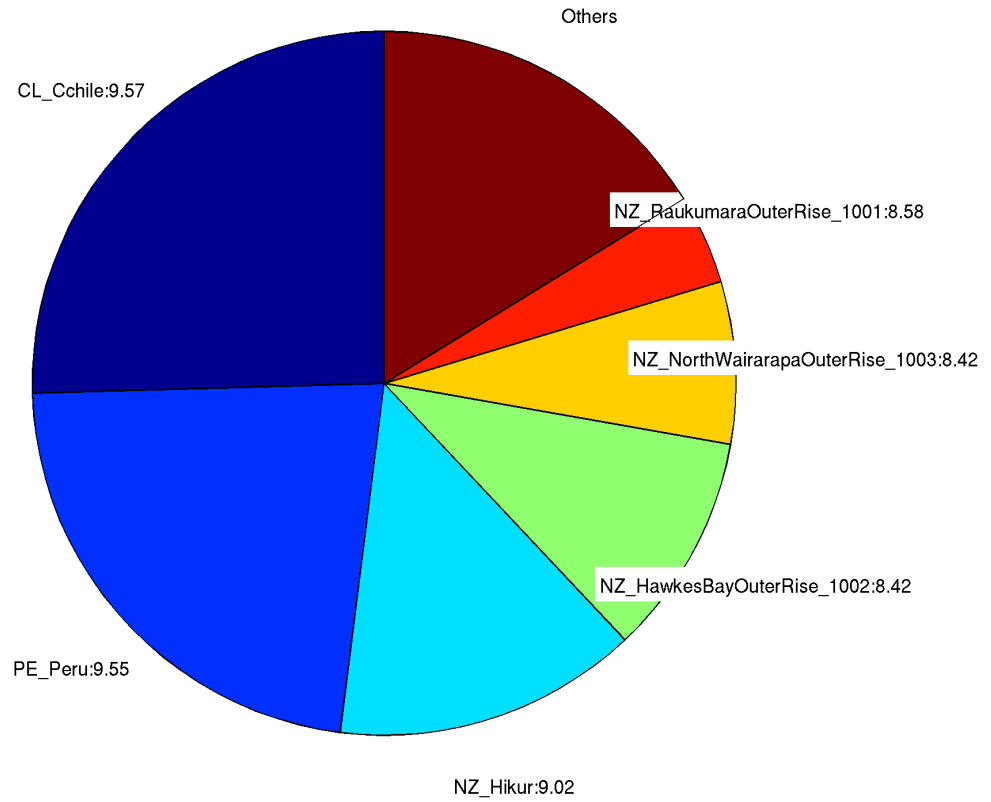




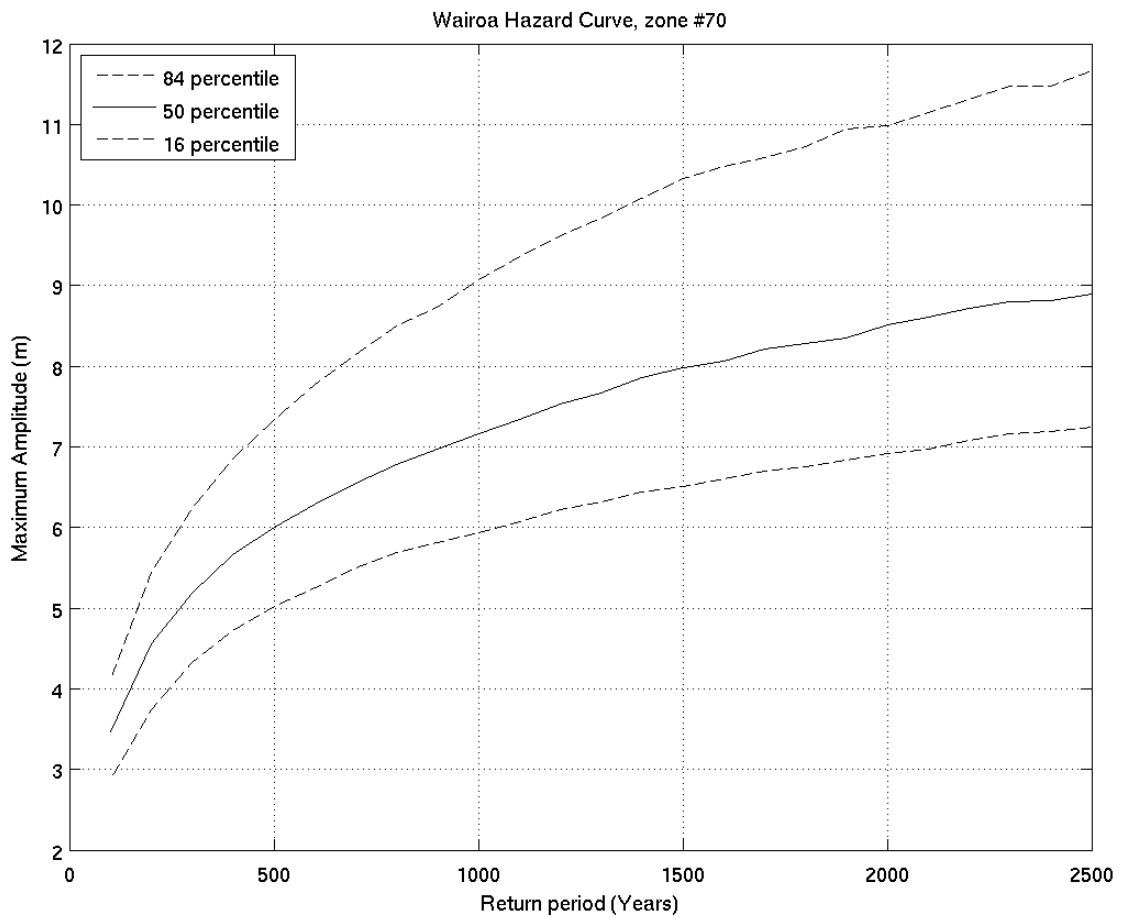
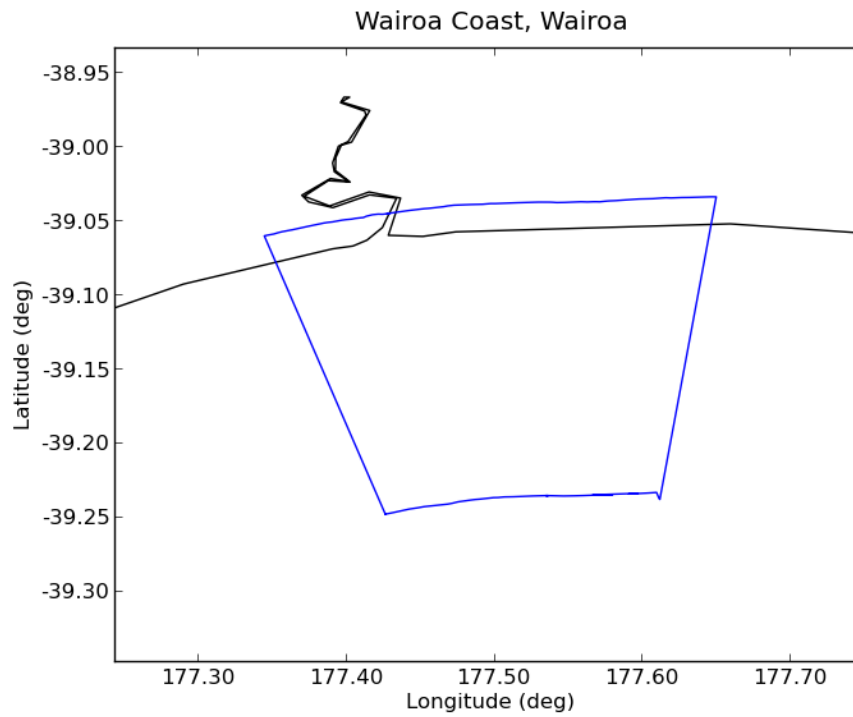
Deaggregation of Zone:69, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0795 m



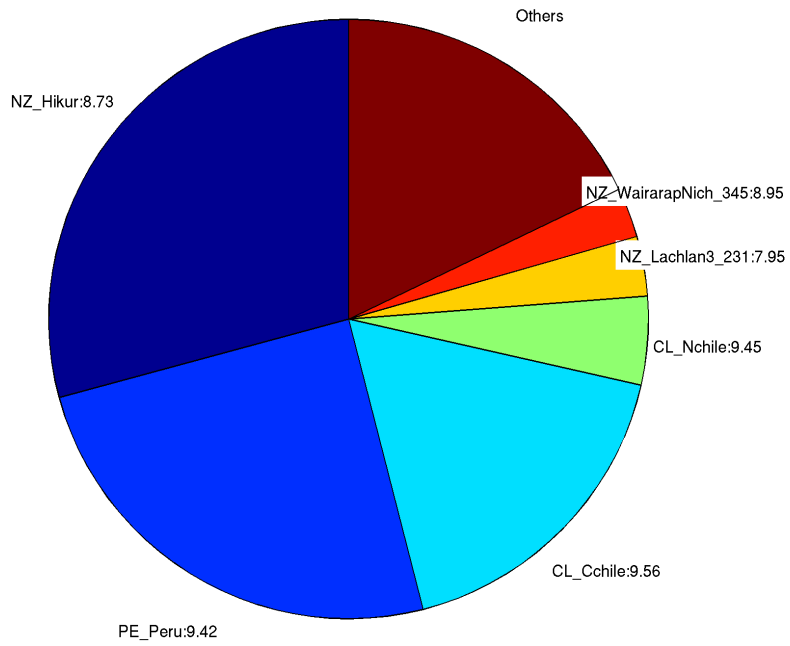
Deaggregation of Zone:69, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.2195 m



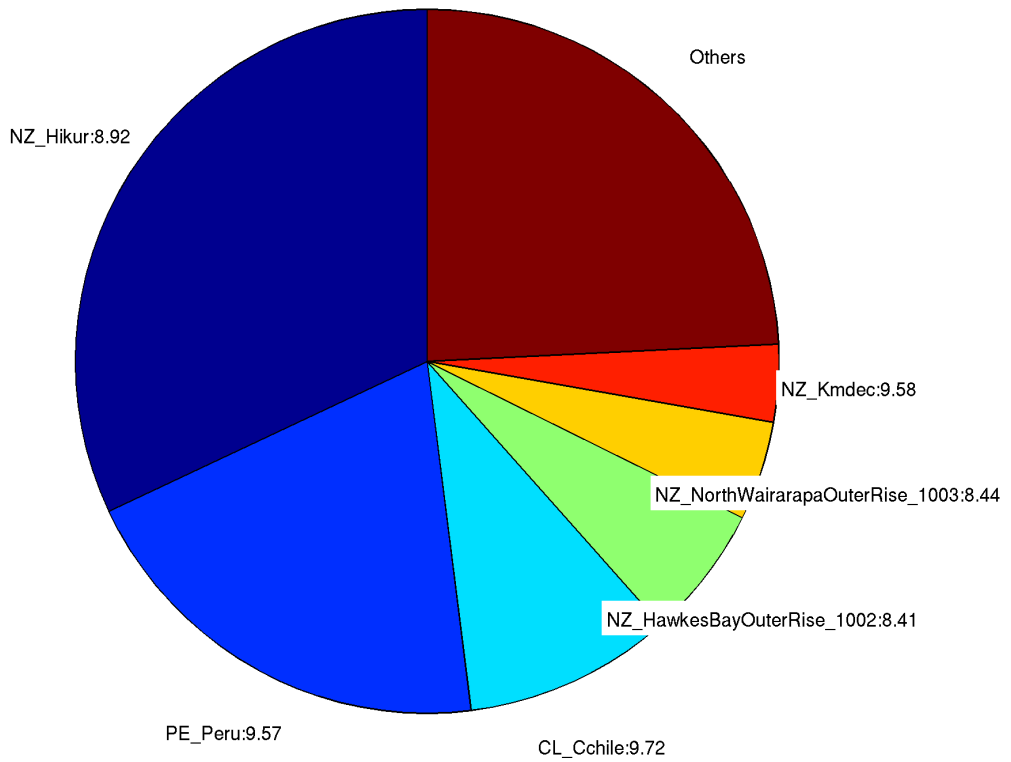
## 70. Wairoa



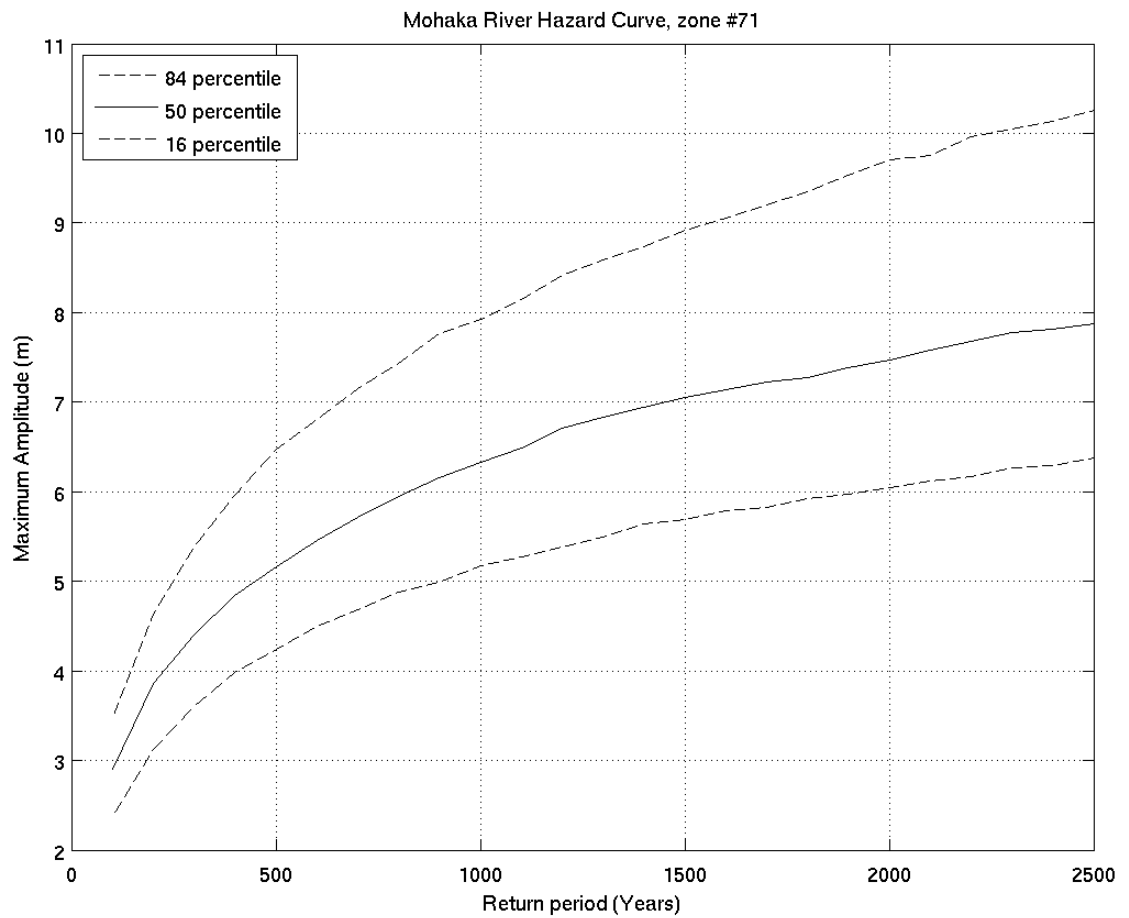
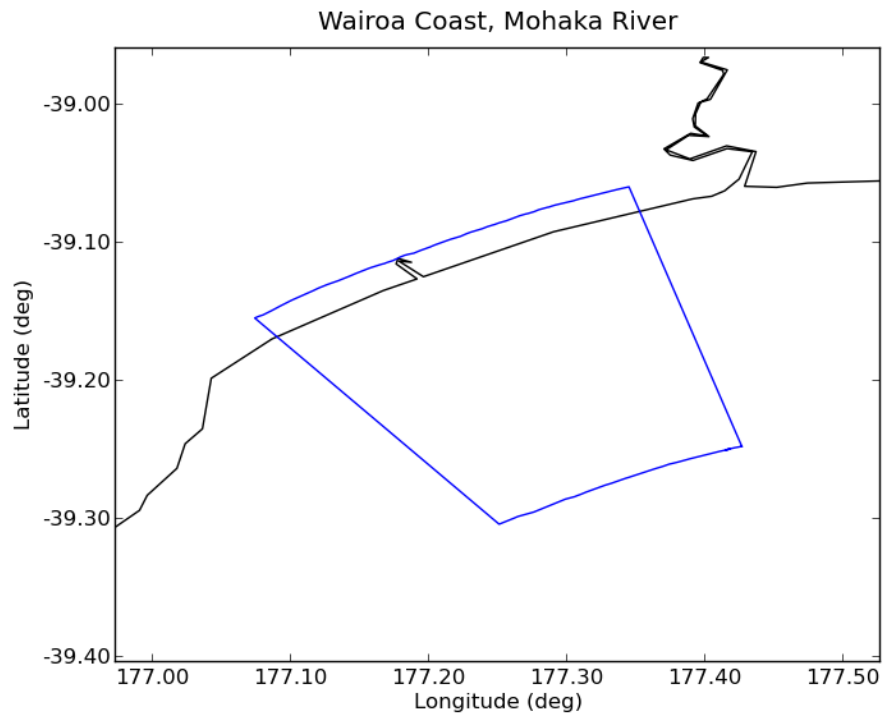
Deaggregation of Zone:70, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9812 m



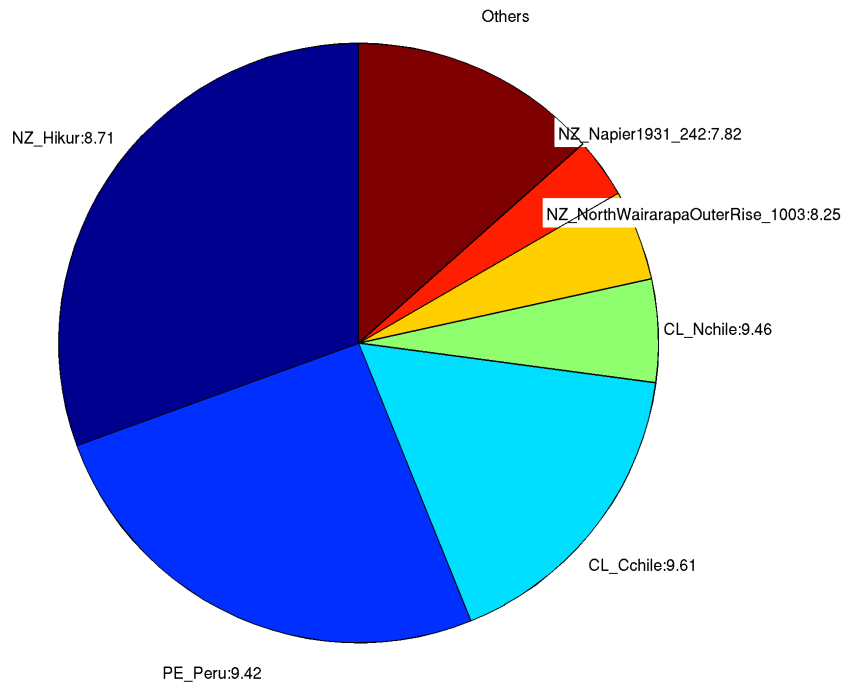
Deaggregation of Zone:70, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.891 m



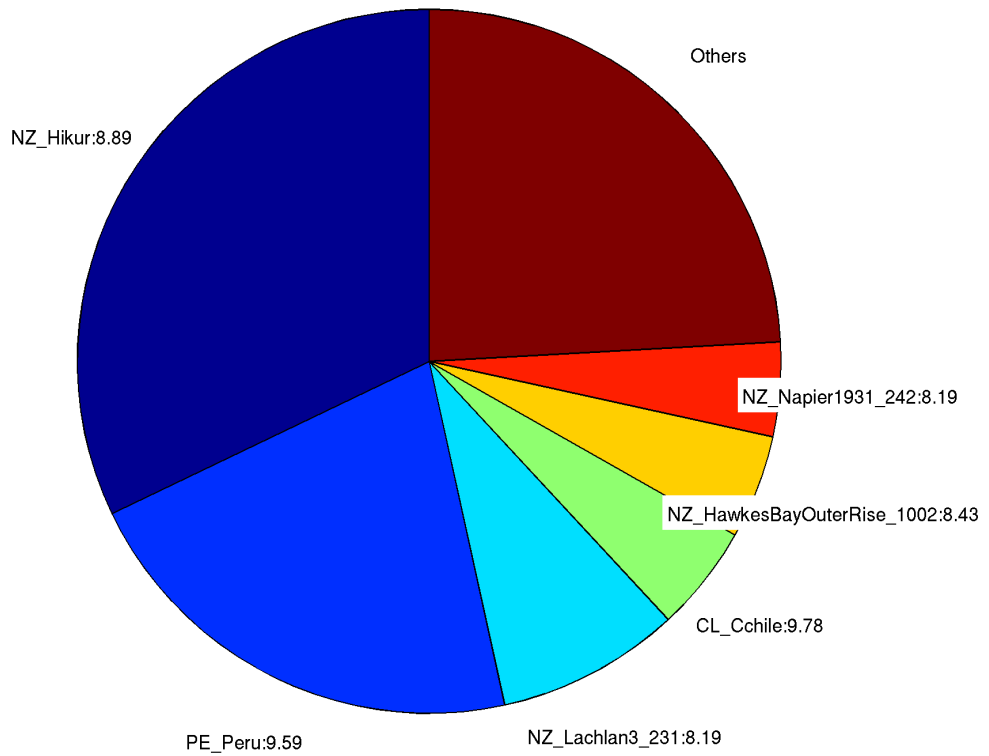
## 71. Mohaka River



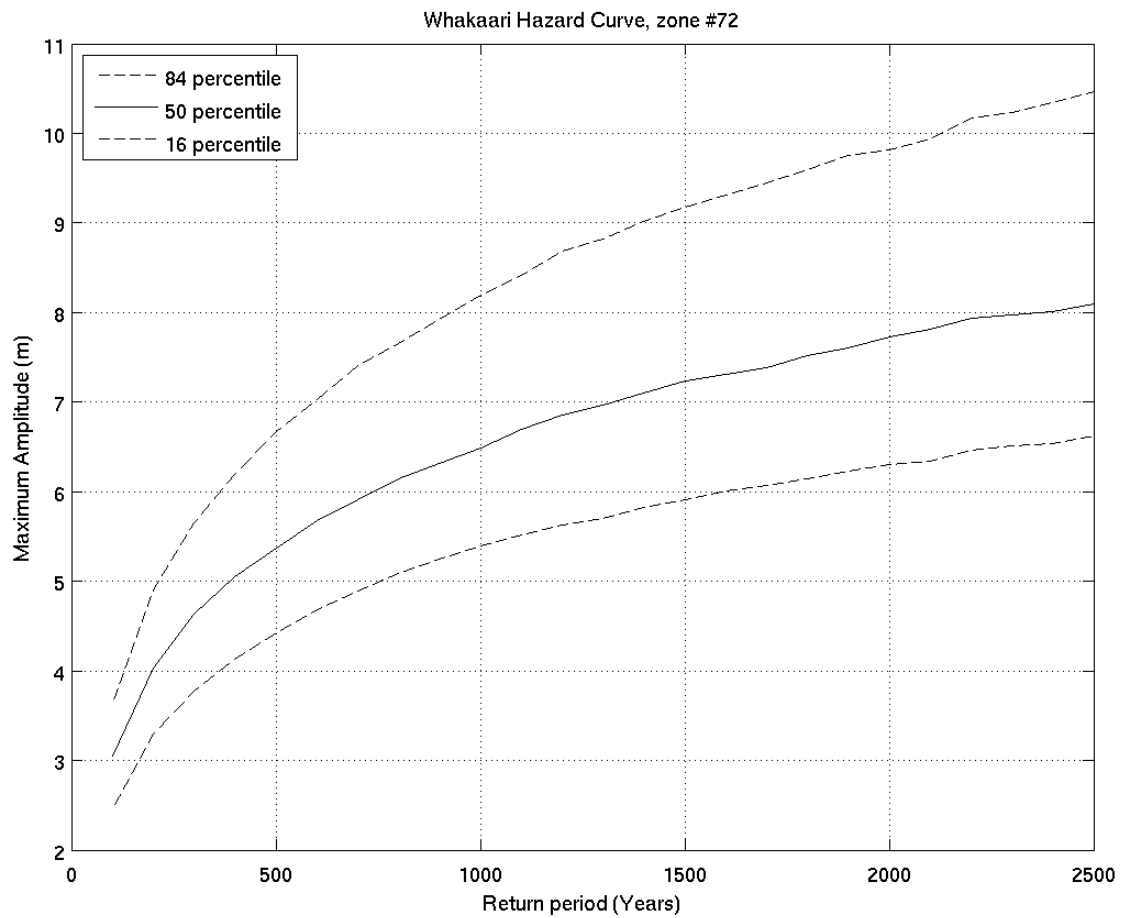
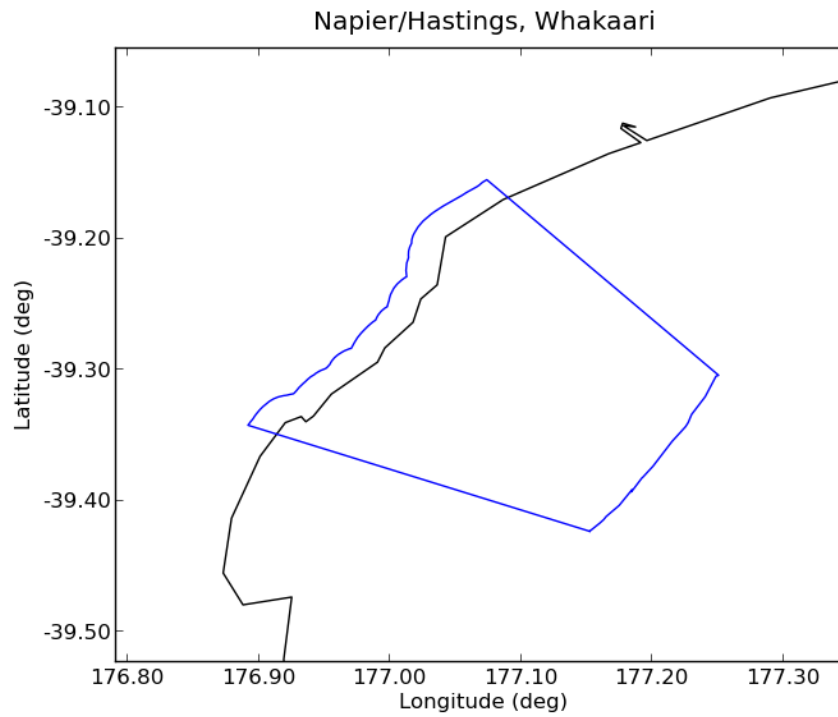
Deaggregation of Zone:71, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1547 m



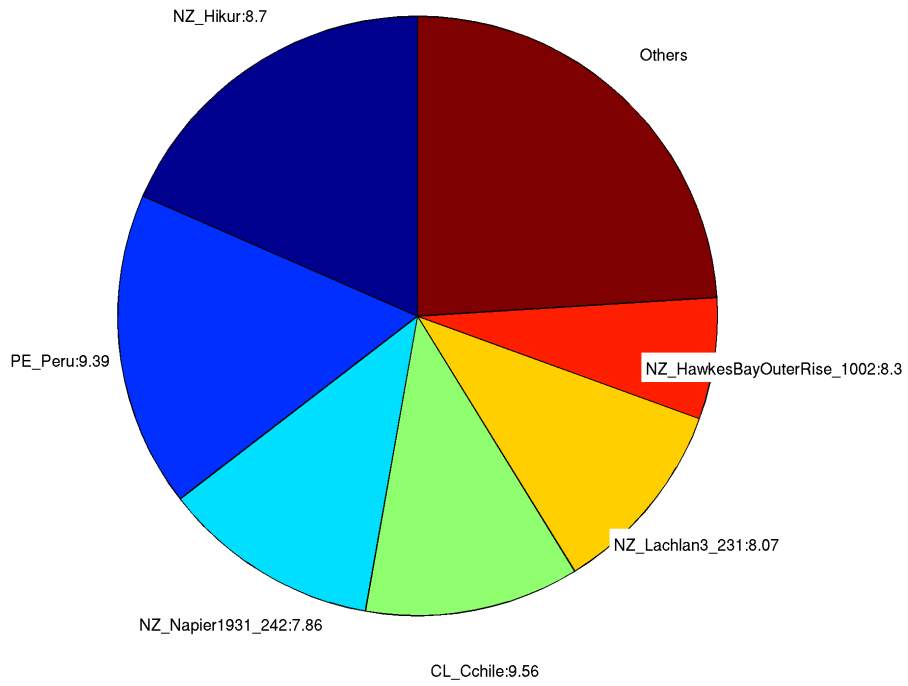
Deaggregation of Zone:71, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.865 m



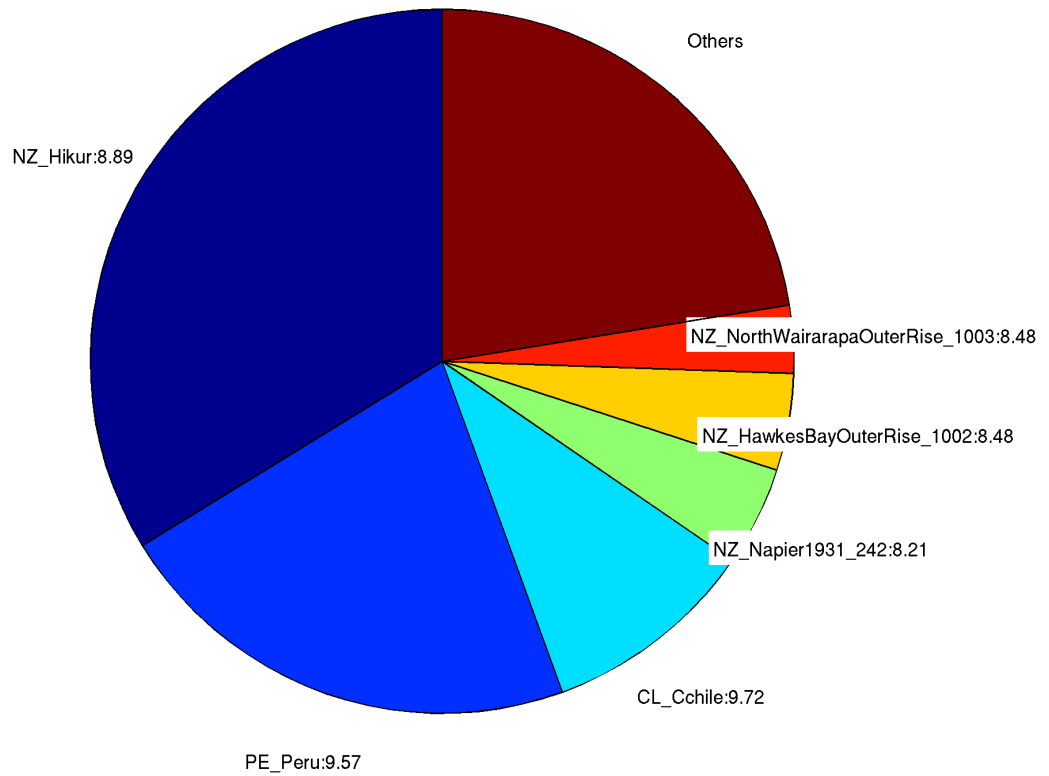
## 72. Whakaari



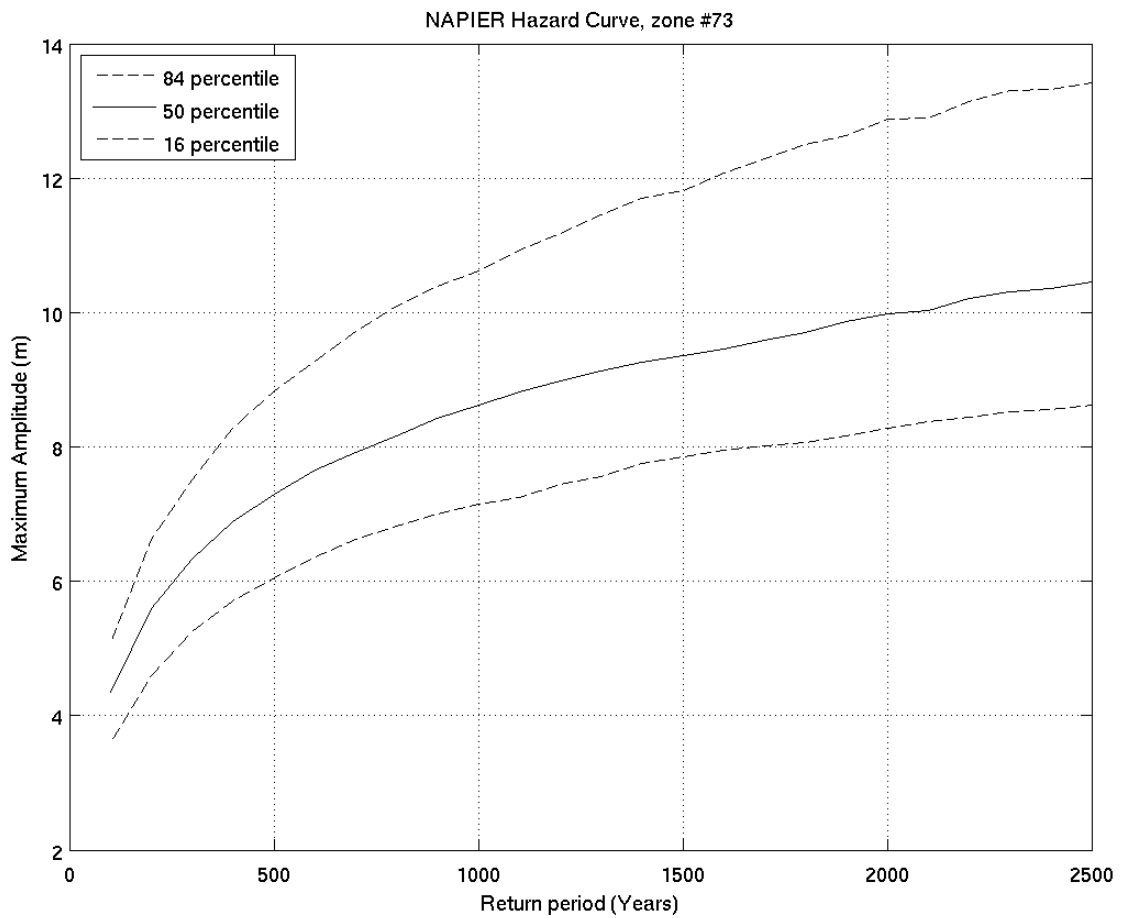
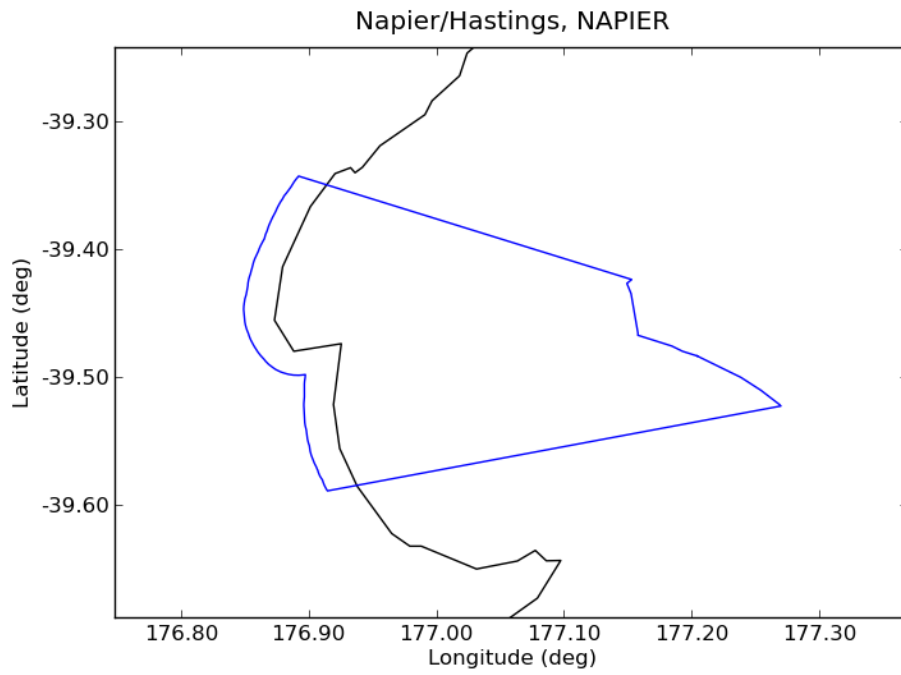
Deaggregation of Zone:72, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3712 m



Deaggregation of Zone:72, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.0777 m

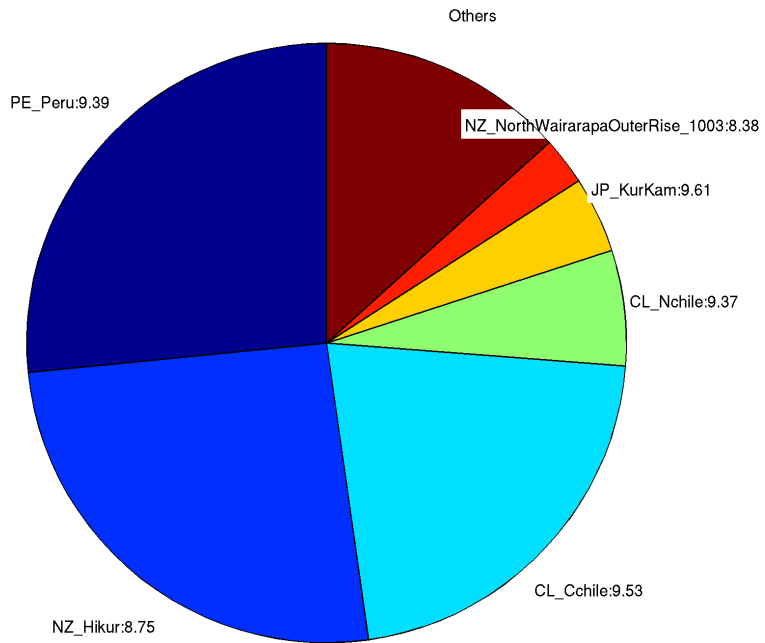


### 73. NAPIER

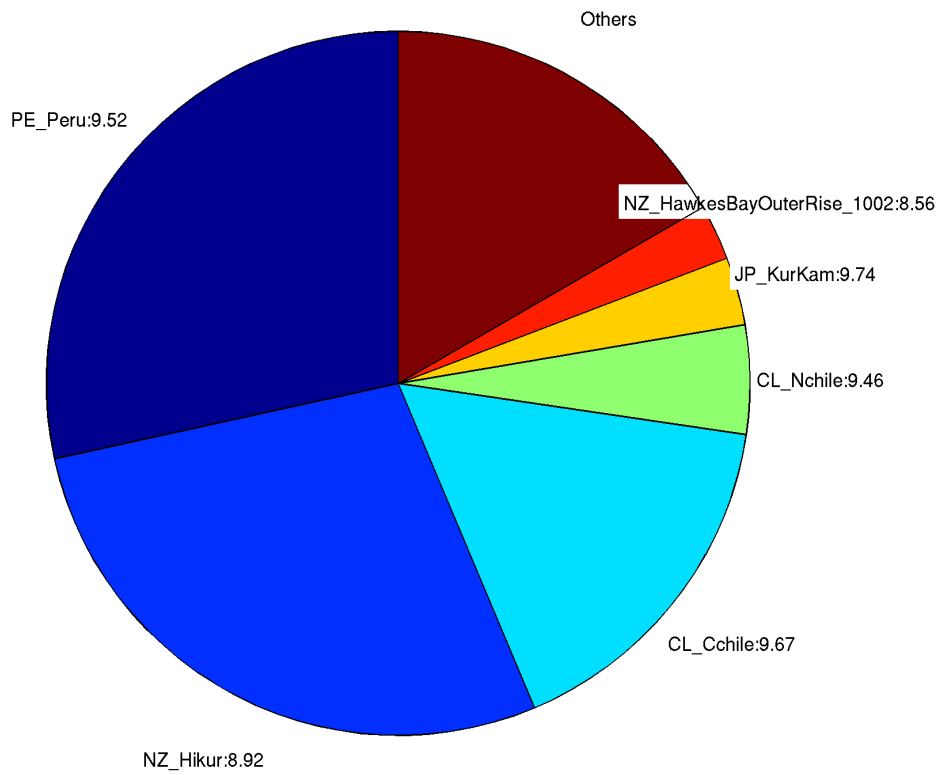




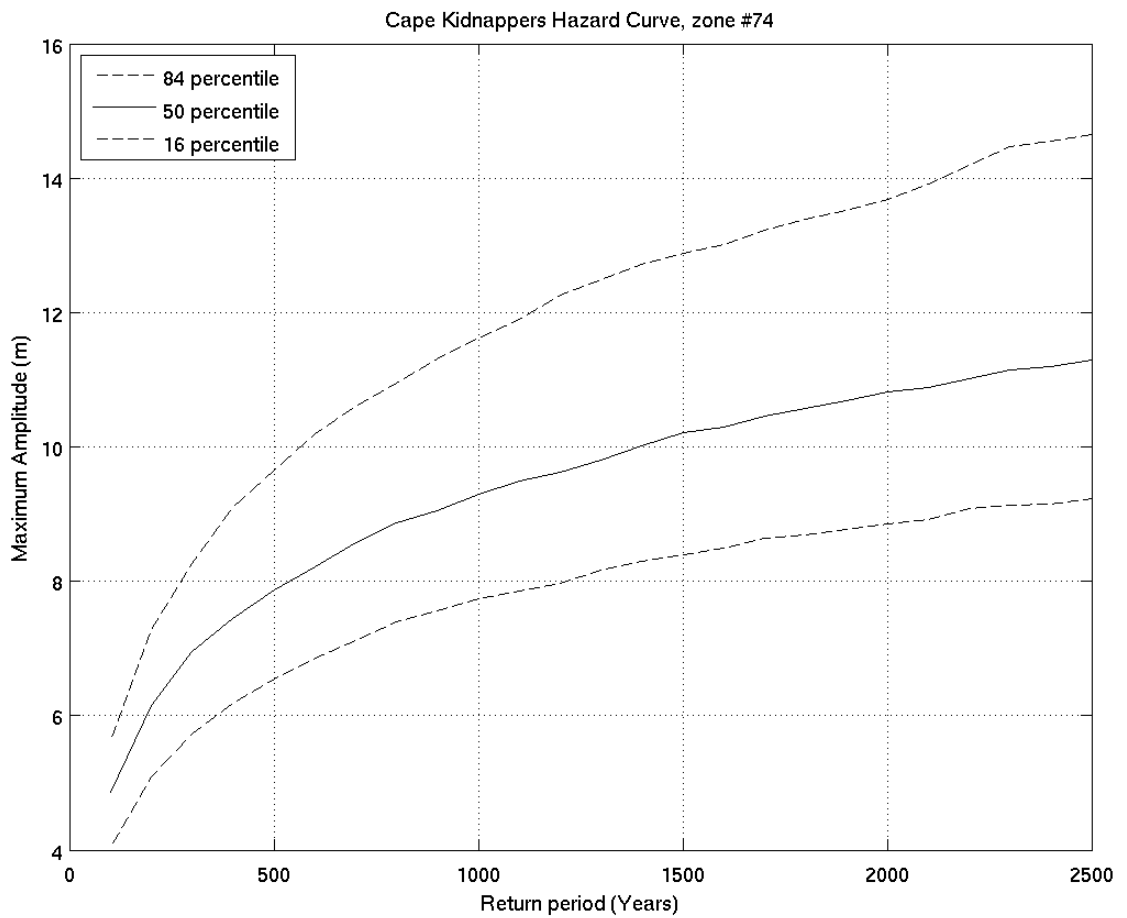
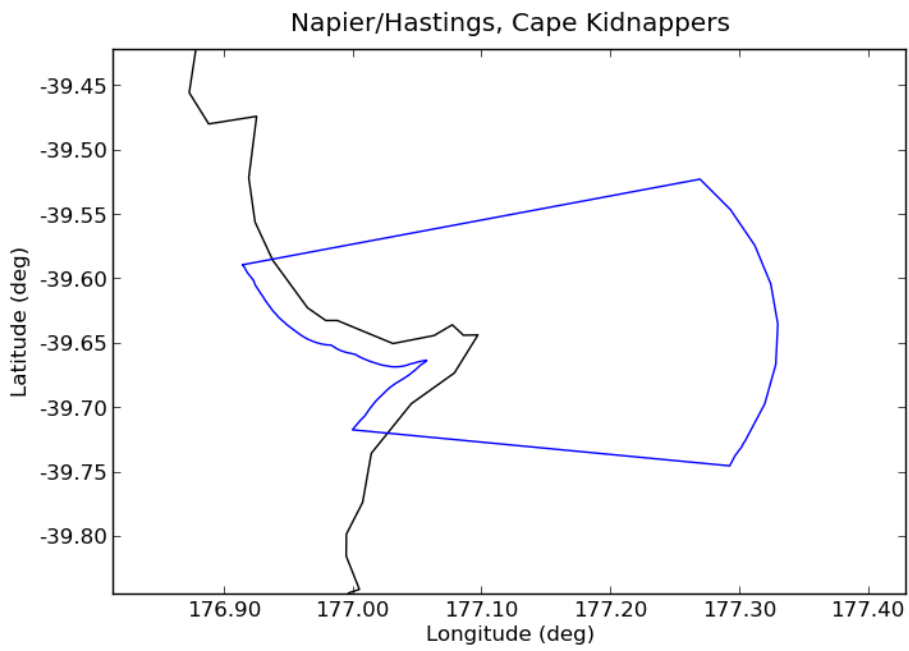
Deaggregation of Zone:73, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3023 m



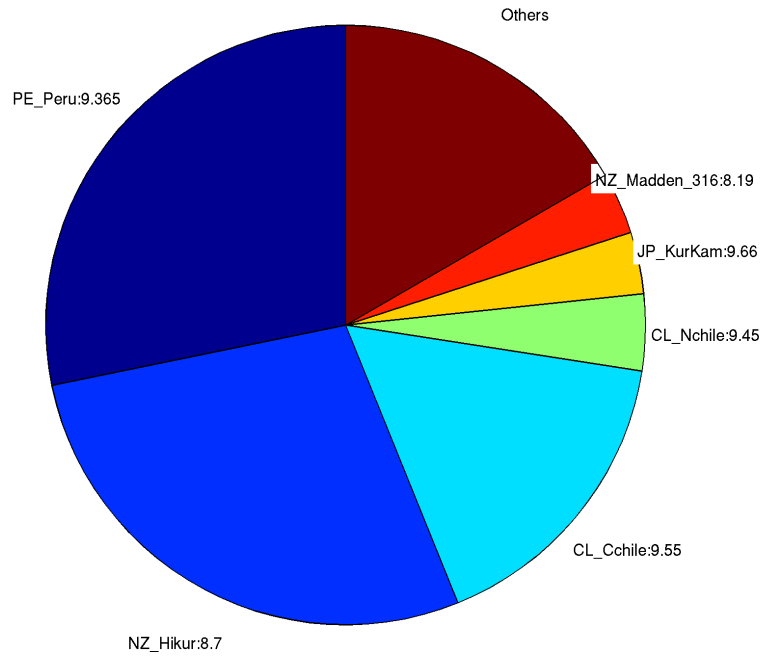
Deaggregation of Zone:73, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.4591 m



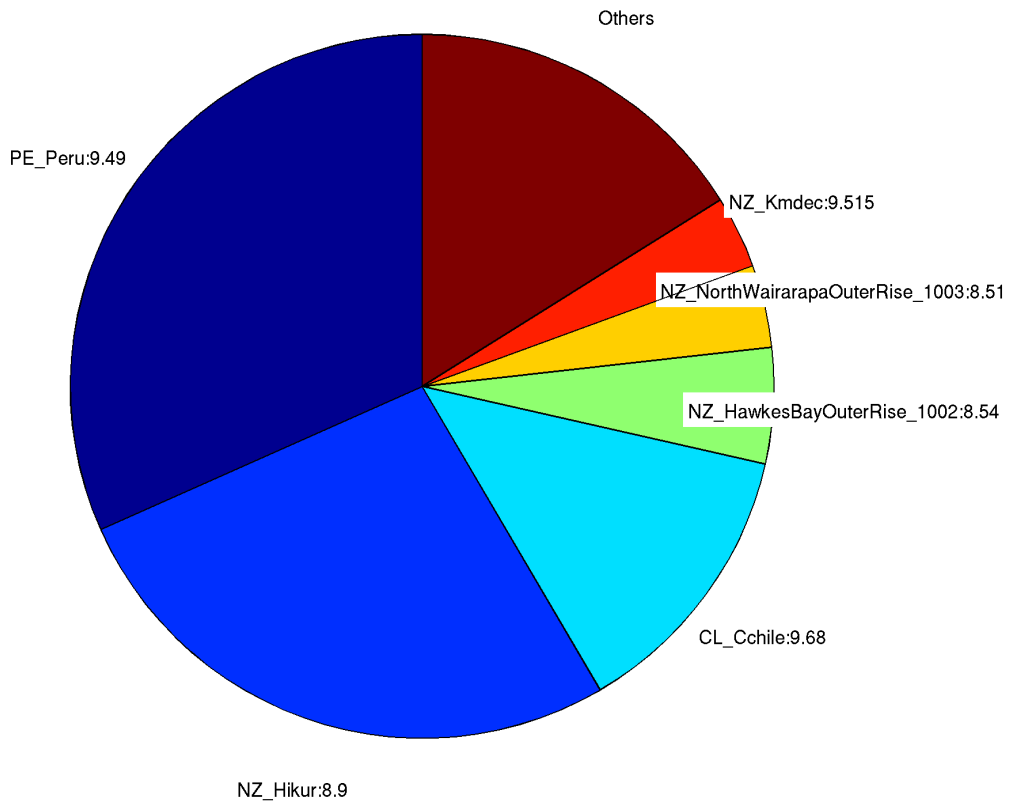
## 74. Cape Kidnappers



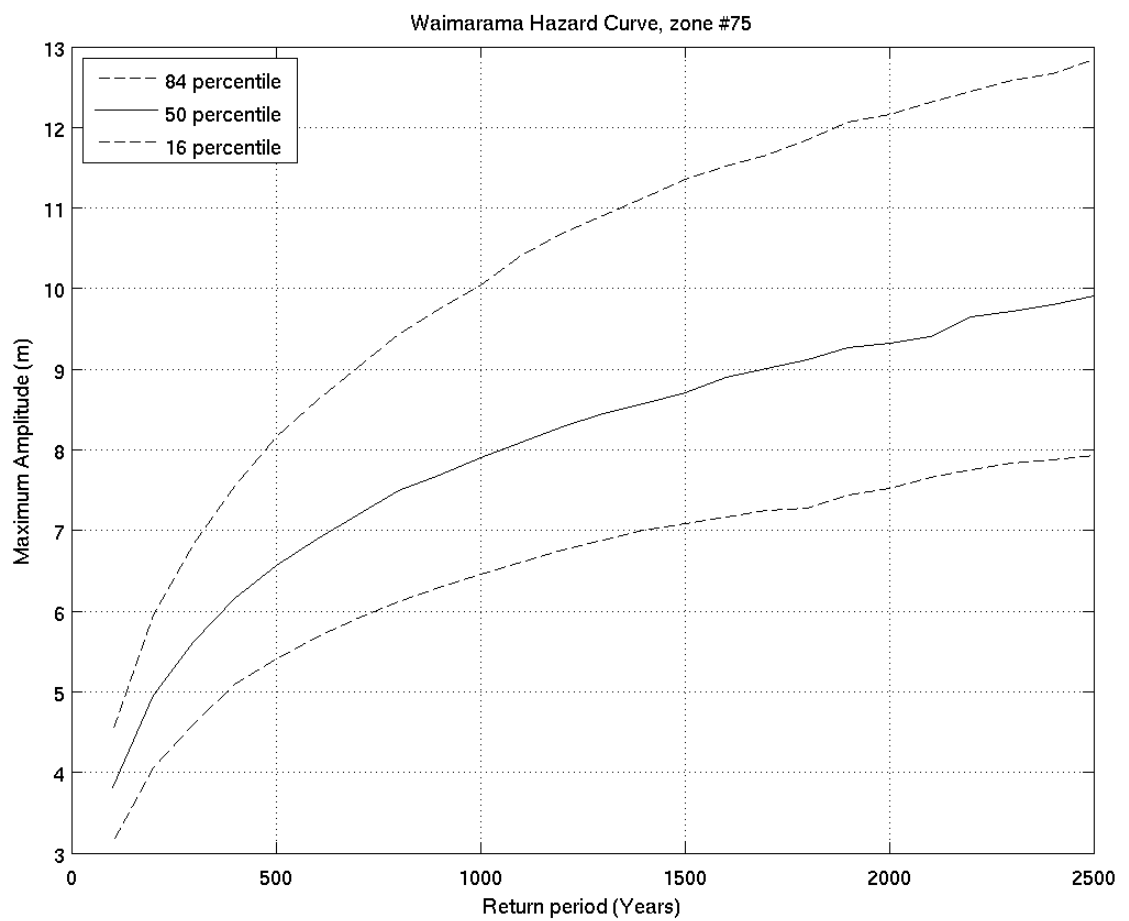
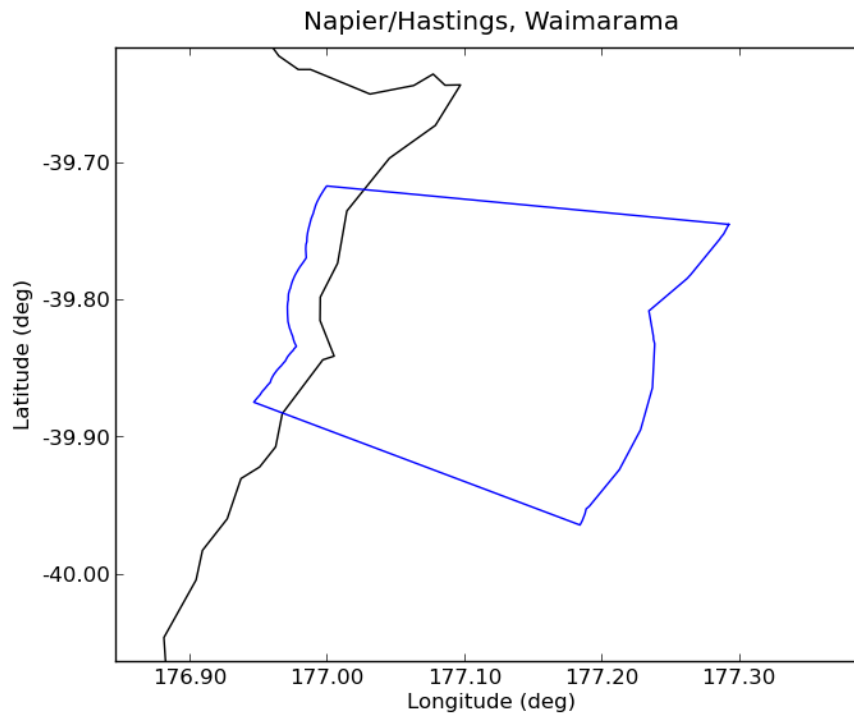
Deaggregation of Zone:74, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8524 m



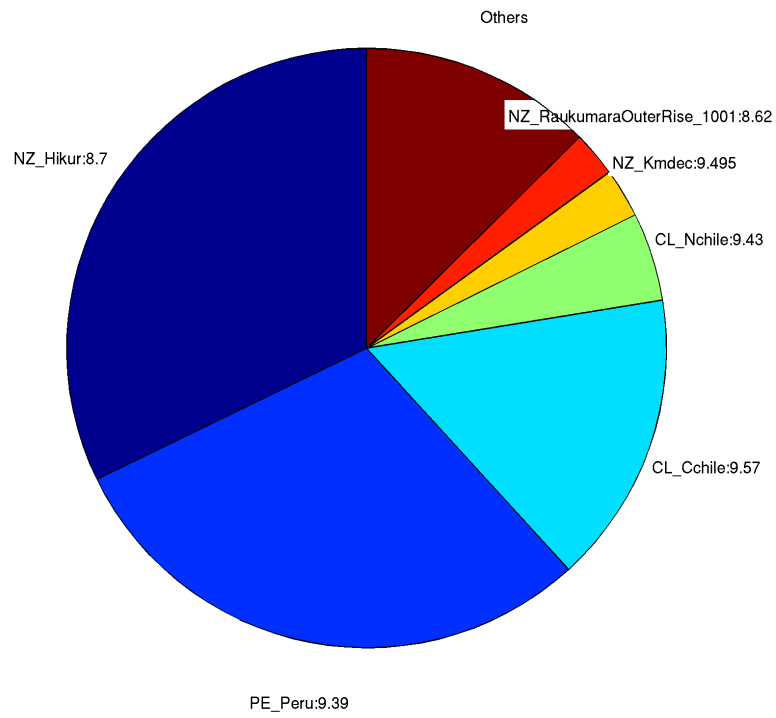
Deaggregation of Zone:74, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.2823 m



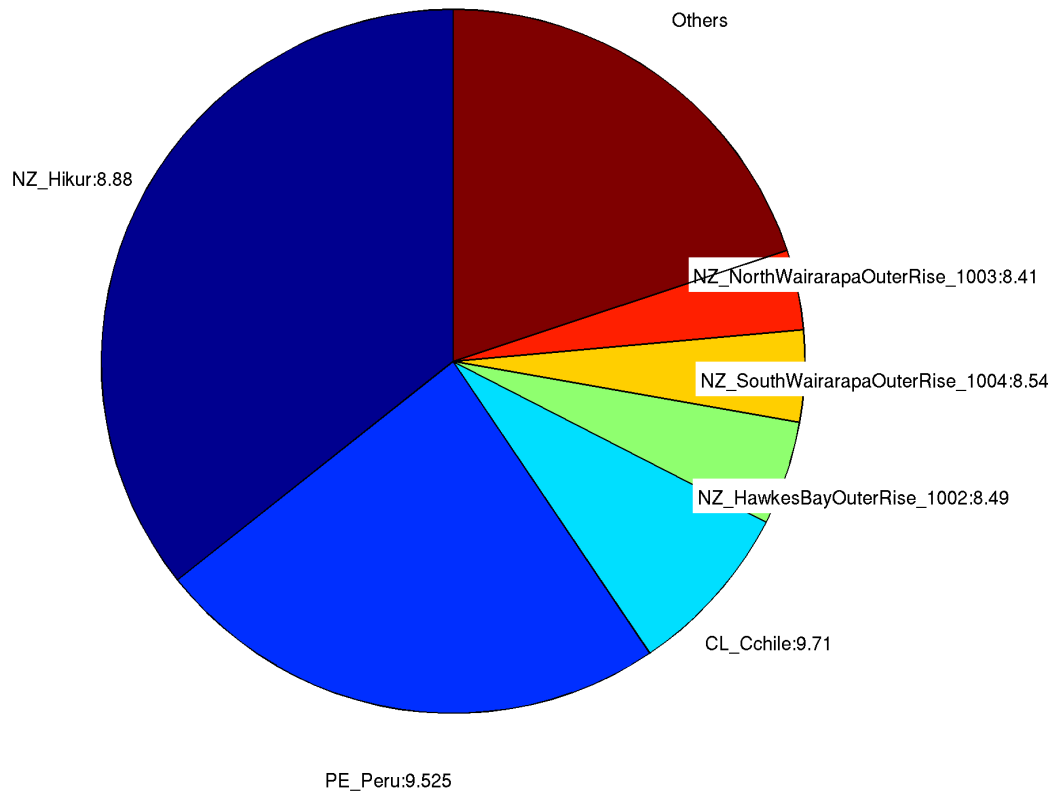
## 75. Waimarama



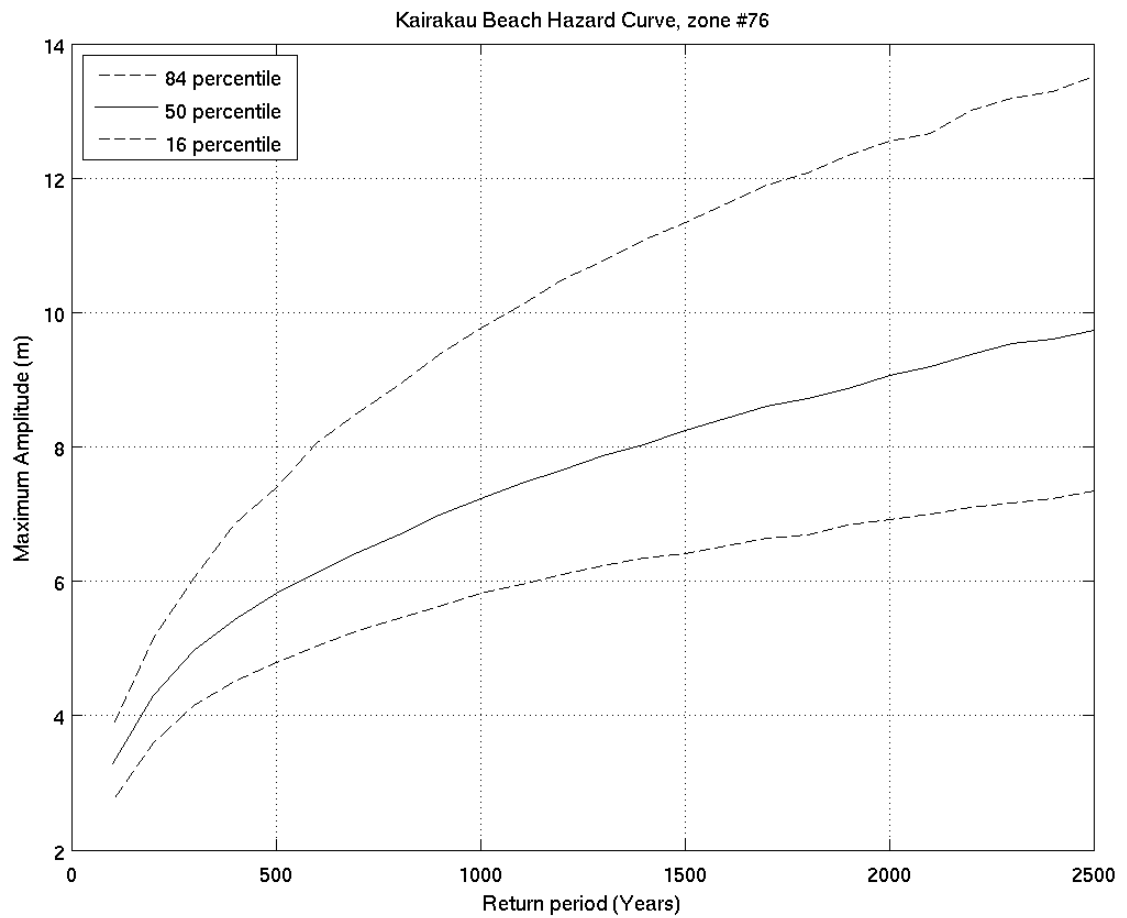
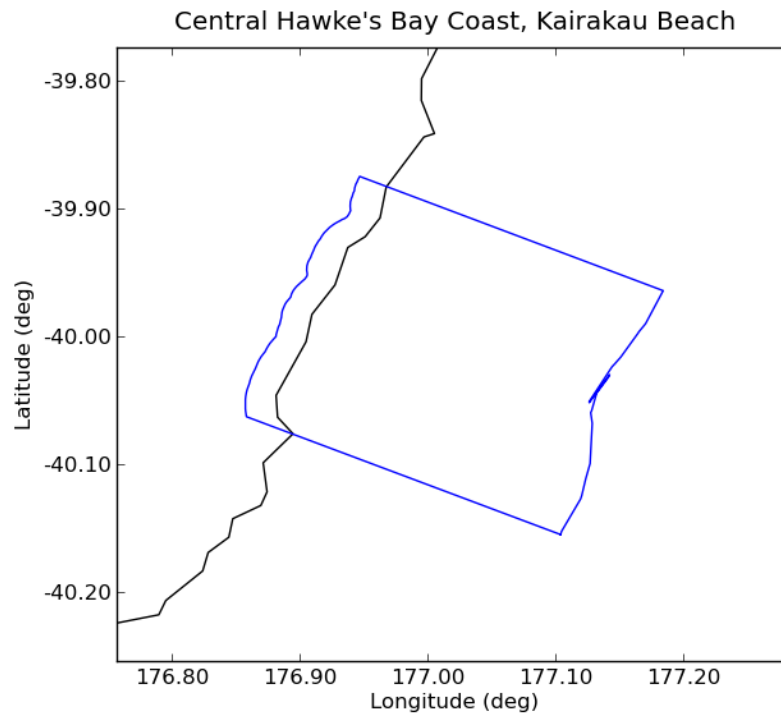
Deaggregation of Zone:75, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.5702 m



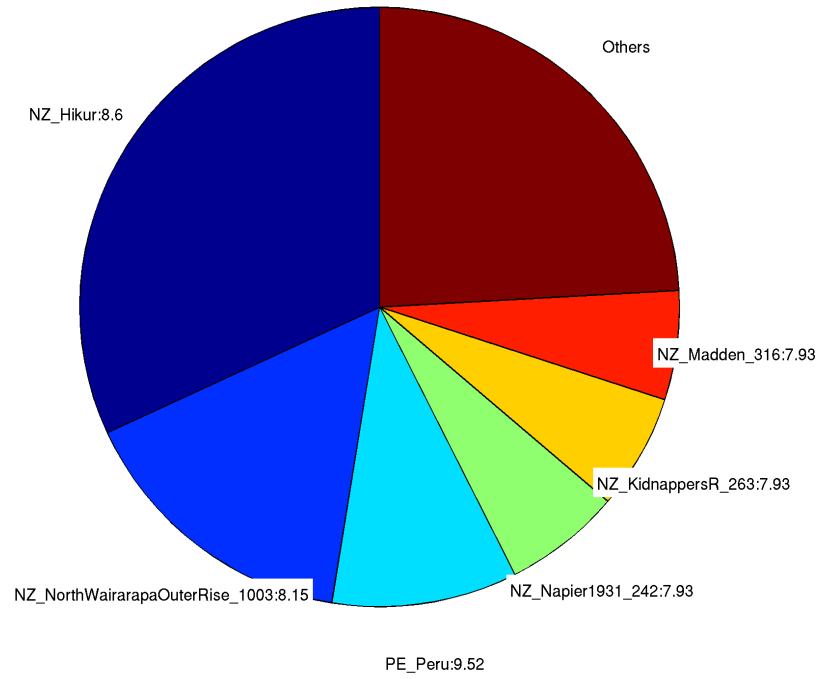
Deaggregation of Zone:75, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.9119 m



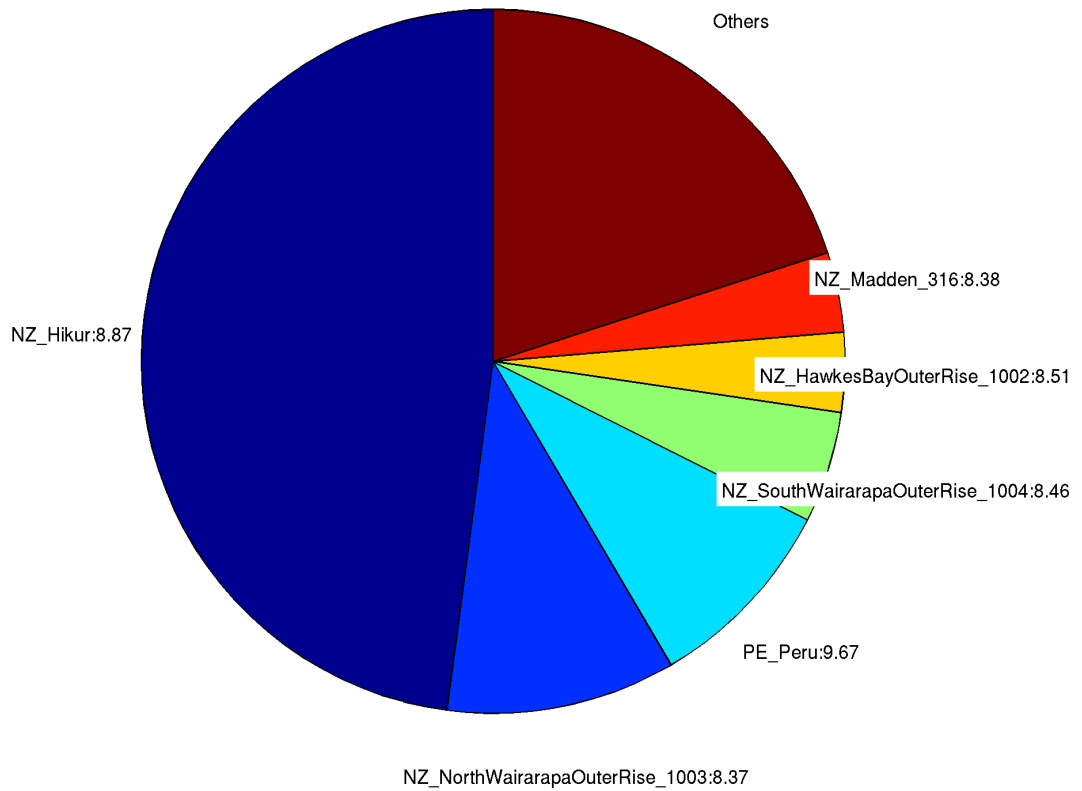
## 76. Kairakau Beach



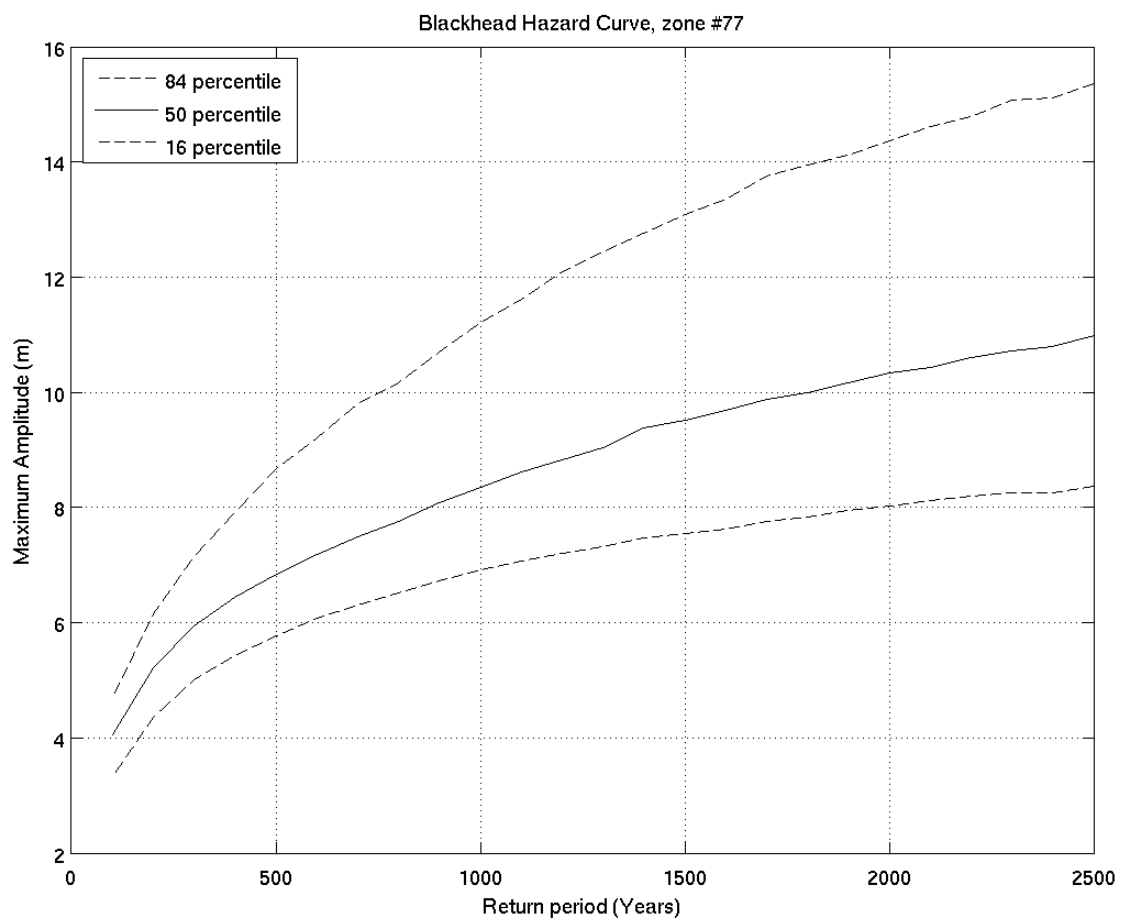
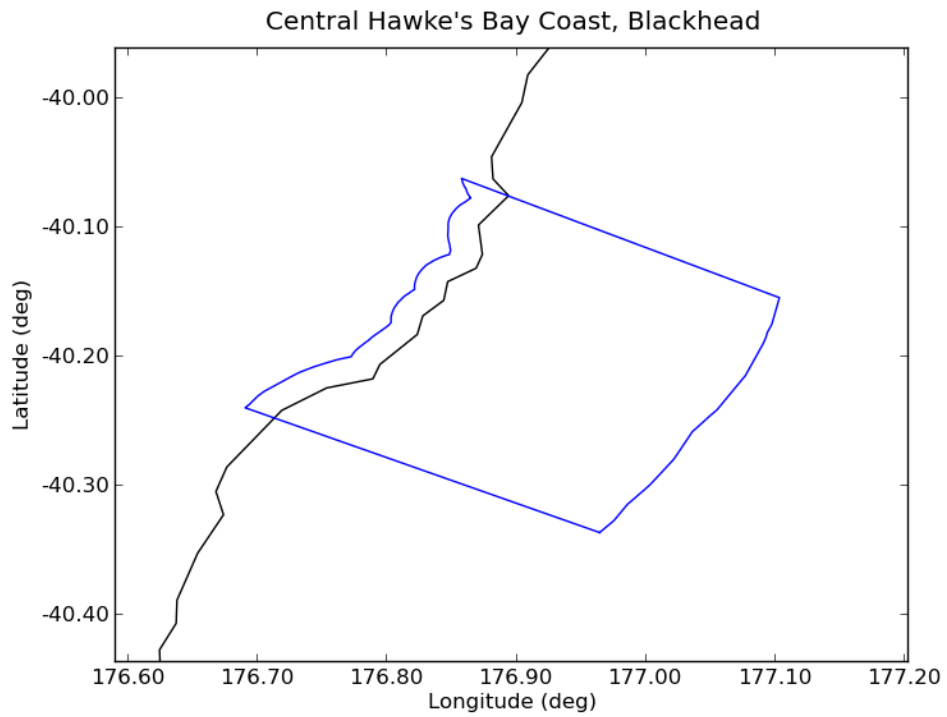
Deaggregation of Zone:76, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.824 m



Deaggregation of Zone:76, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.7187 m

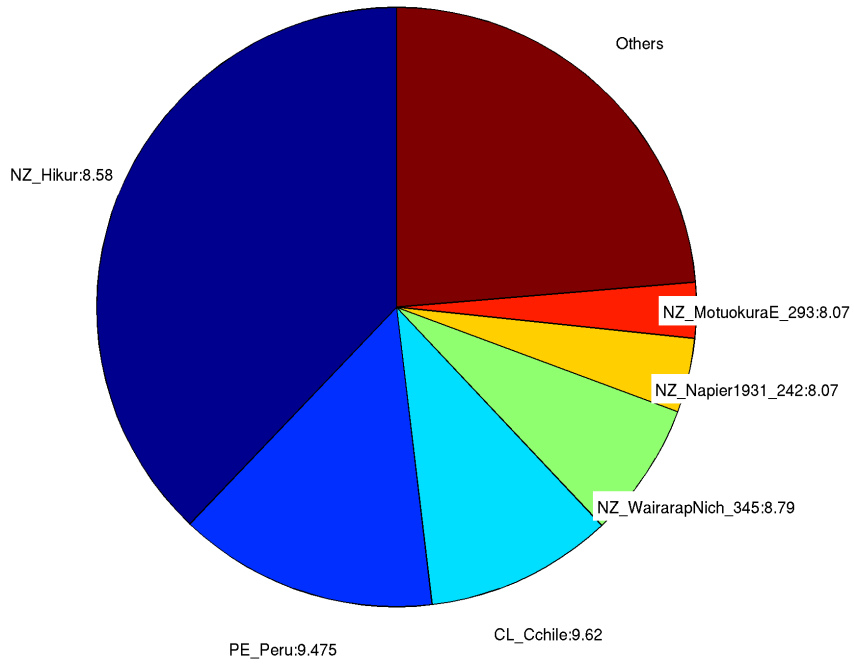


## 77. Blackhead

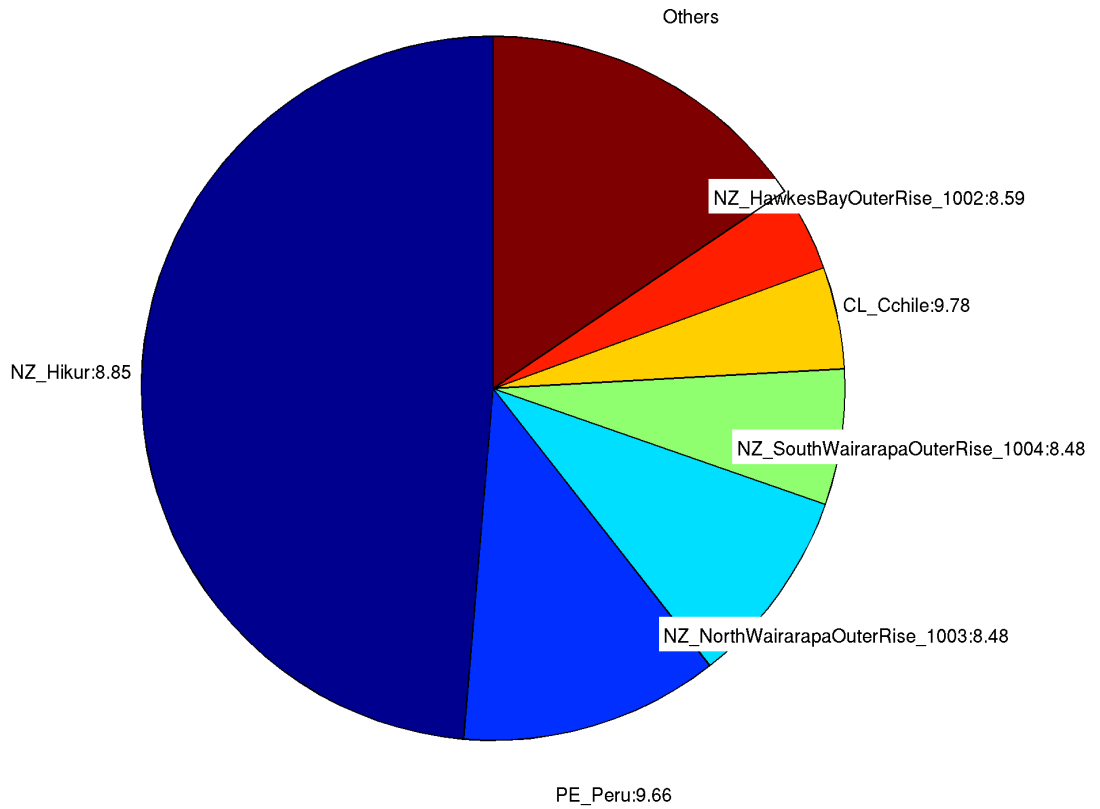




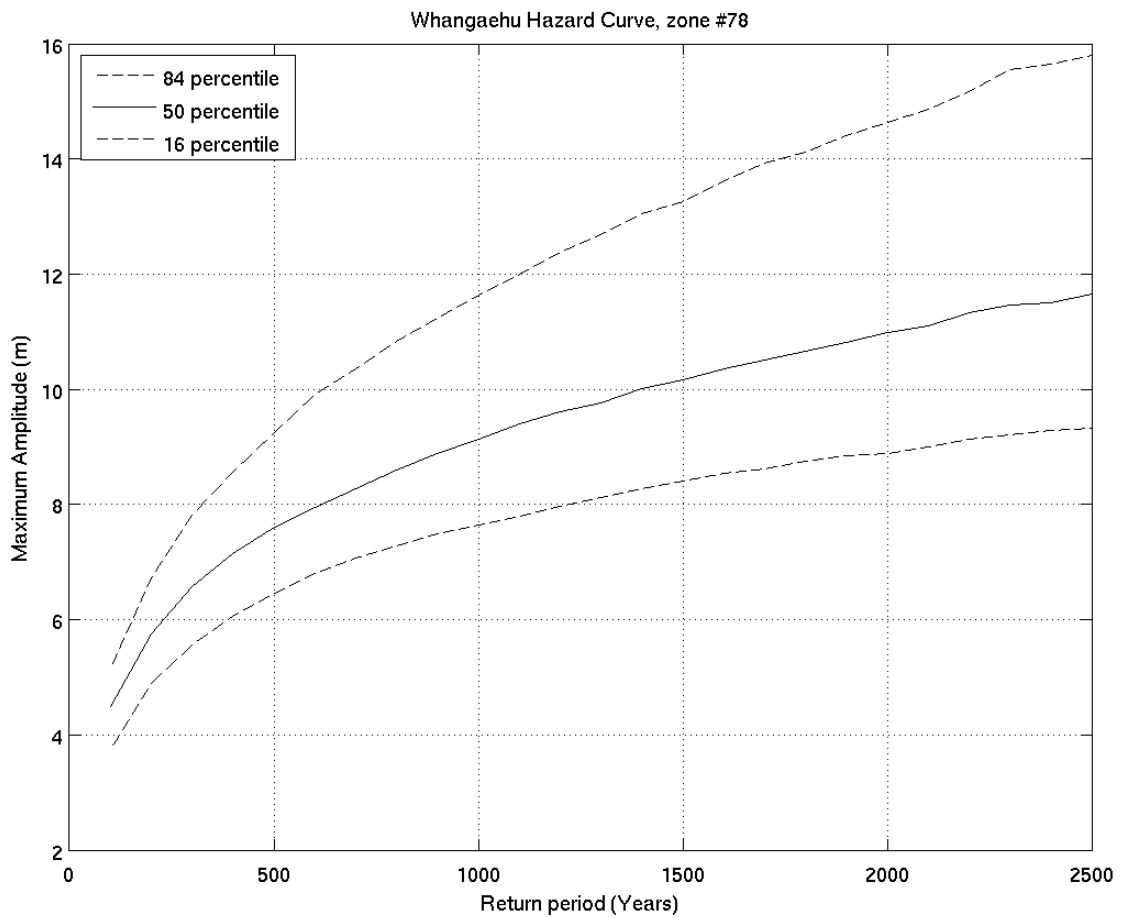
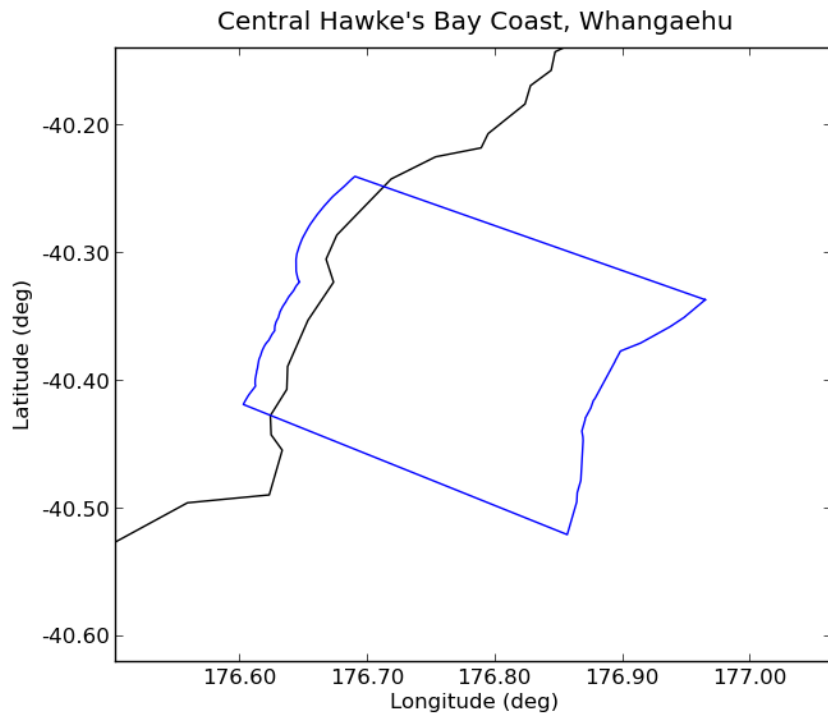
Deaggregation of Zone:77, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8461 m



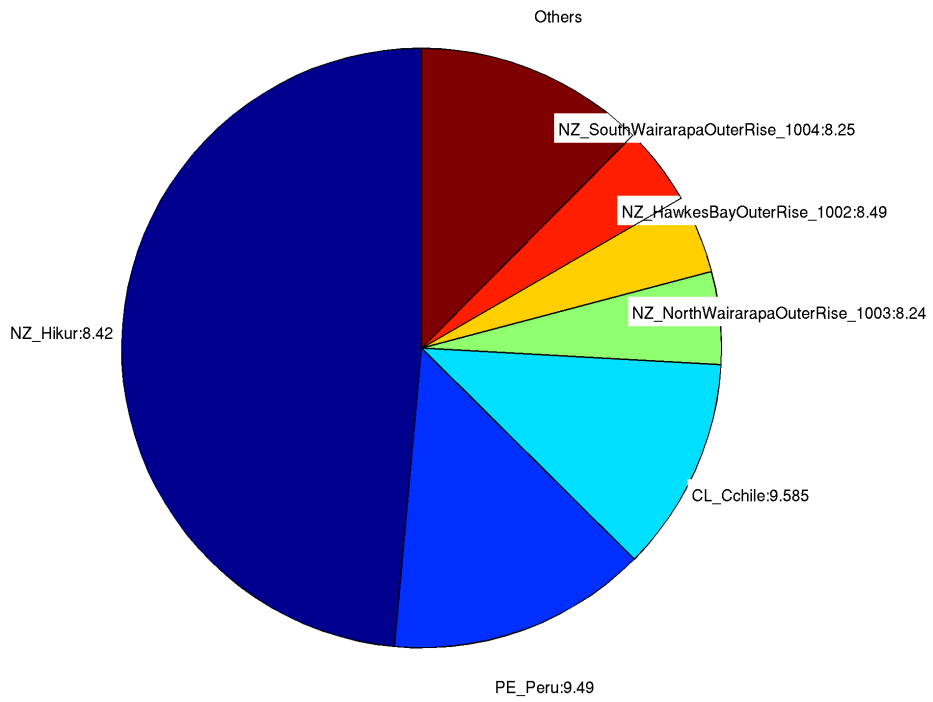
Deaggregation of Zone:77, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.9648 m



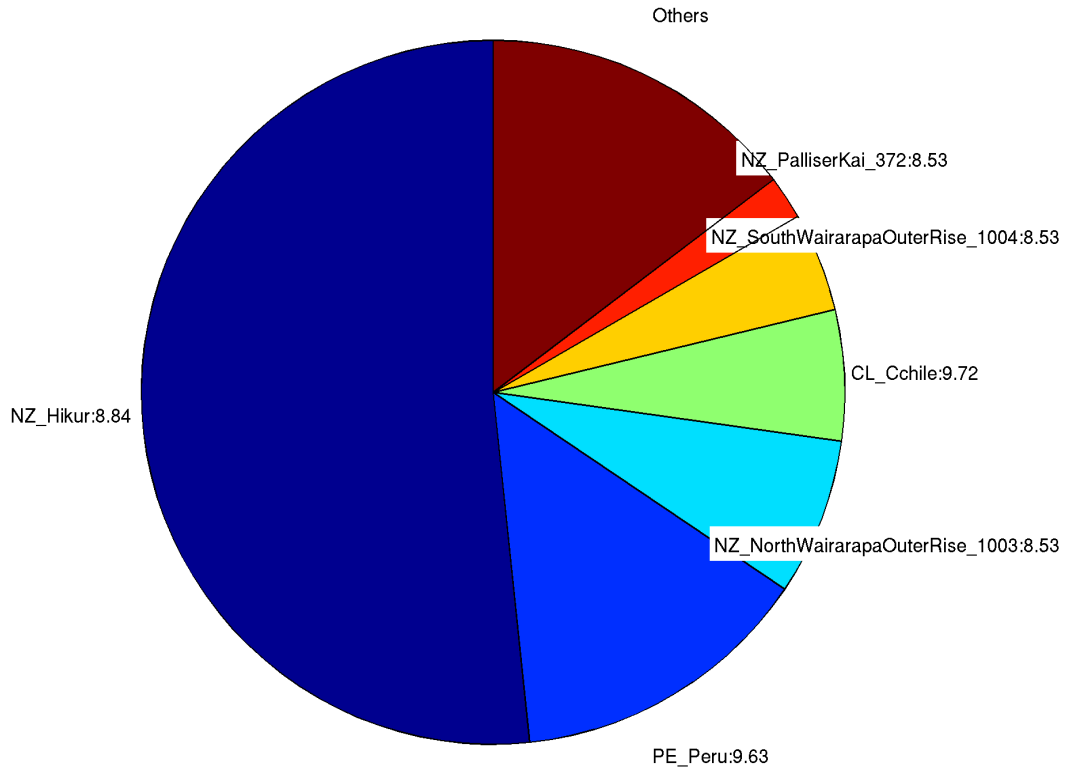
## 78. Whangaehu



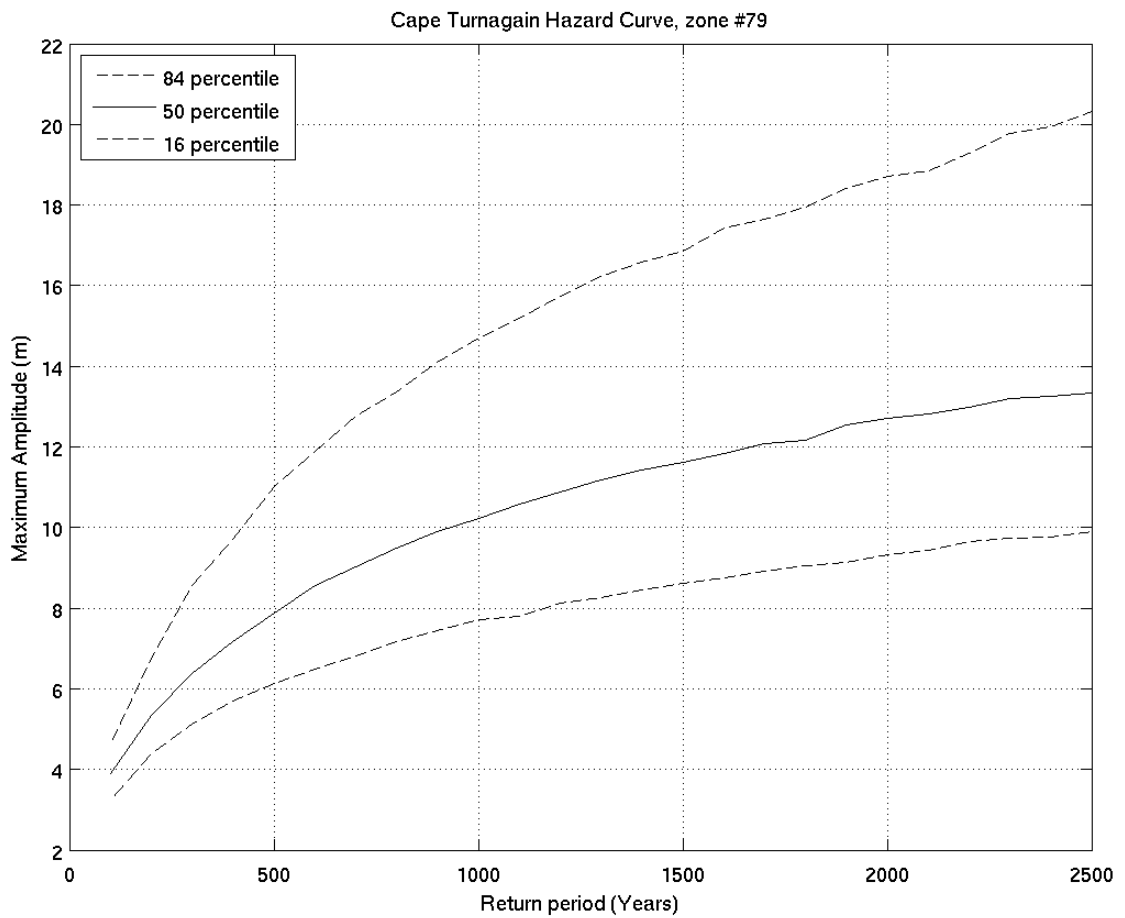
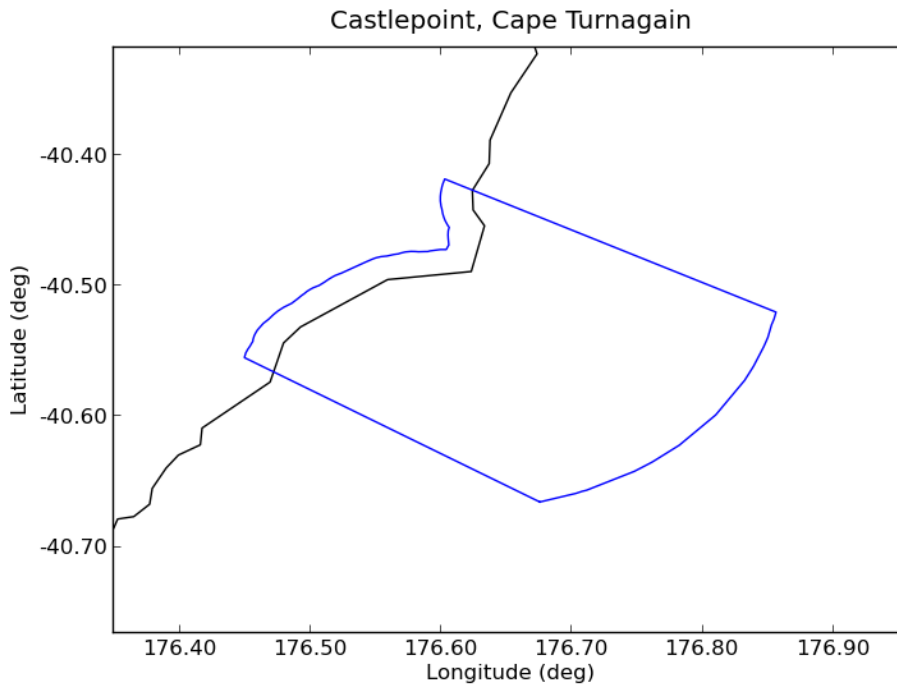
Deaggregation of Zone:78, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.6102 m



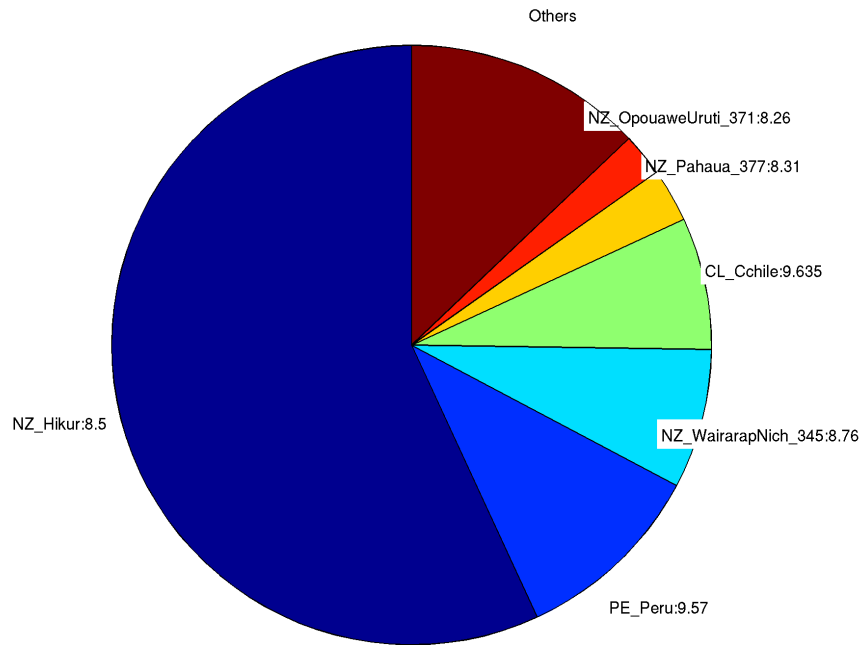
Deaggregation of Zone:78, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.6198 m



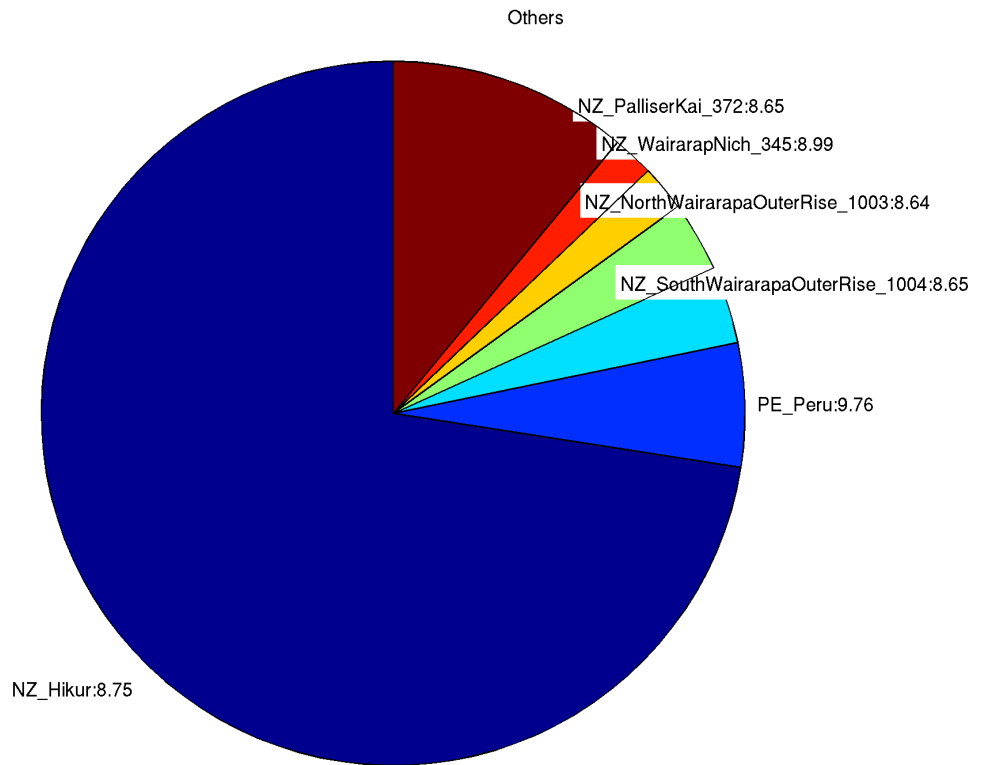
## 79. Cape Turnagain



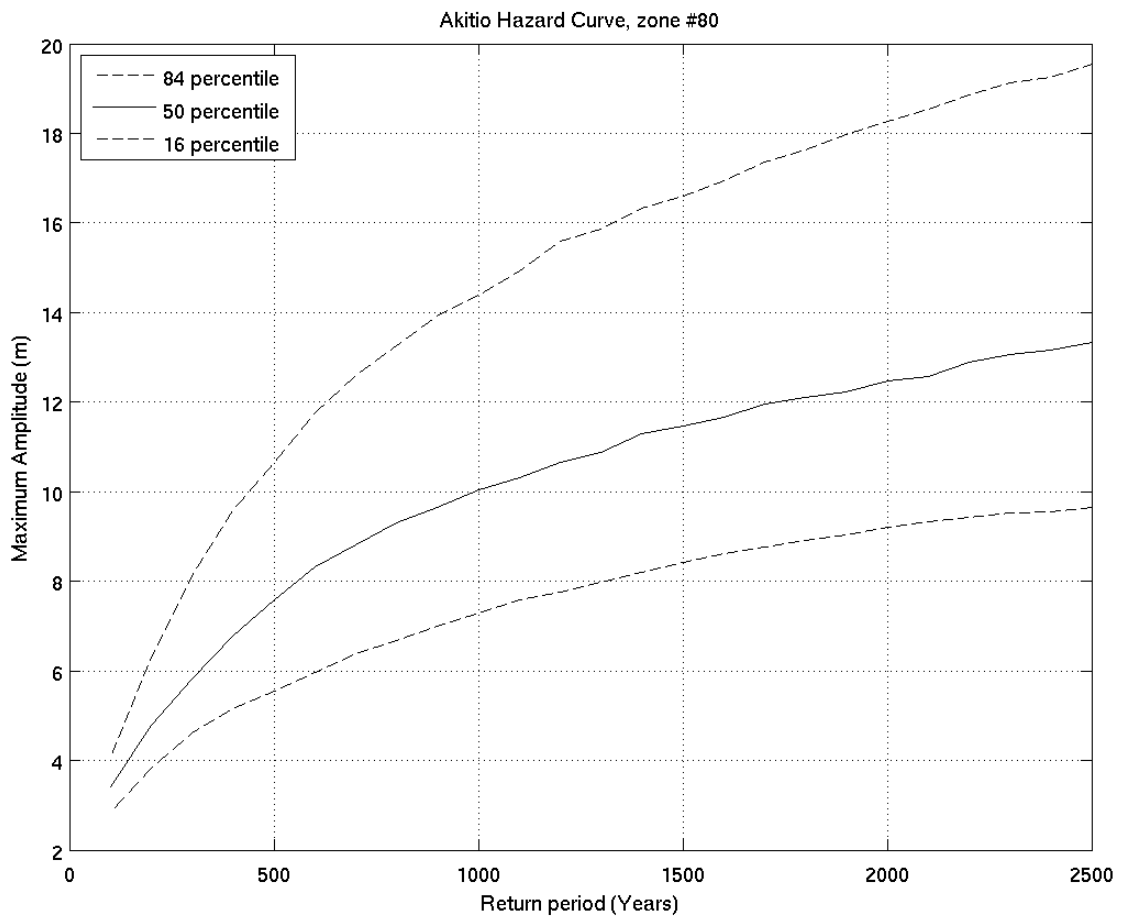
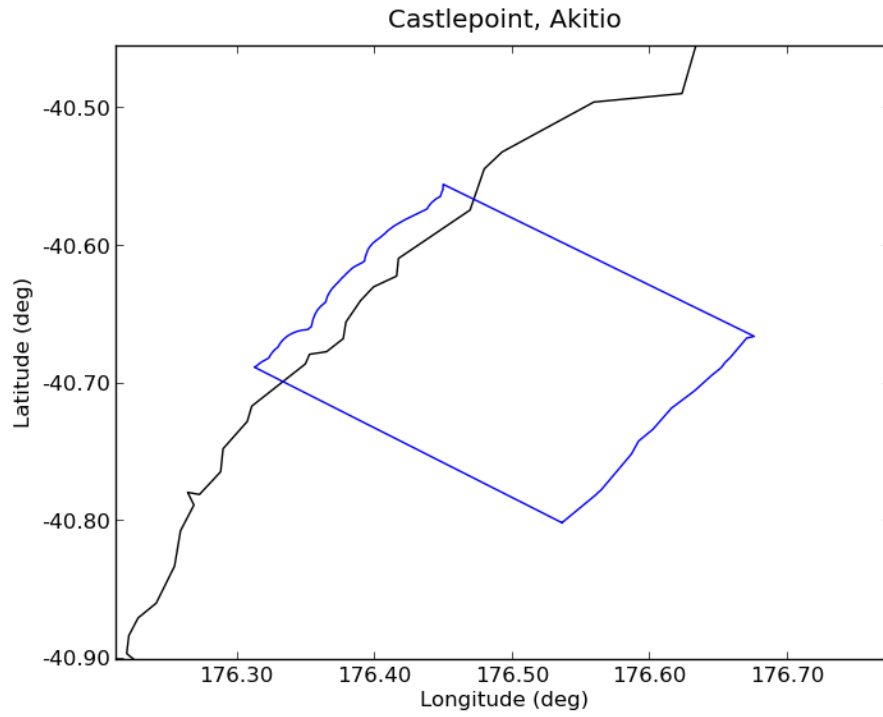
Deaggregation of Zone:79, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8858 m



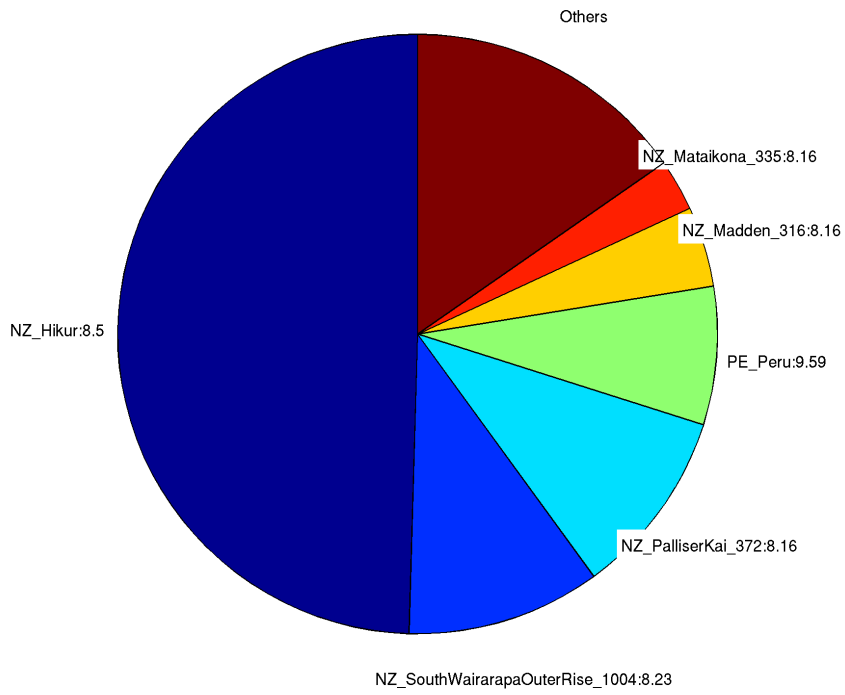
Deaggregation of Zone:79, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.3203 m



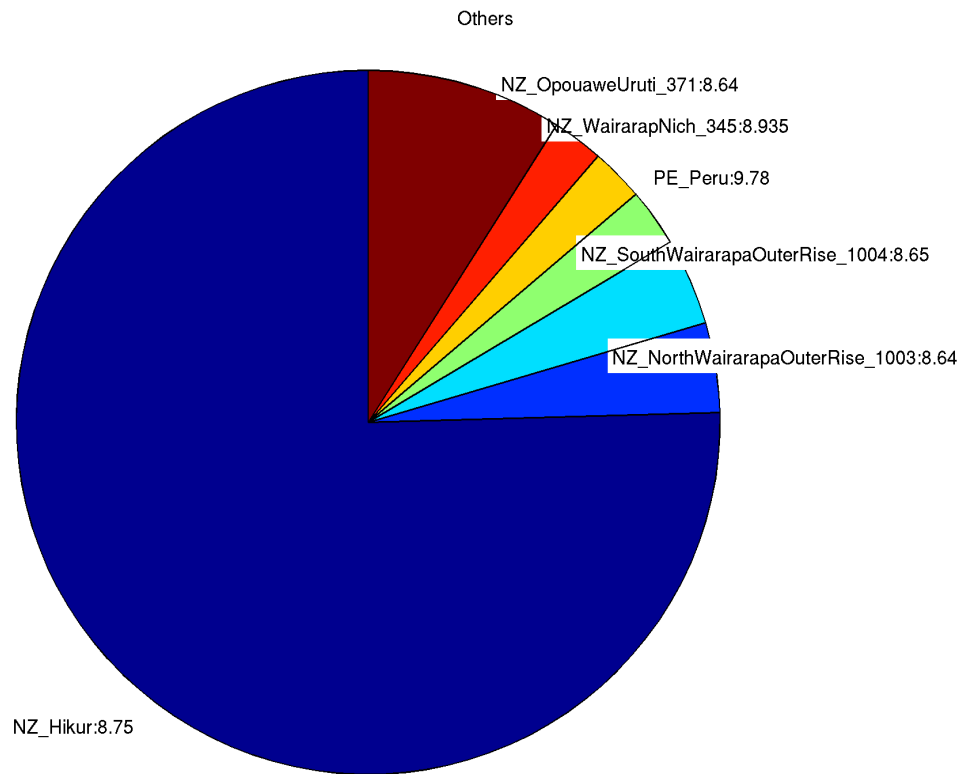
80. *Akitio*



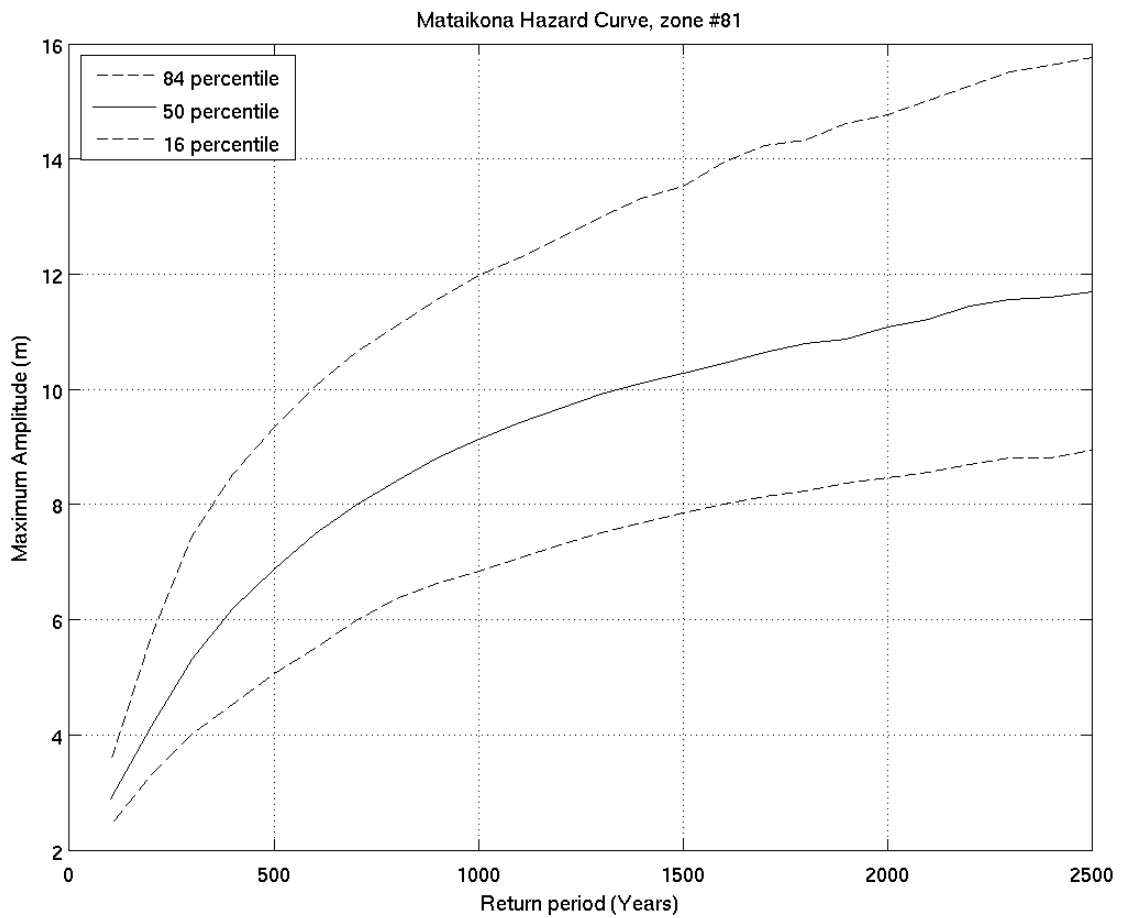
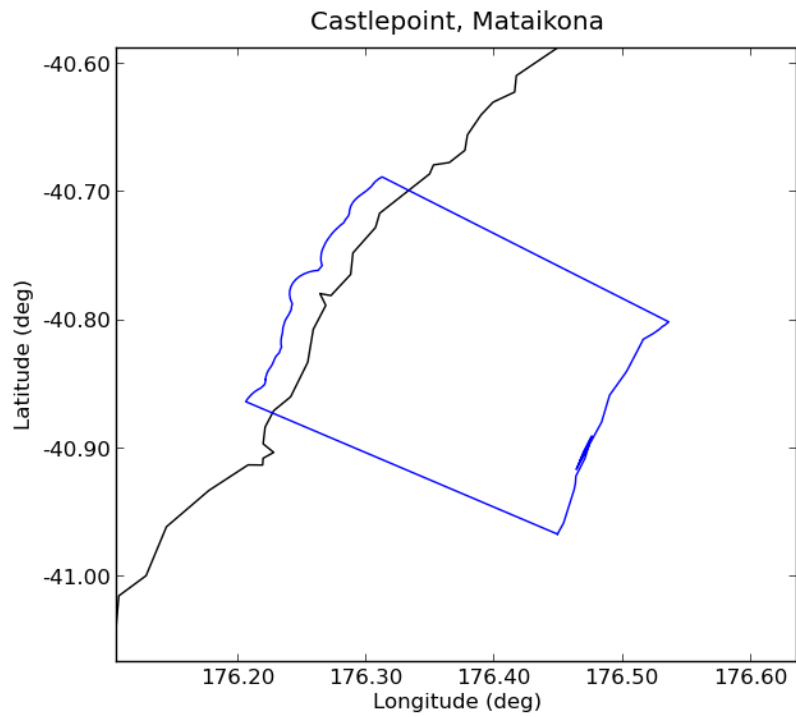
Deaggregation of Zone:80, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5858 m



Deaggregation of Zone:80, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.3041 m

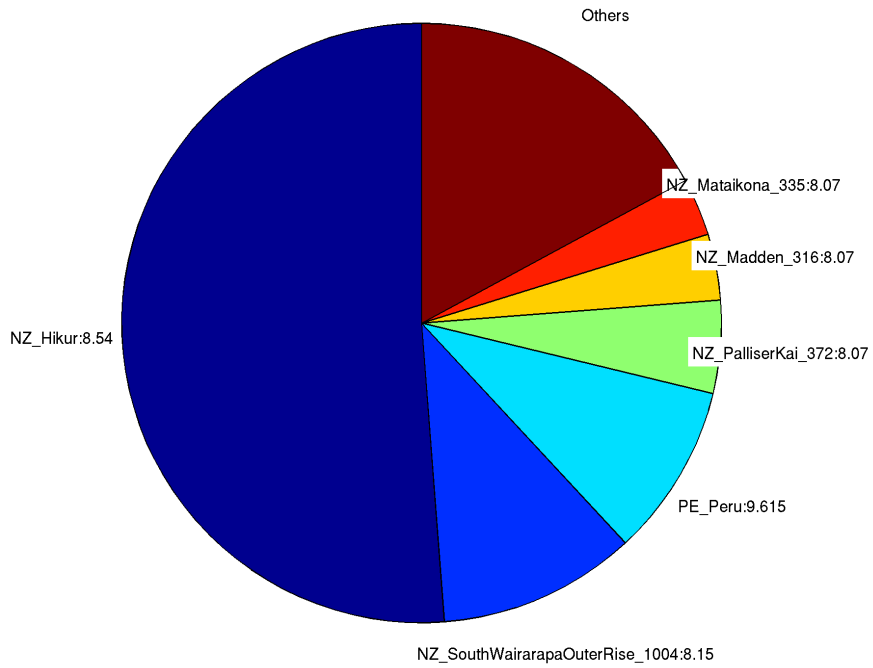


# 81. Mataikona

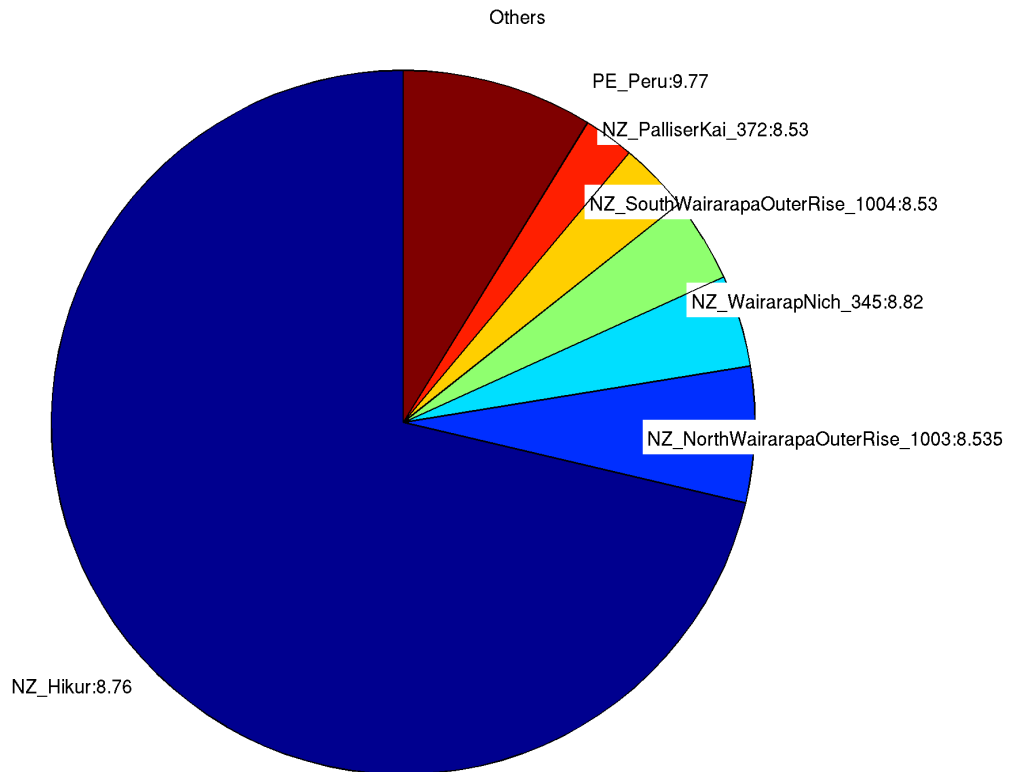




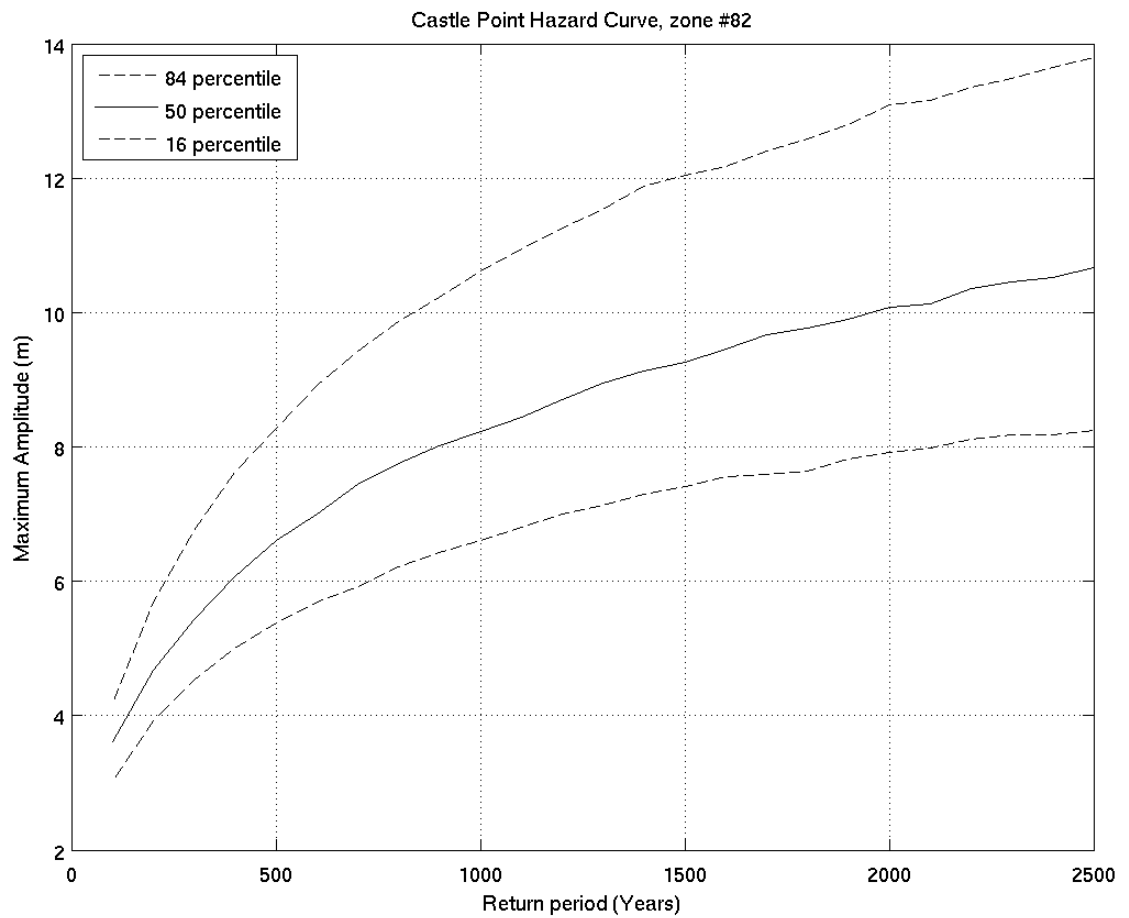
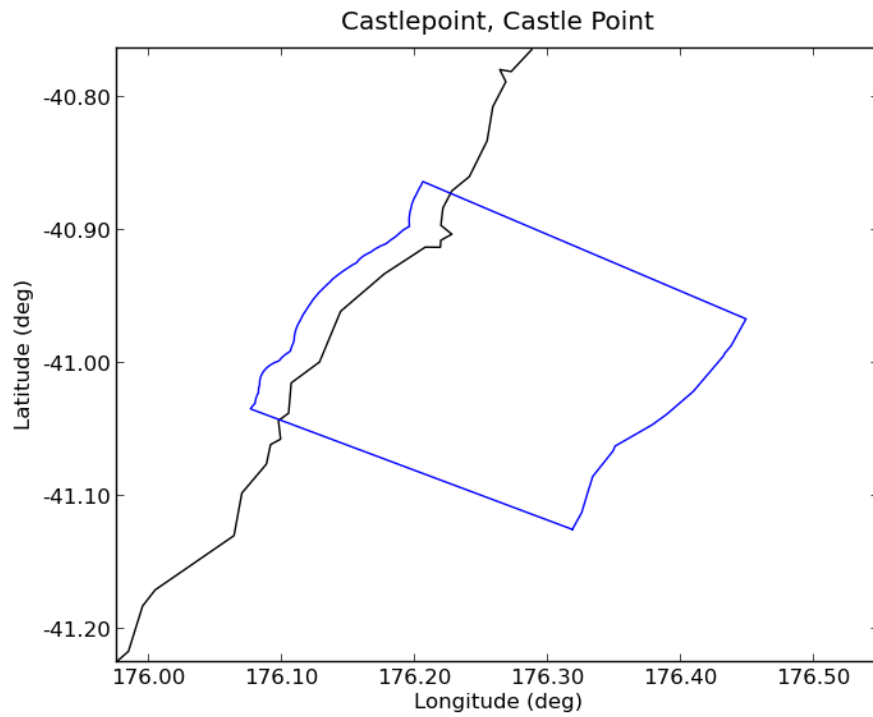
Deaggregation of Zone:81, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8638 m



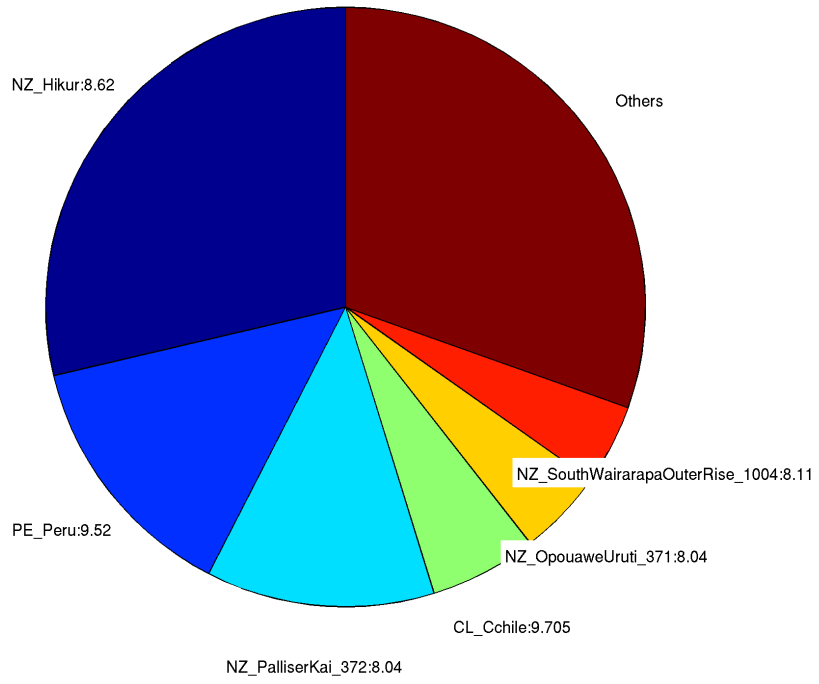
Deaggregation of Zone:81, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.6829 m



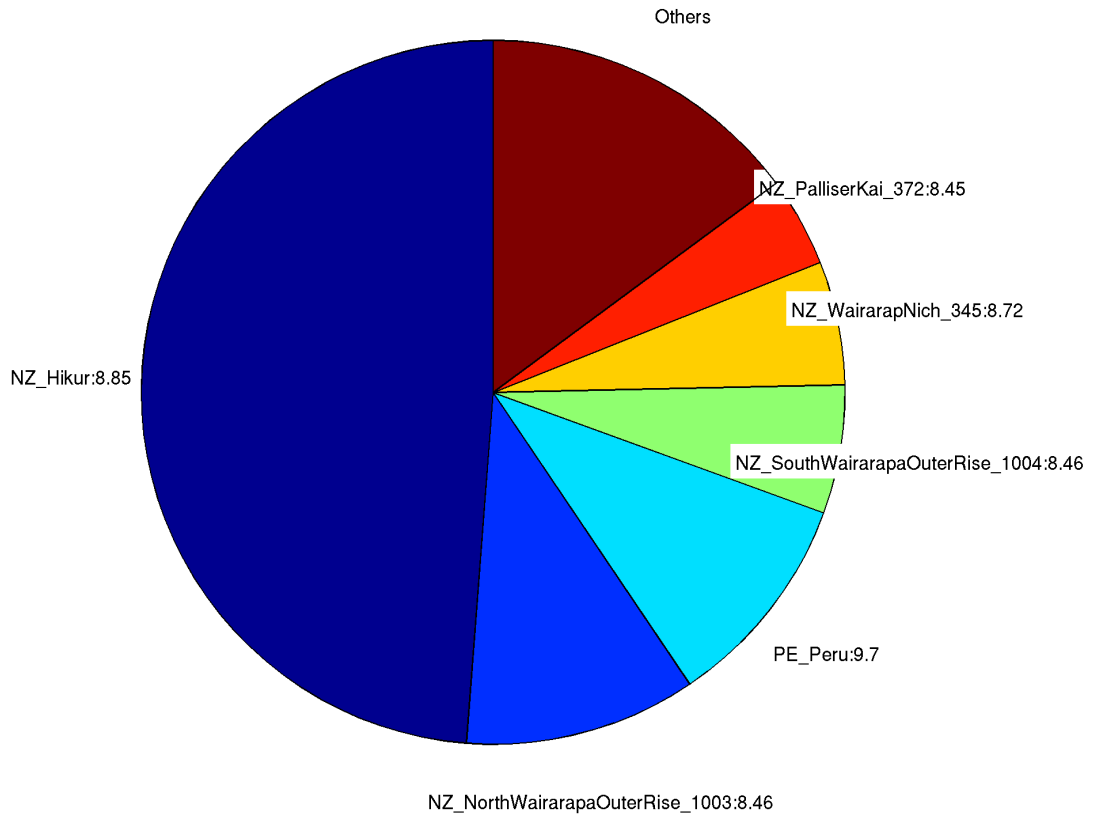
## 82. Castle Point



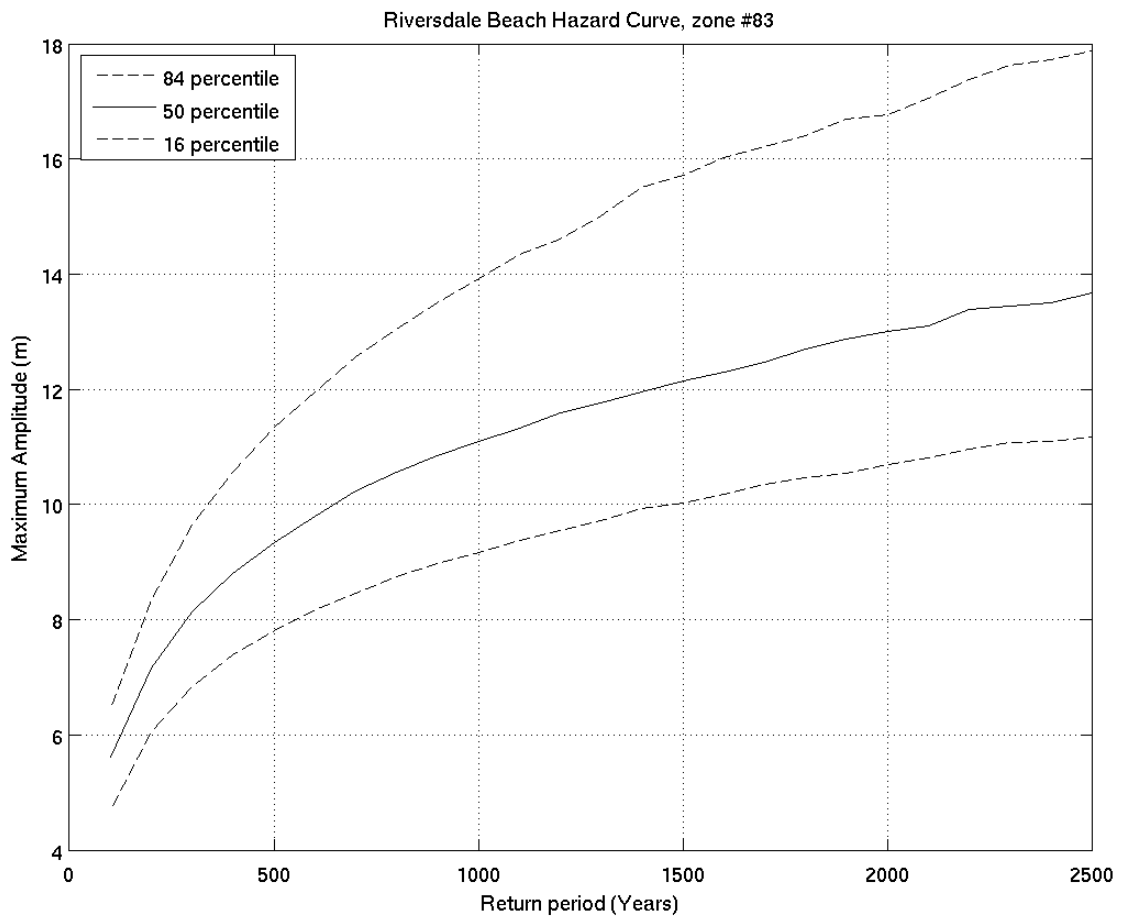
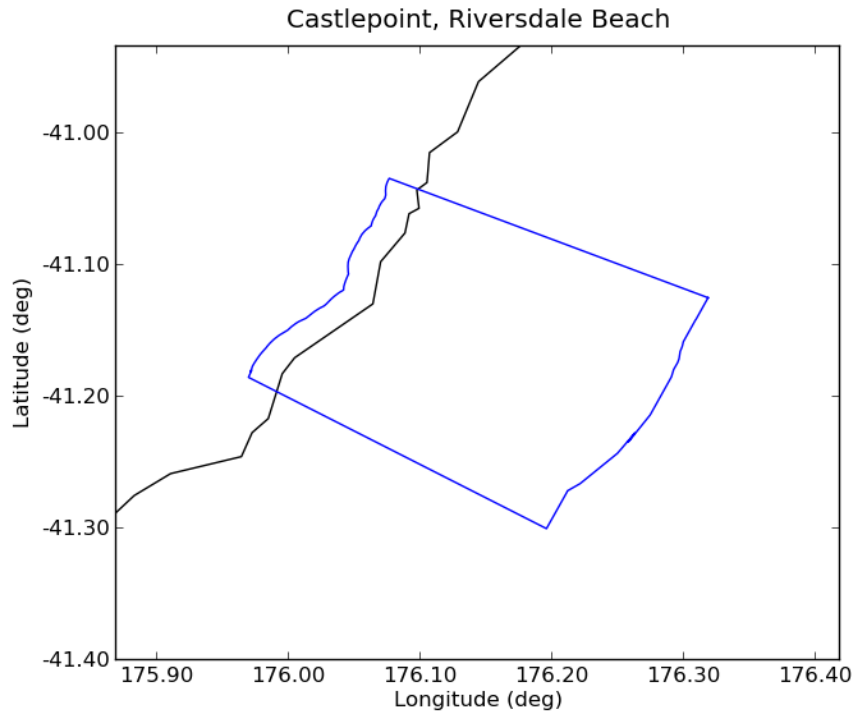
Deaggregation of Zone:82, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6017 m



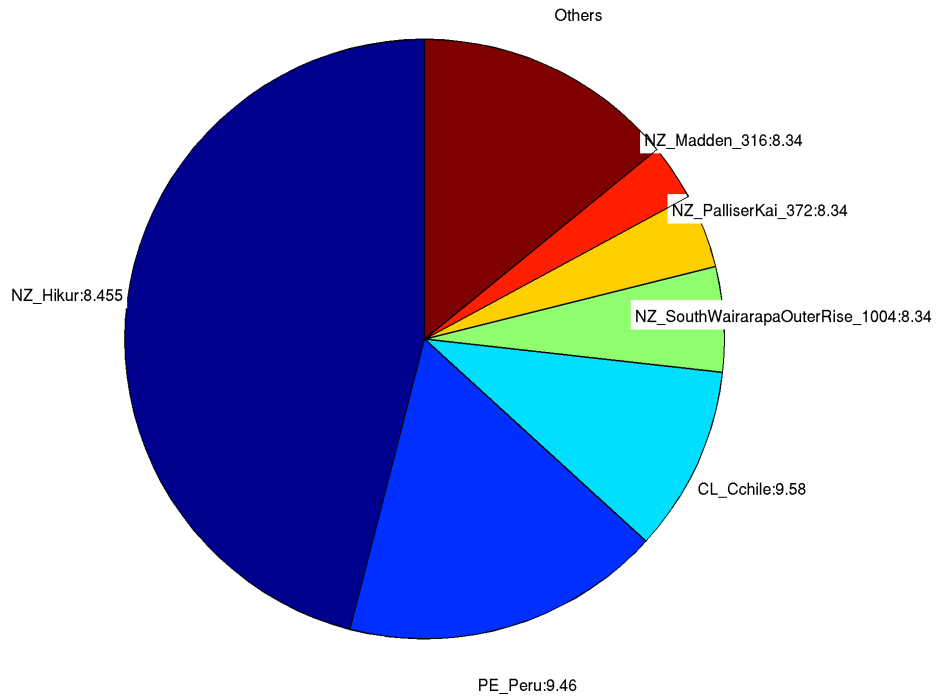
Deaggregation of Zone:82, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.6696 m



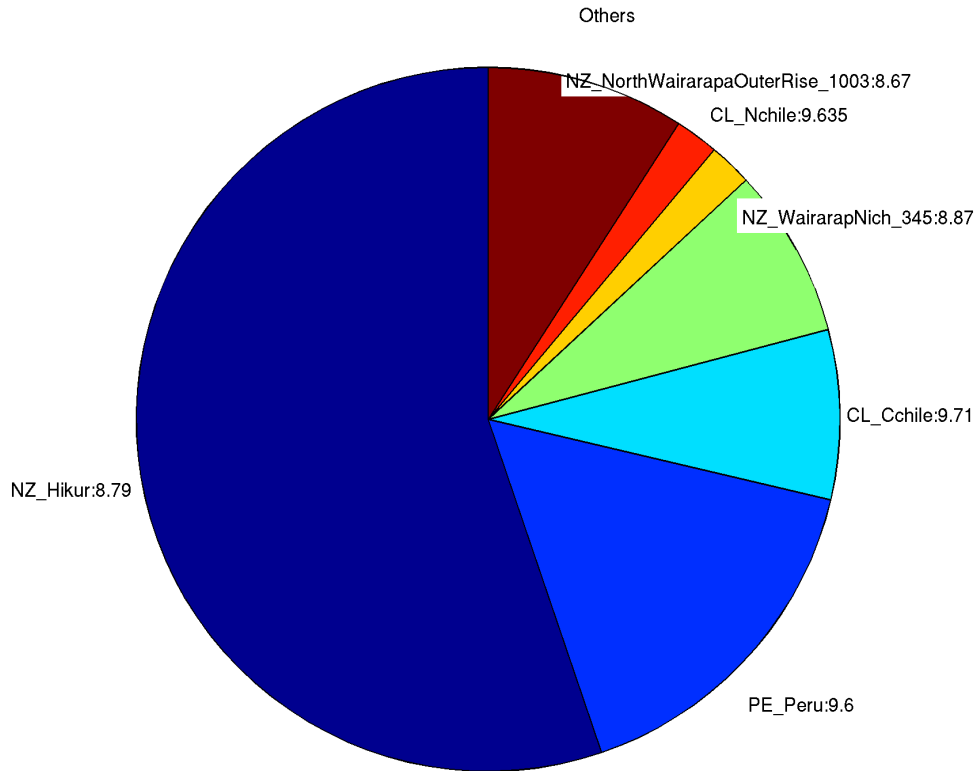
### 83. Riversdale Beach



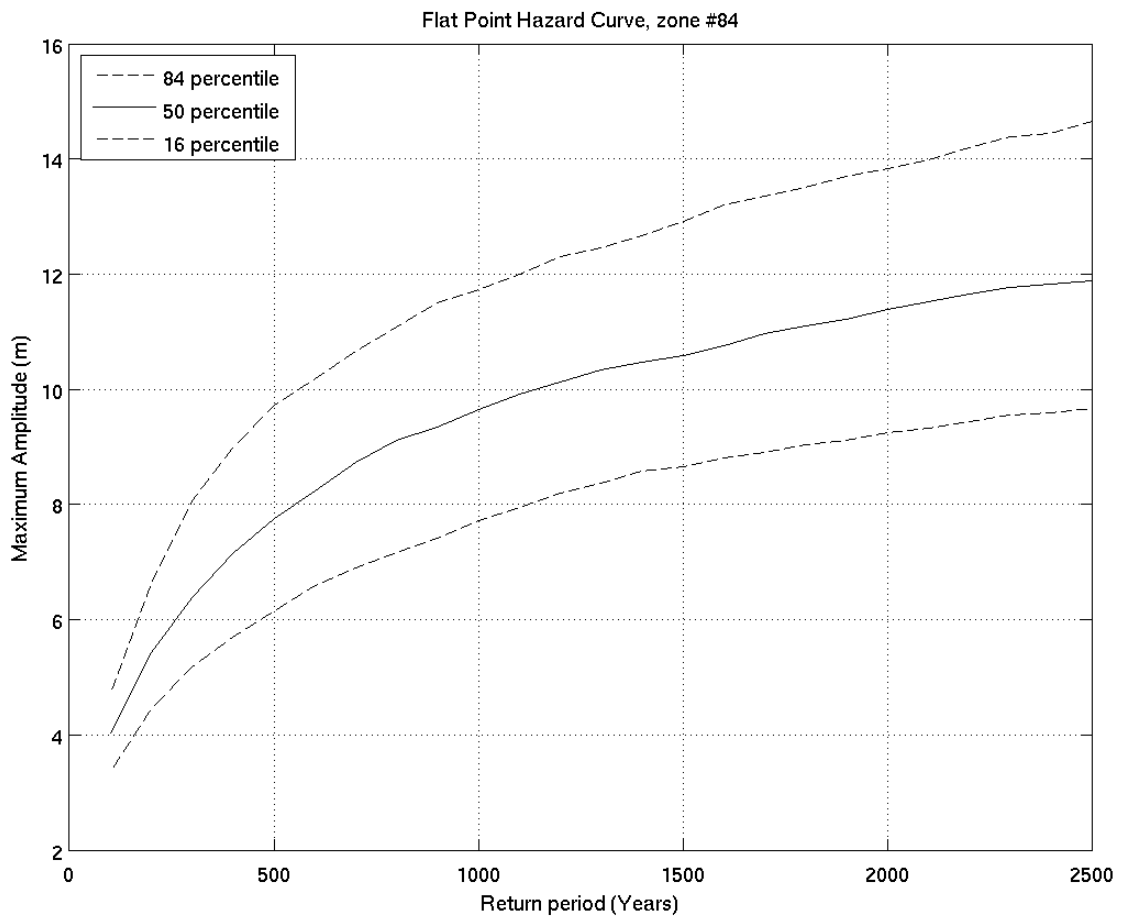
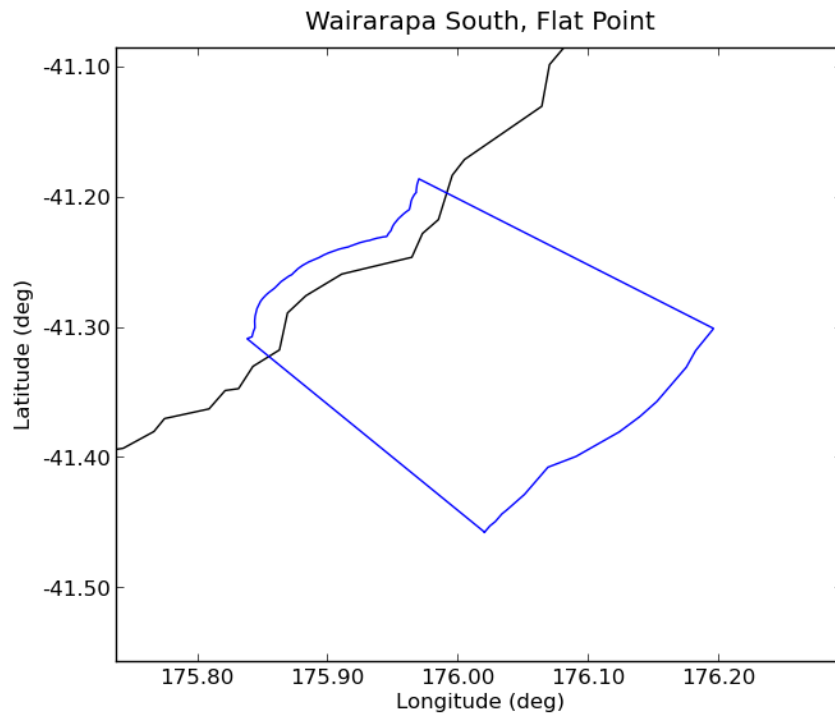
Deaggregation of Zone:83, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.3299 m



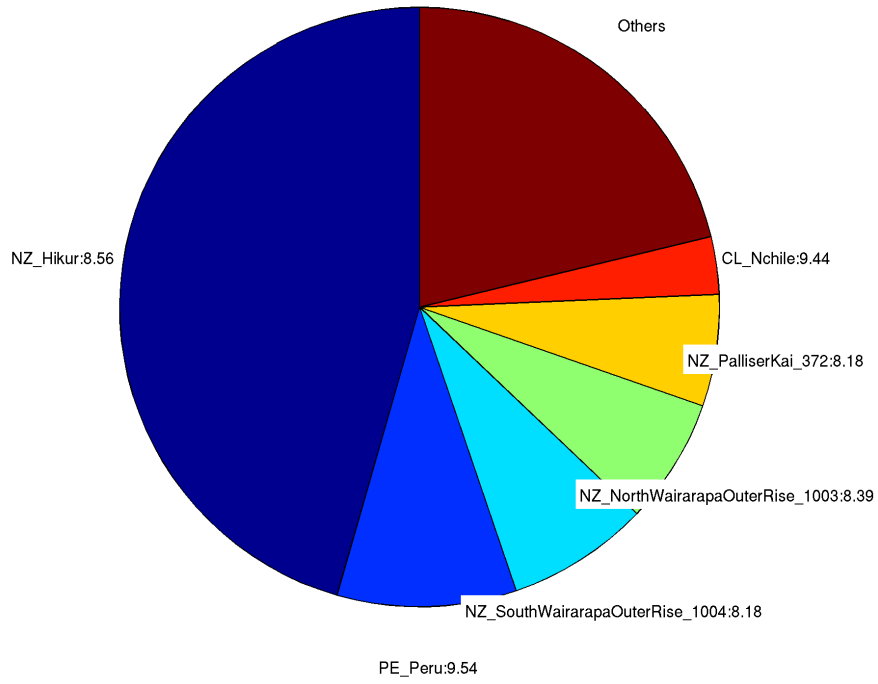
Deaggregation of Zone:83, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.6815 m



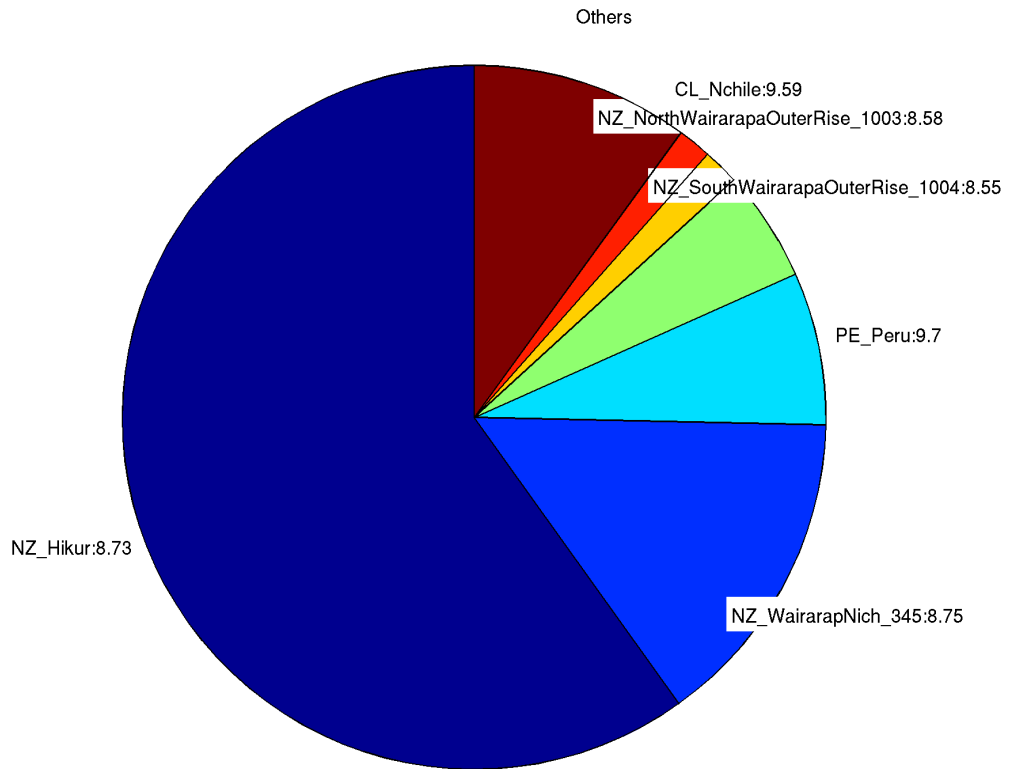
## 84. Flat Point



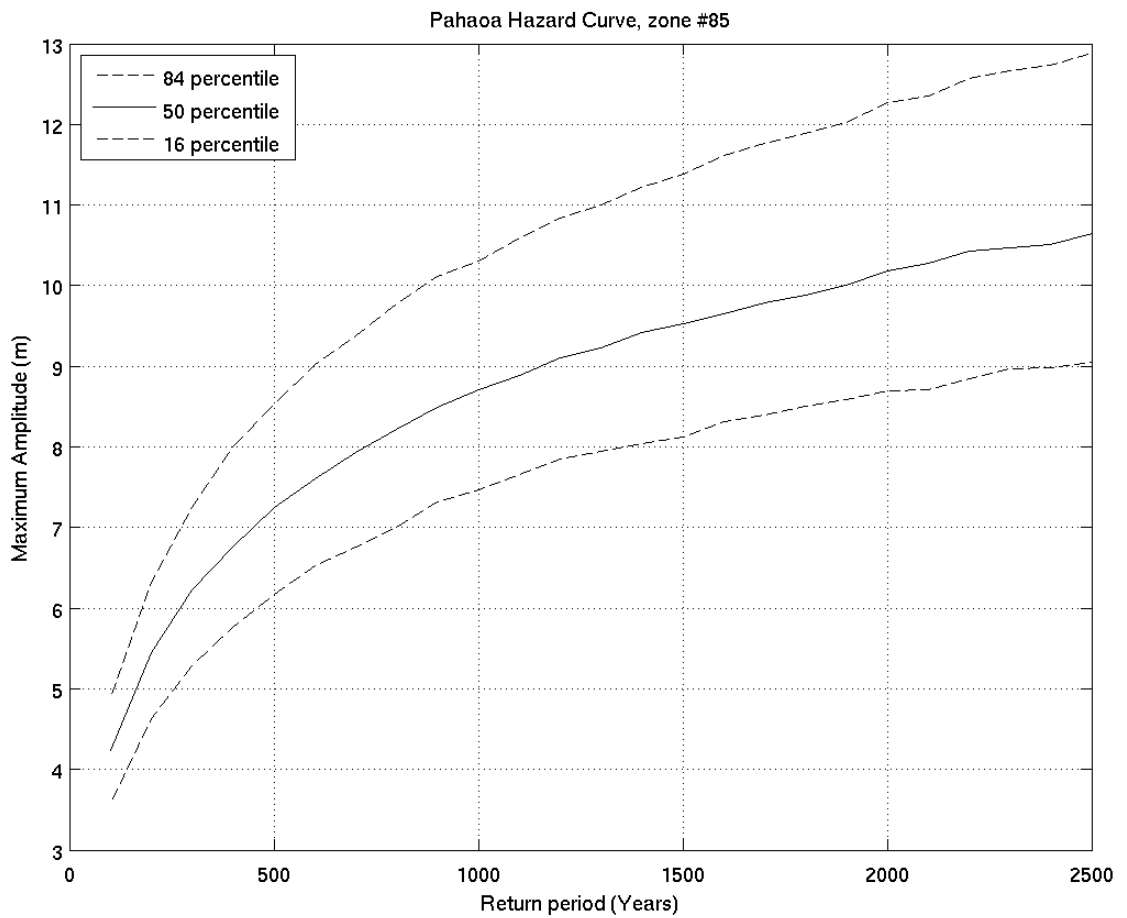
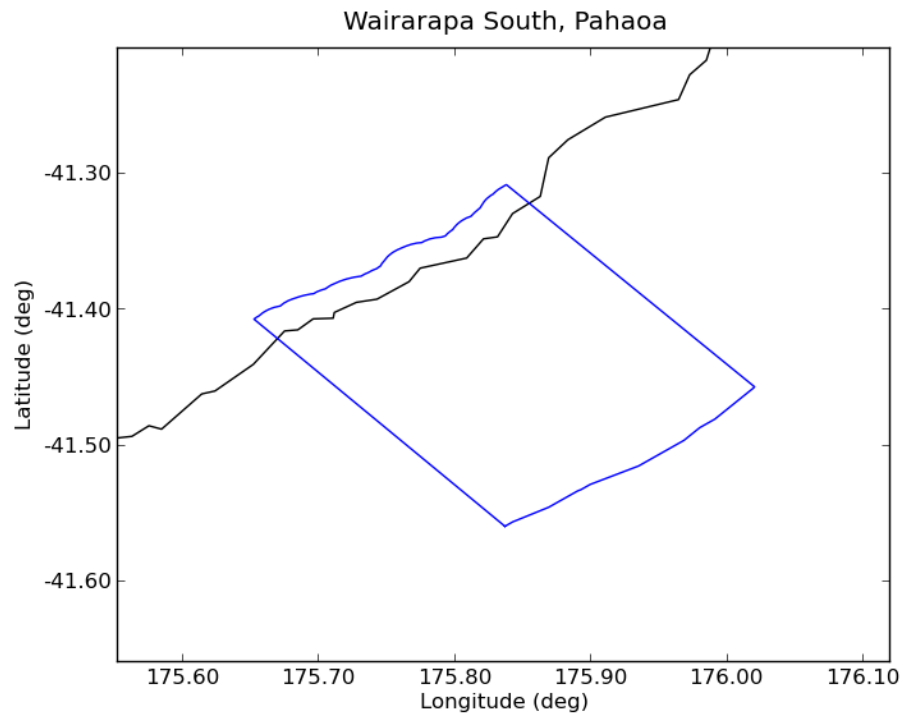
Deaggregation of Zone:84, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7543 m



Deaggregation of Zone:84, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.8724 m

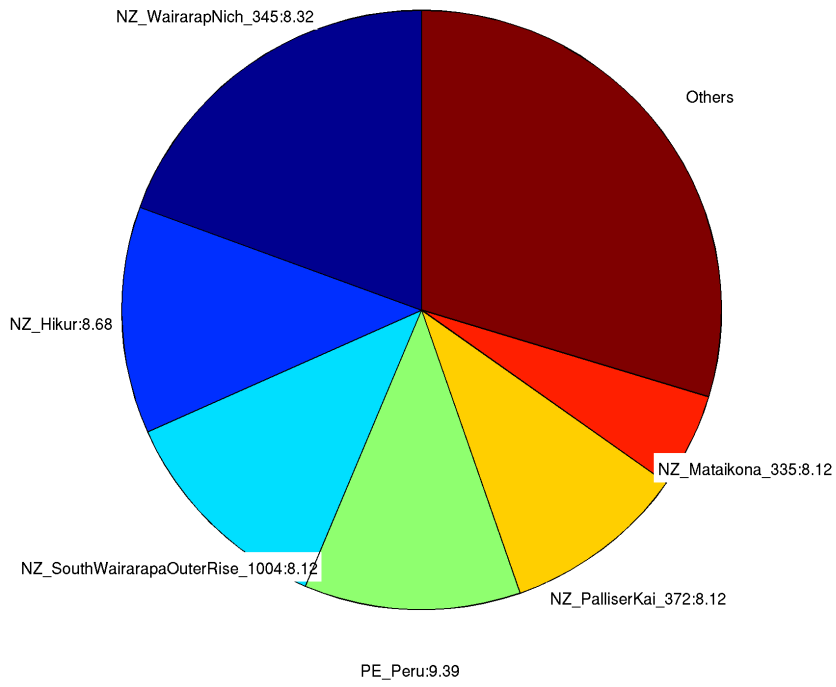


# 85. Pahaoa

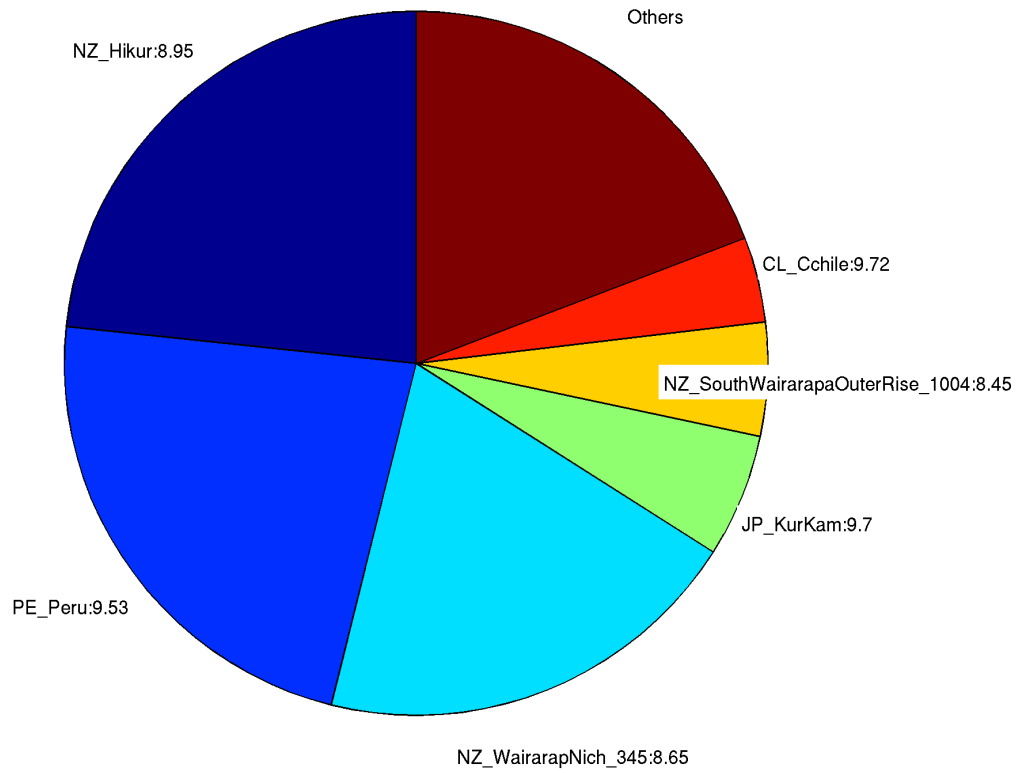




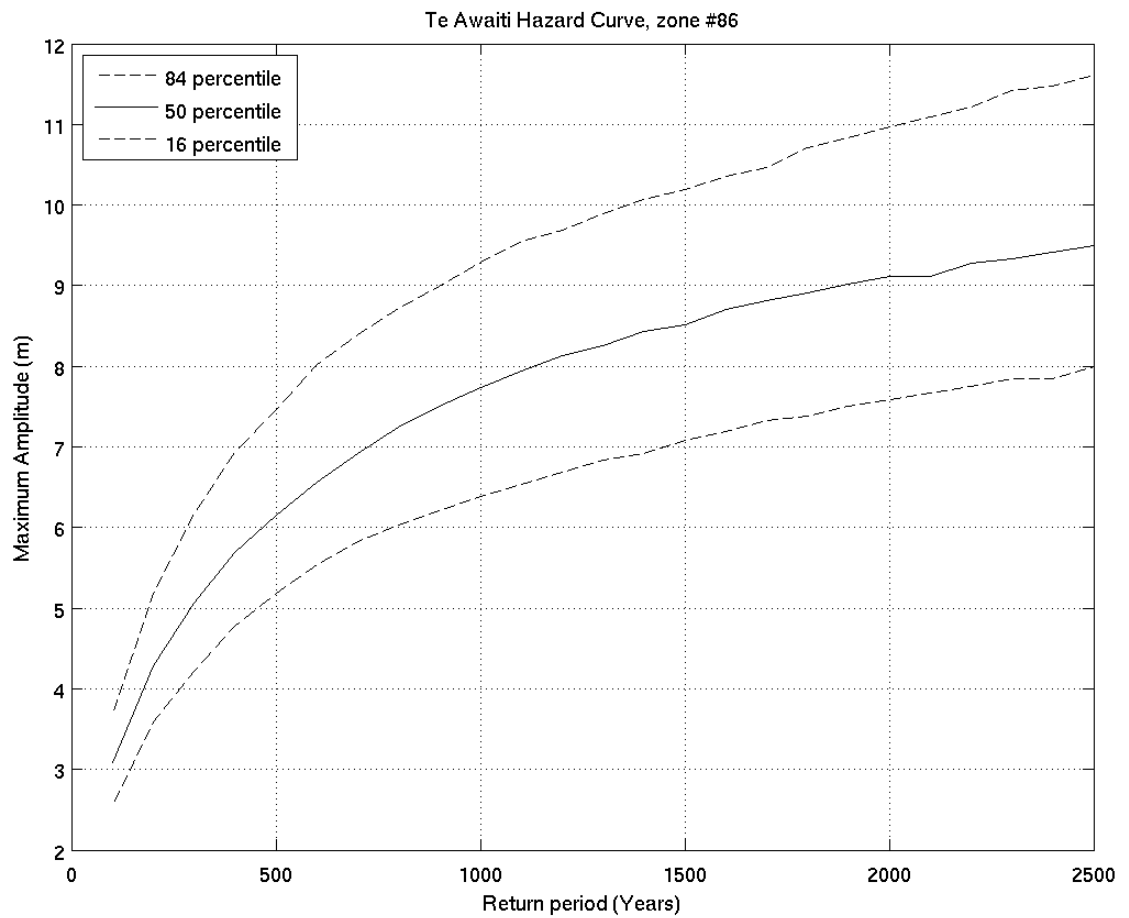
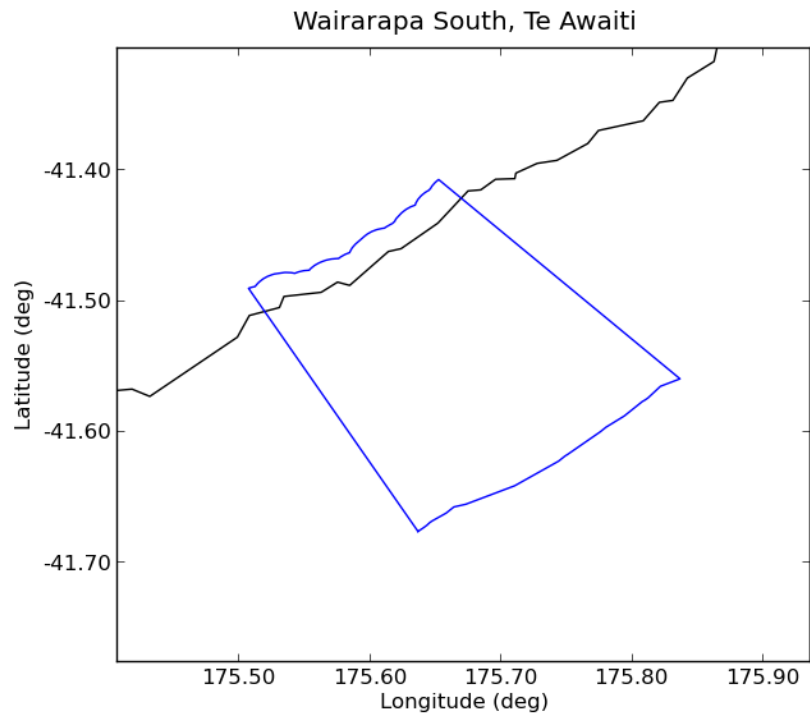
Deaggregation of Zone:85, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2444 m



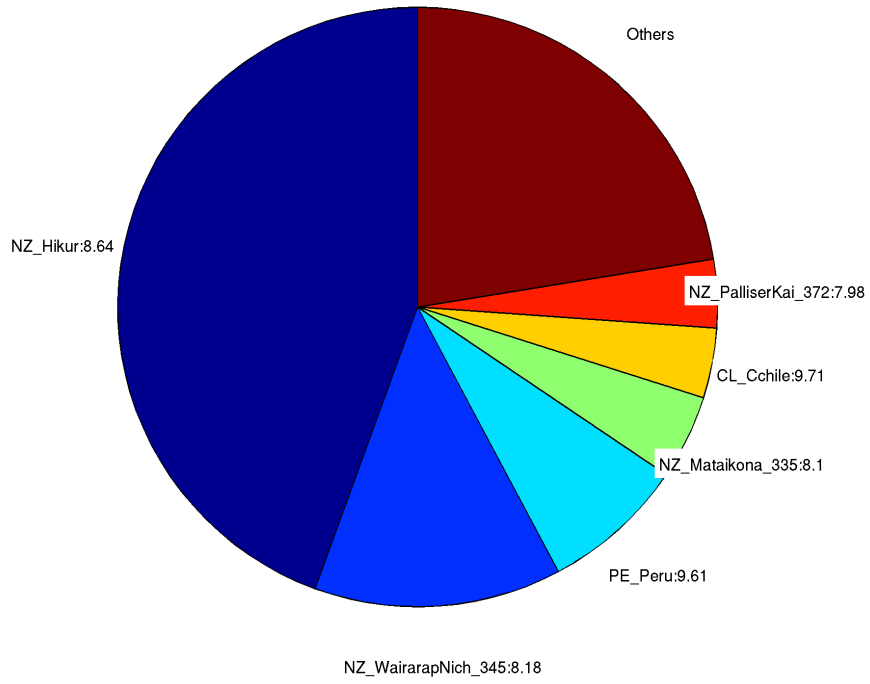
Deaggregation of Zone:85, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.6331 m



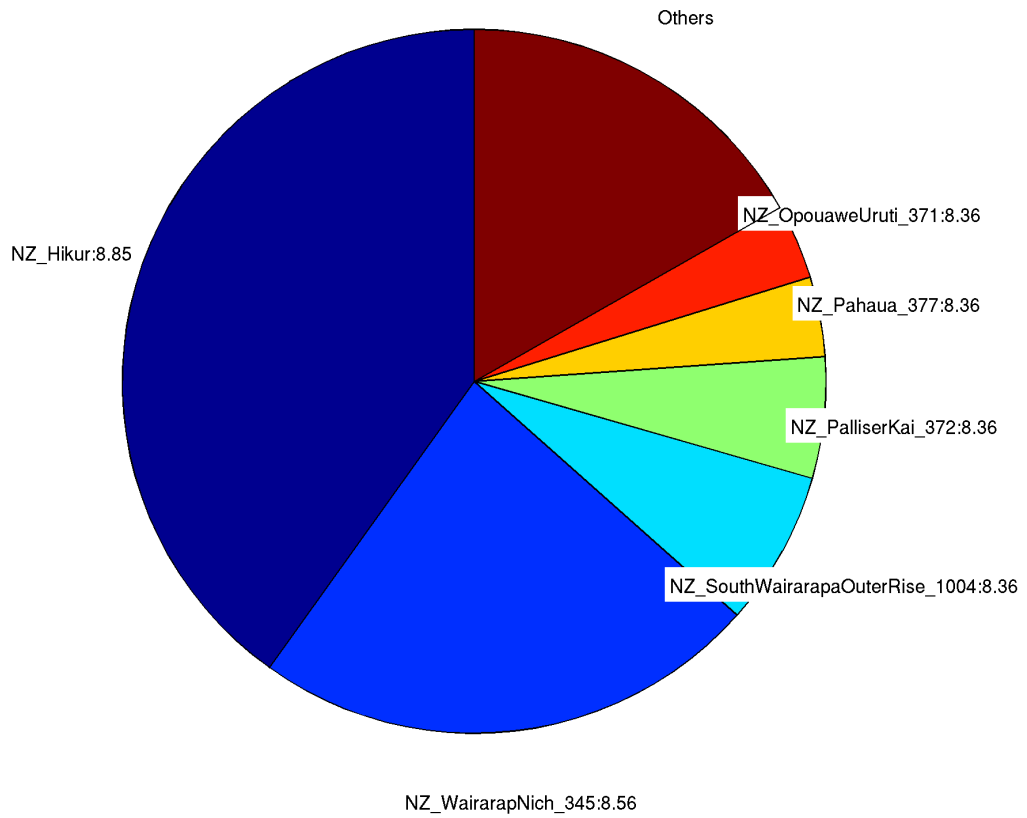
## 86. Te Awaiti



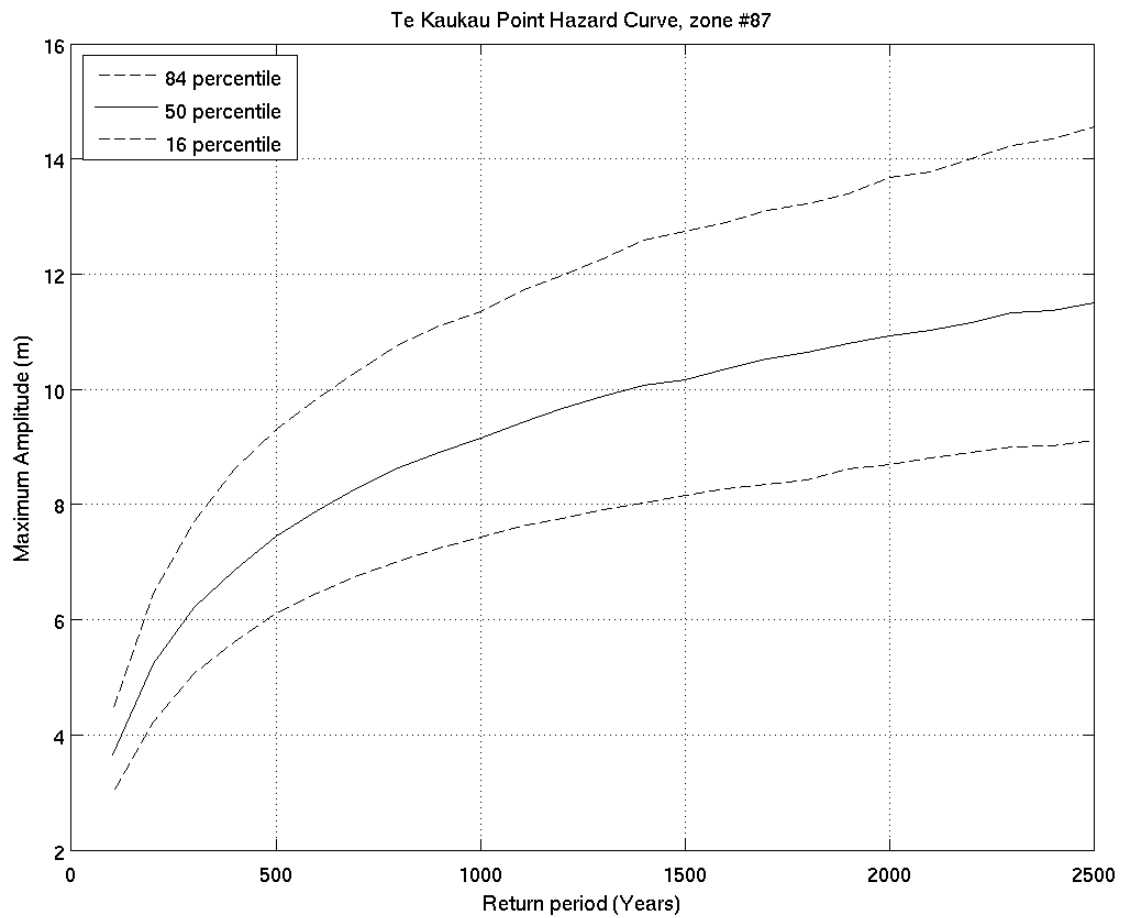
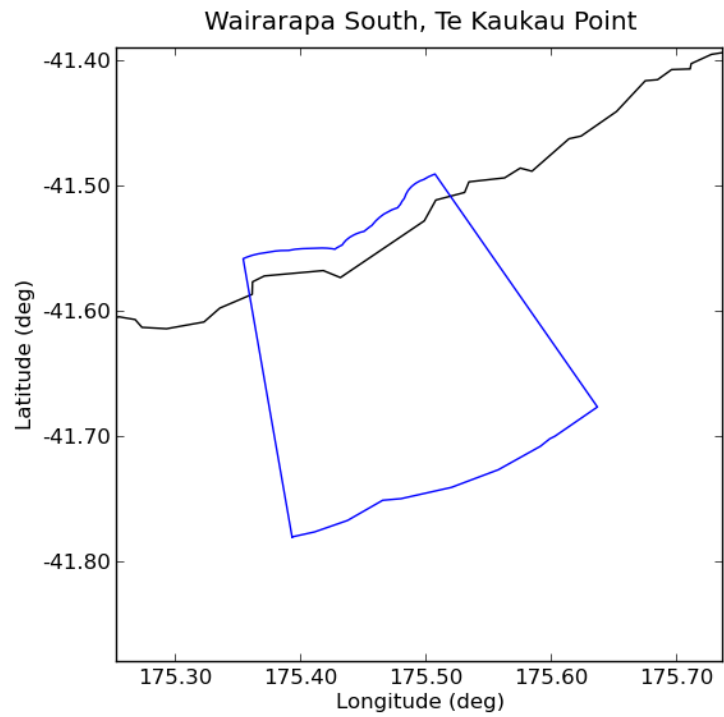
Deaggregation of Zone:86, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.1438 m



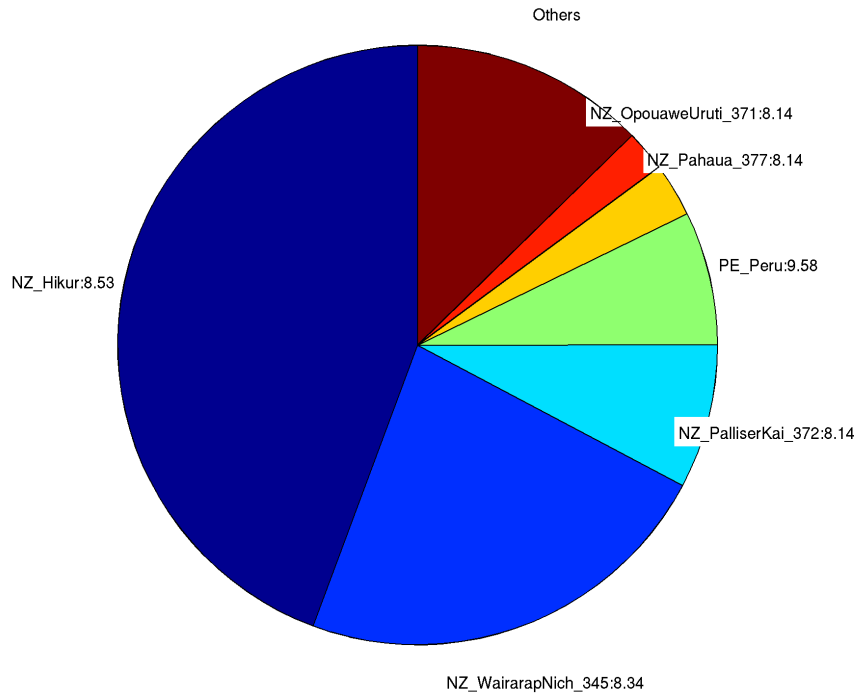
Deaggregation of Zone:86, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.4983 m



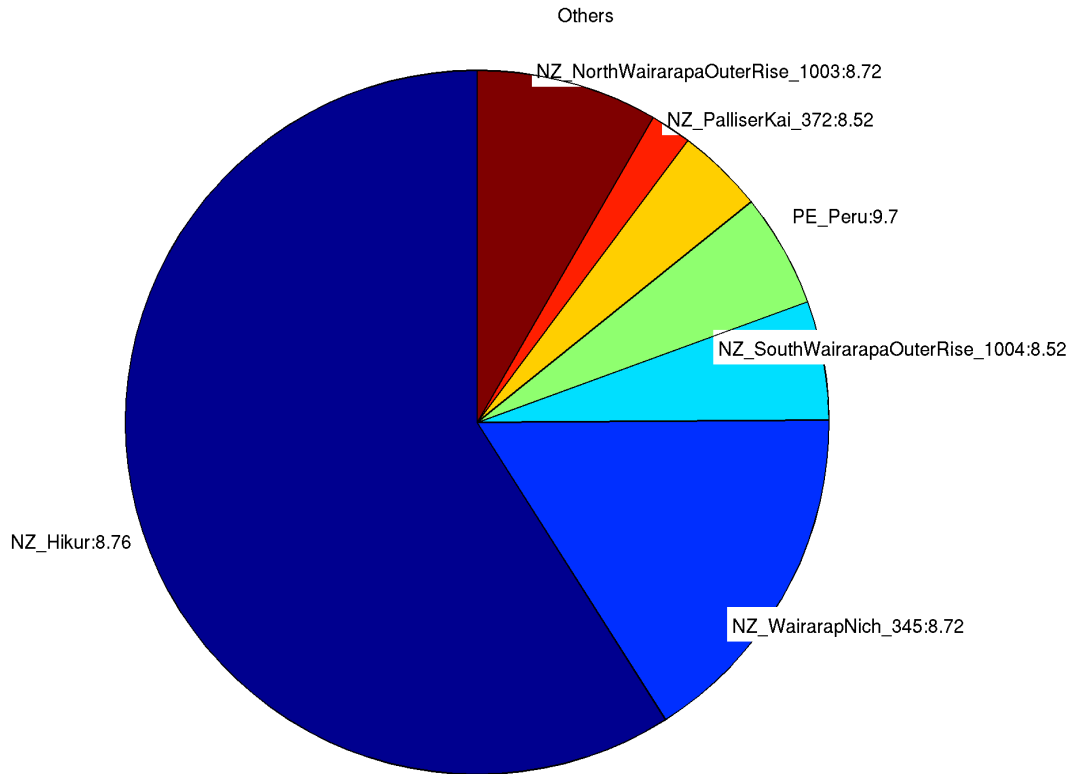
## 87. Te Kaukau Point



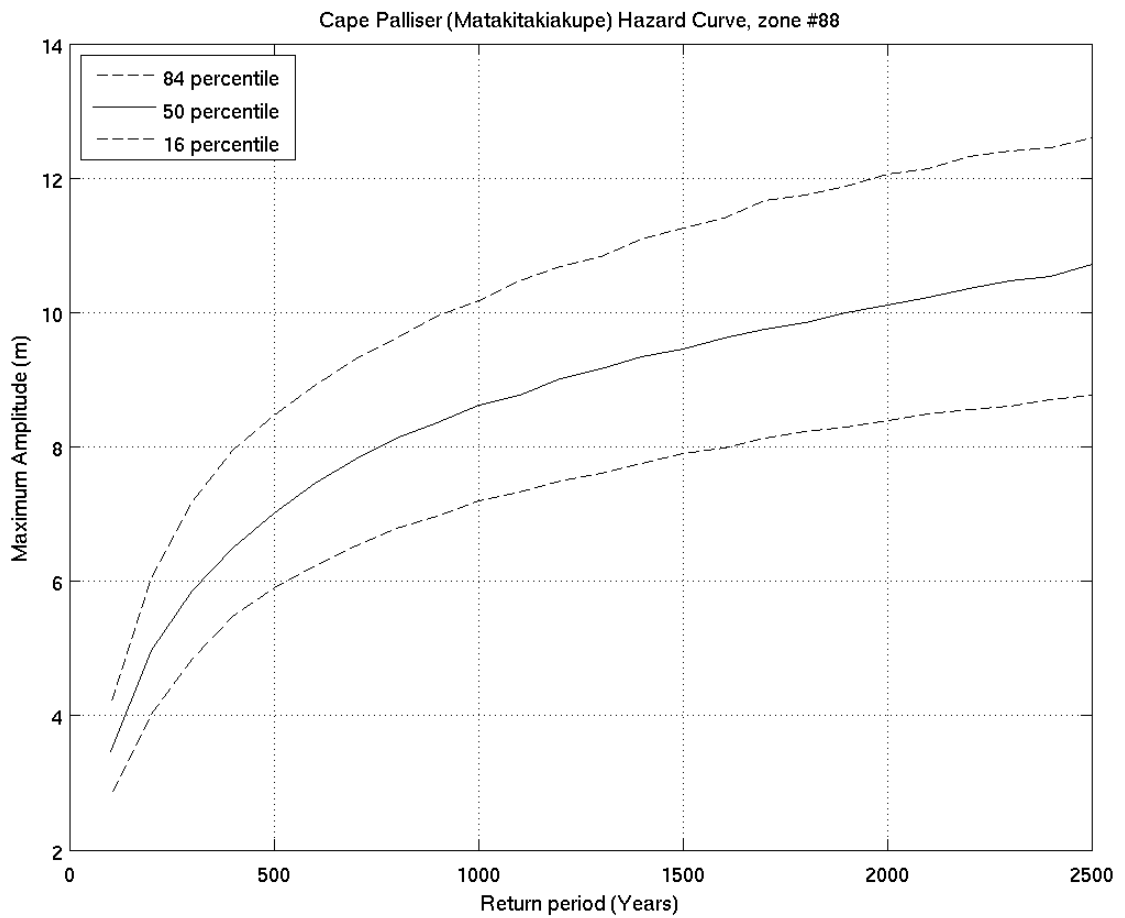
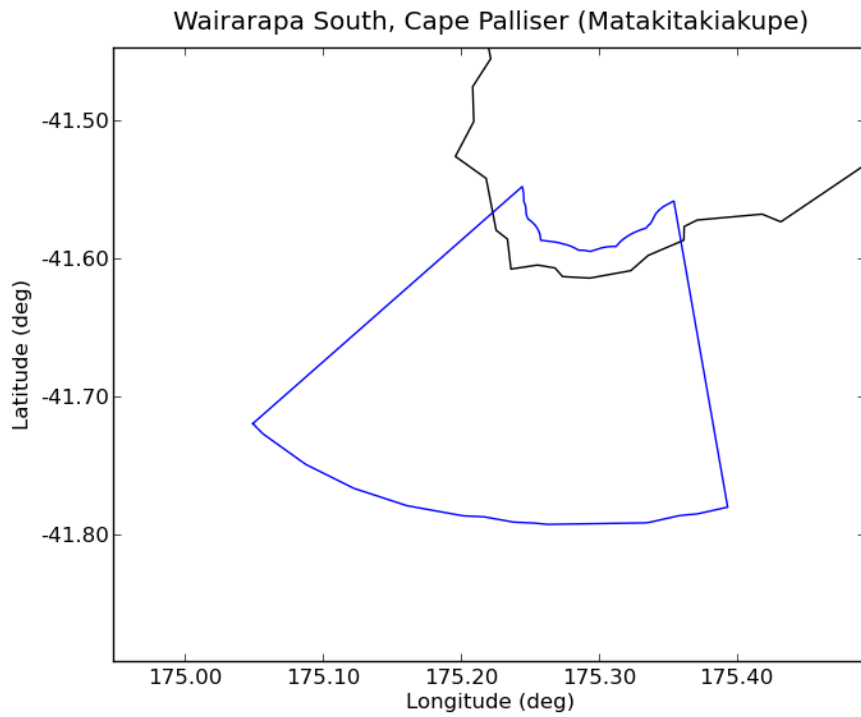
Deaggregation of Zone:87, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4216 m



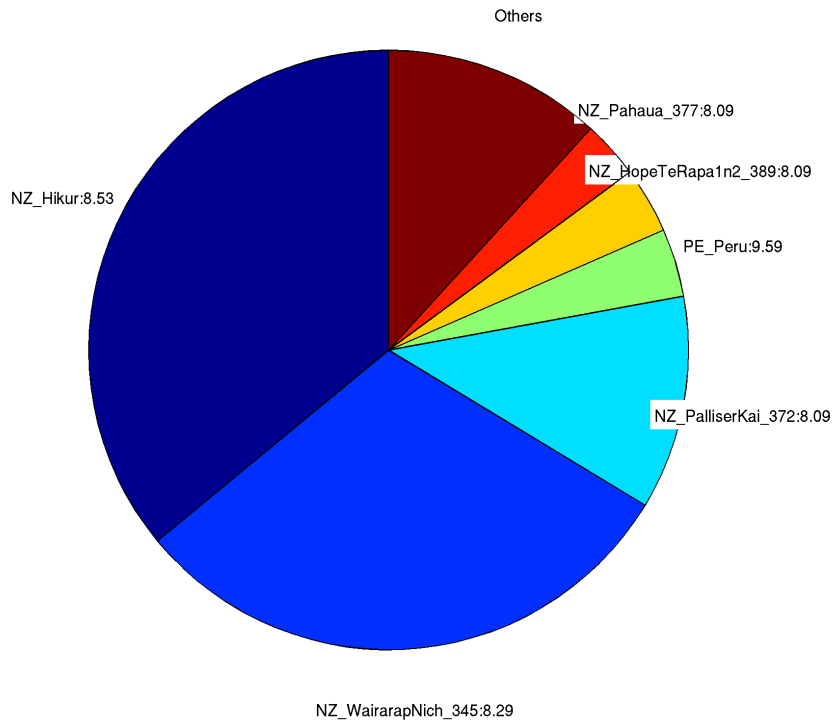
Deaggregation of Zone:87, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.4815 m



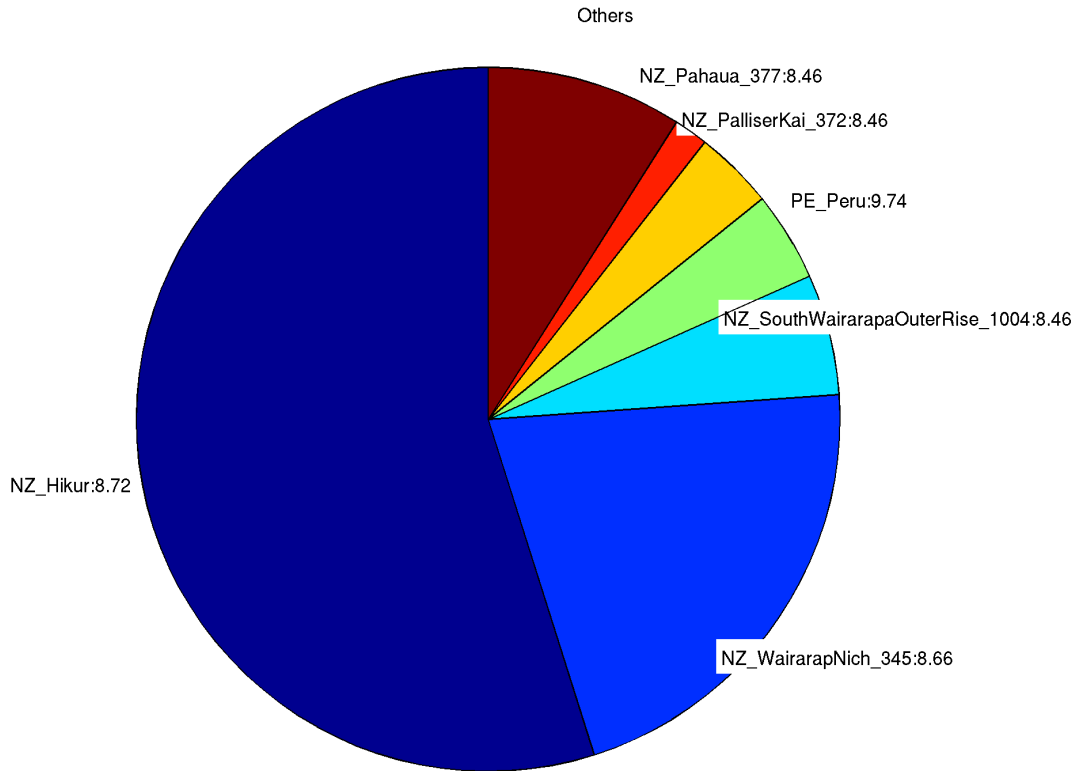
### 88. Cape Palliser (Matakitakiakupe)



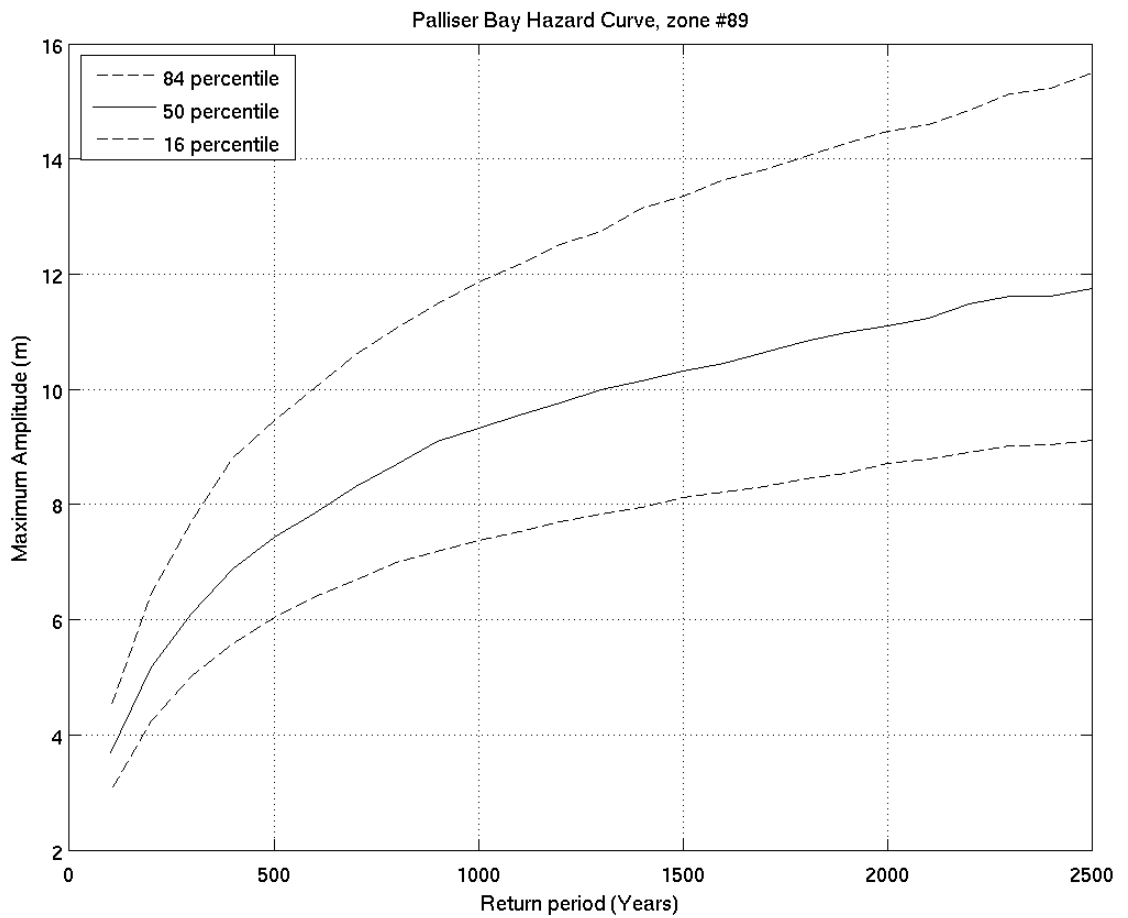
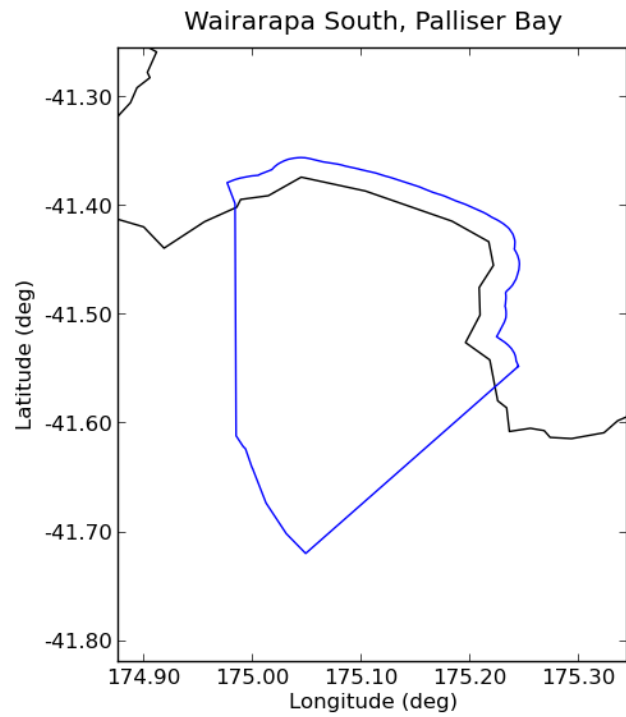
Deaggregation of Zone:88, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9984 m



Deaggregation of Zone:88, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.7152 m

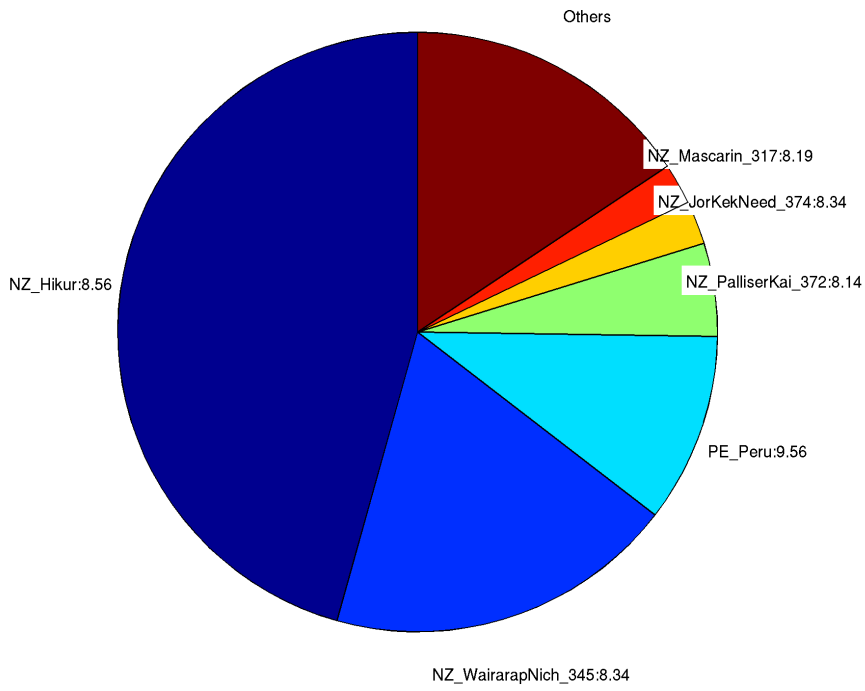


### 89. Palliser Bay

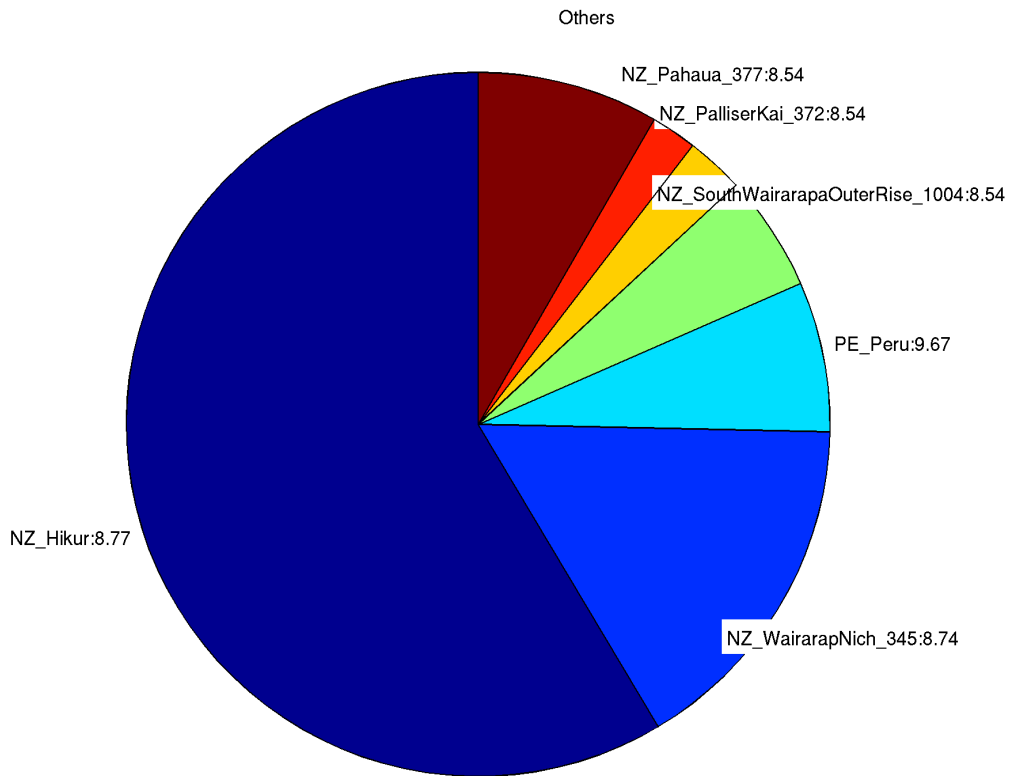




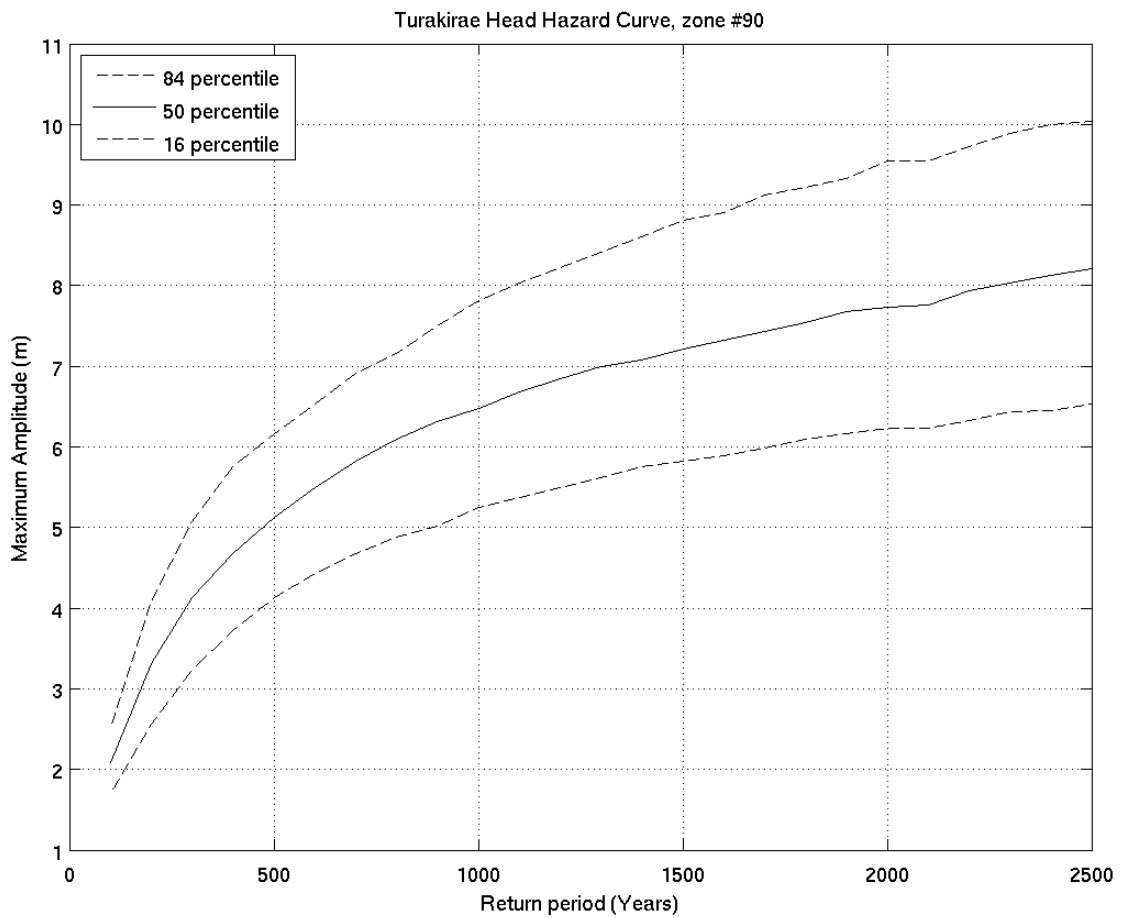
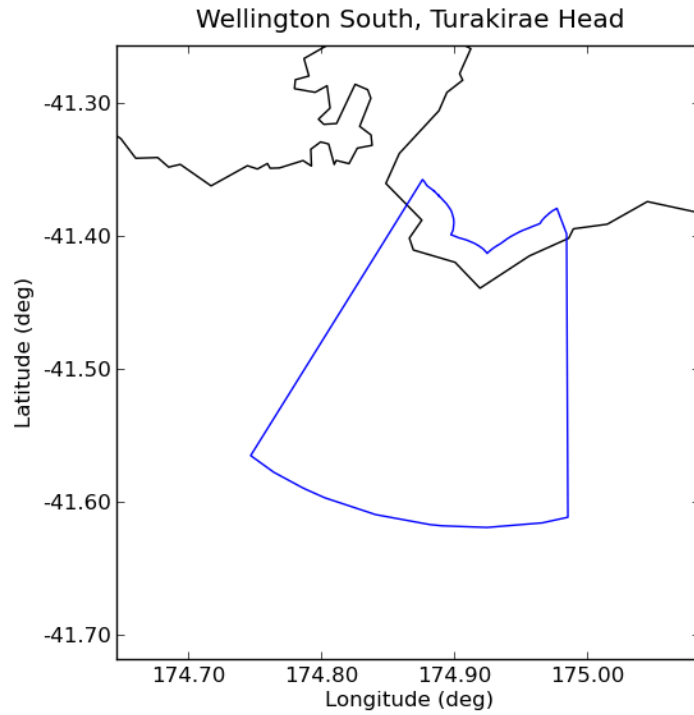
Deaggregation of Zone:89, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4284 m



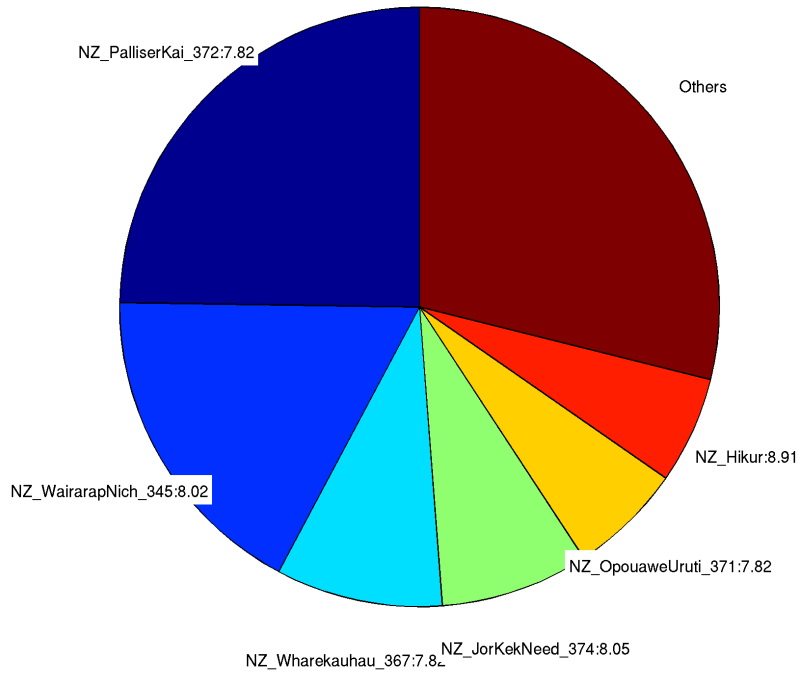
Deaggregation of Zone:89, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.7373 m



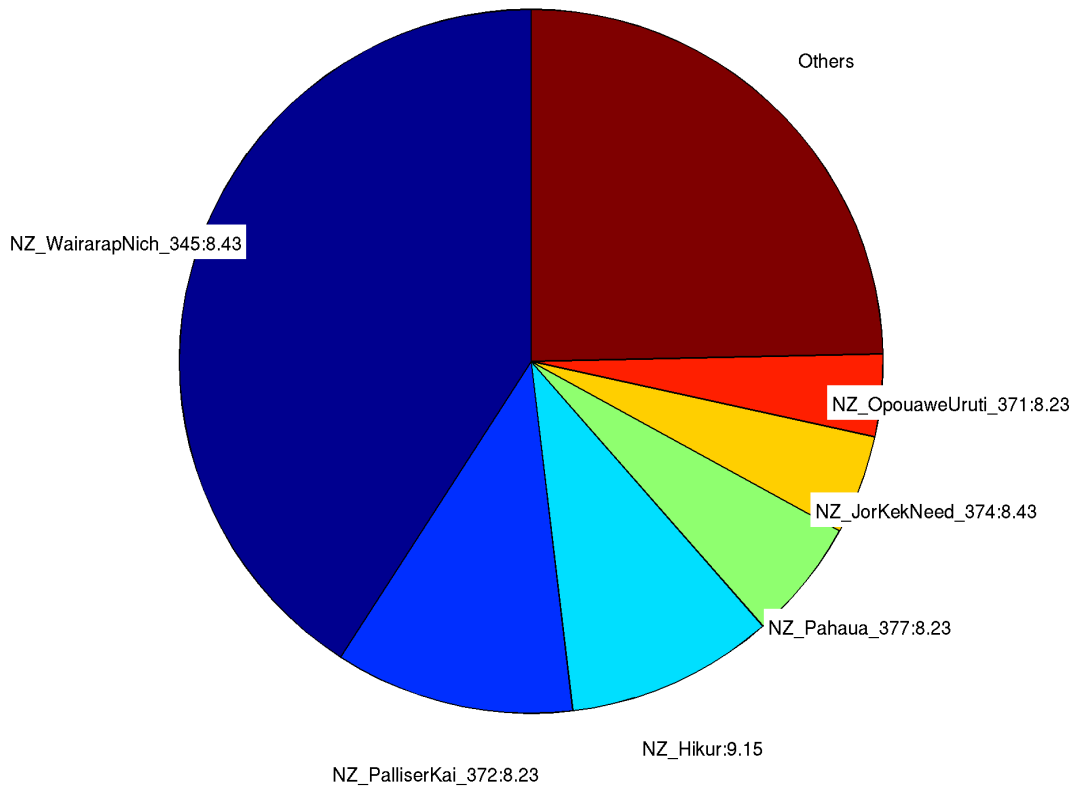
## 90. Turakirae Head



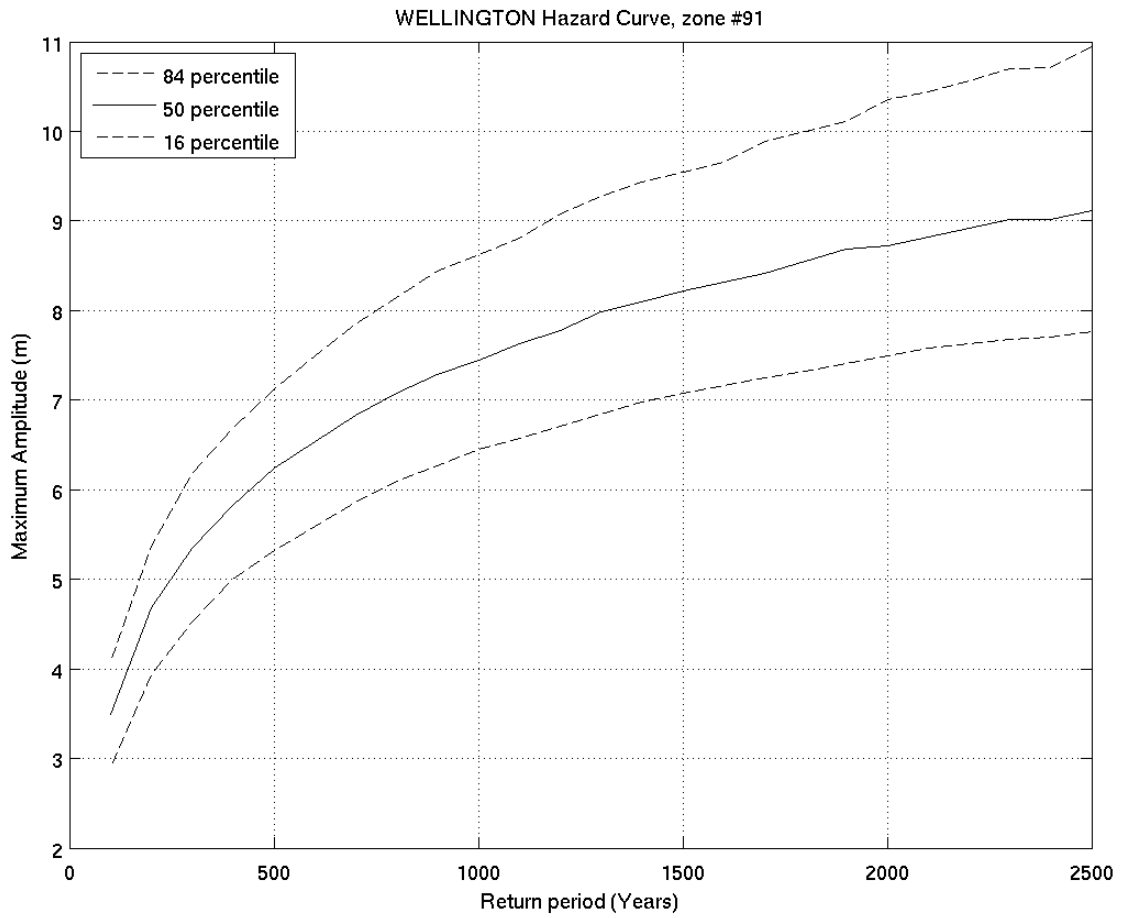
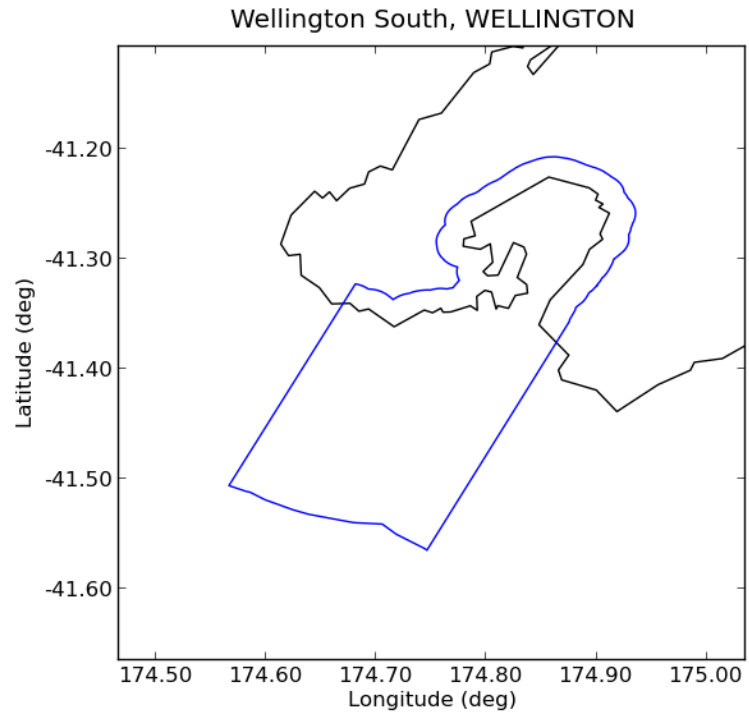
Deaggregation of Zone:90, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1286 m



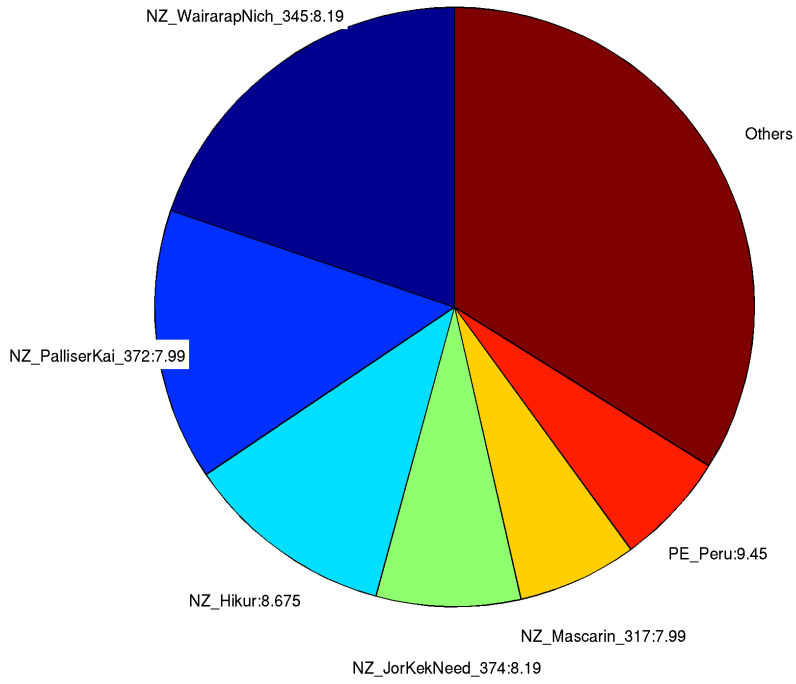
Deaggregation of Zone:90, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.1913 m



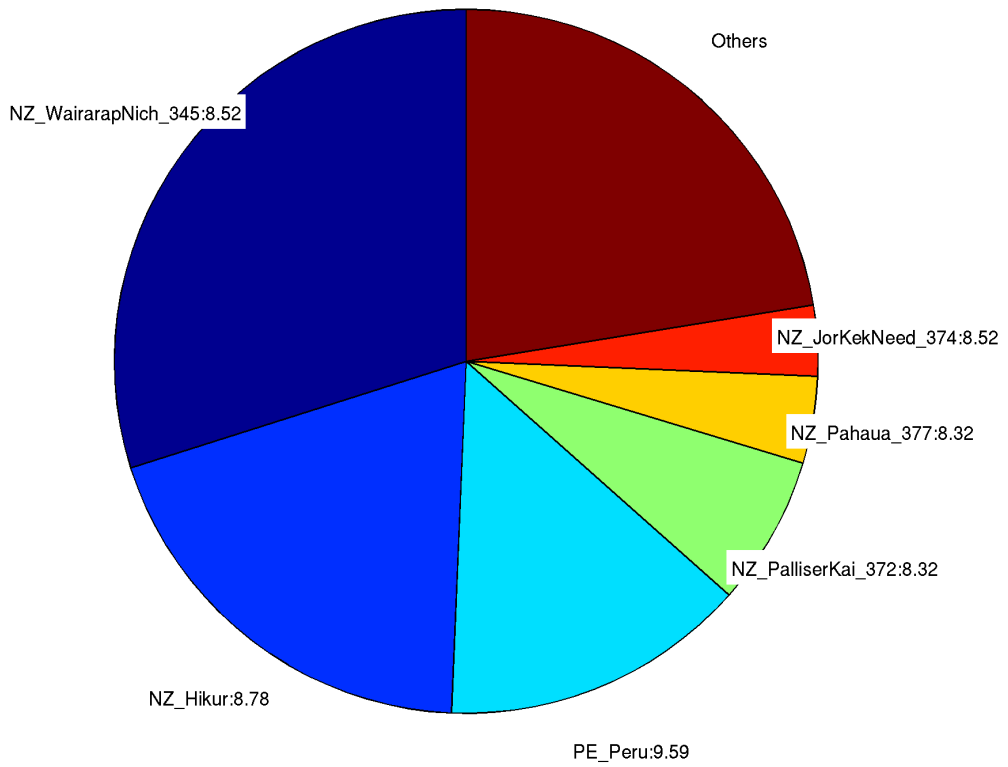
91. WELLINGTON



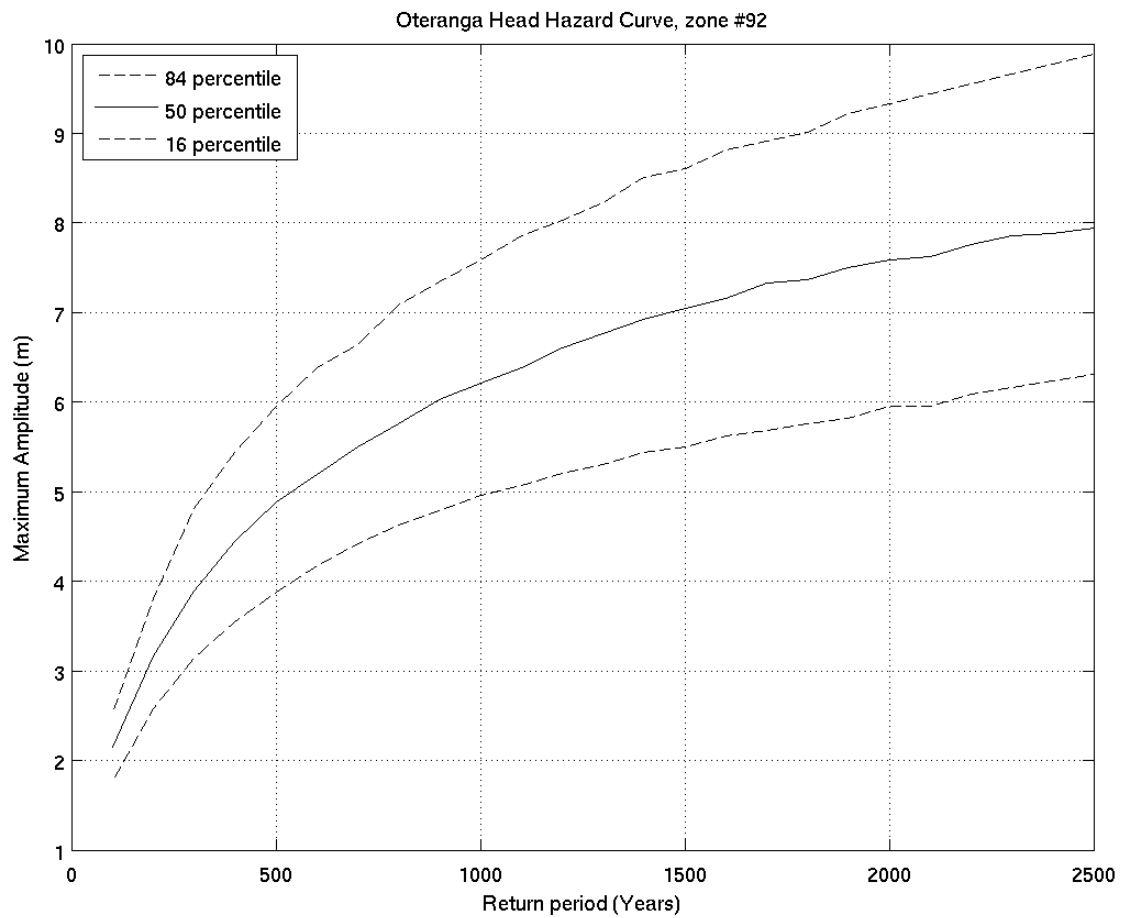
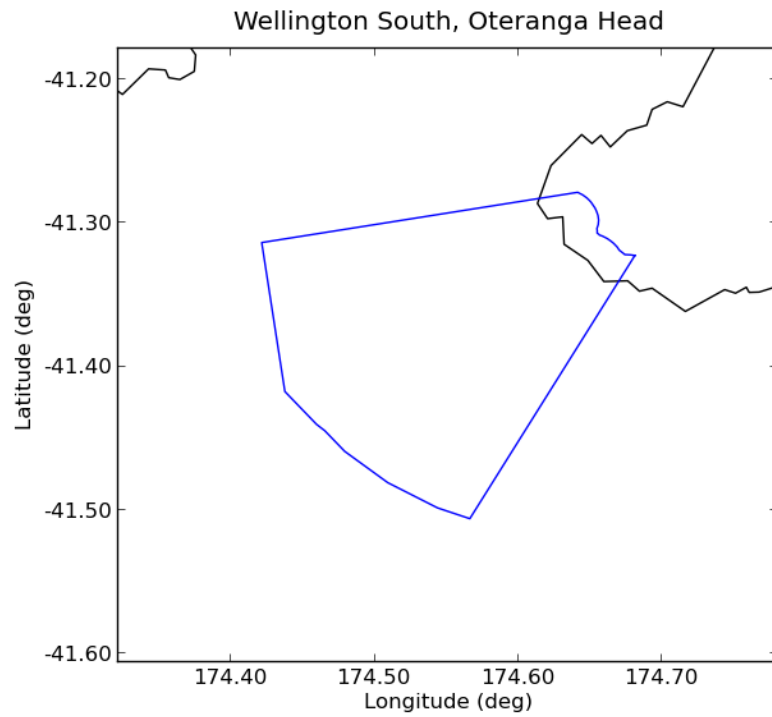
Deaggregation of Zone:91, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2373 m



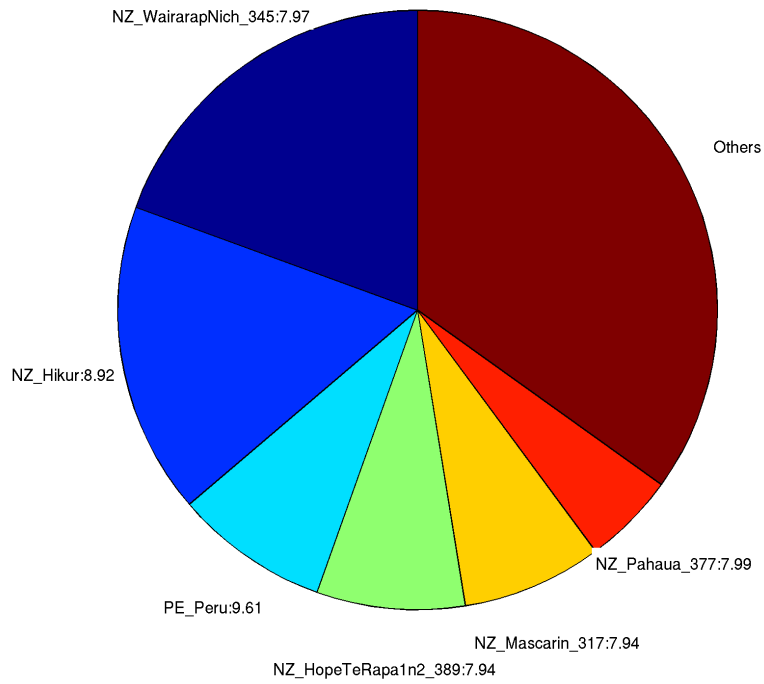
Deaggregation of Zone:91, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.1201 m



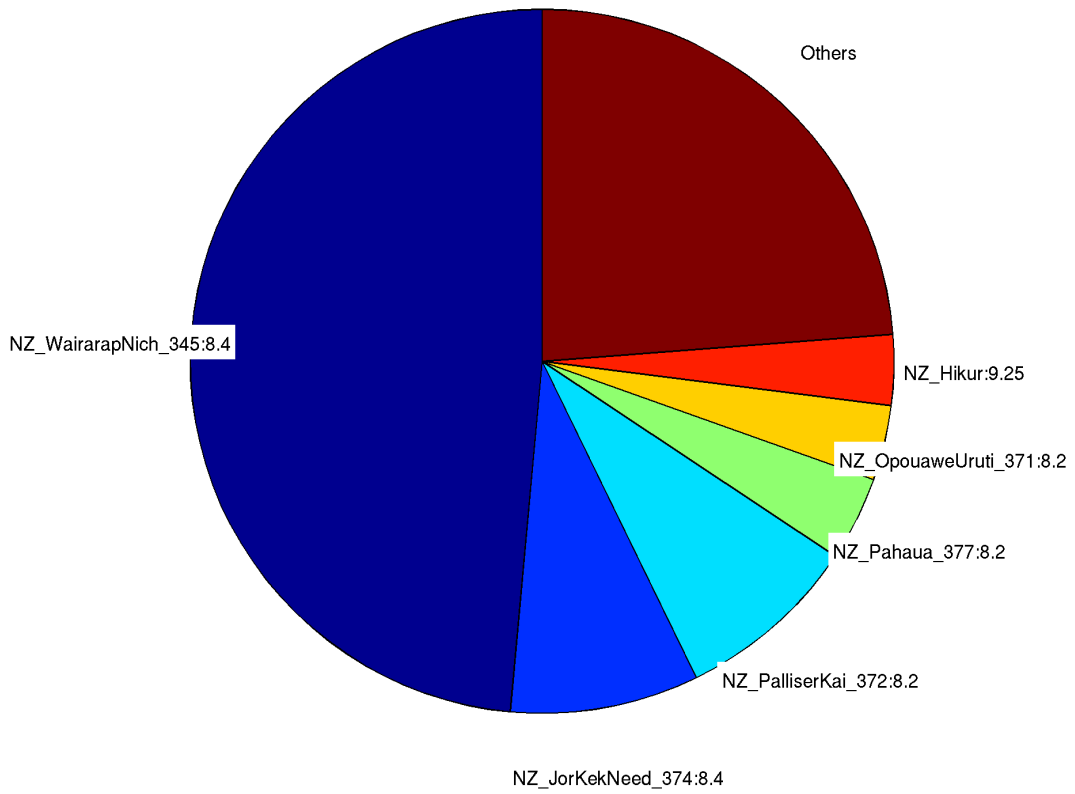
## 92. Oteranga Head



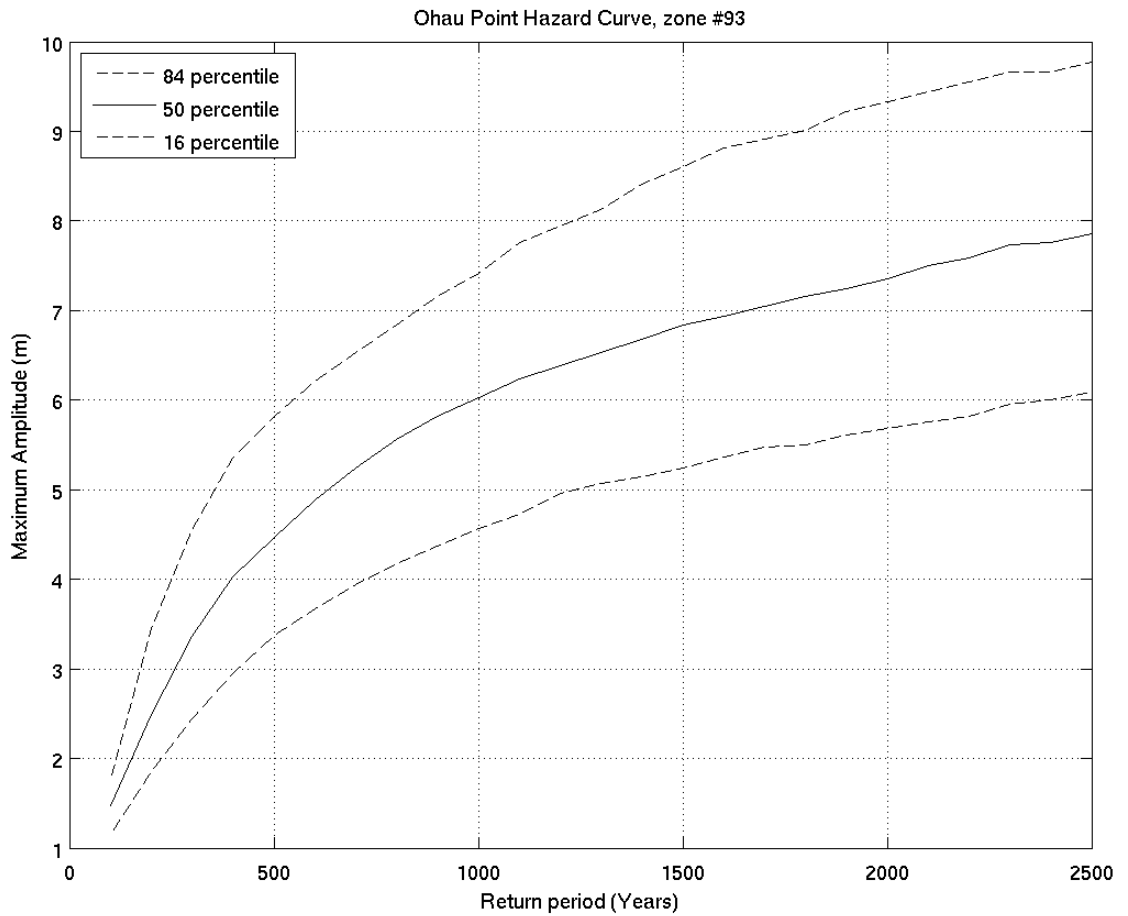
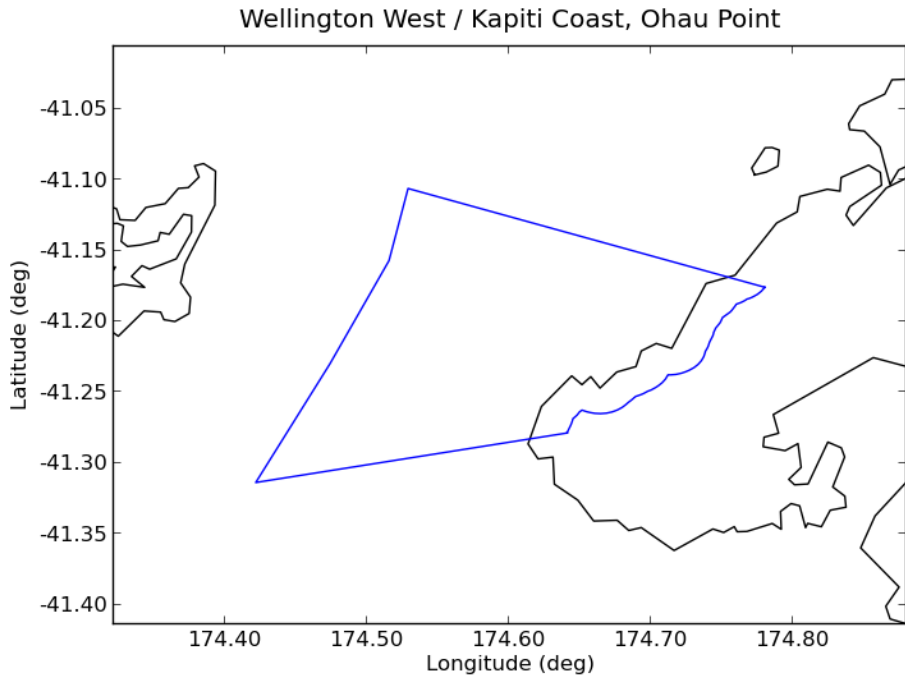
Deaggregation of Zone:92, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8695 m



Deaggregation of Zone:92, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9433 m

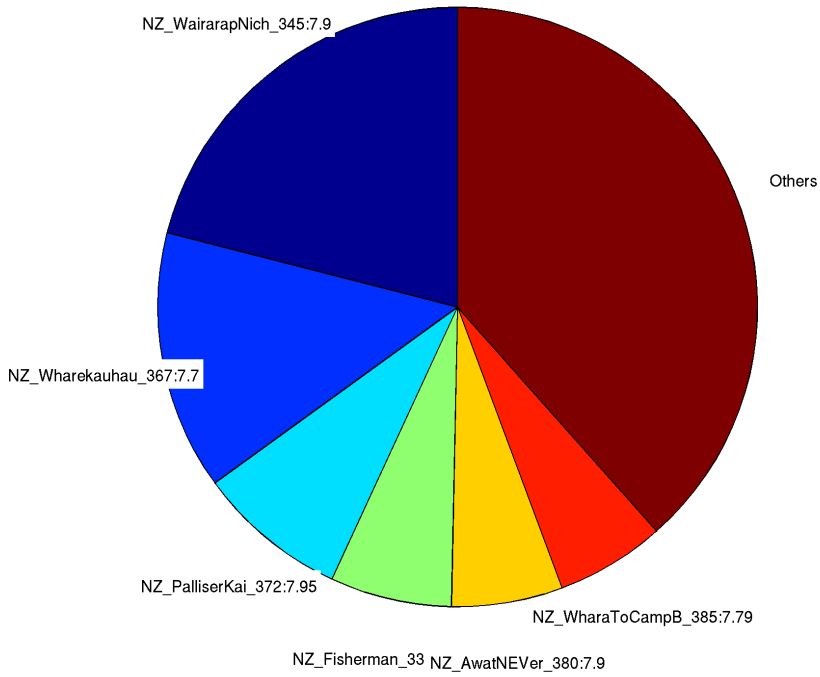


93. Ohau Point

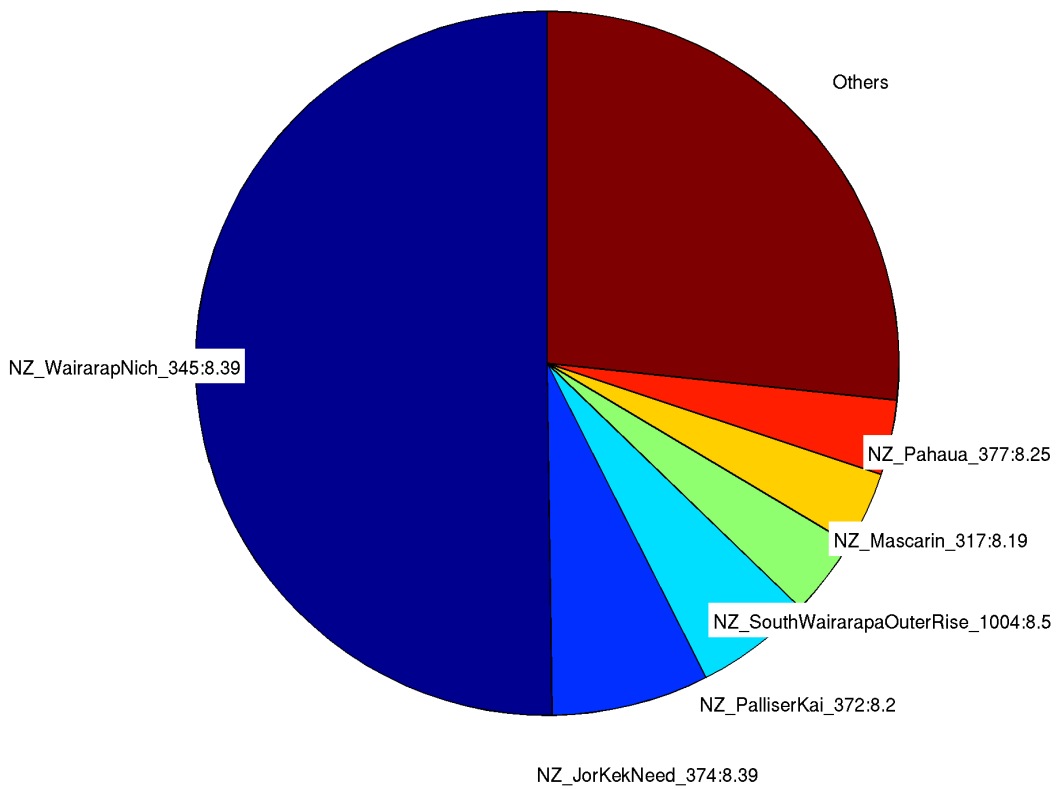




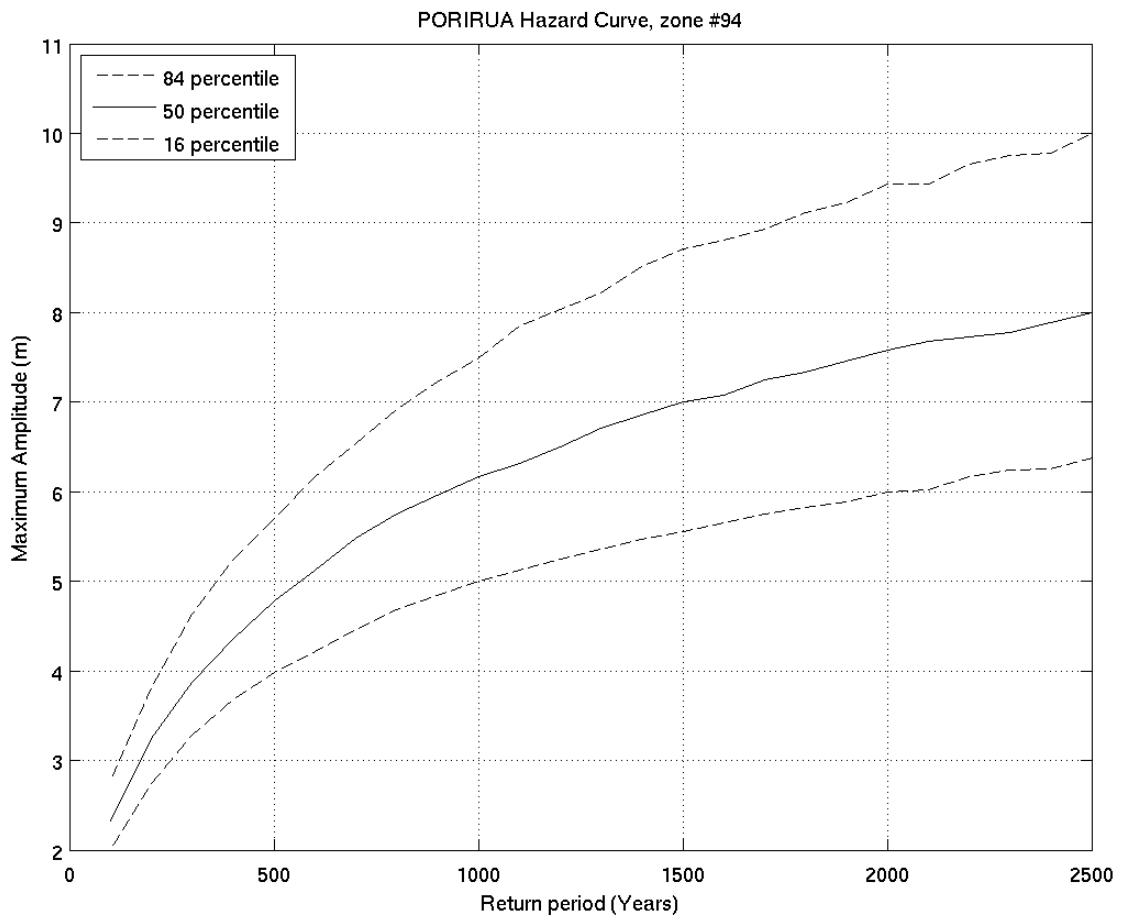
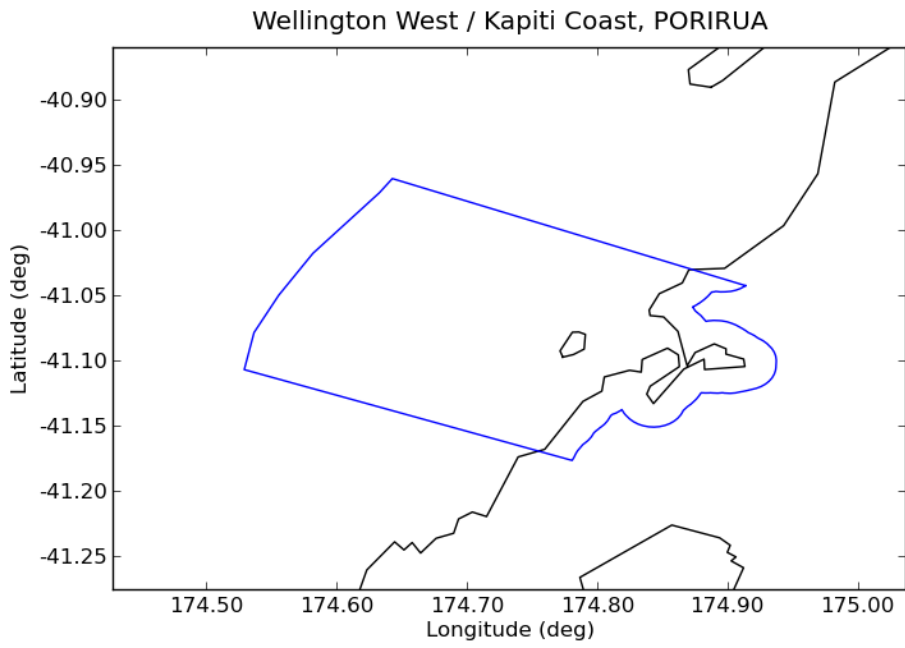
Deaggregation of Zone:93, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4668 m



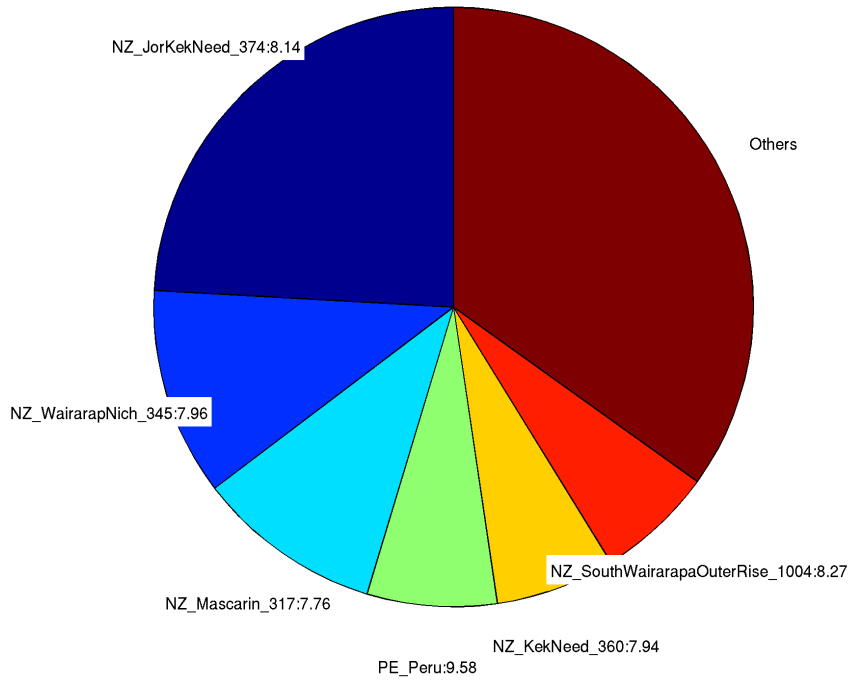
Deaggregation of Zone:93, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8503 m



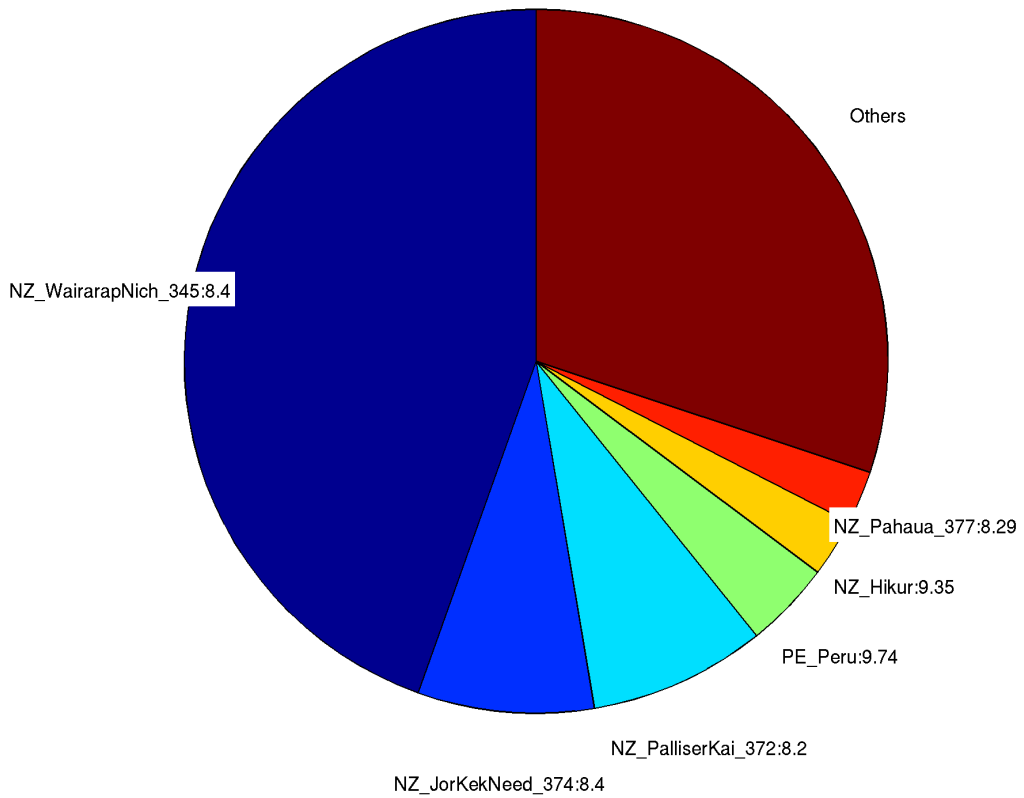
94. **PORIRUA**



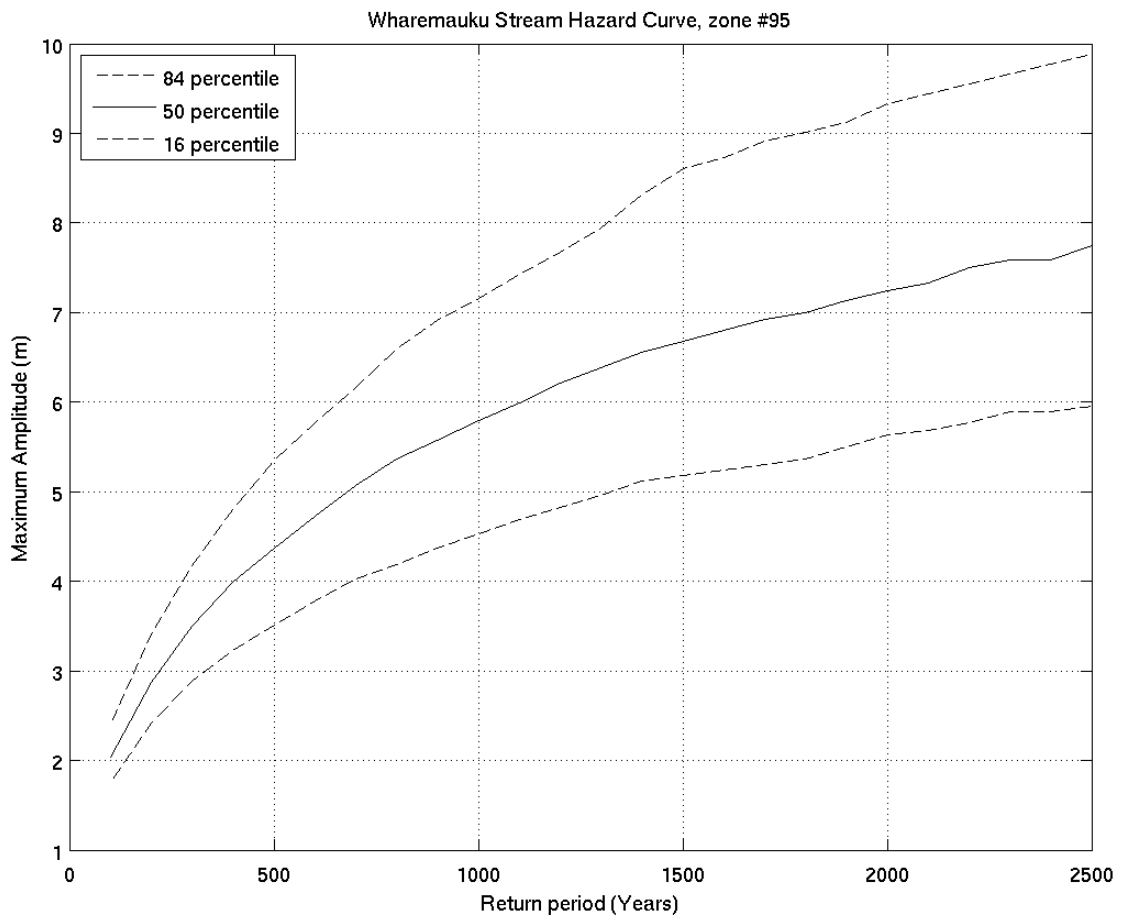
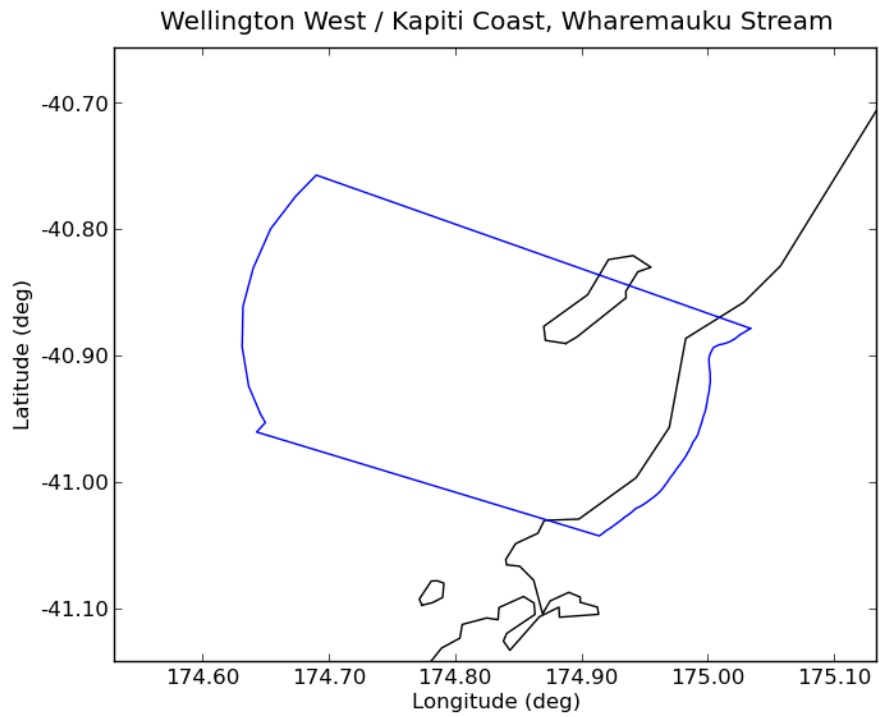
Deaggregation of Zone:94, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7769 m



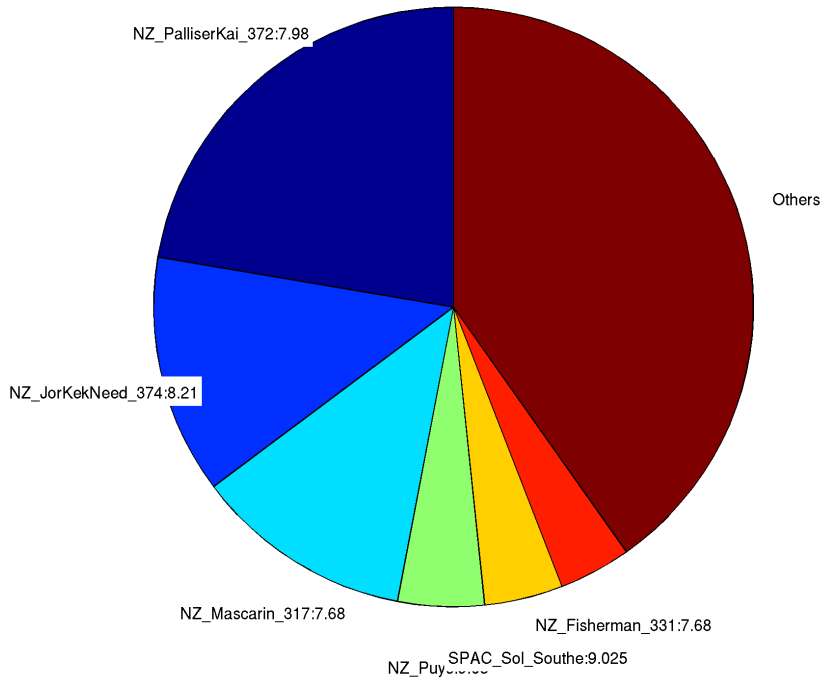
Deaggregation of Zone:94, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9662 m



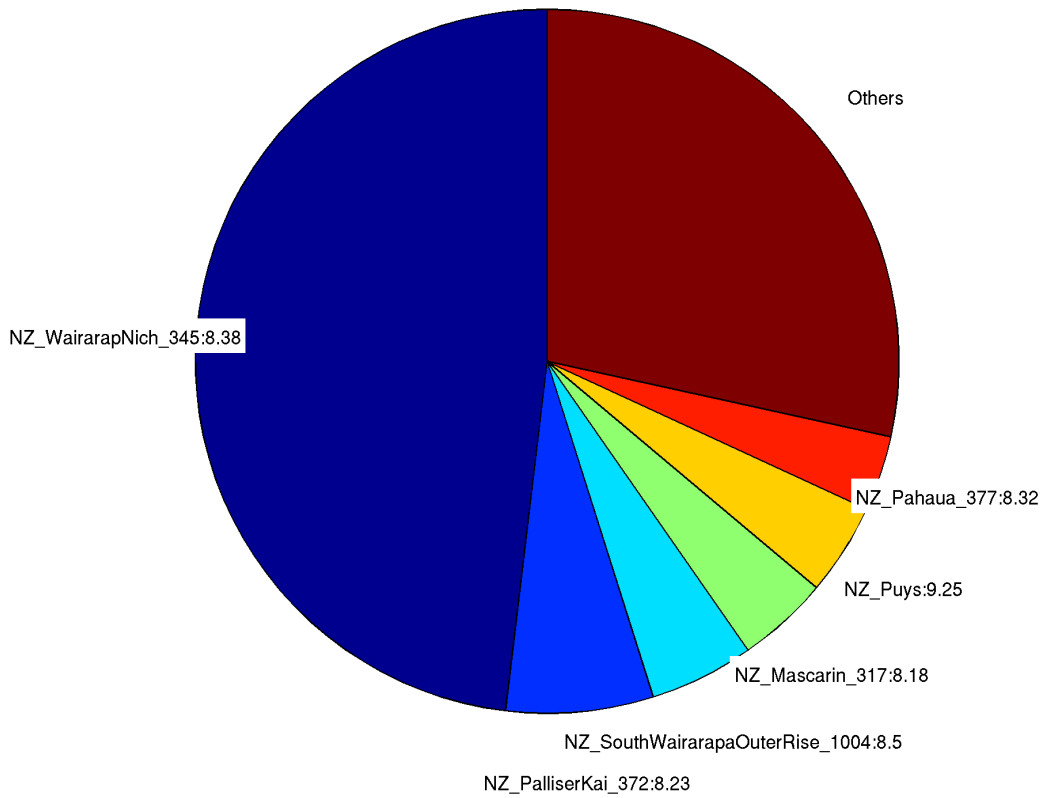
### 95. Wharemauku Stream



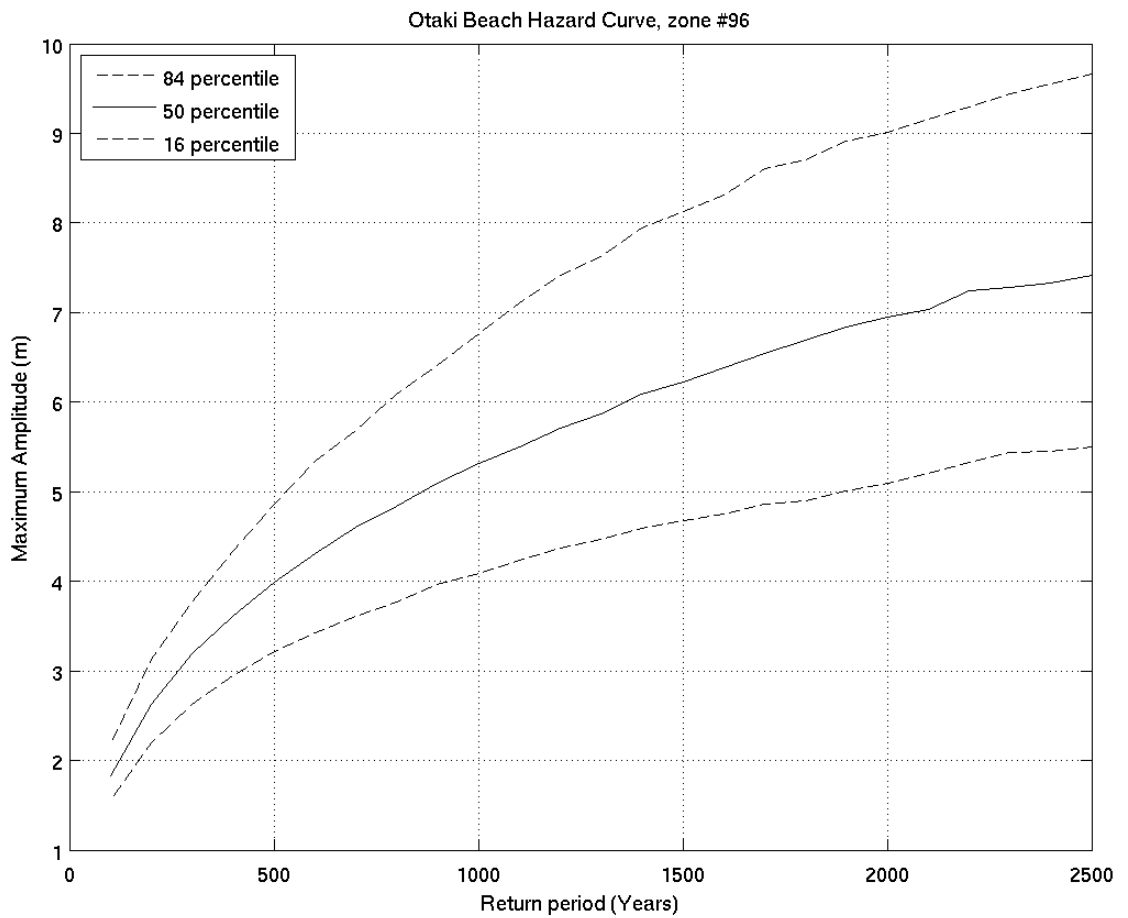
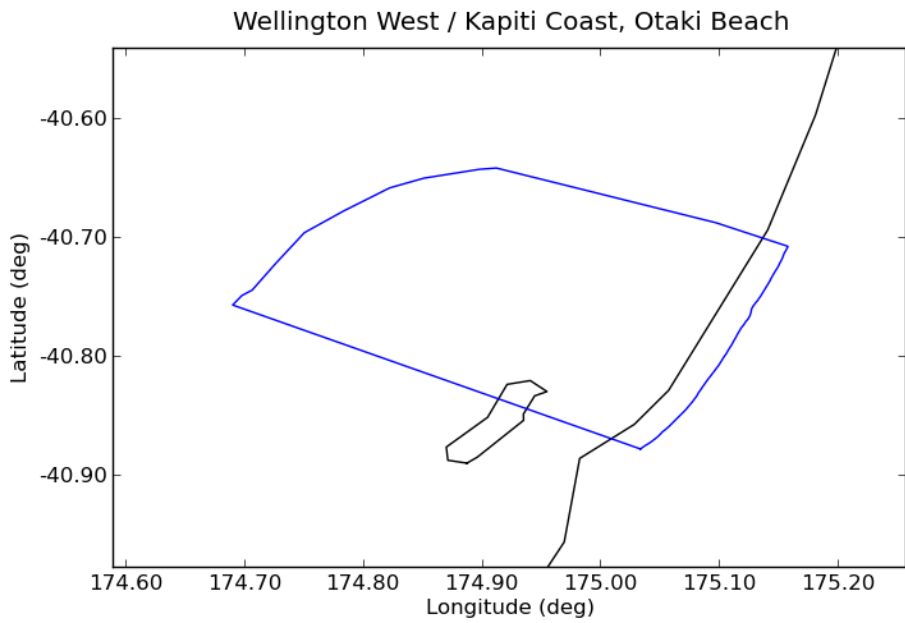
Deaggregation of Zone:95, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.371 m



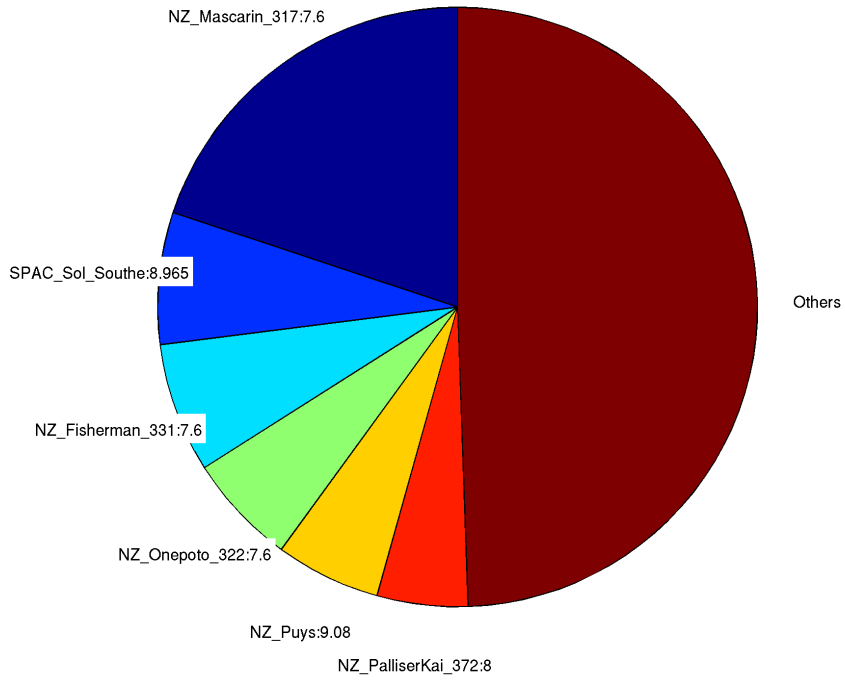
Deaggregation of Zone:95, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.743 m



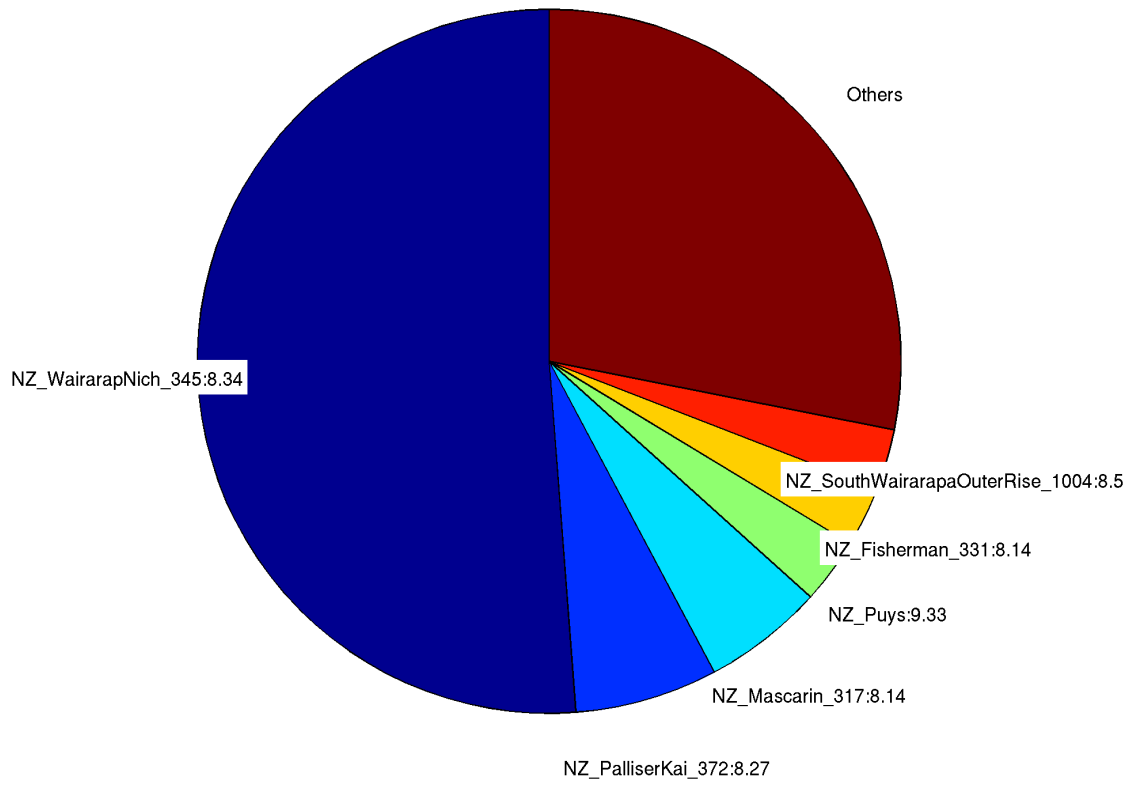
# 96. Otaki Beach



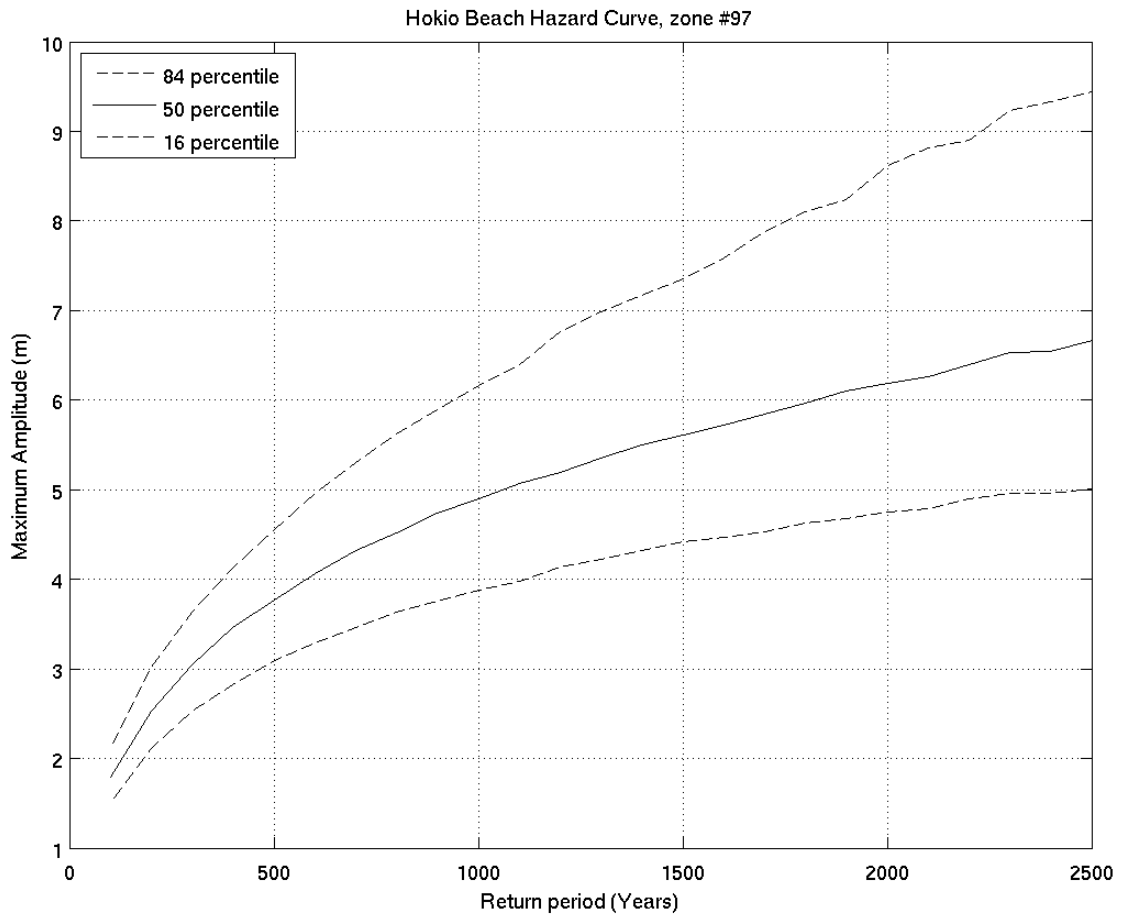
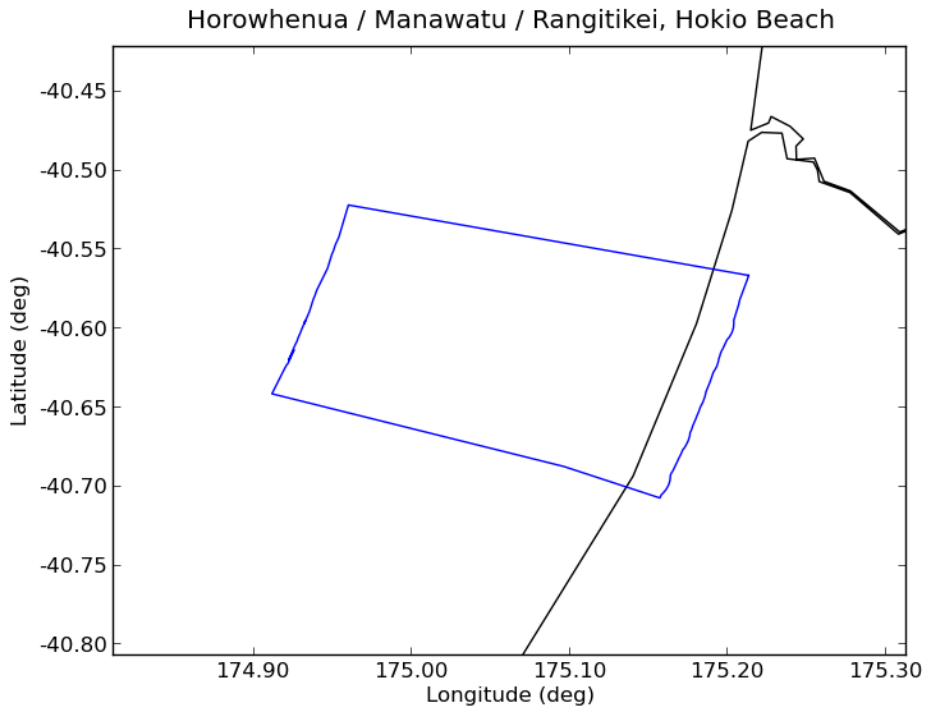
Deaggregation of Zone:96, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.9811 m



Deaggregation of Zone:96, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4131 m

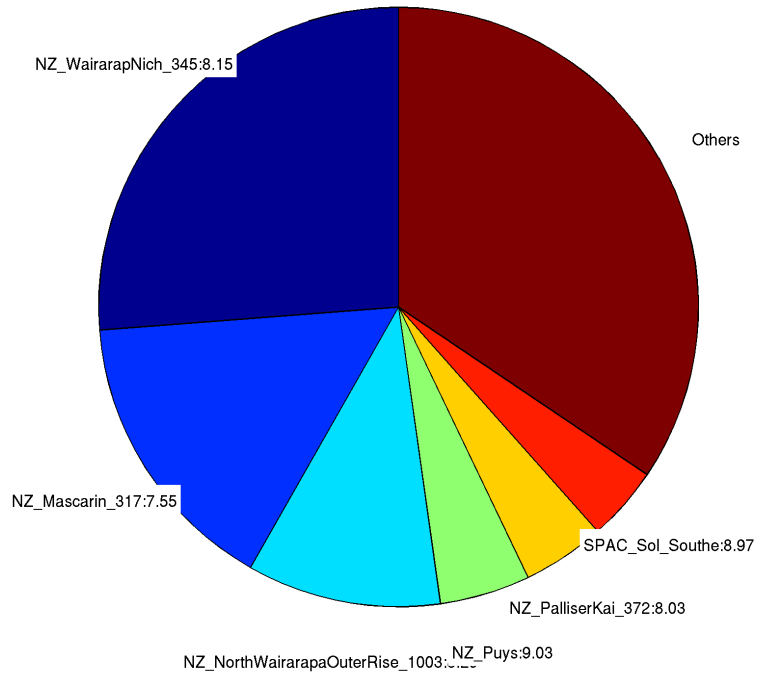


97. **Hokio Beach**

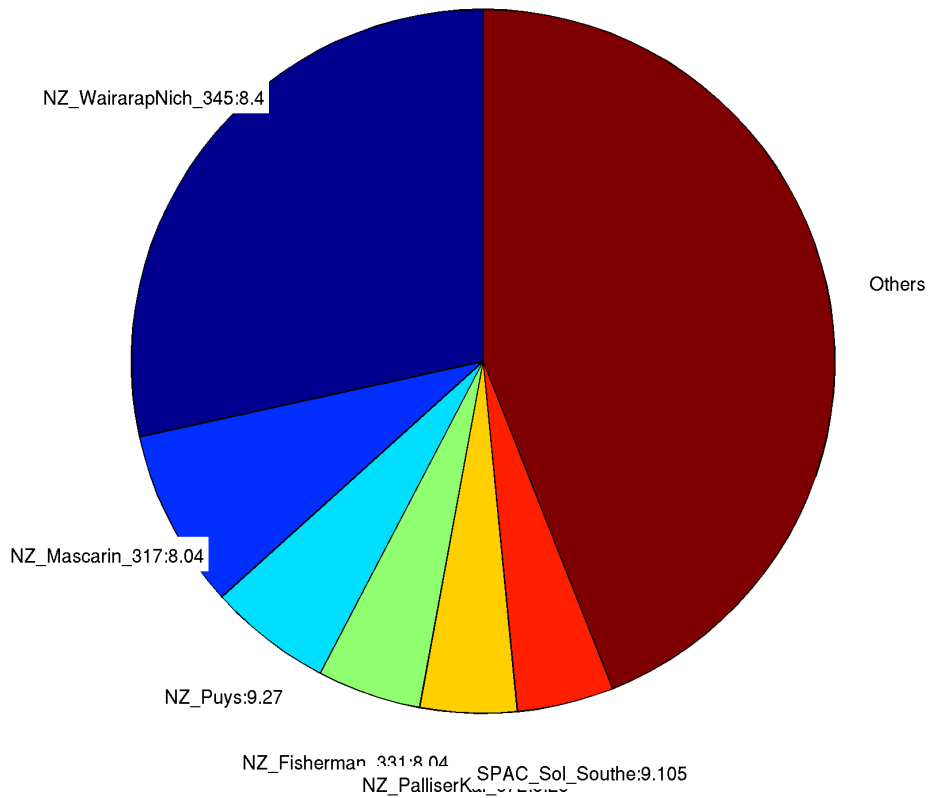




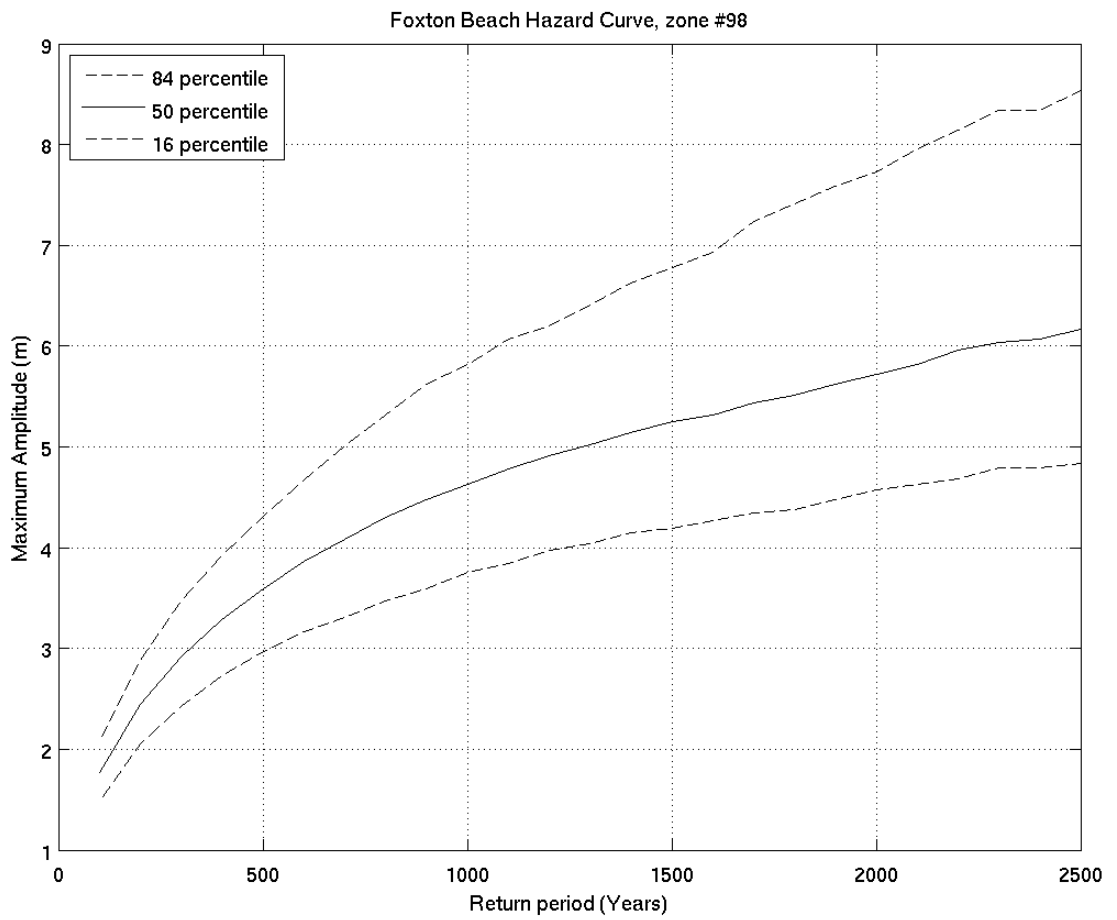
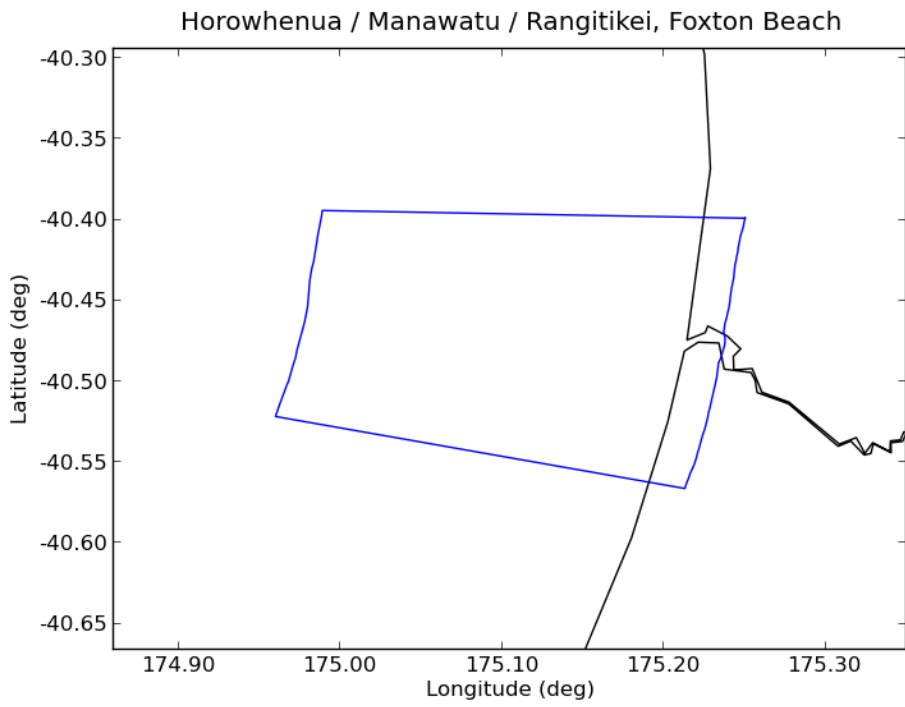
Deaggregation of Zone:97, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.762 m



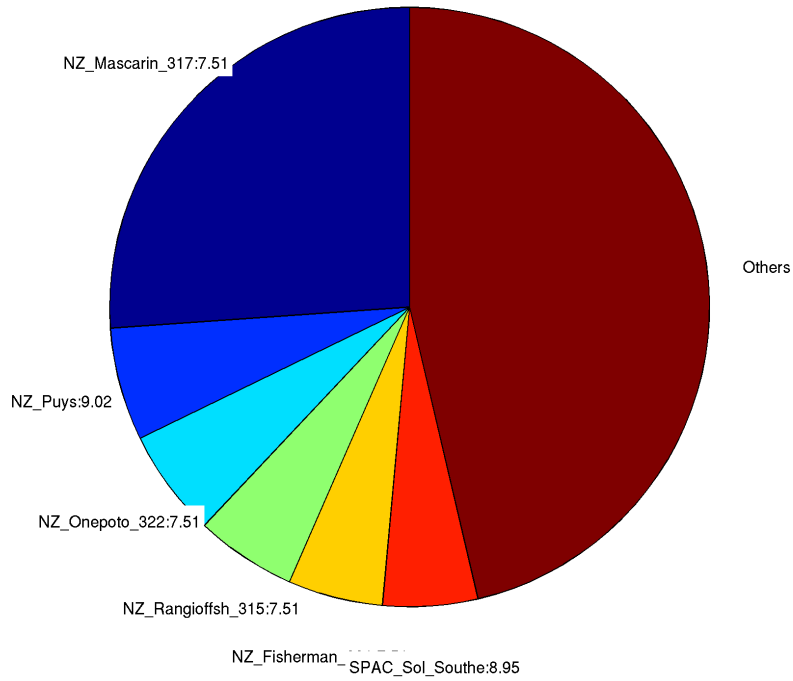
Deaggregation of Zone:97, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6442 m



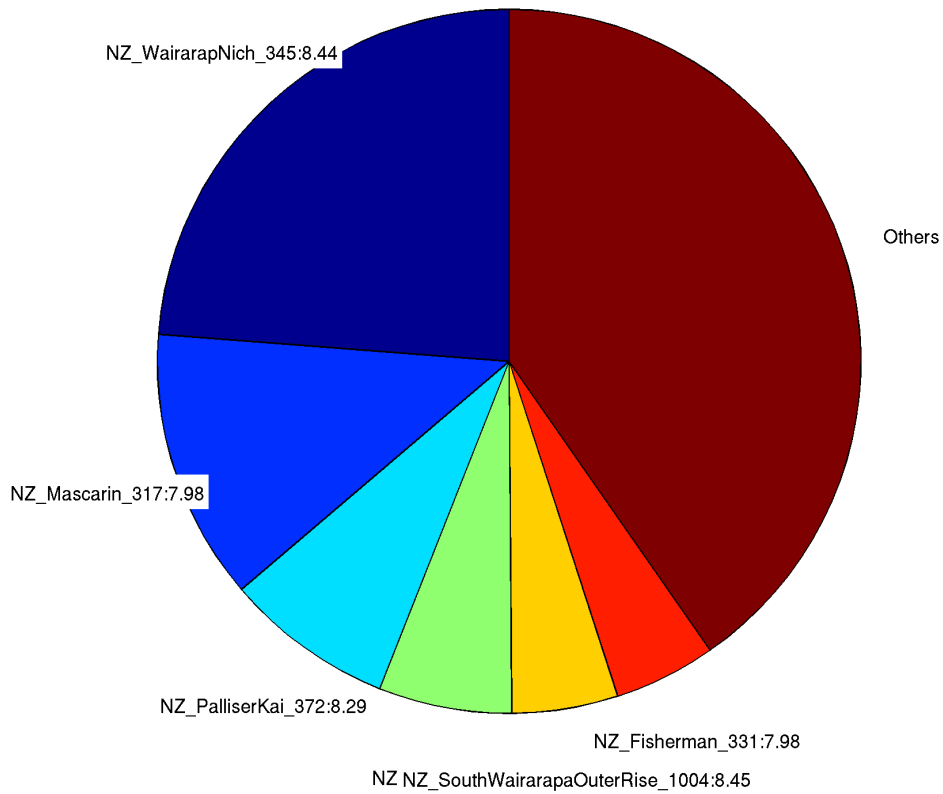
# 98. *Foxton Beach*



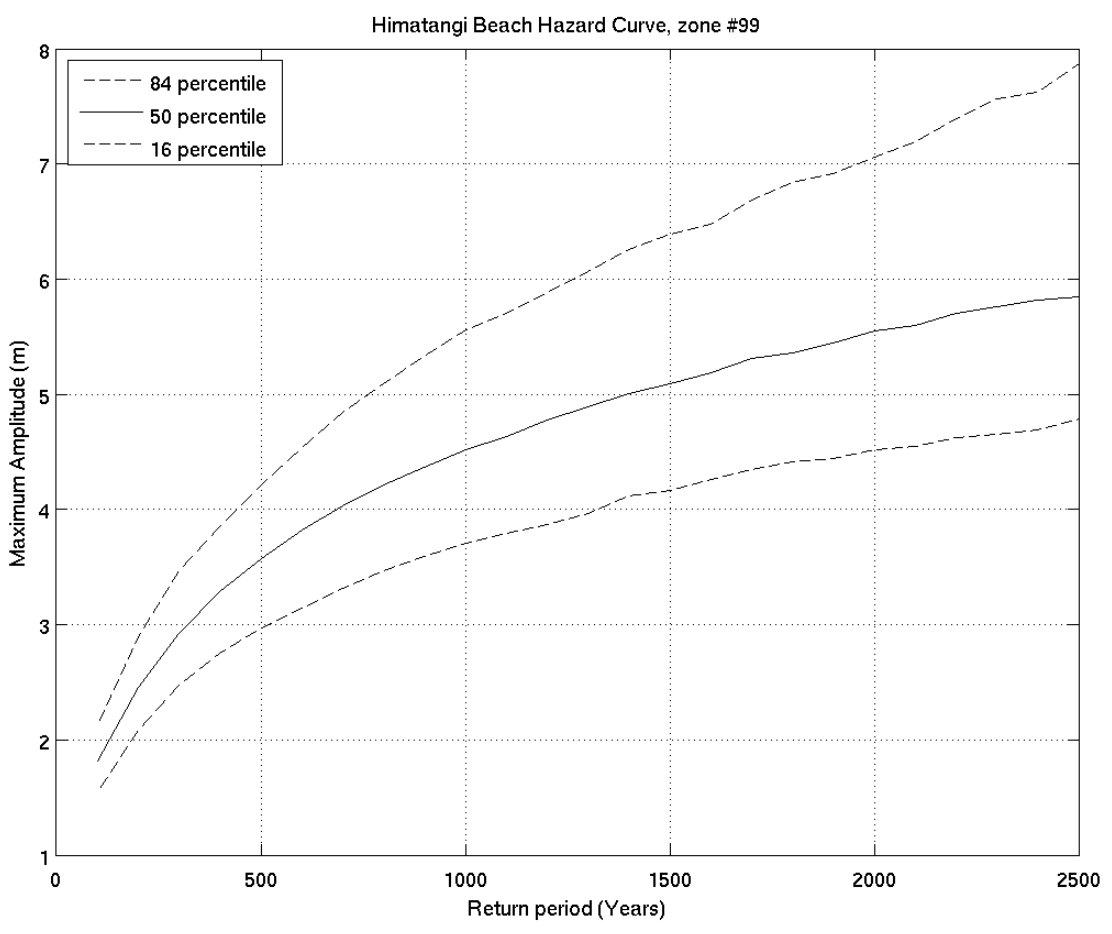
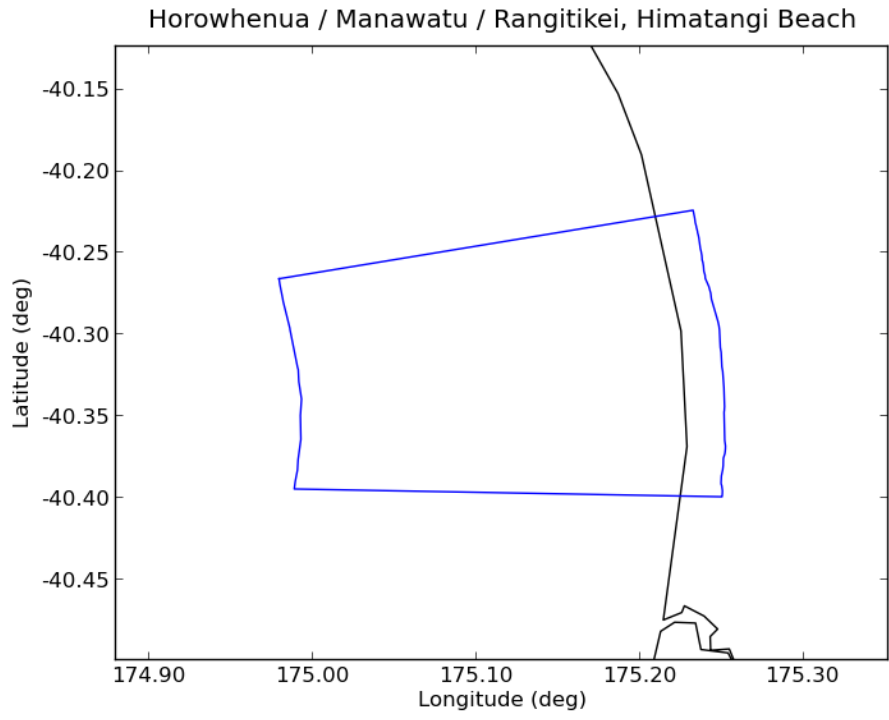
Deaggregation of Zone:98, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5892 m



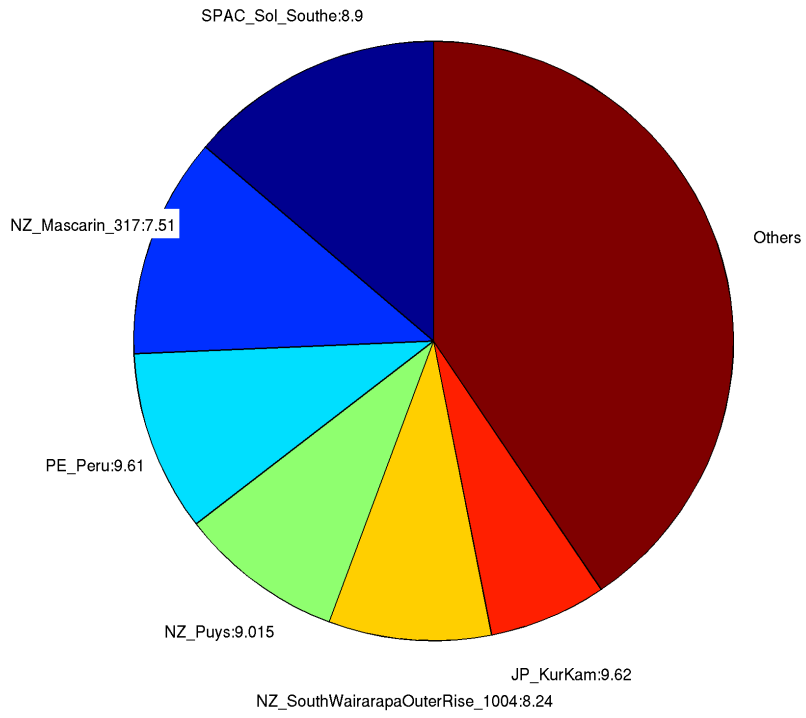
Deaggregation of Zone:98, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.166 m



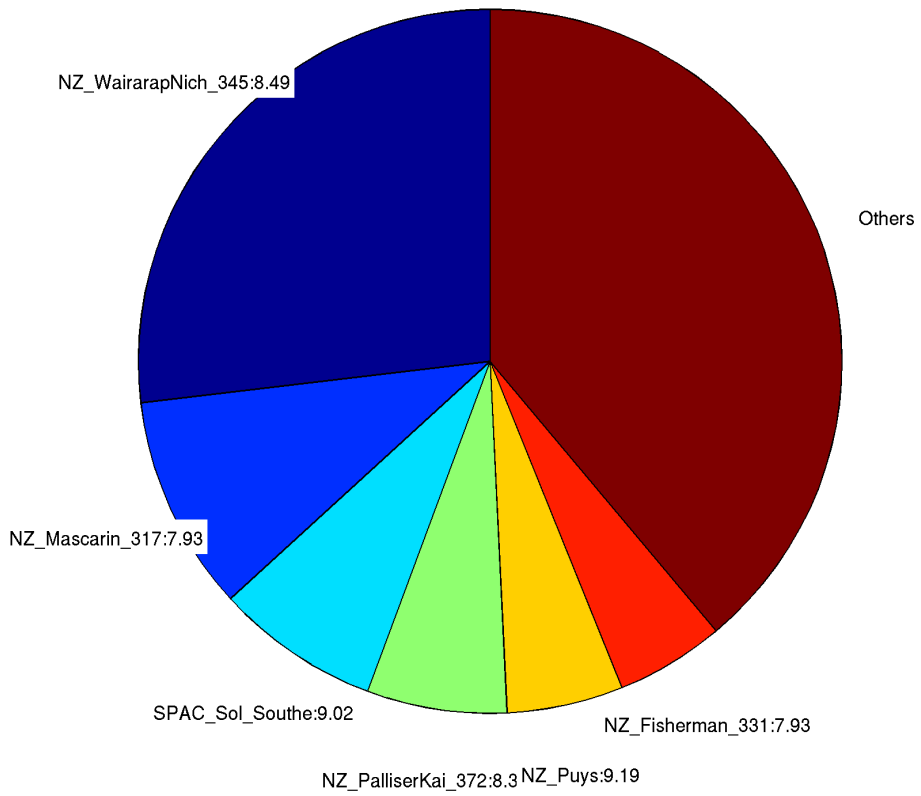
### 99. Himatangi Beach



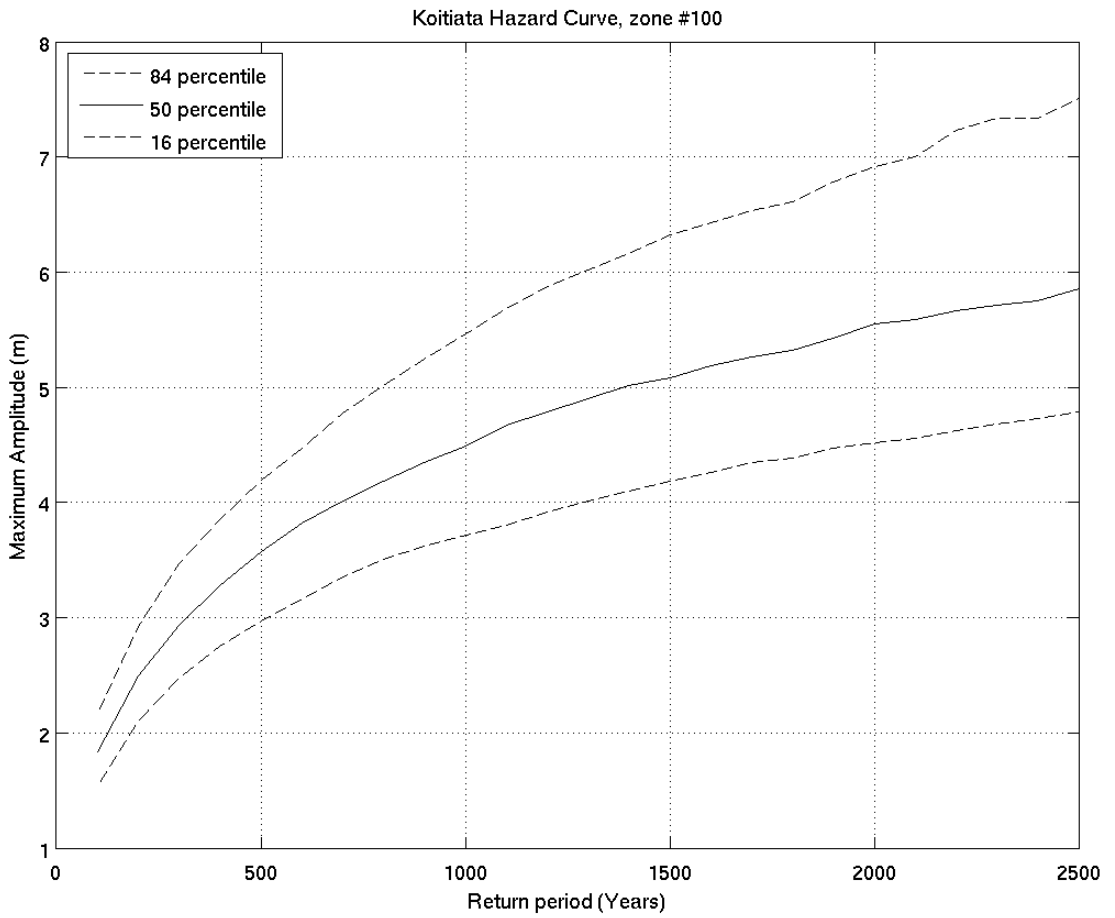
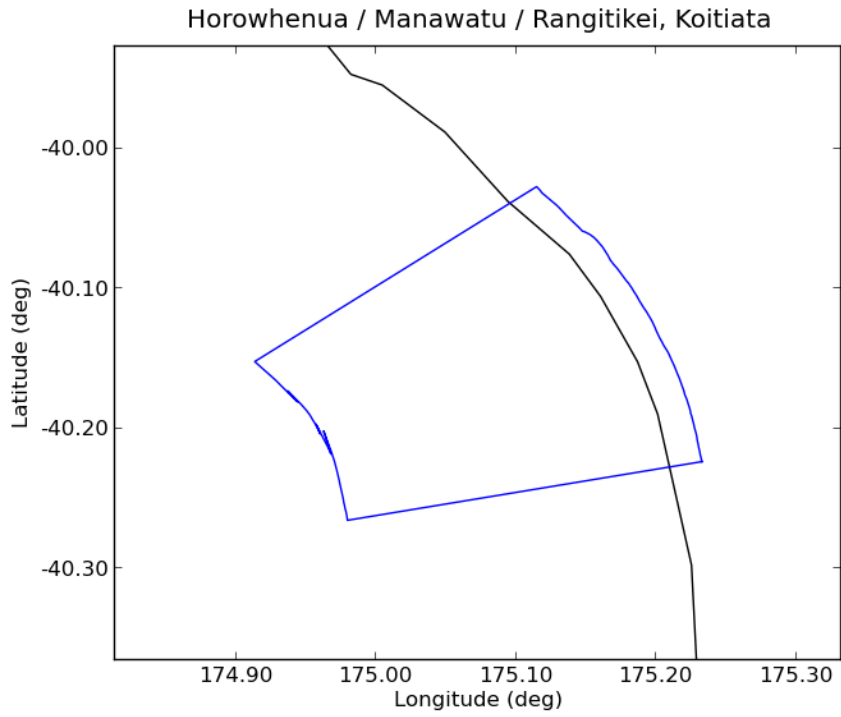
Deaggregation of Zone:99, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5736 m



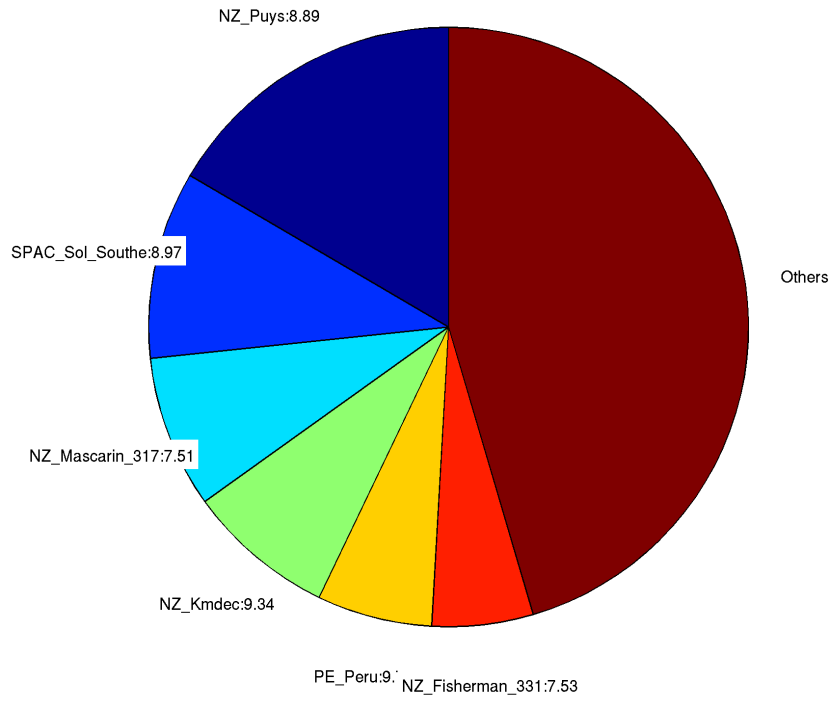
Deaggregation of Zone:99, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8481 m



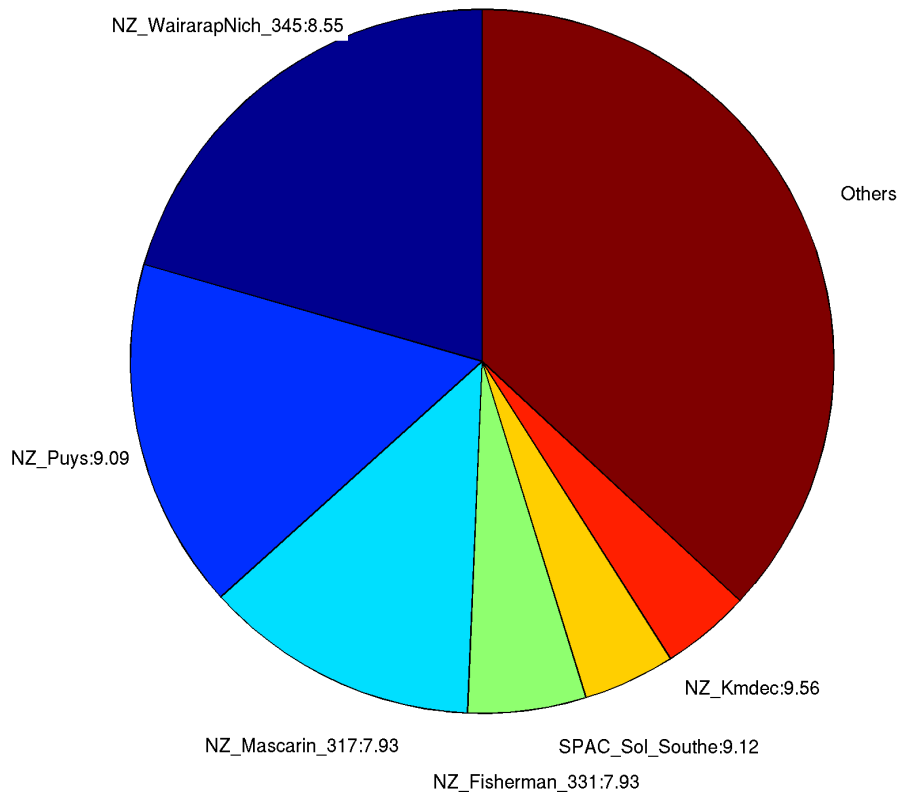
100. *Koitiata*



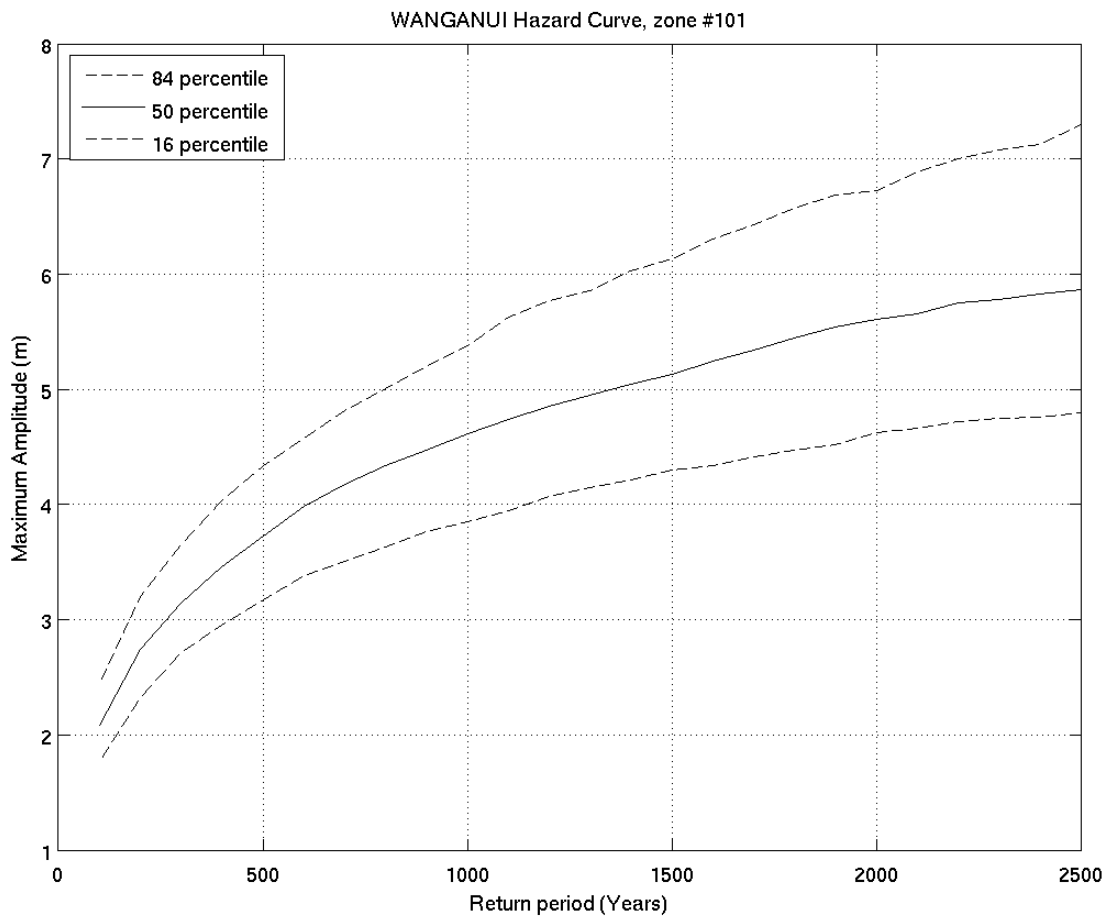
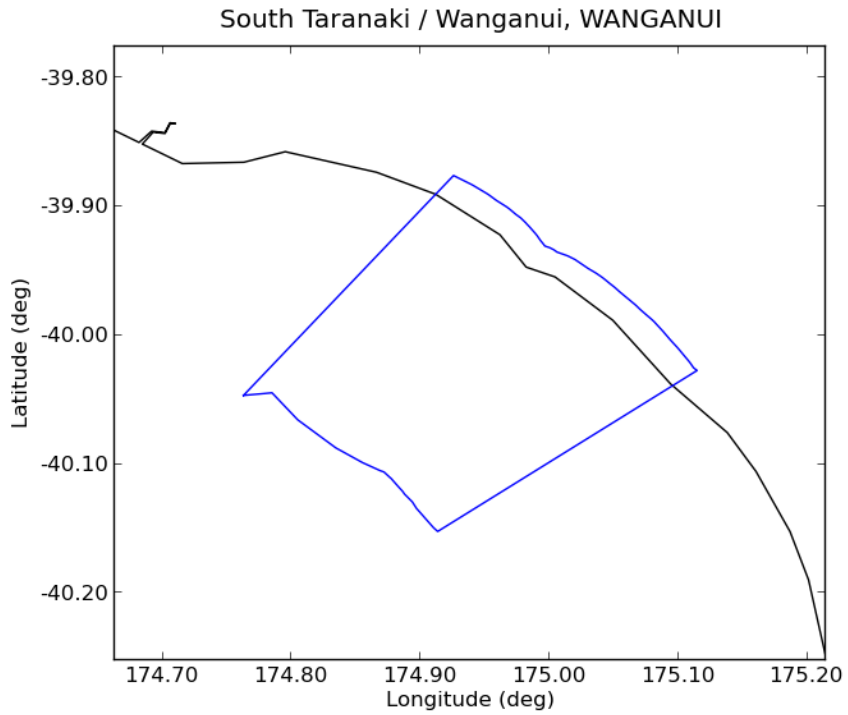
Deaggregation of Zone:100, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5725 m



Deaggregation of Zone:100, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8429 m

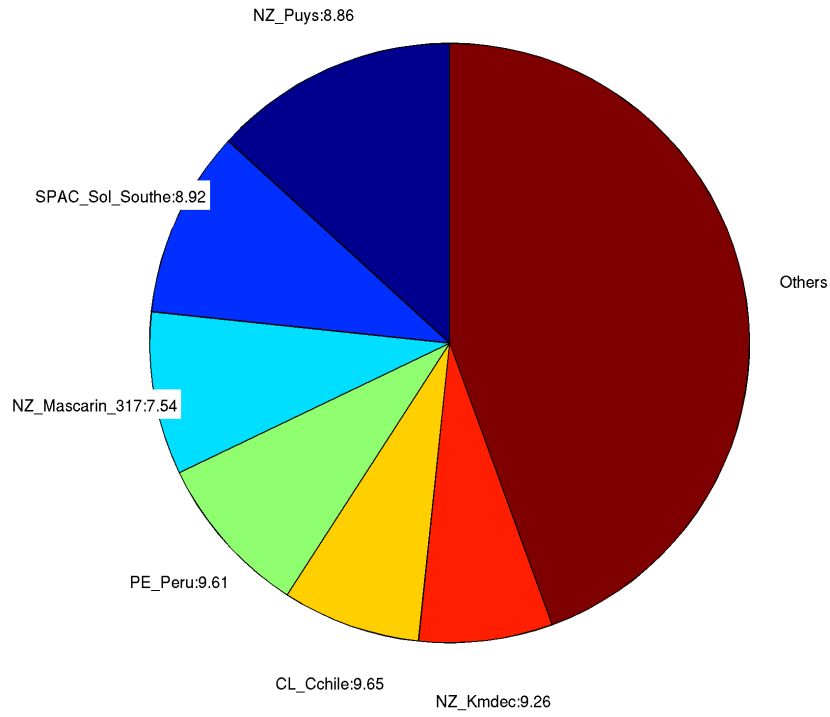


101. **WANGANUI**

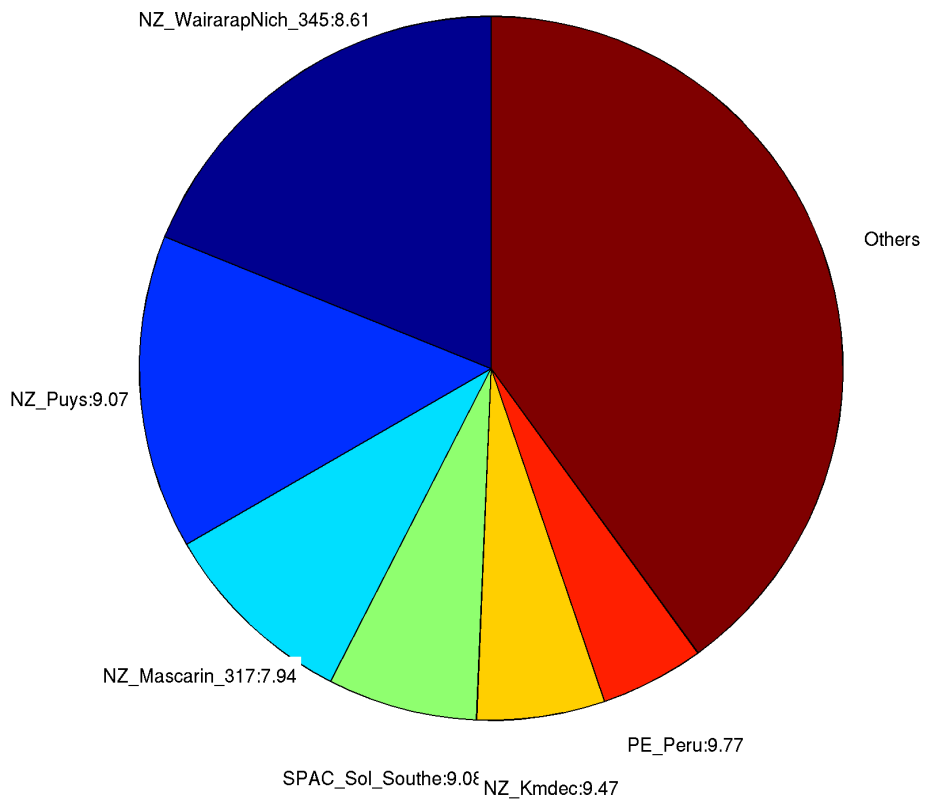




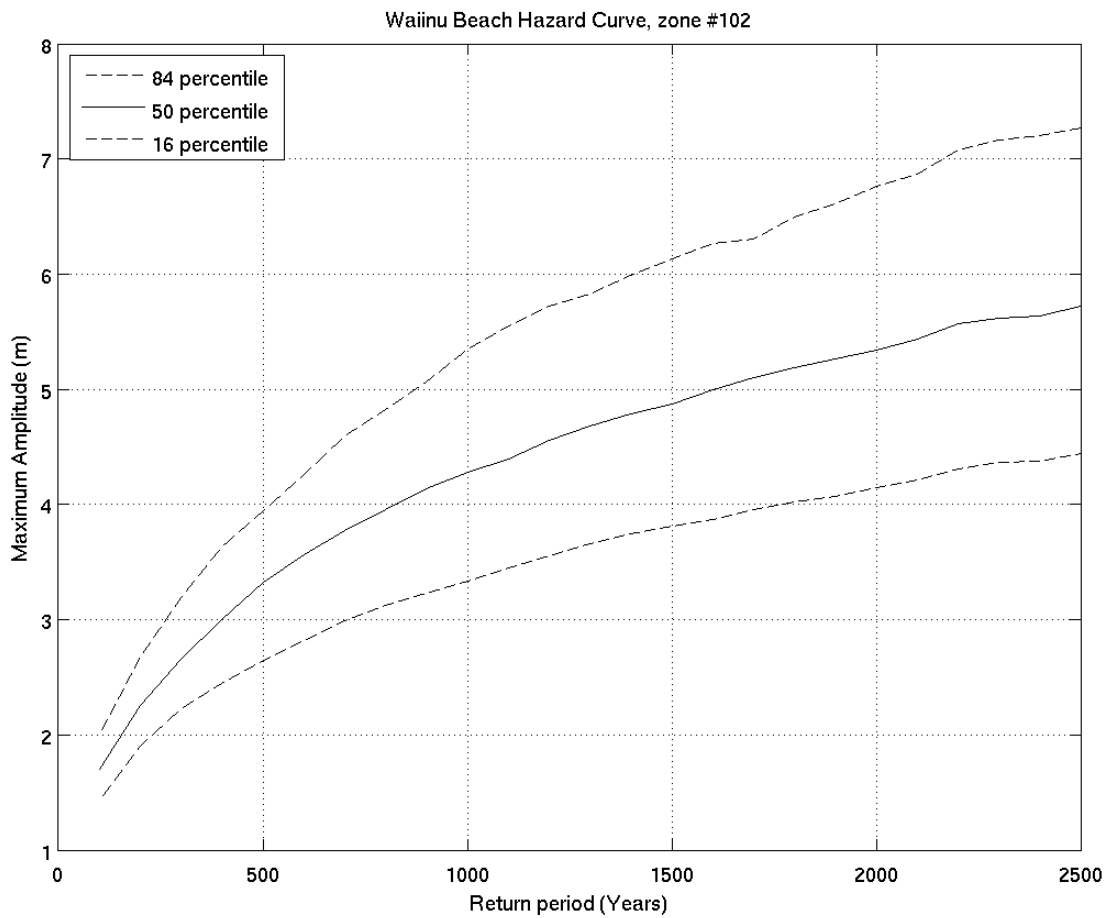
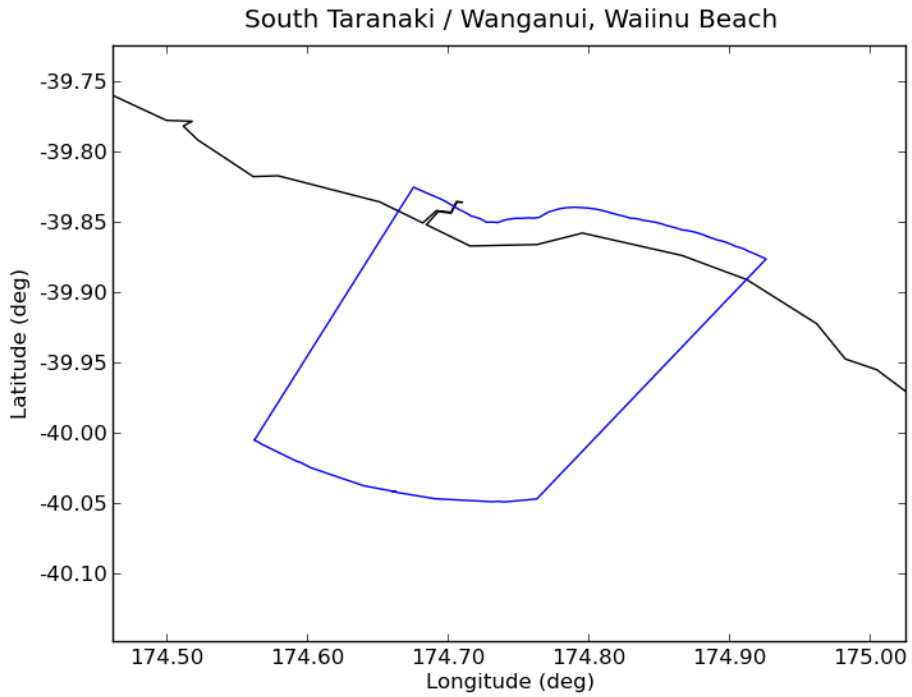
Deaggregation of Zone:101, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.7248 m



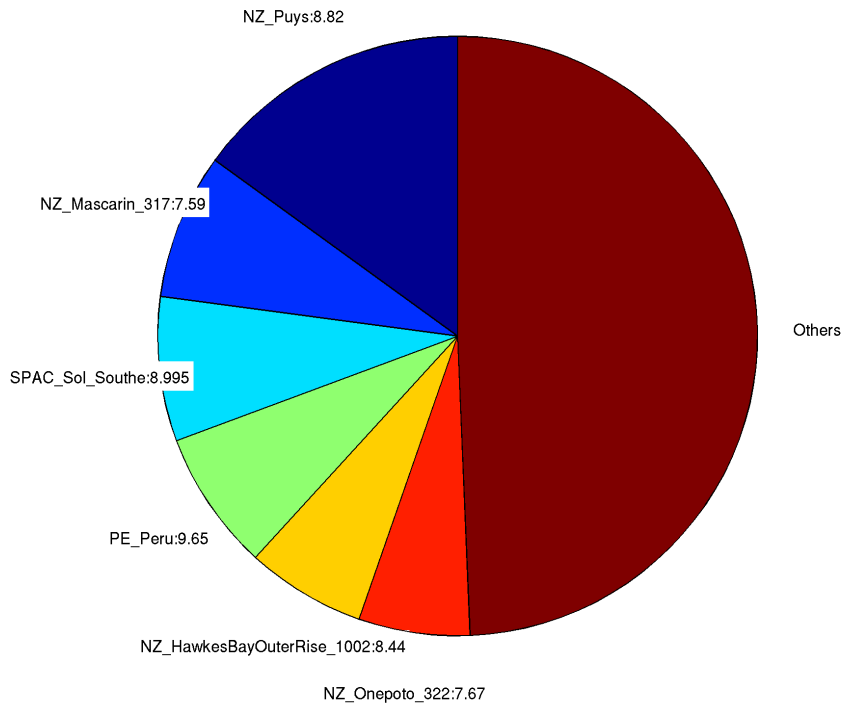
Deaggregation of Zone:101, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8565 m



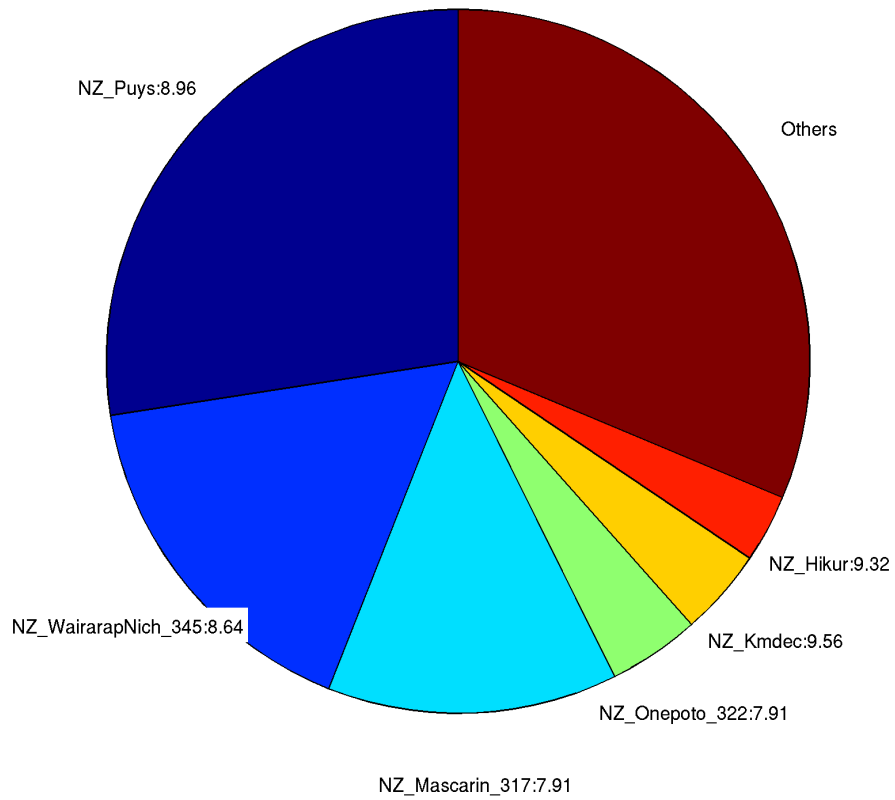
102. *Waiinu Beach*



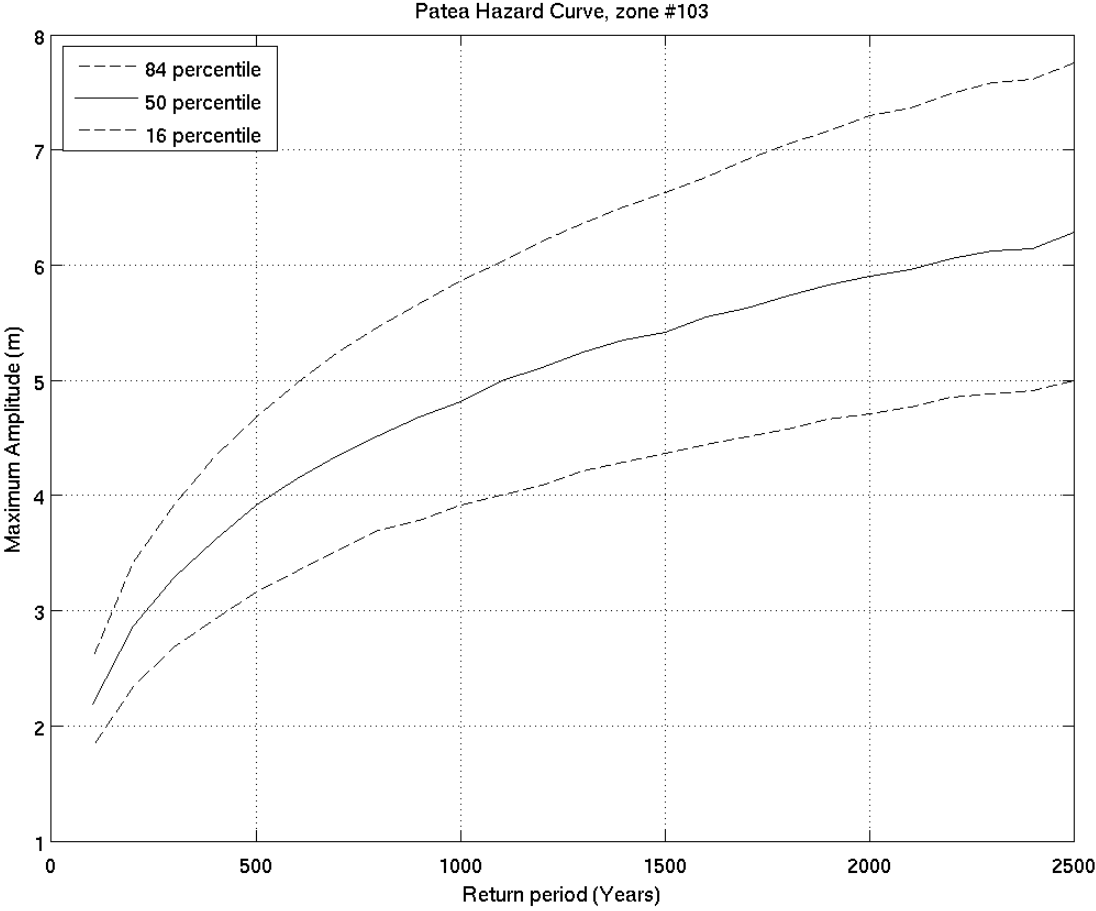
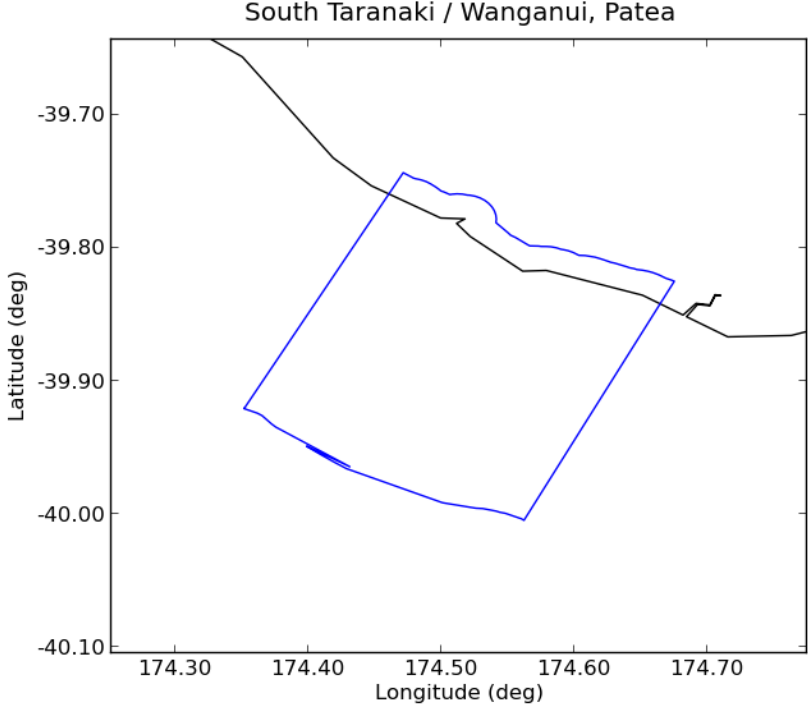
Deaggregation of Zone:102, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.3239 m



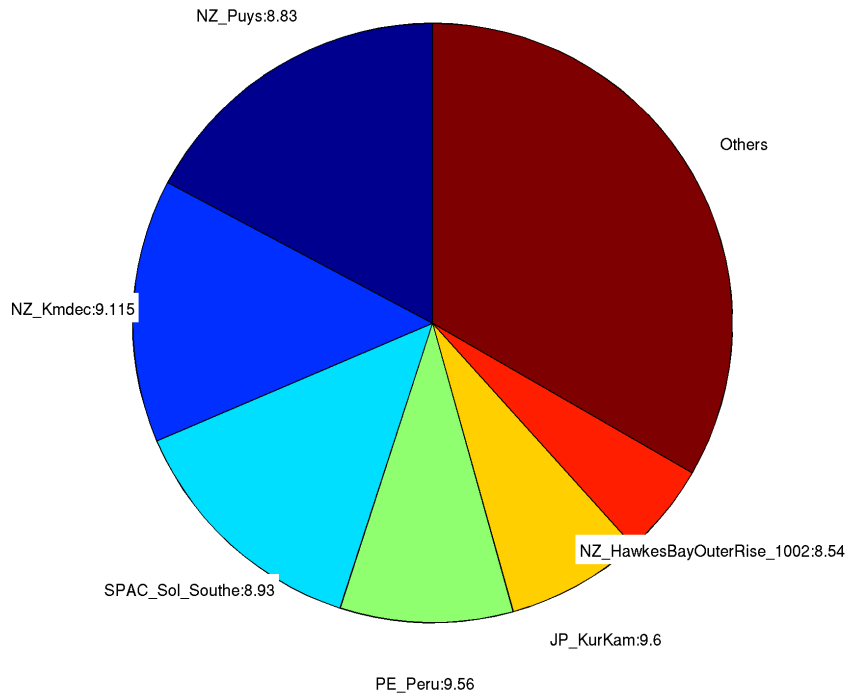
Deaggregation of Zone:102, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7199 m



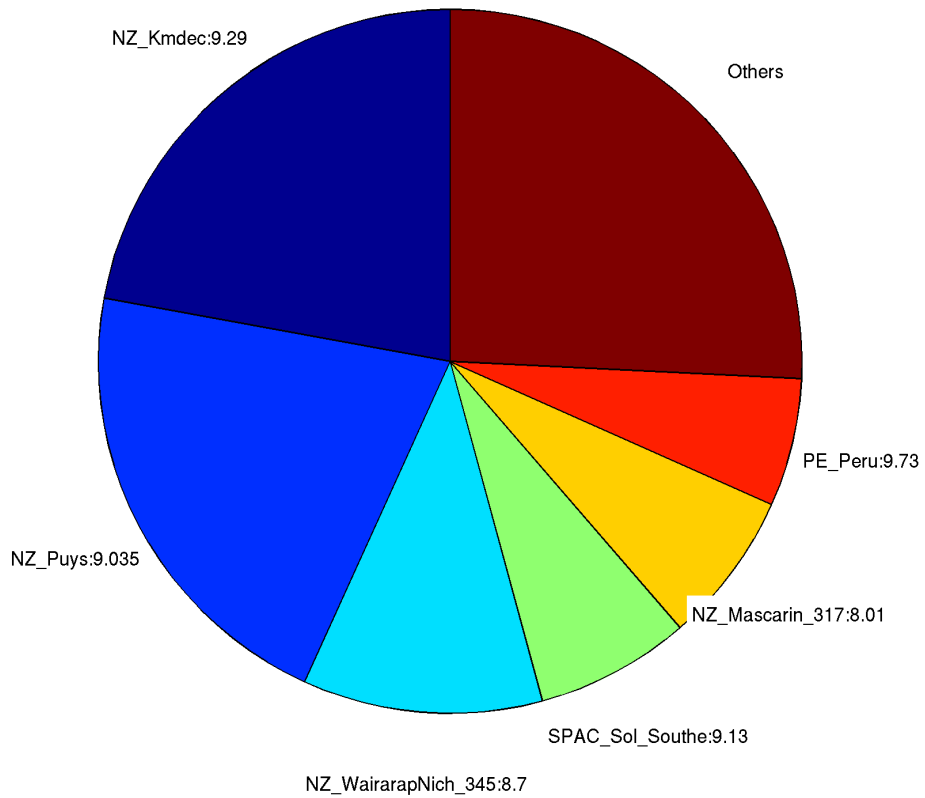
103. *Patea*



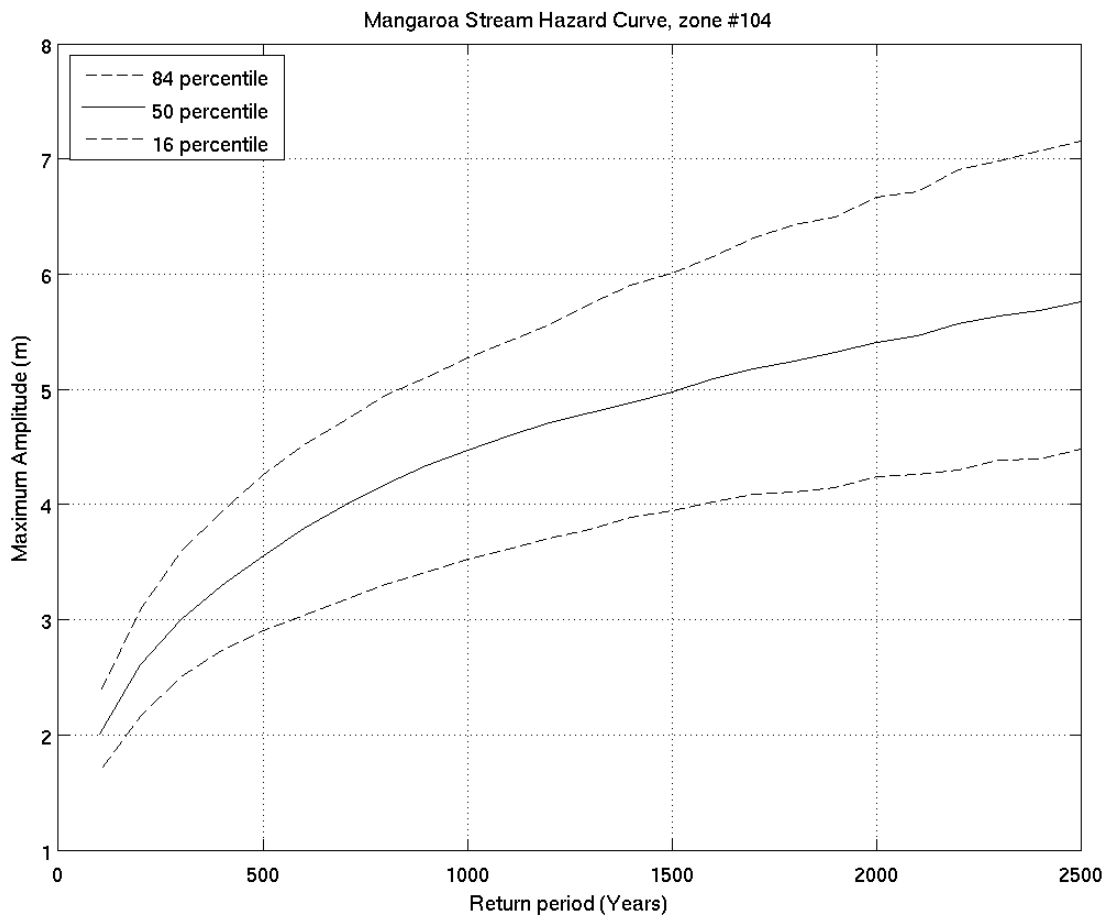
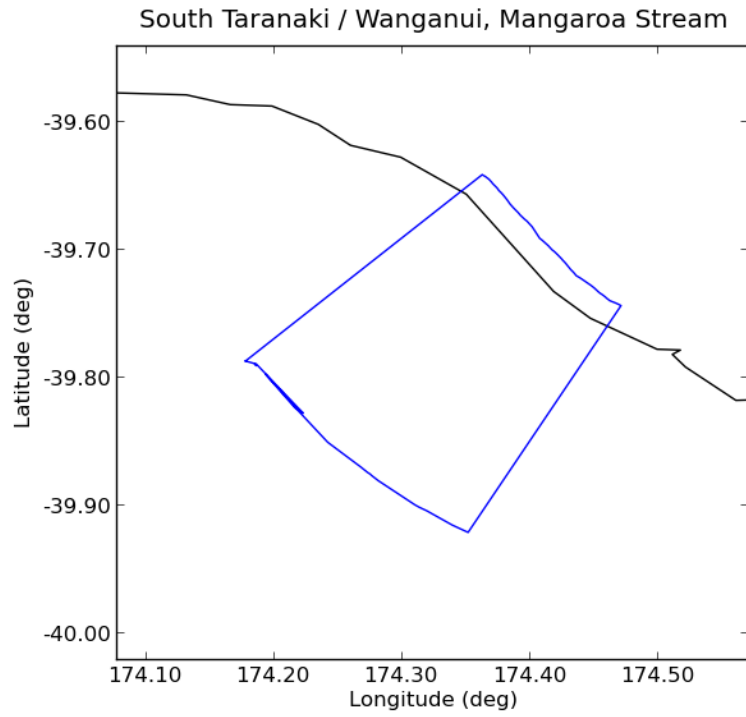
Deaggregation of Zone:103, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.9072 m



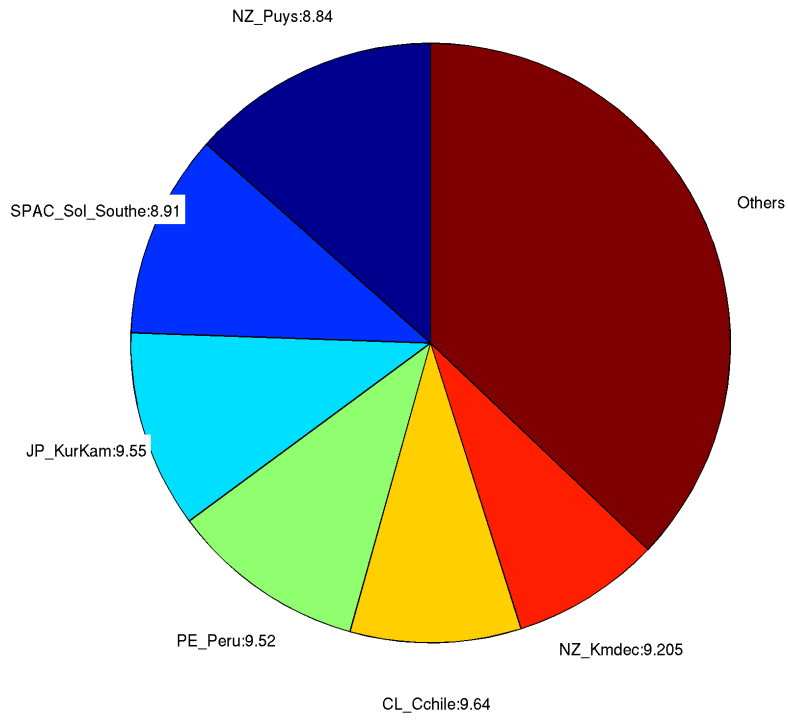
Deaggregation of Zone:103, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2865 m



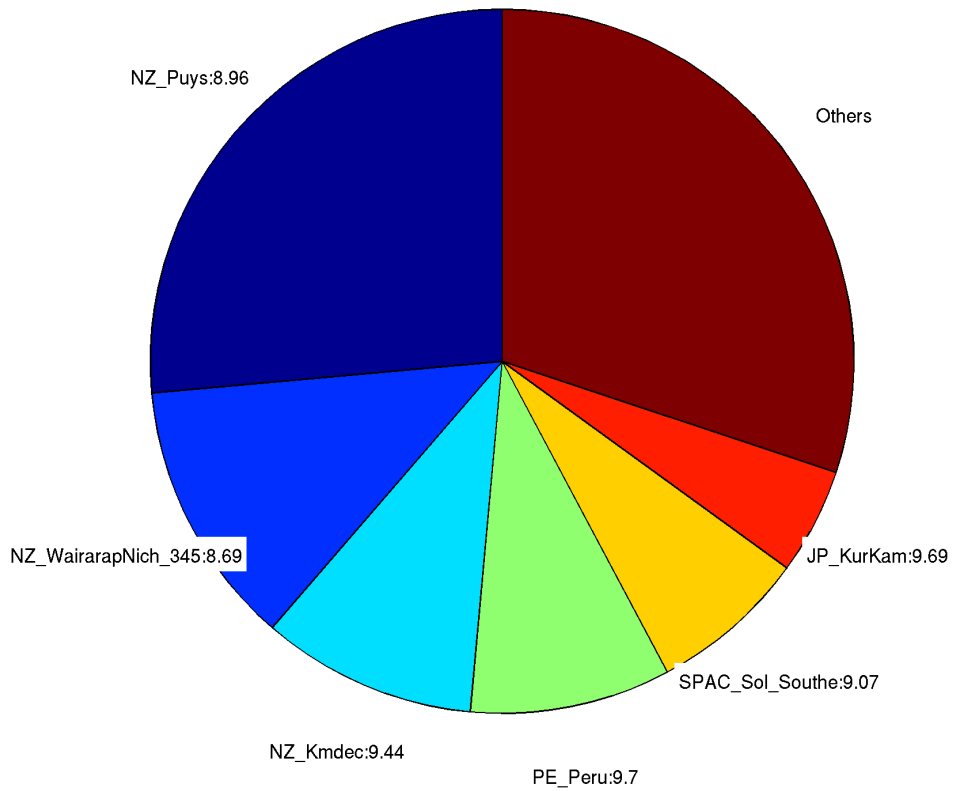
## 104. Mangaroa Stream



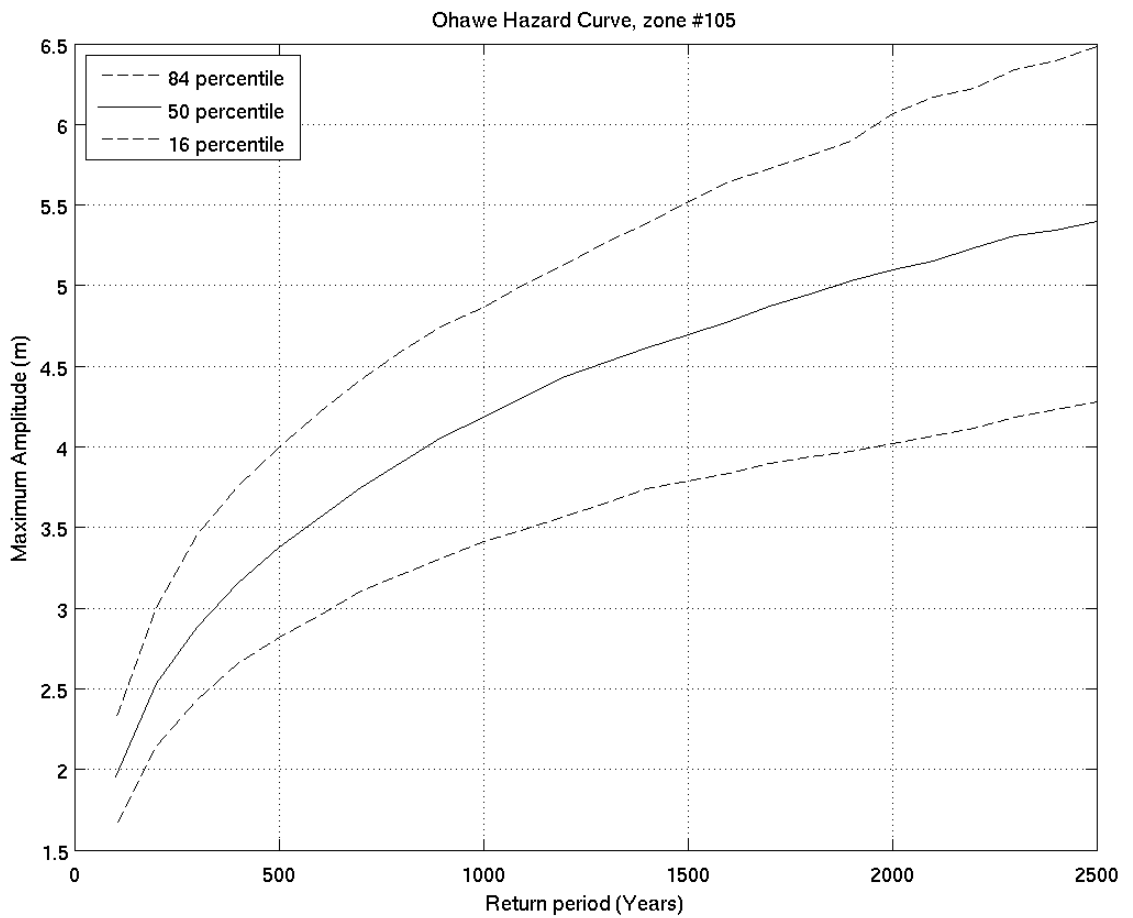
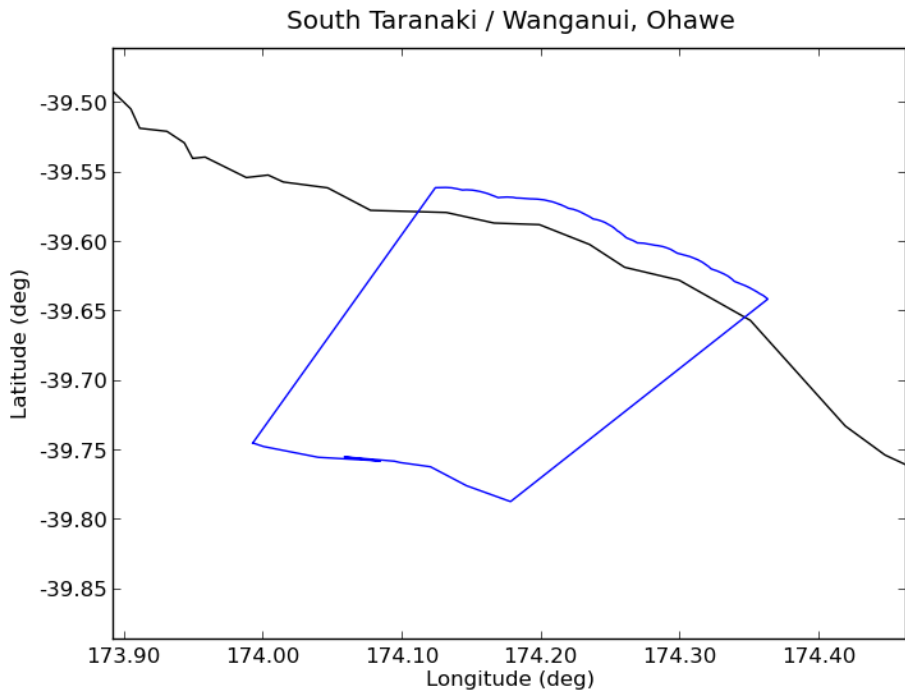
Deaggregation of Zone:104, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5481 m



Deaggregation of Zone:104, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7631 m

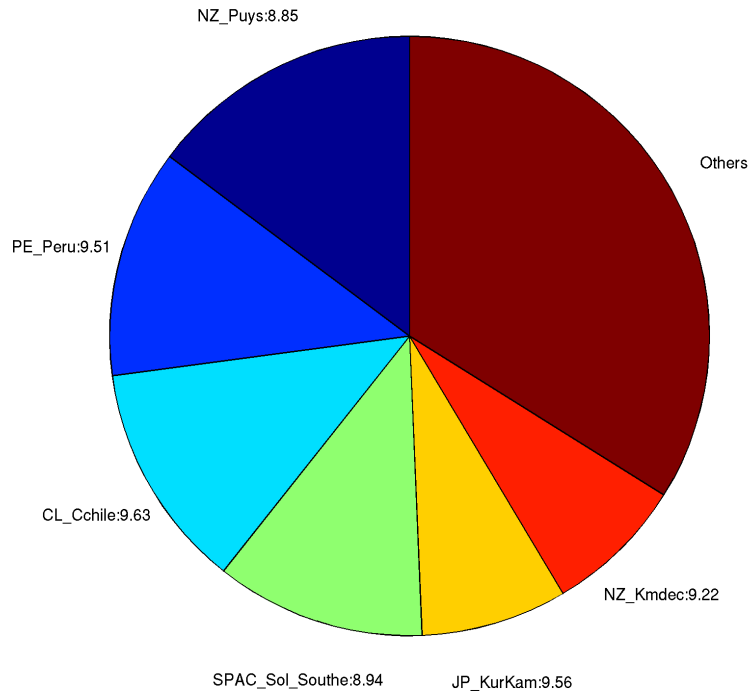


105. **Ohawe**

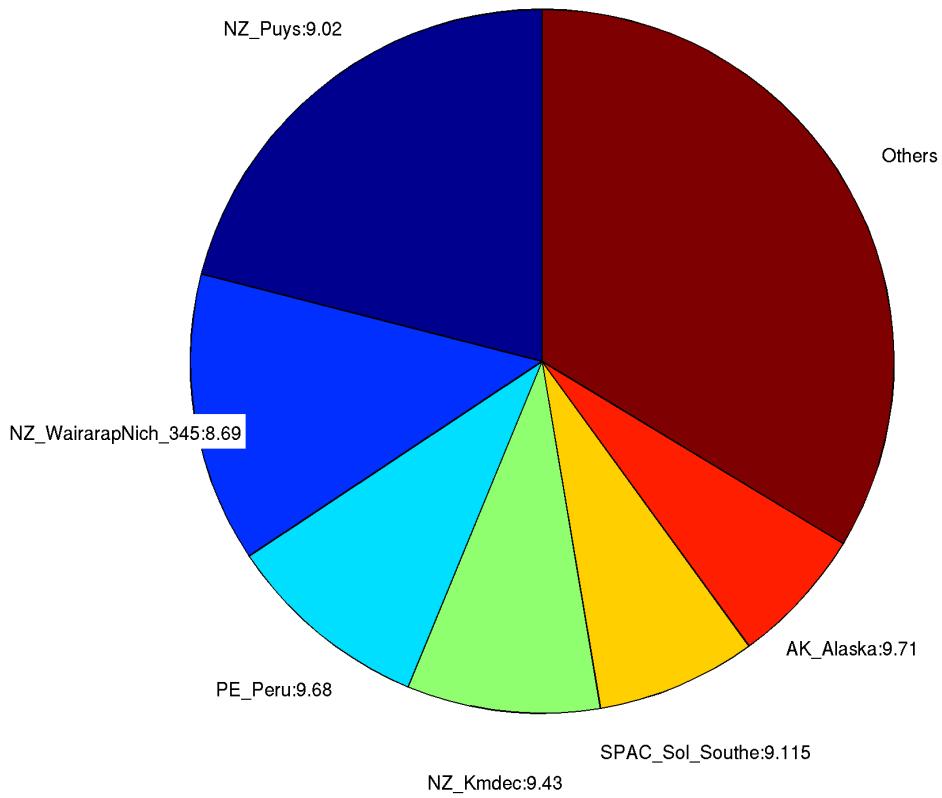




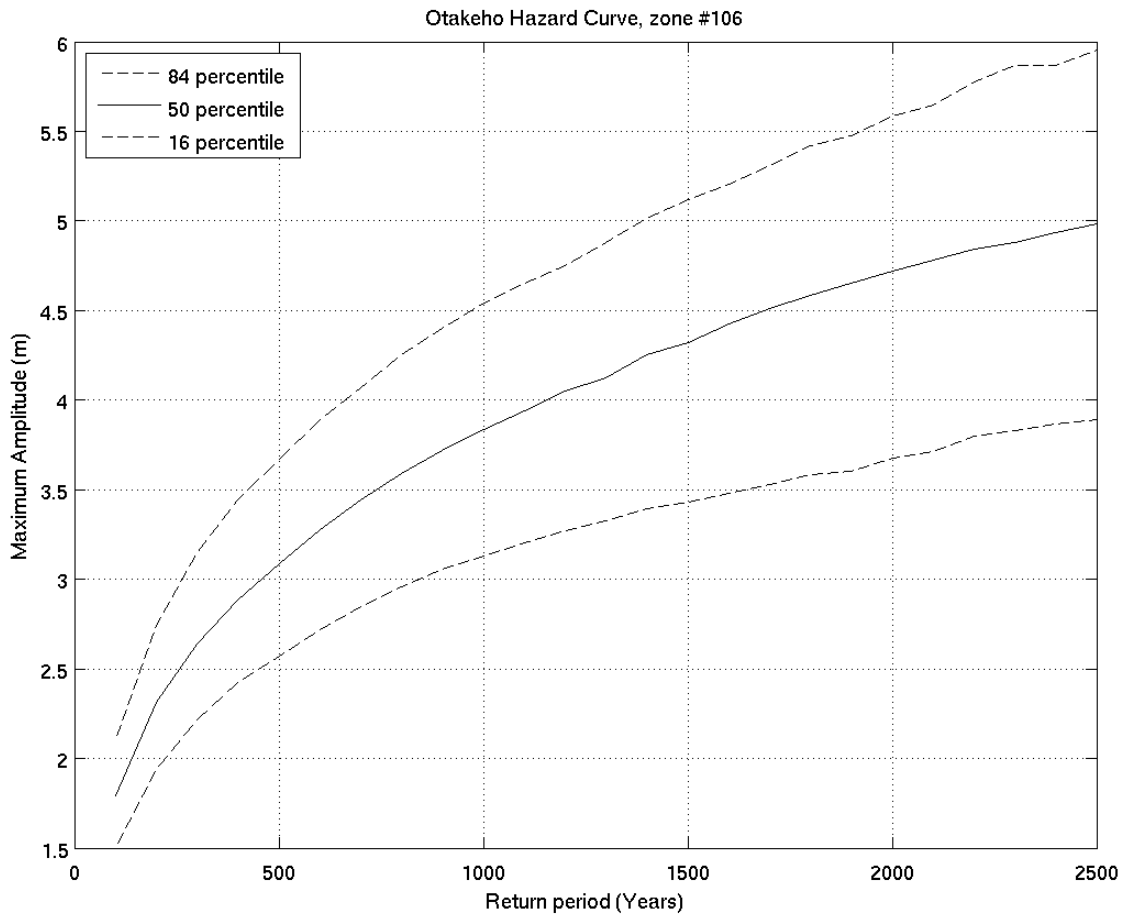
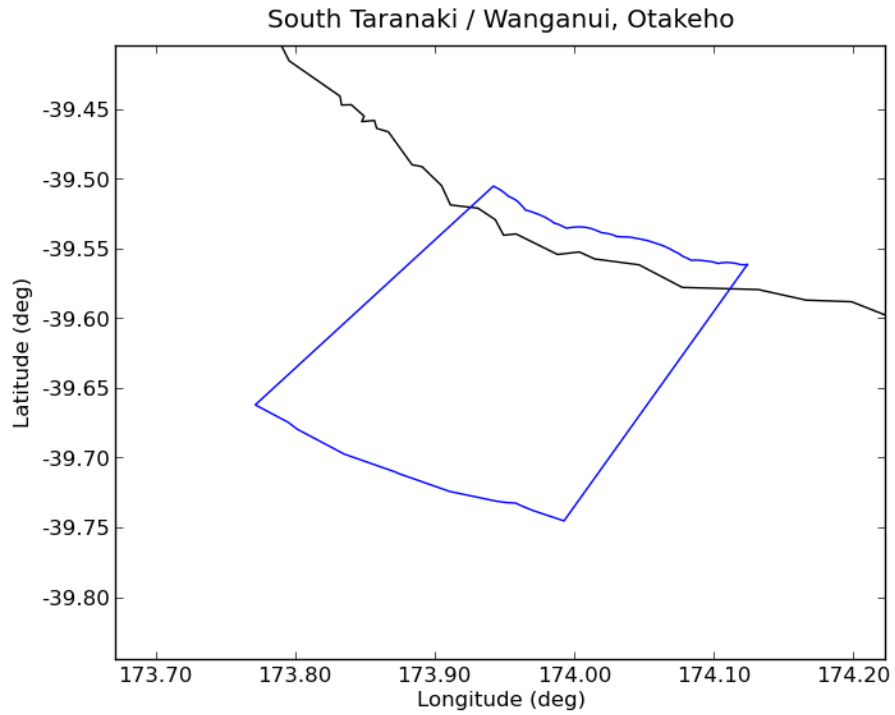
Deaggregation of Zone:105, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.372 m



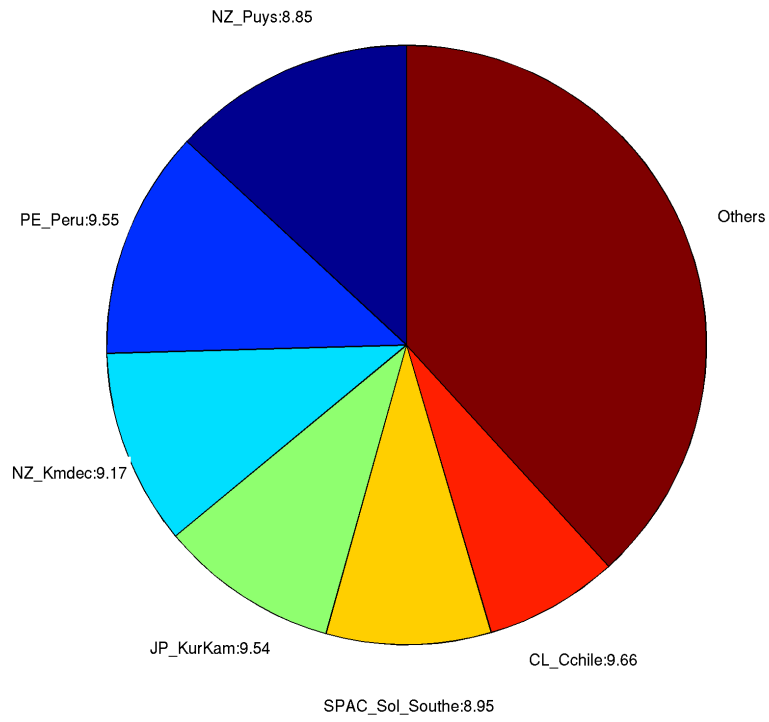
Deaggregation of Zone:105, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3933 m



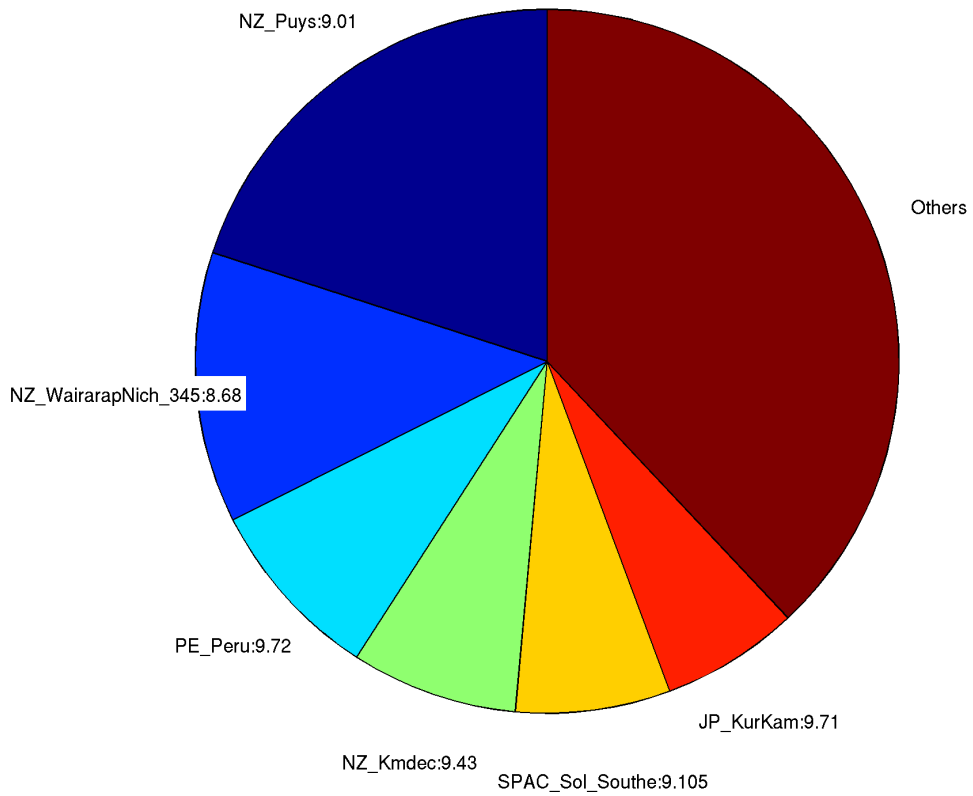
106. **Otakeho**



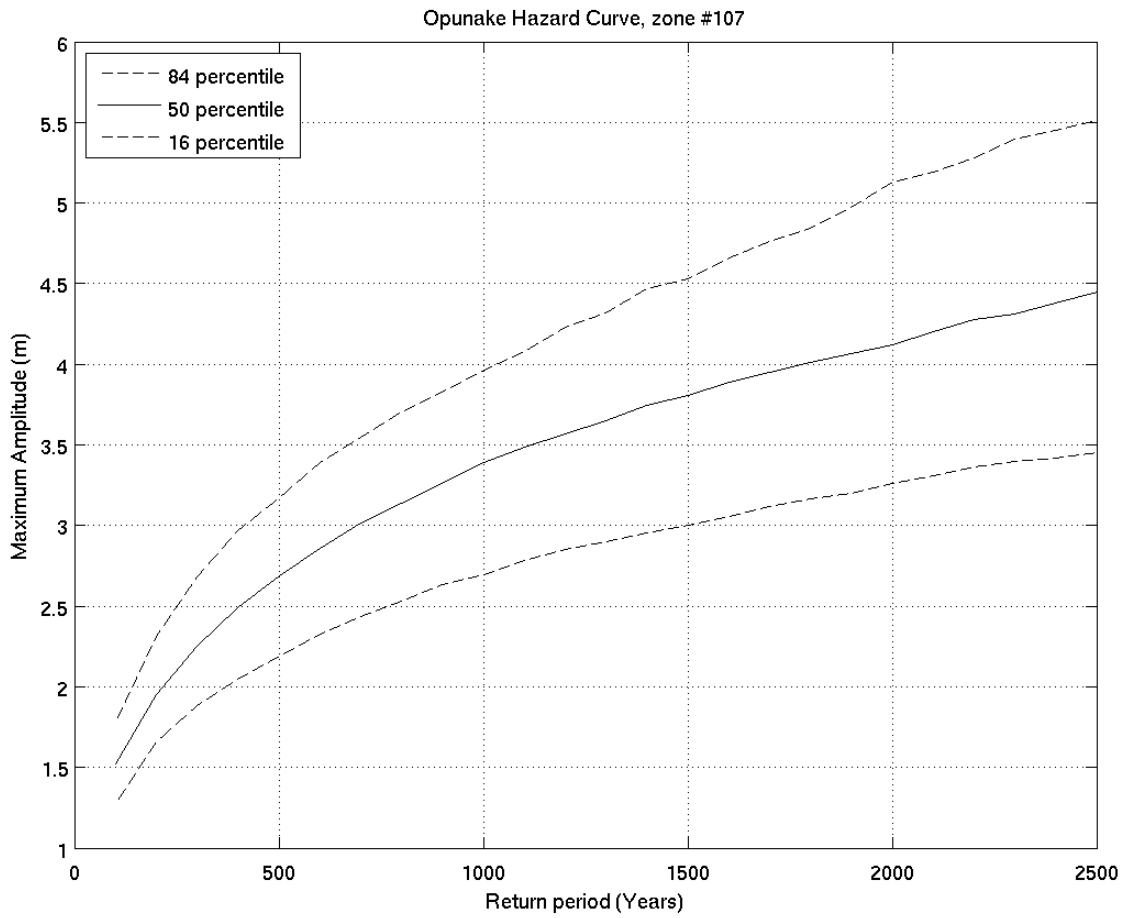
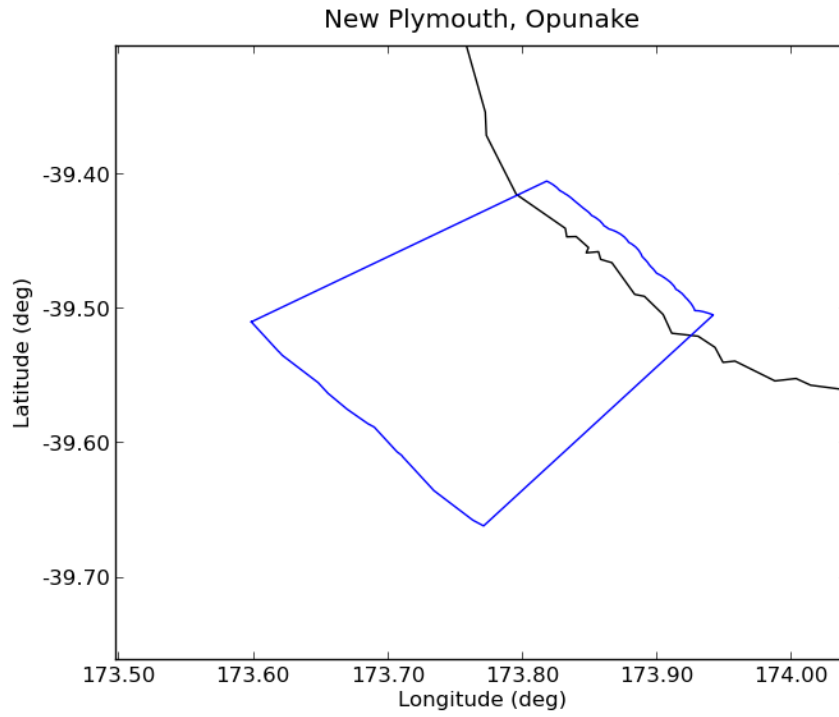
Deaggregation of Zone:106, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.0883 m



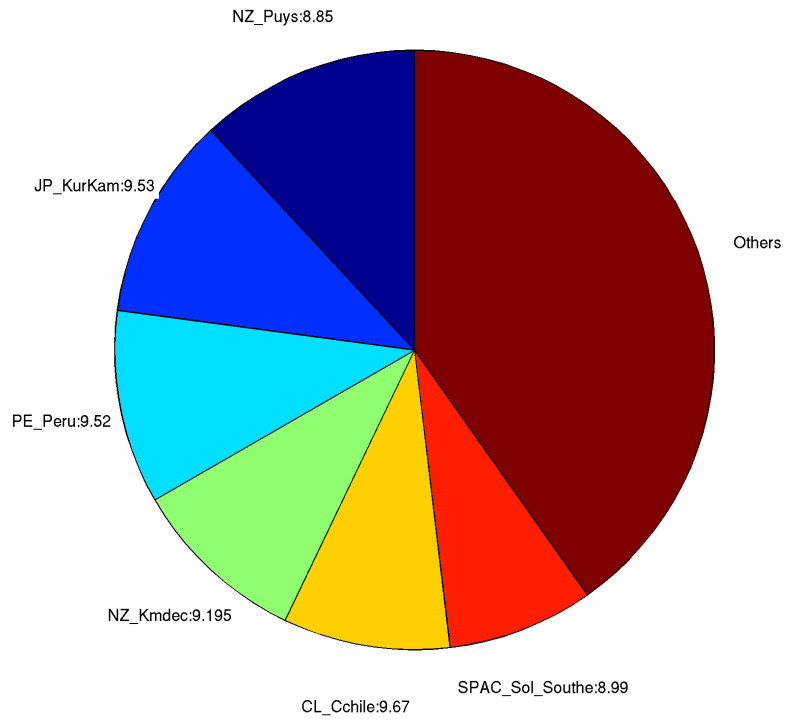
Deaggregation of Zone:106, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9579 m



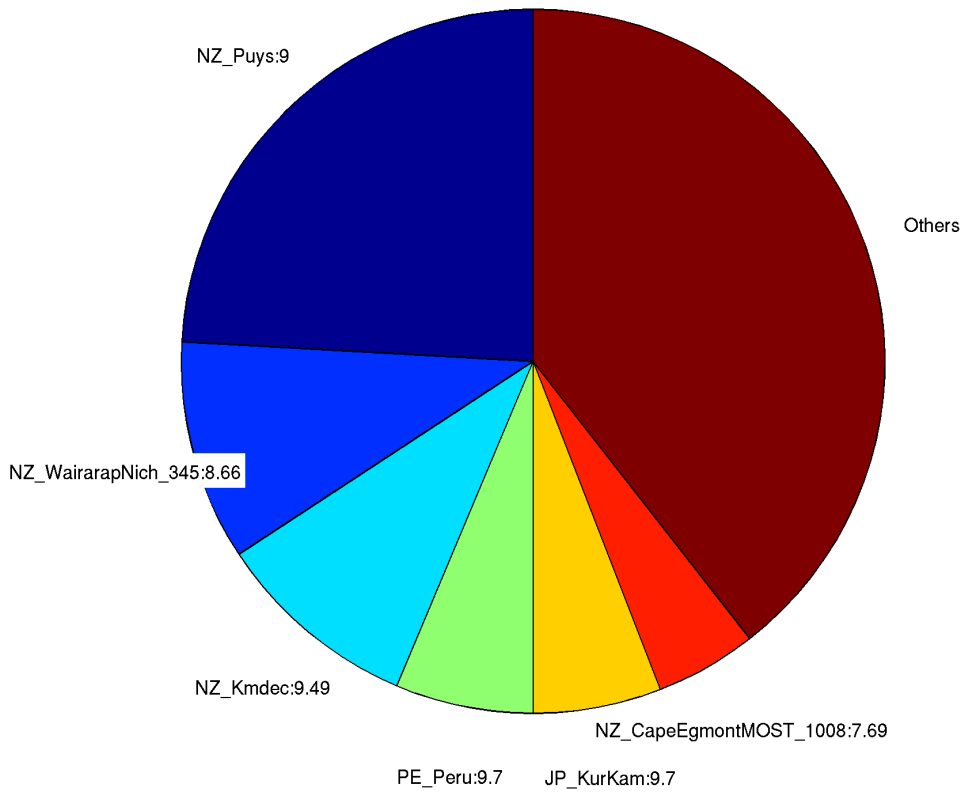
107. *Opunake*



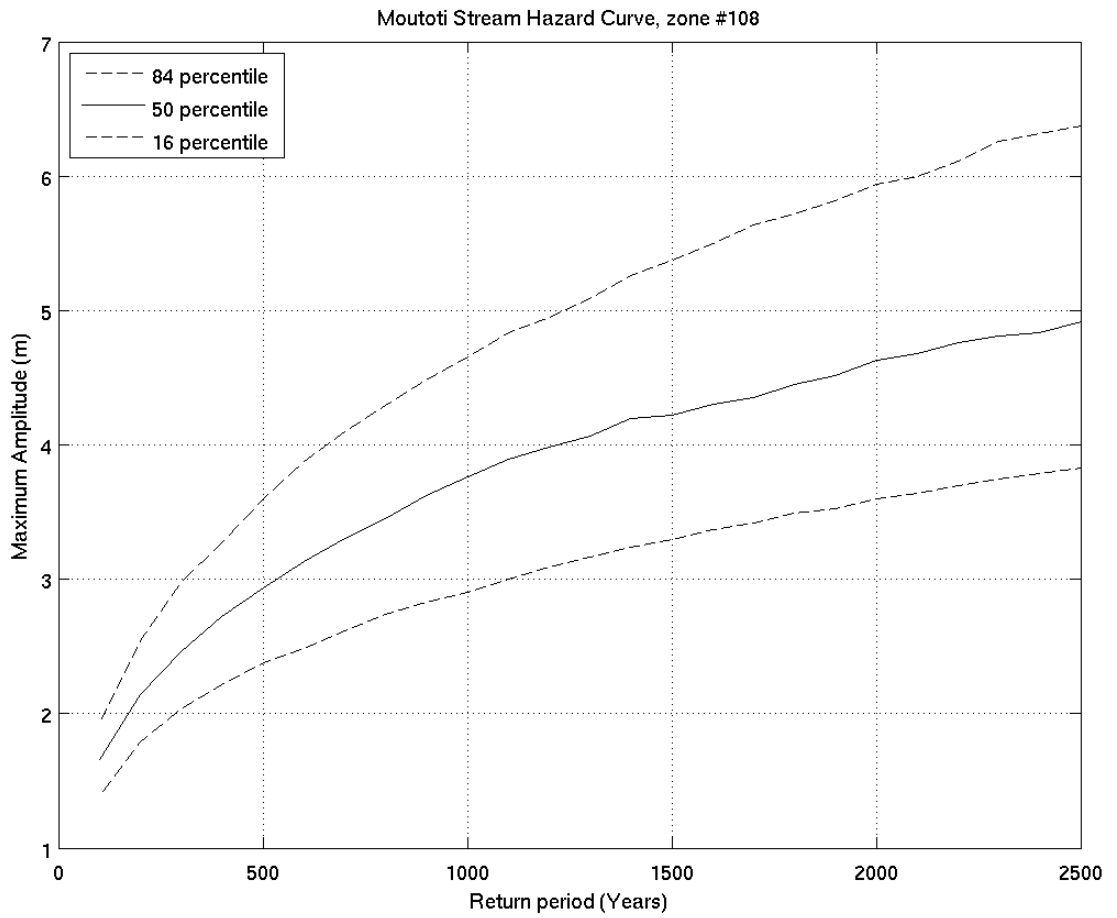
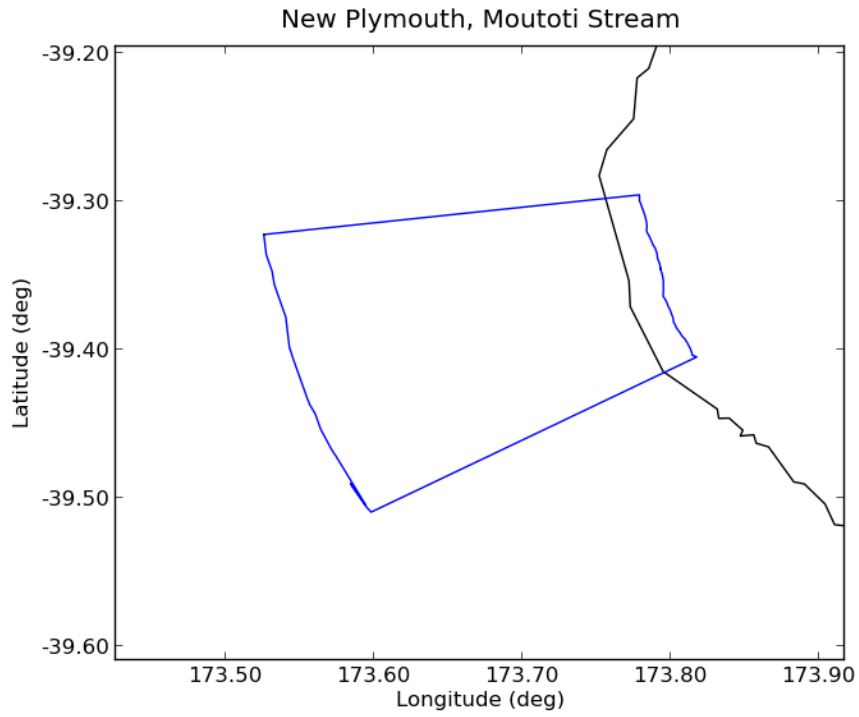
Deaggregation of Zone:107, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6827 m



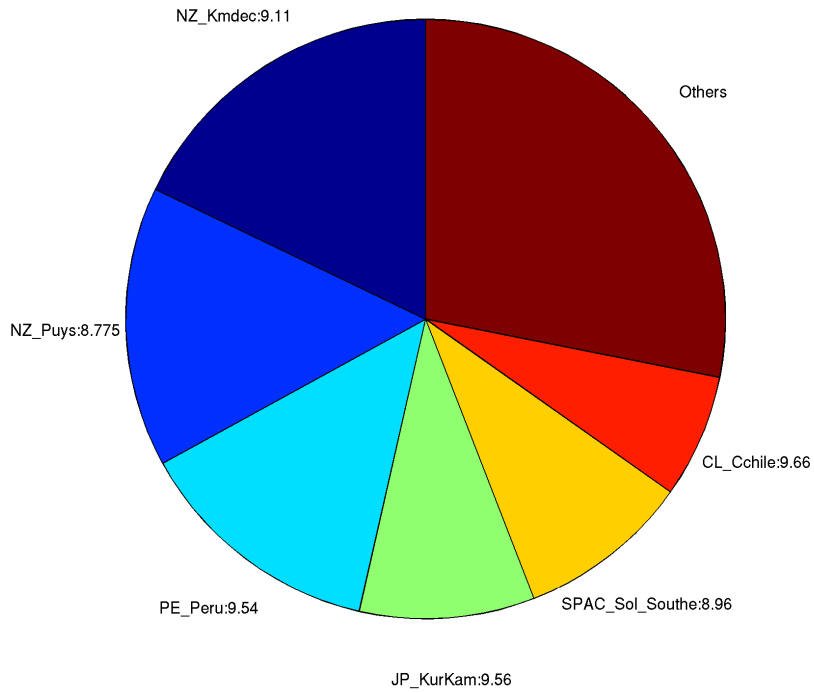
Deaggregation of Zone:107, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.44 m



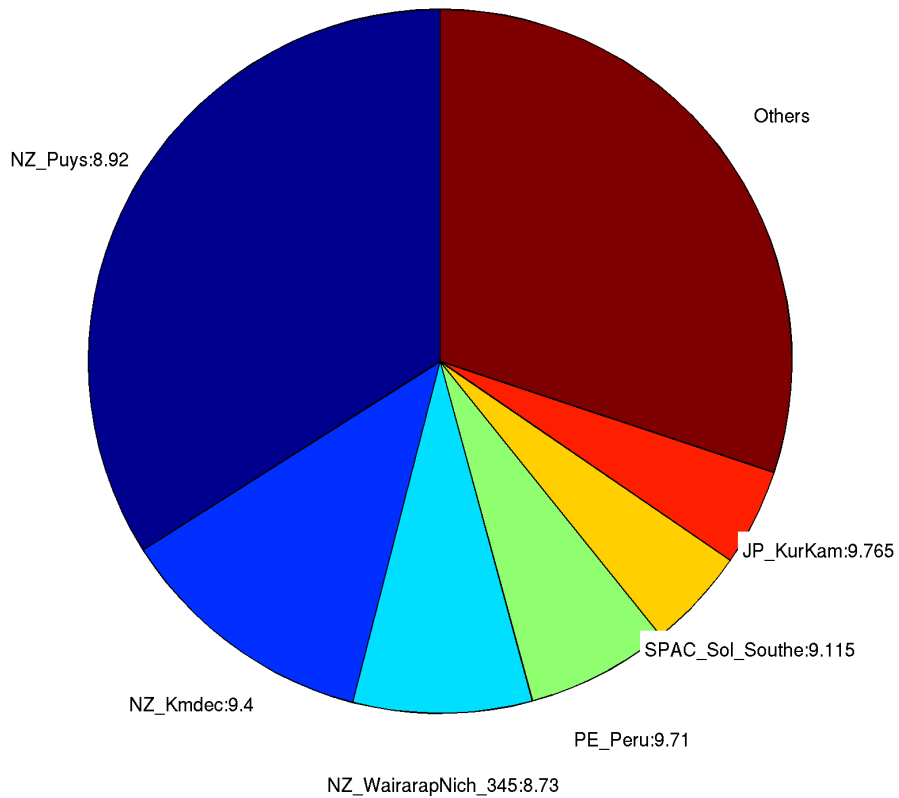
108. *Moutoti Stream*



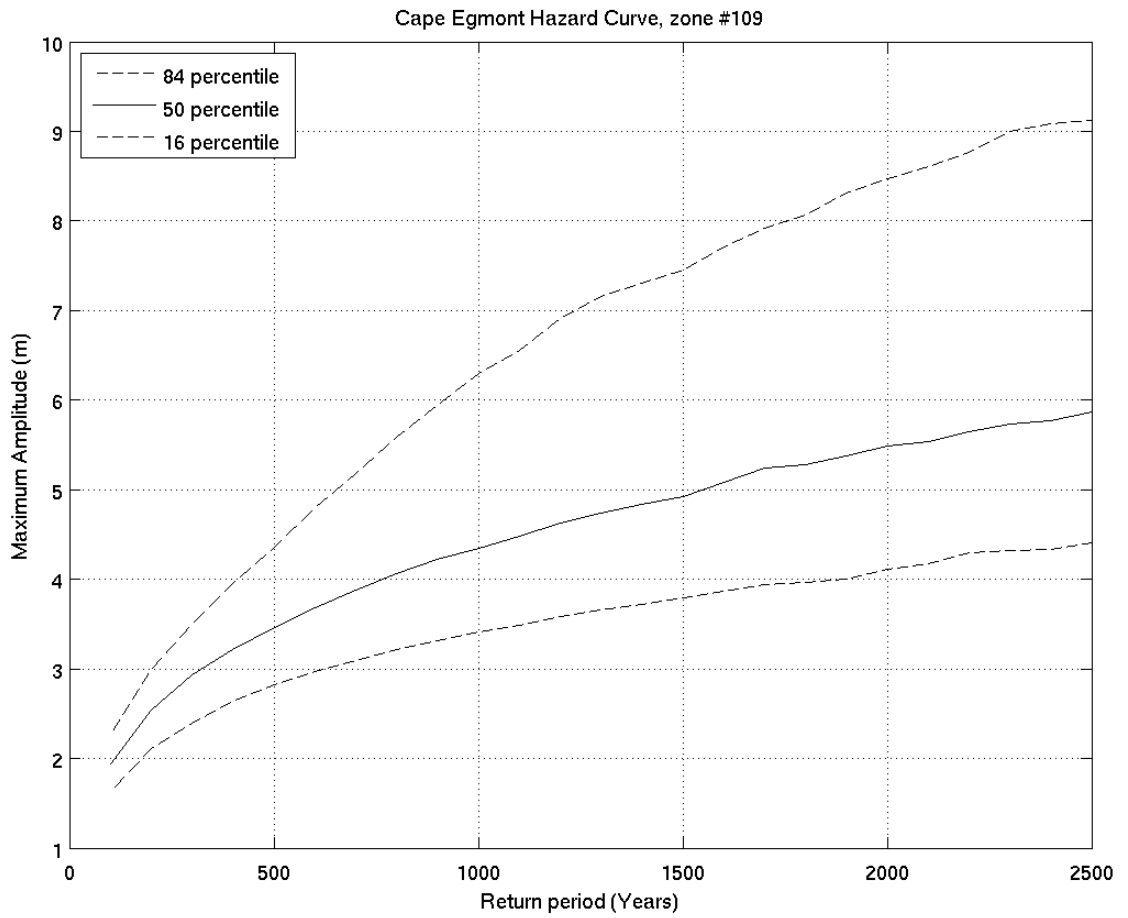
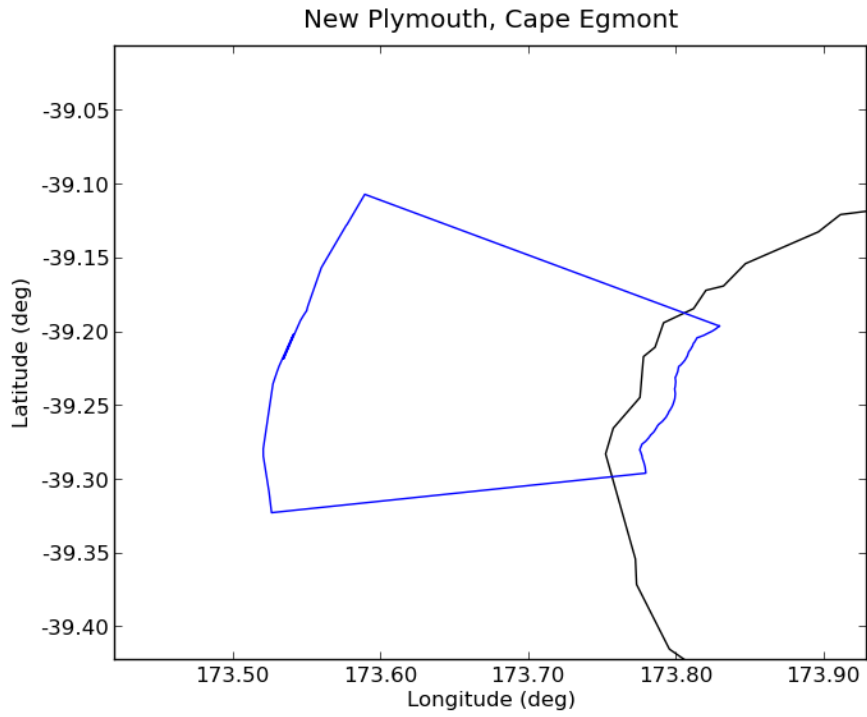
Deaggregation of Zone:108, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9344 m



Deaggregation of Zone:108, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9092 m

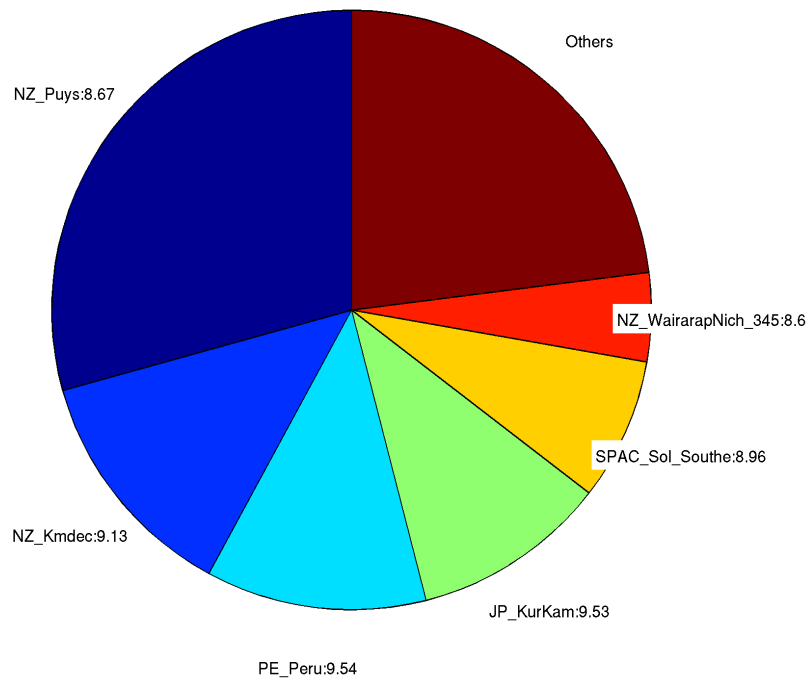


109. **Cape Egmont**

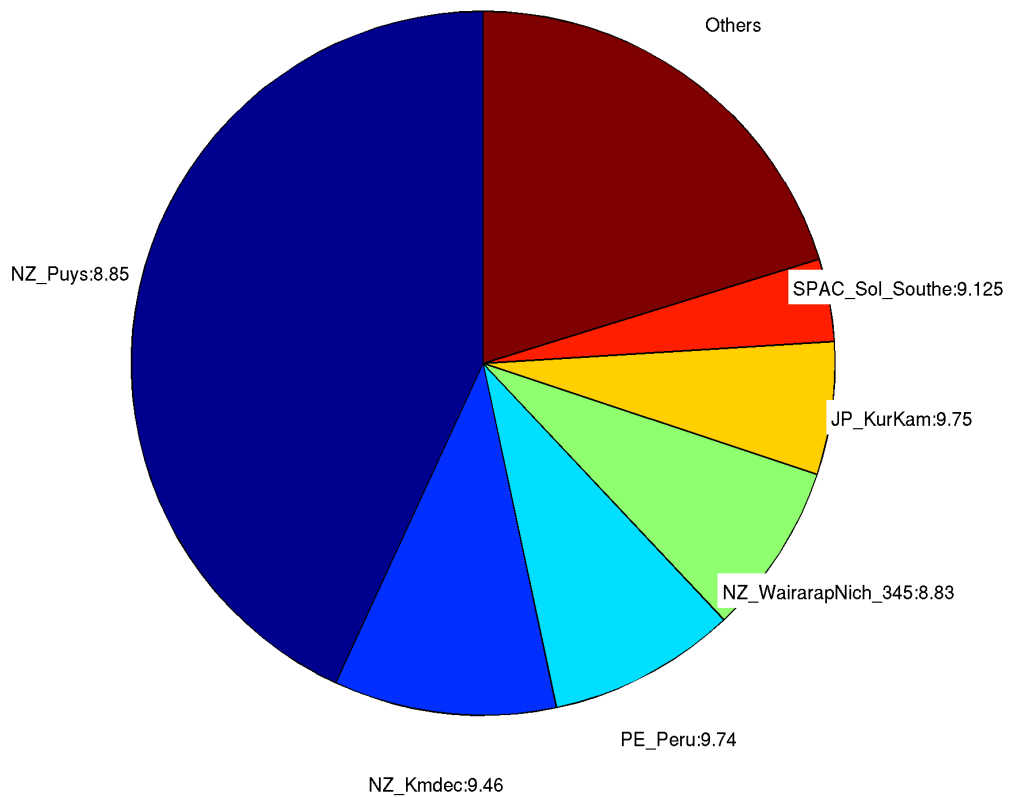




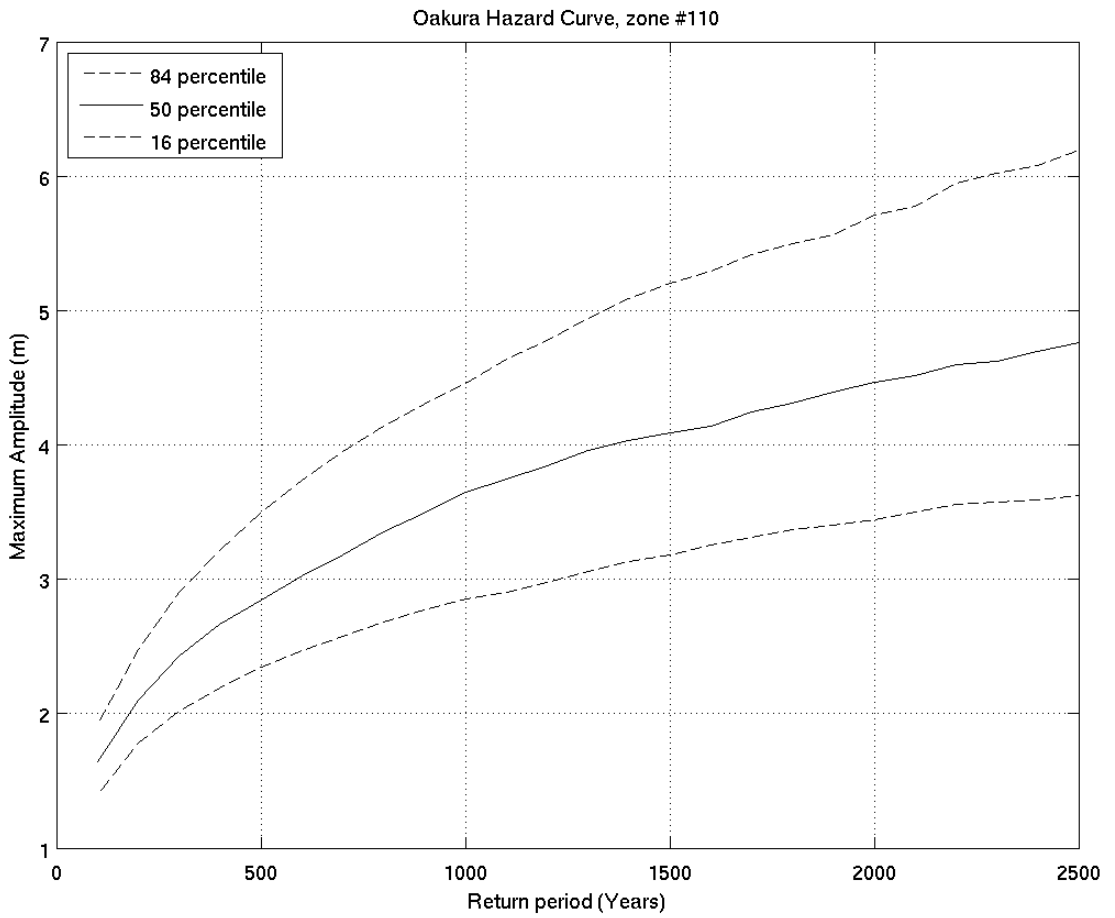
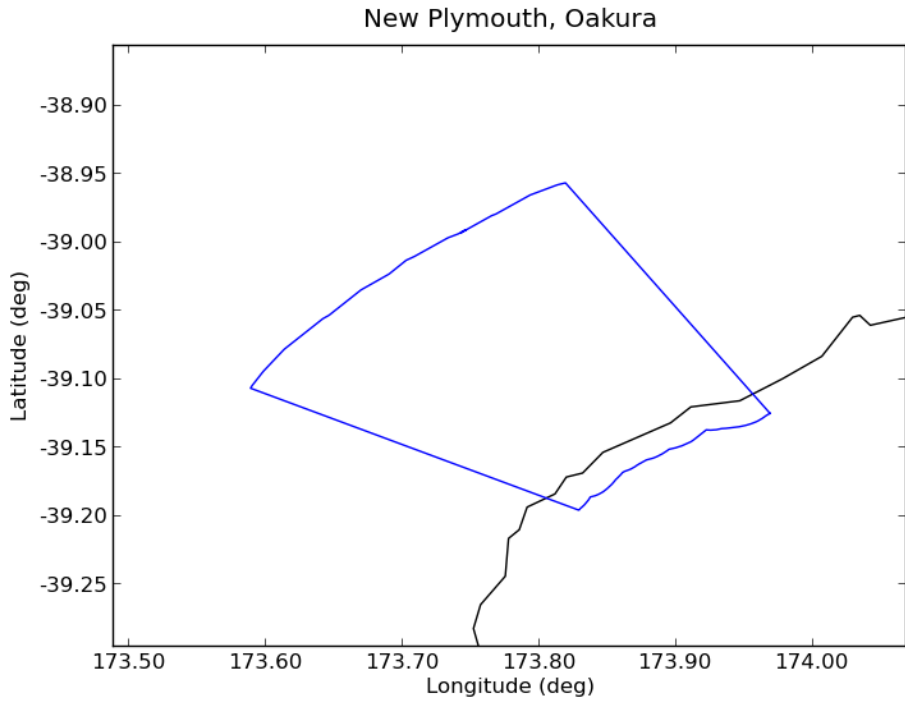
Deaggregation of Zone:109, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.4576 m



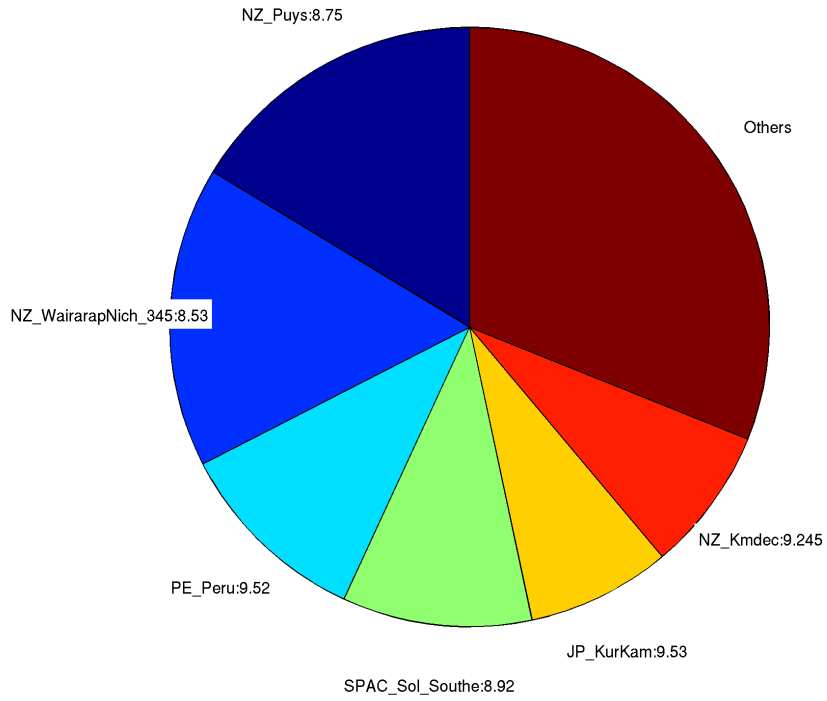
Deaggregation of Zone:109, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8538 m



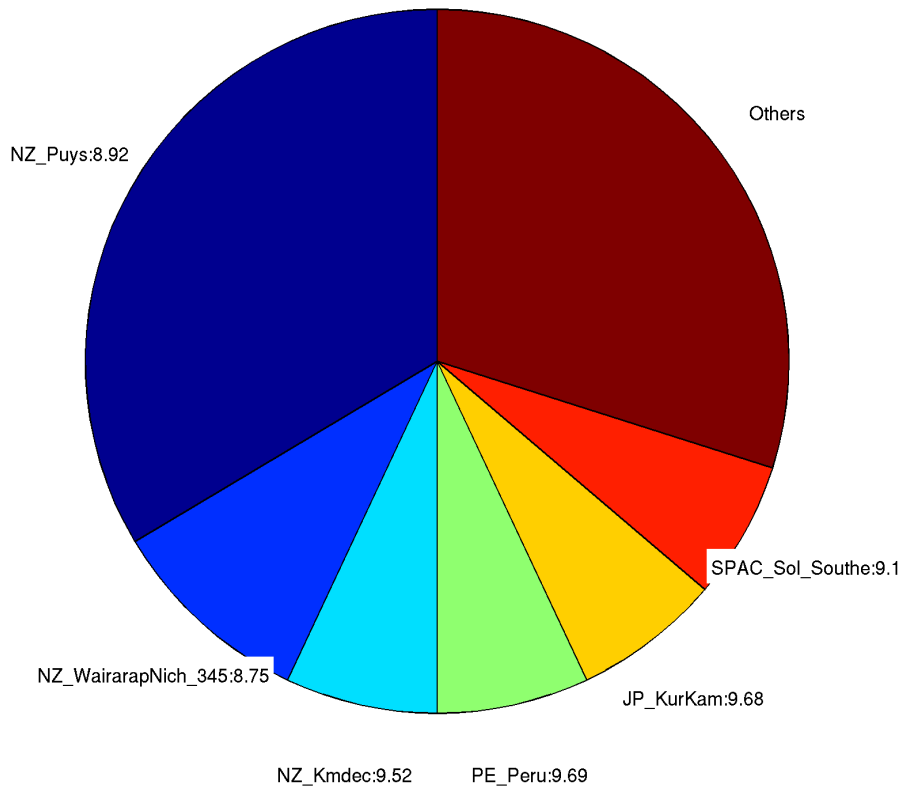
110. **Oakura**



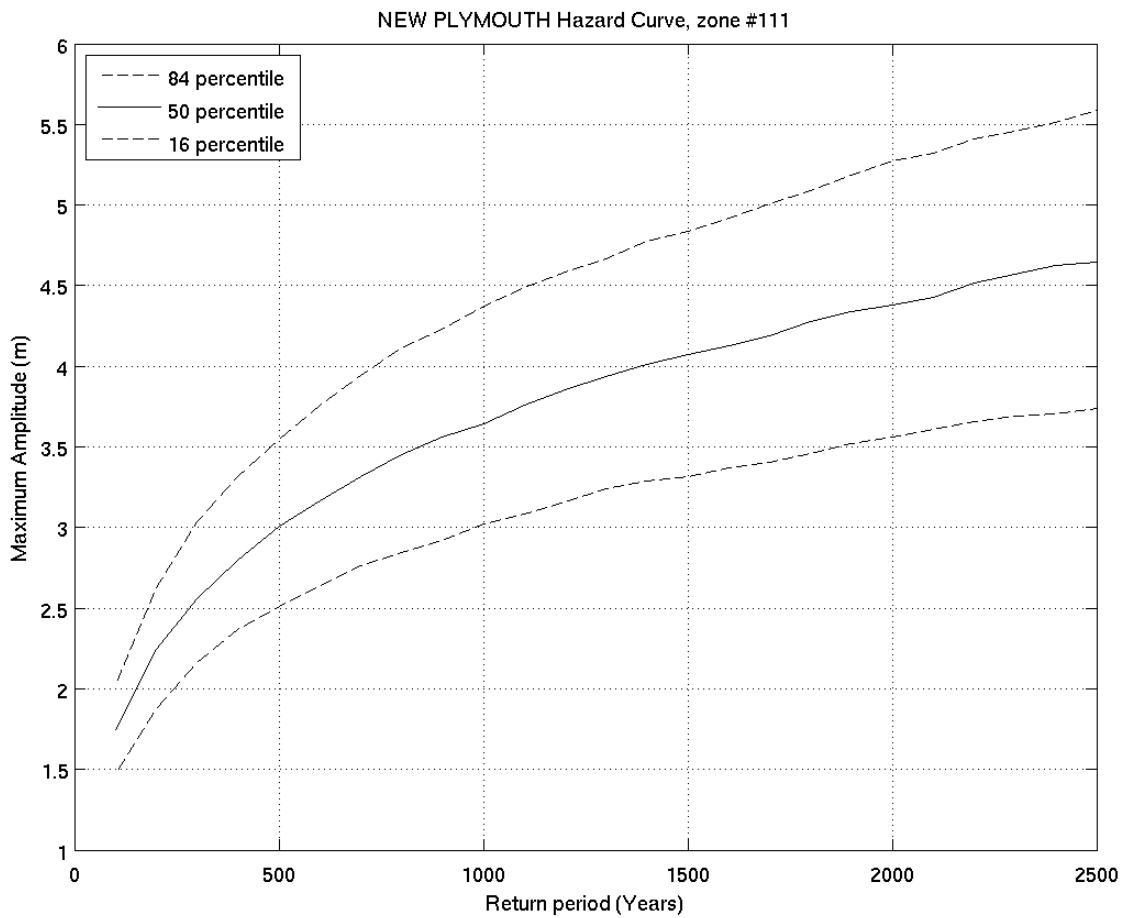
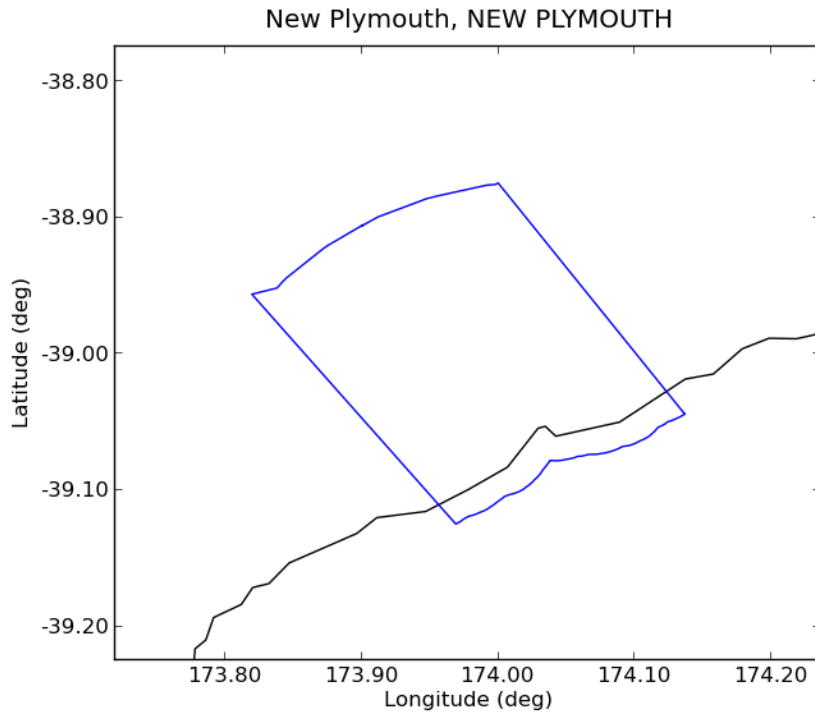
Deaggregation of Zone:110, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.8438 m



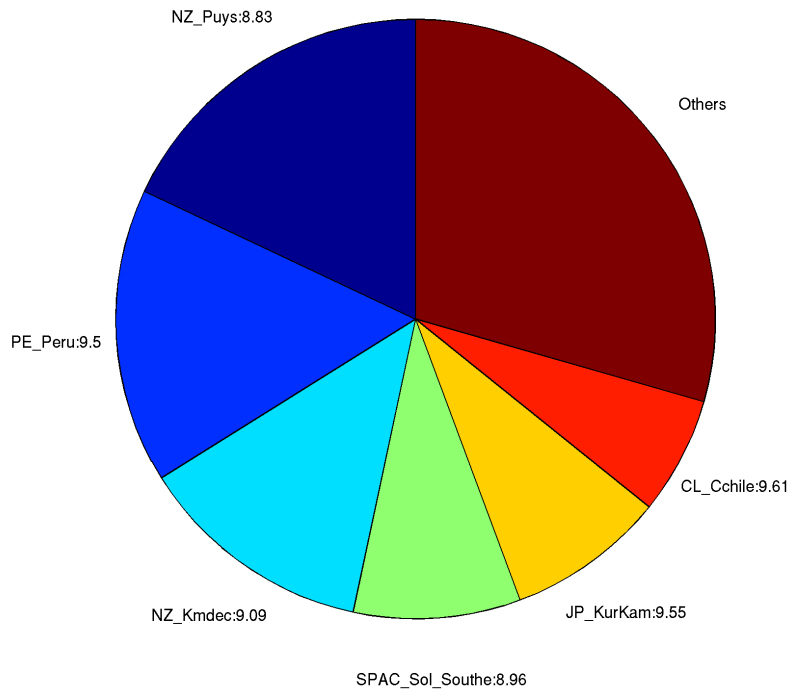
Deaggregation of Zone:110, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7501 m



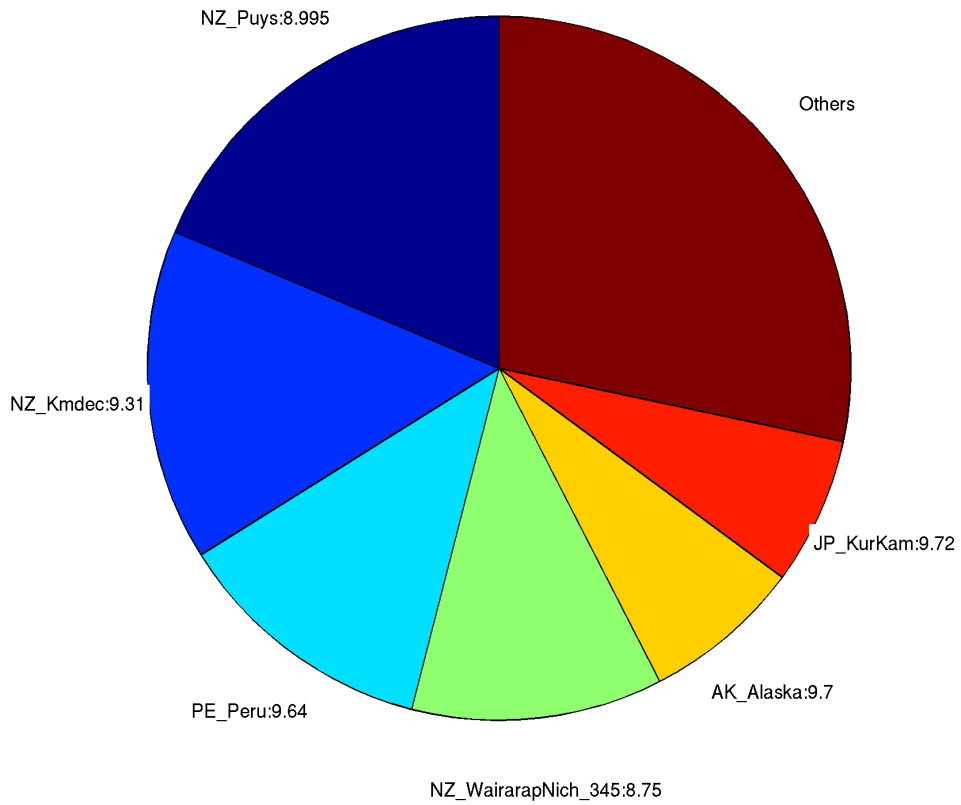
# 111. NEW PLYMOUTH



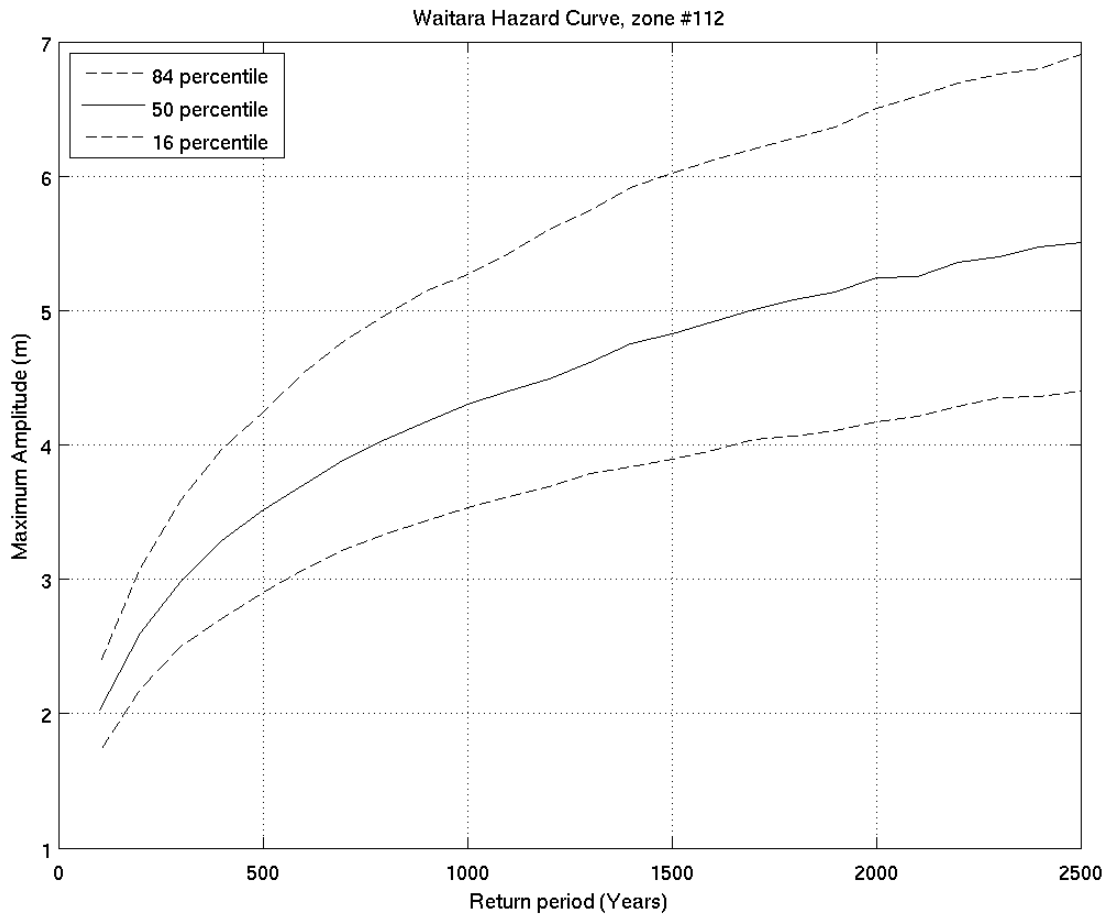
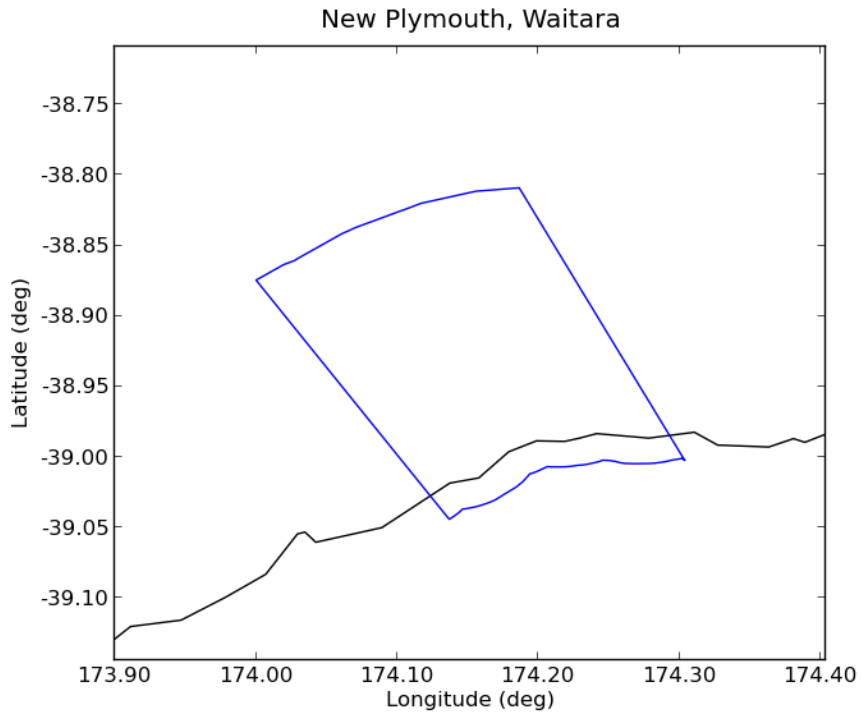
Deaggregation of Zone:111, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.0083 m



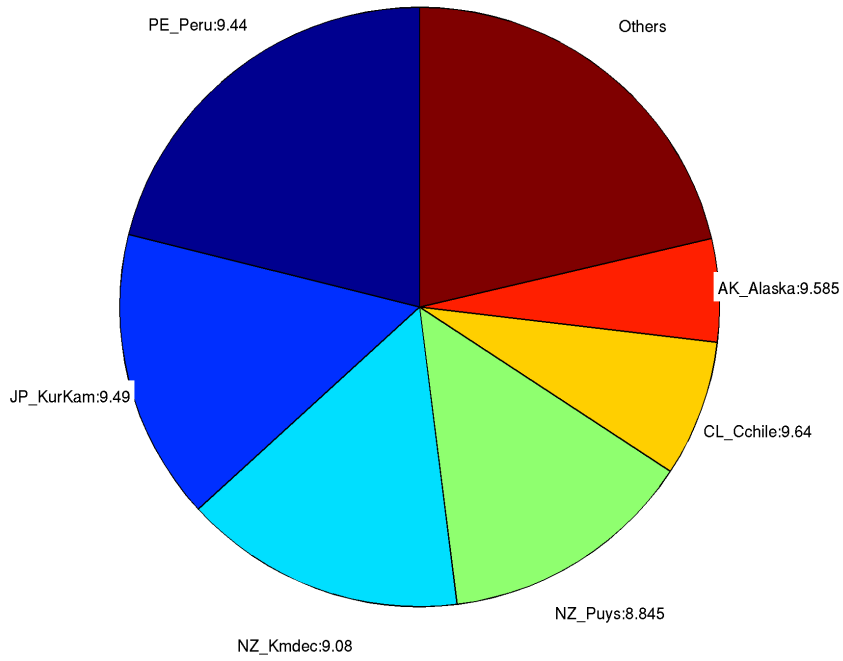
Deaggregation of Zone:111, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6414 m



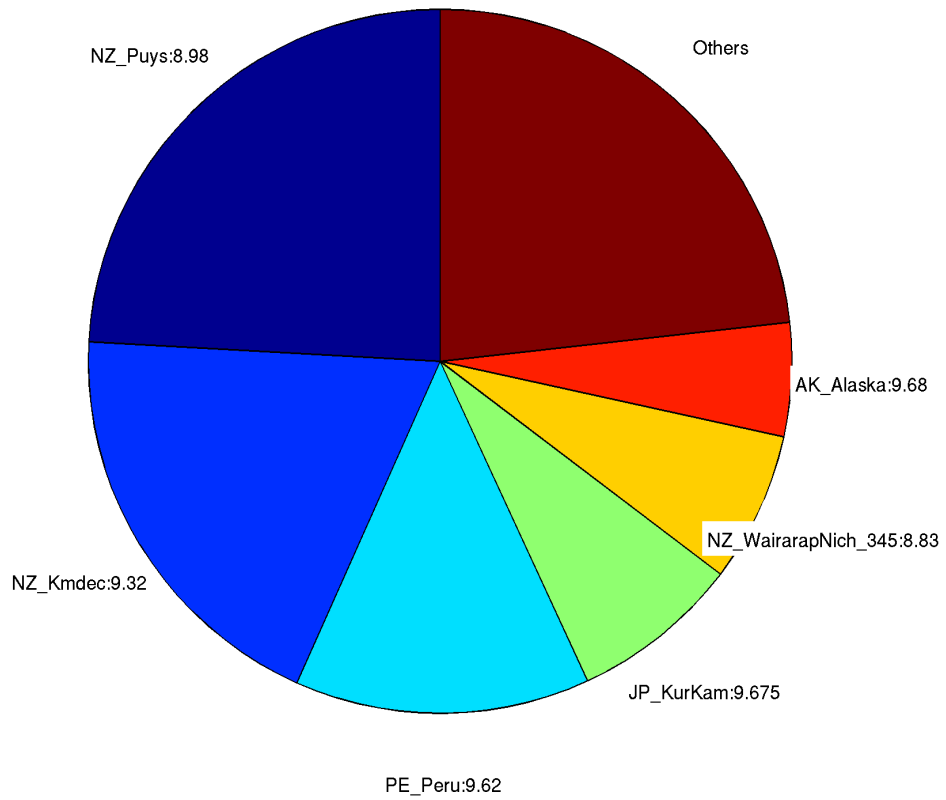
112. *Waitara*



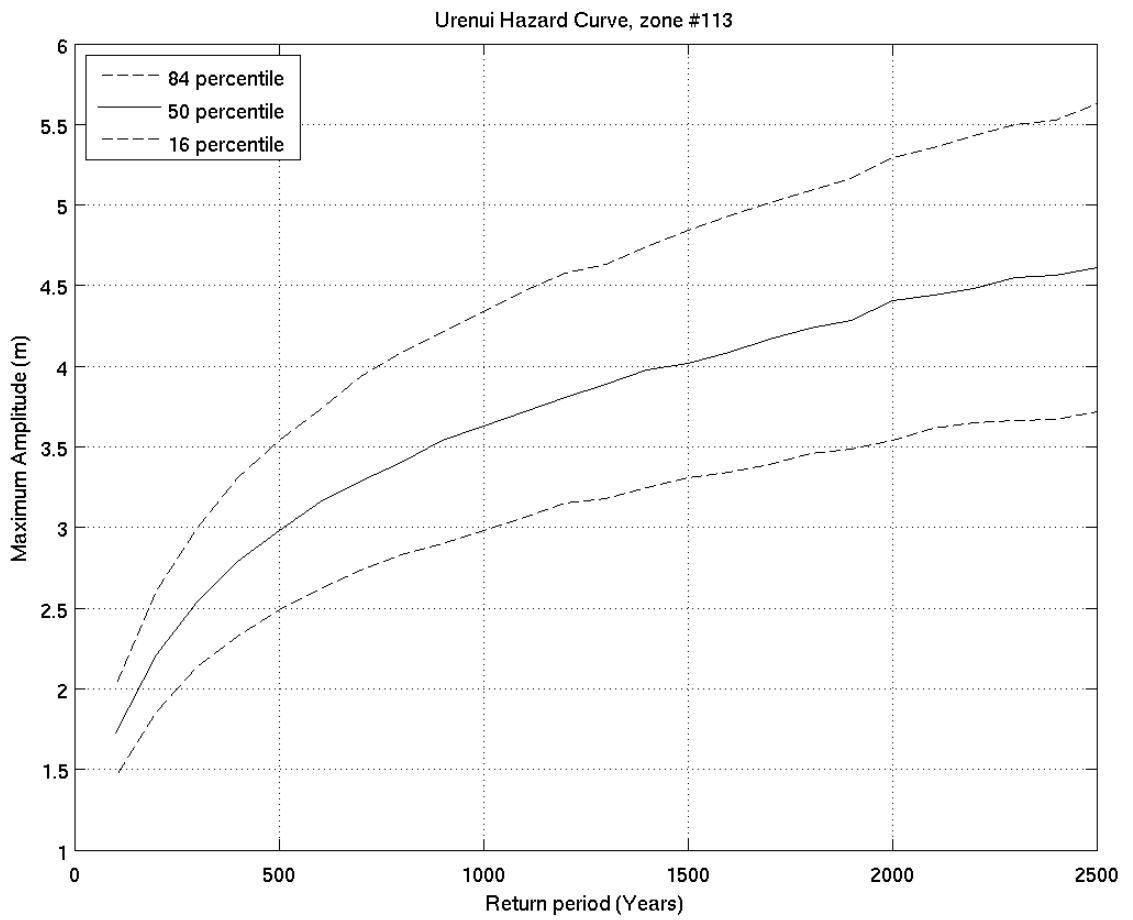
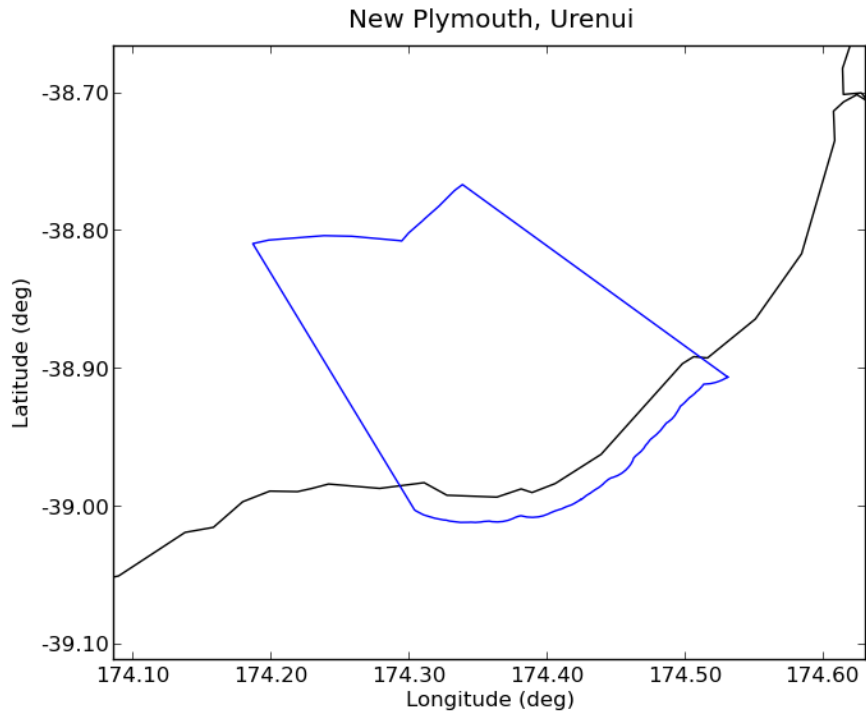
Deaggregation of Zone:112, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5088 m



Deaggregation of Zone:112, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.5073 m

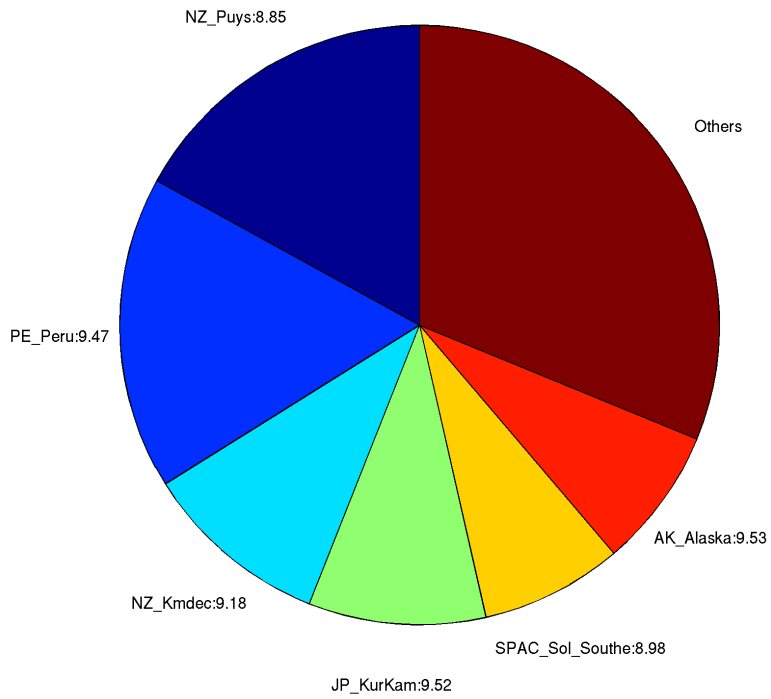


113. *Urenui*

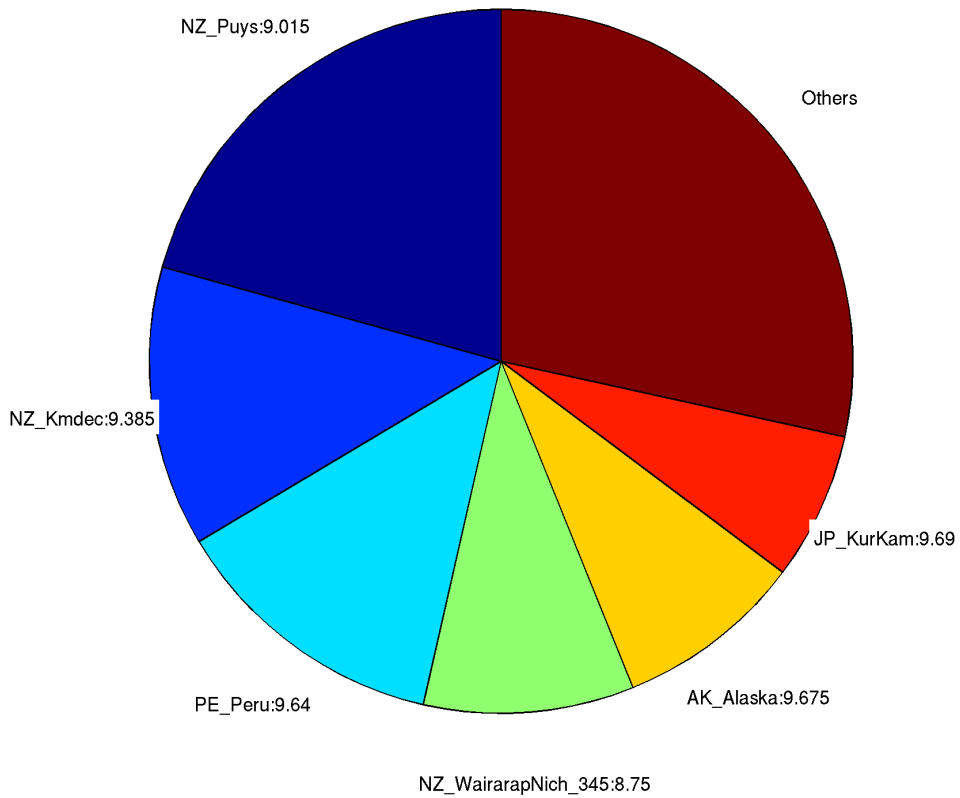




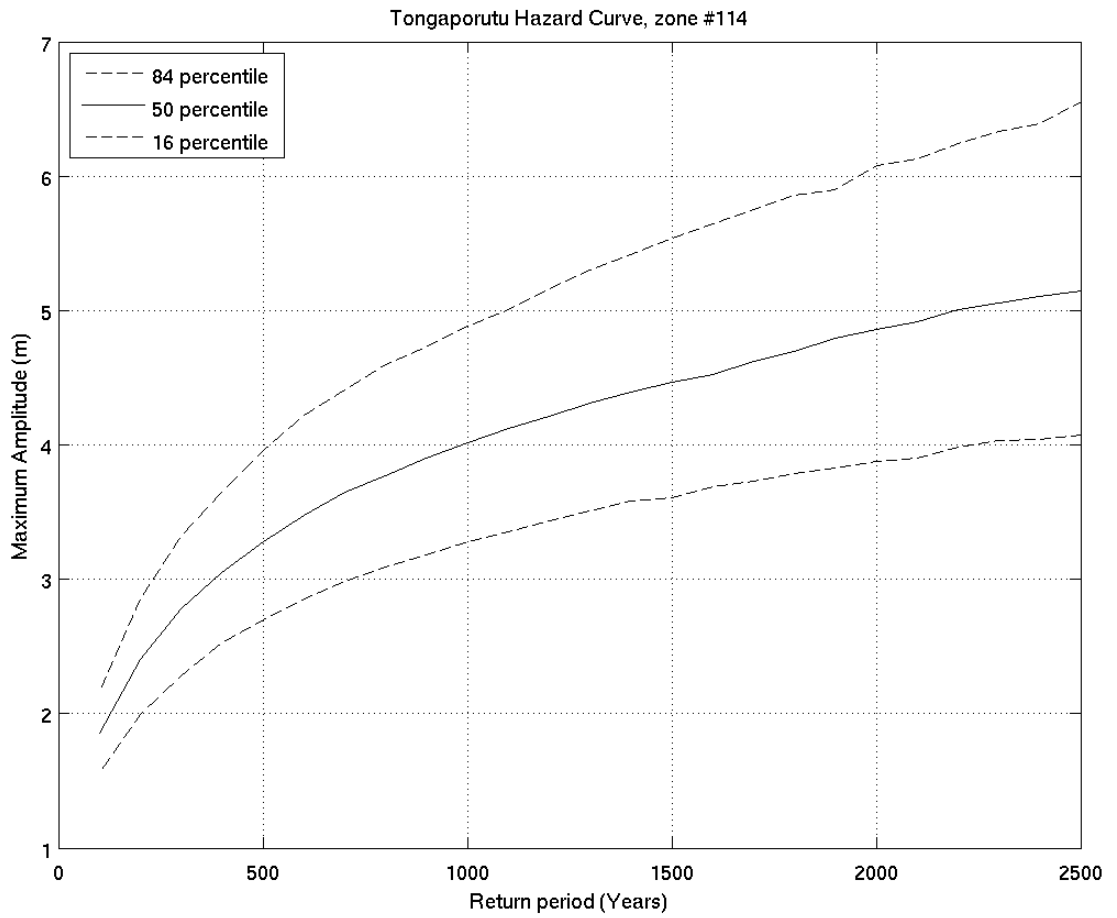
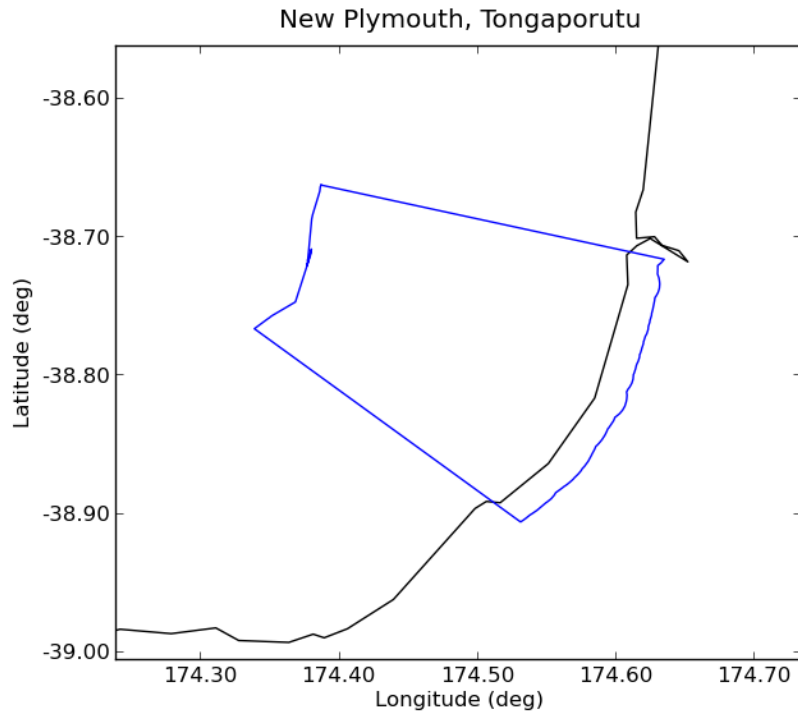
Deaggregation of Zone:113, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9814 m



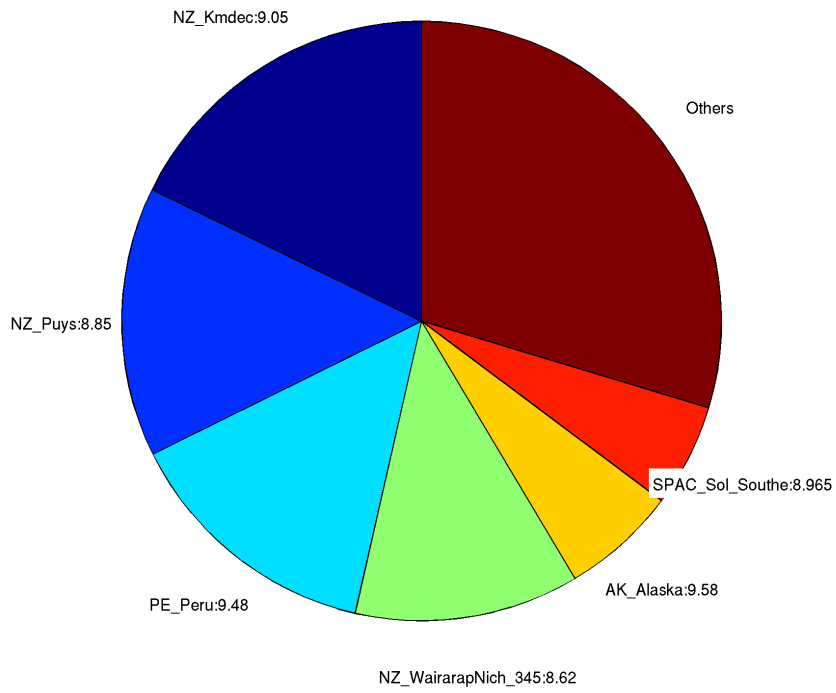
Deaggregation of Zone:113, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5974 m



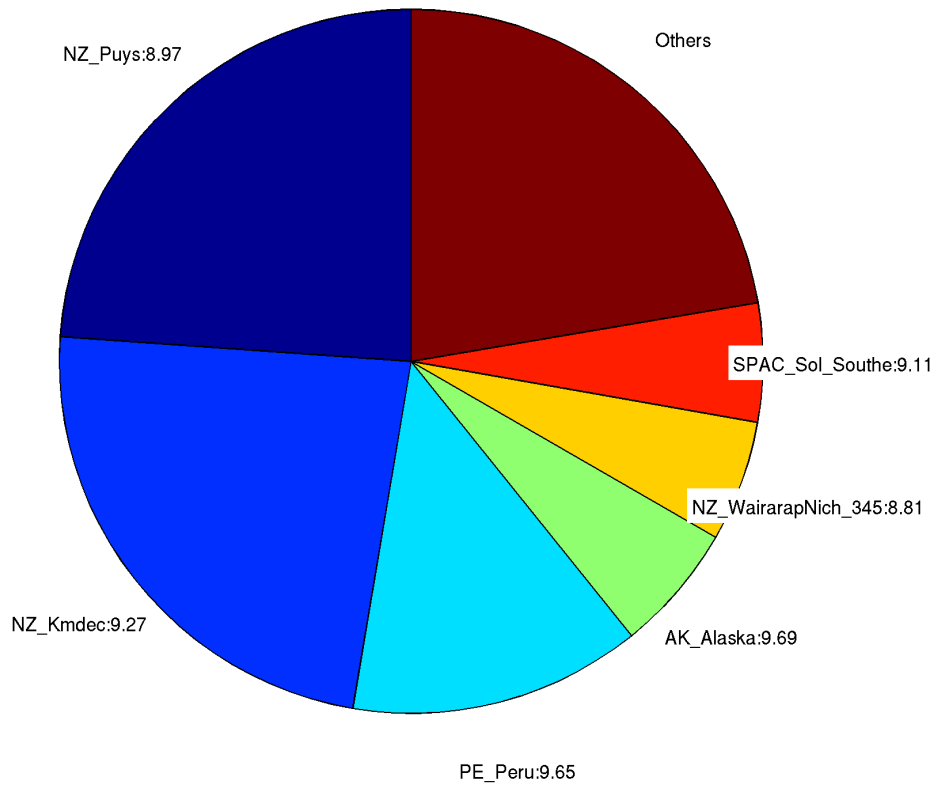
# 114. Tongaporutu



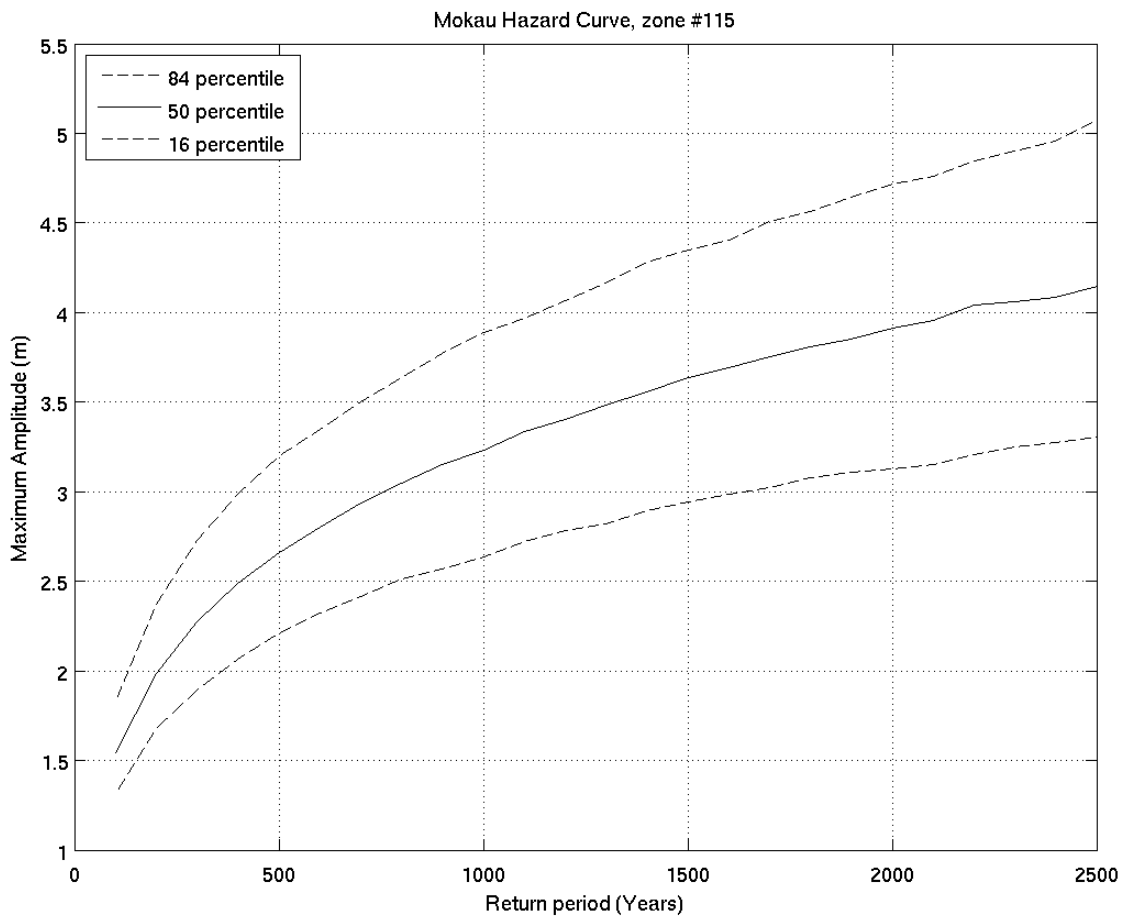
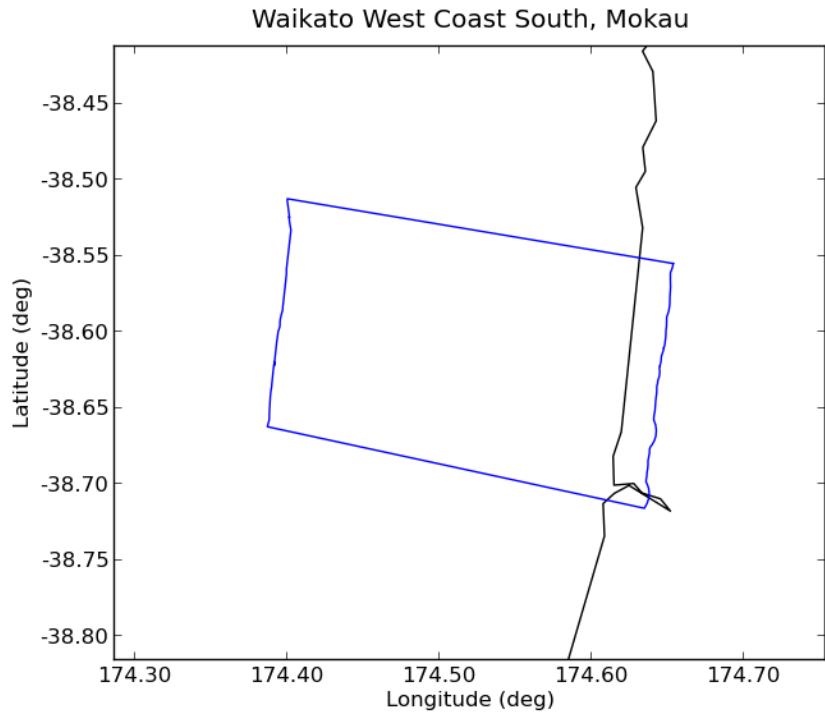
Deaggregation of Zone:114, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.2761 m



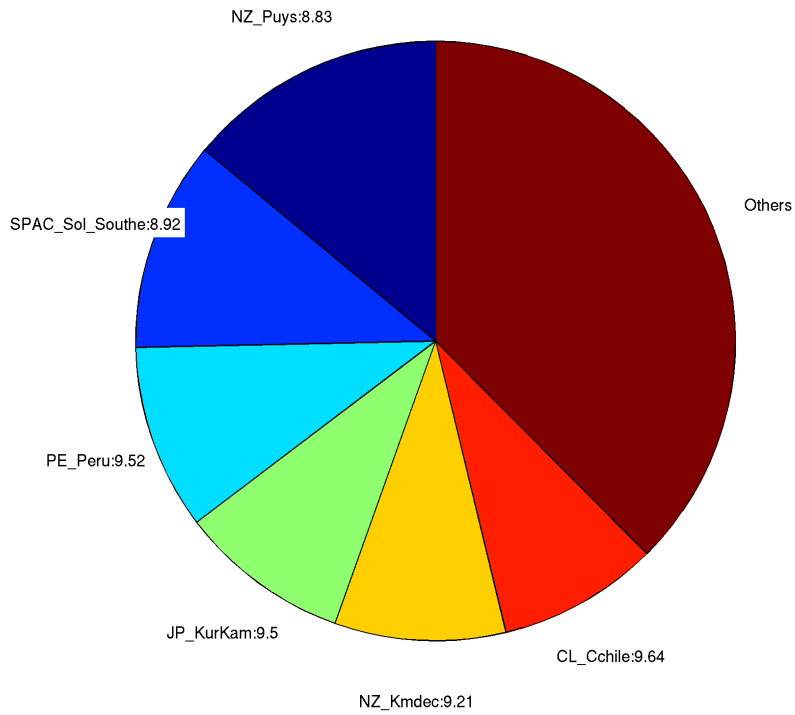
Deaggregation of Zone:114, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1302 m



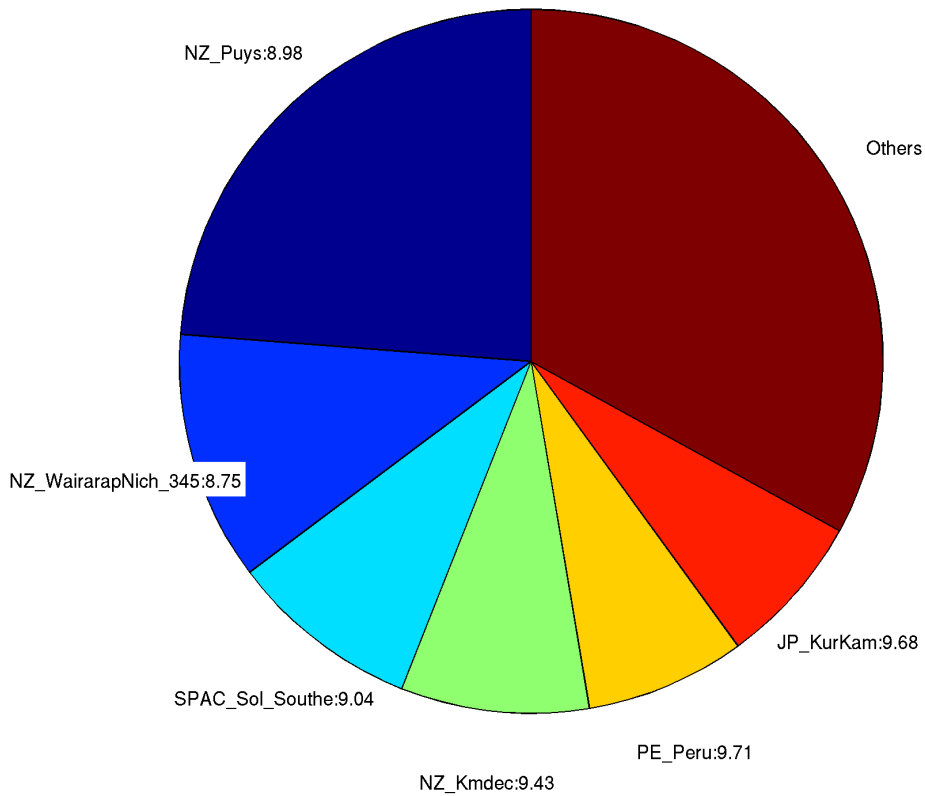
115. *Mokau*



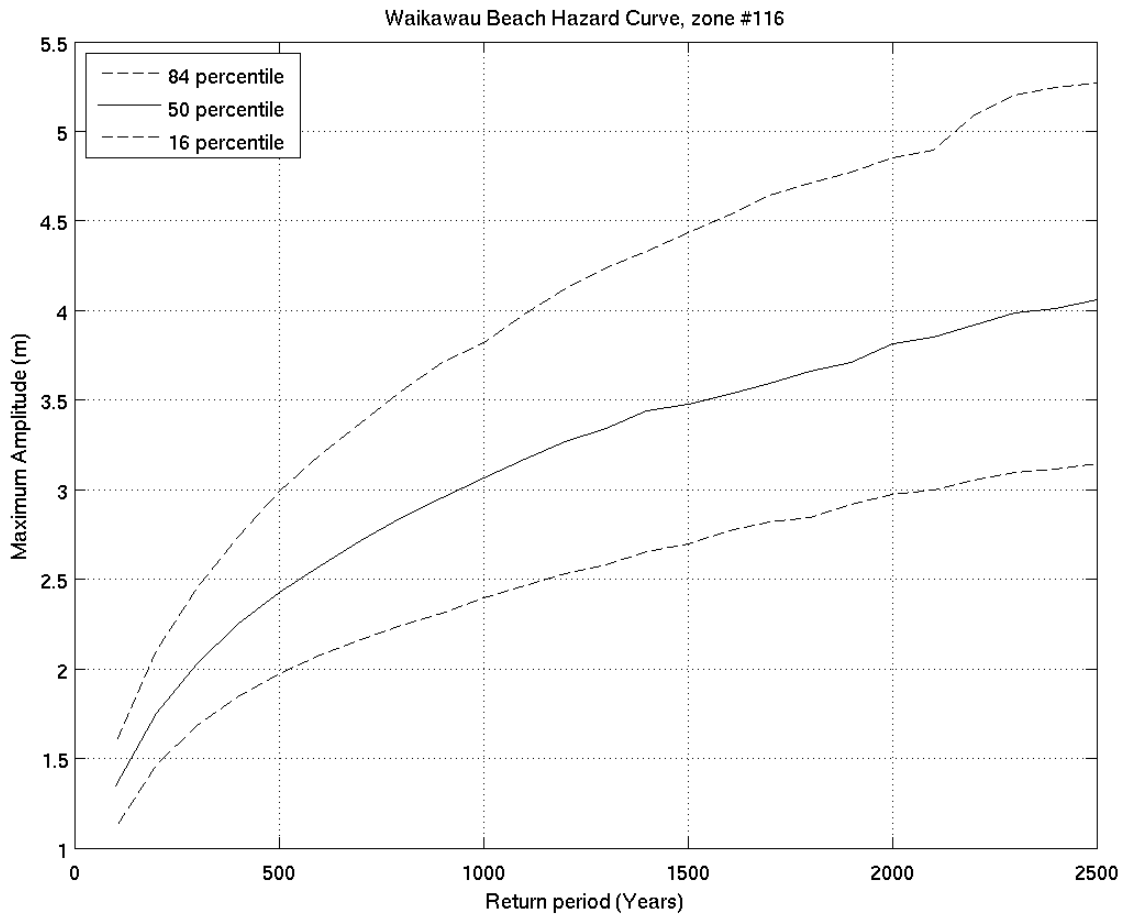
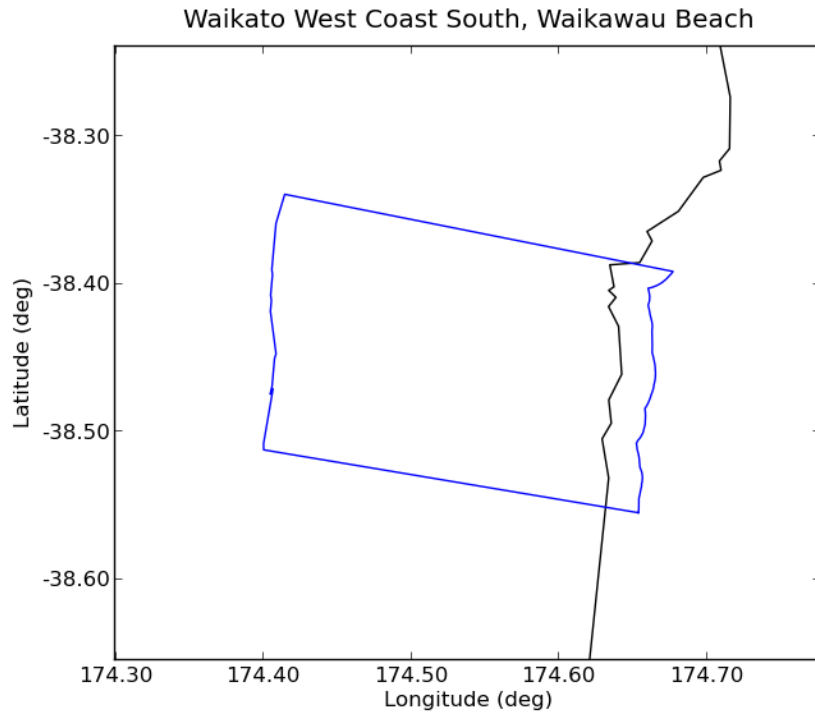
Deaggregation of Zone:115, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6571 m



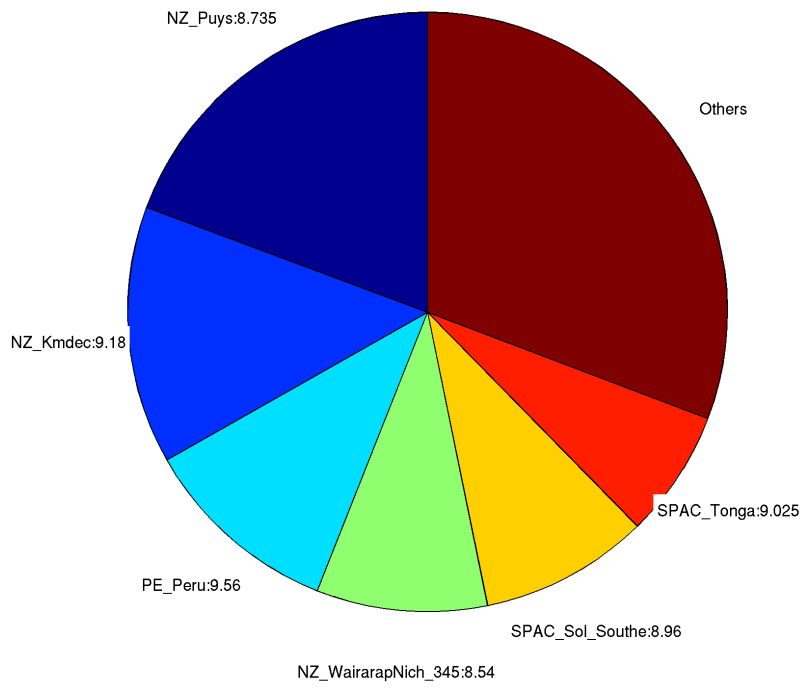
Deaggregation of Zone:115, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1453 m



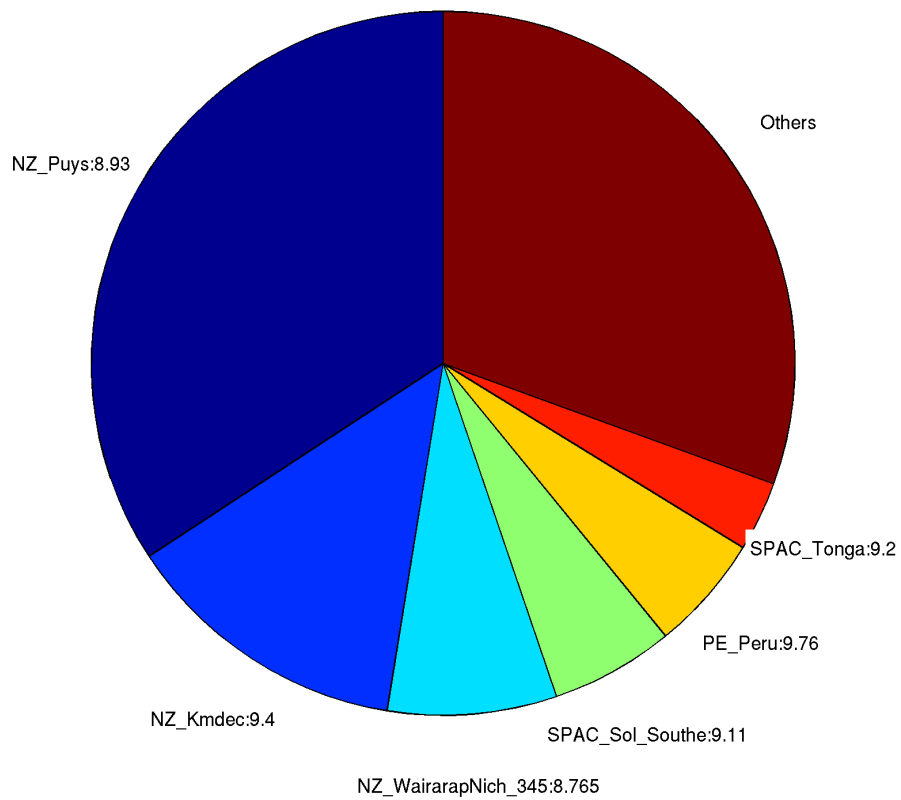
116. *Waikawau Beach*



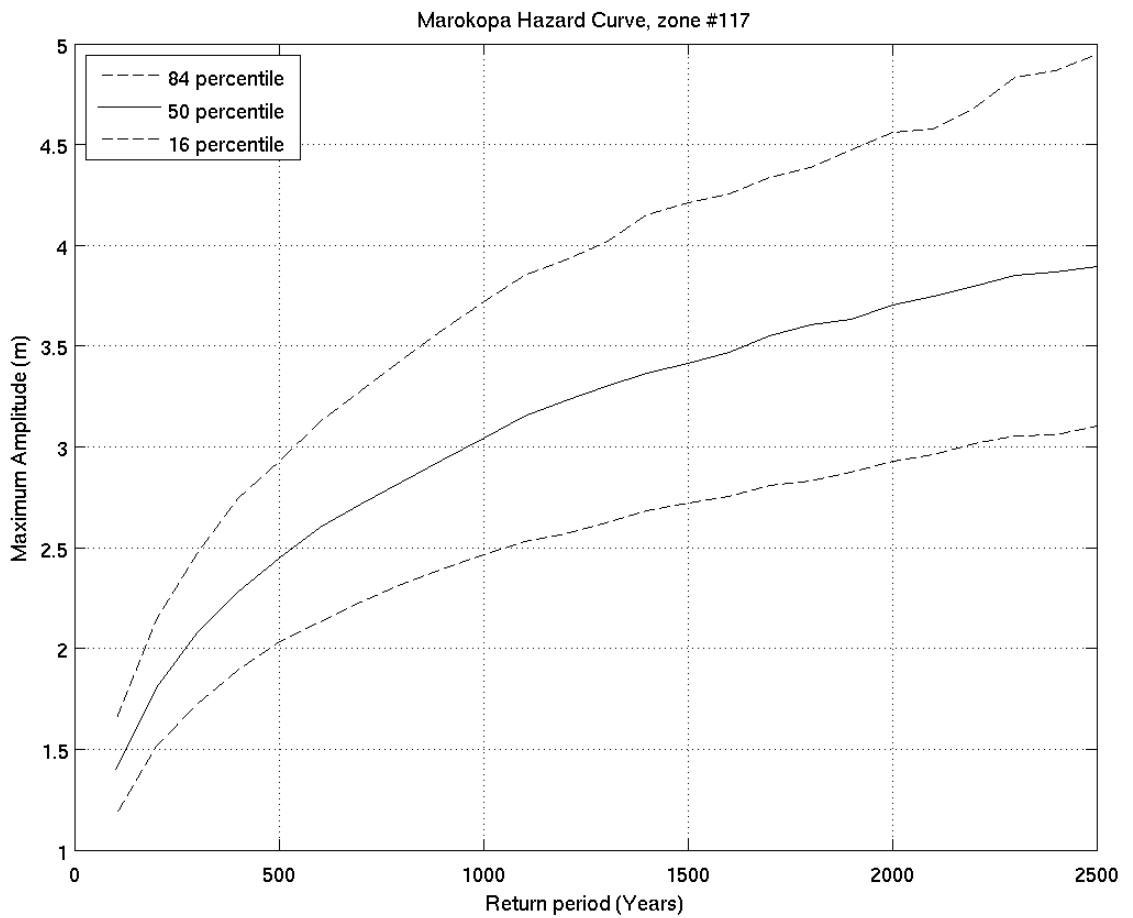
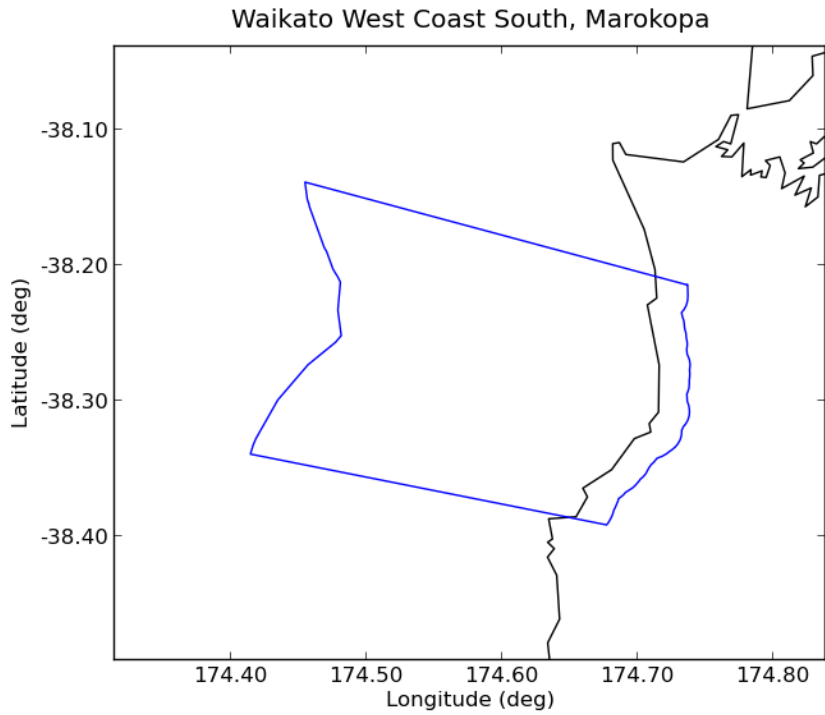
Deaggregation of Zone:116, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.4239 m



Deaggregation of Zone:116, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0564 m

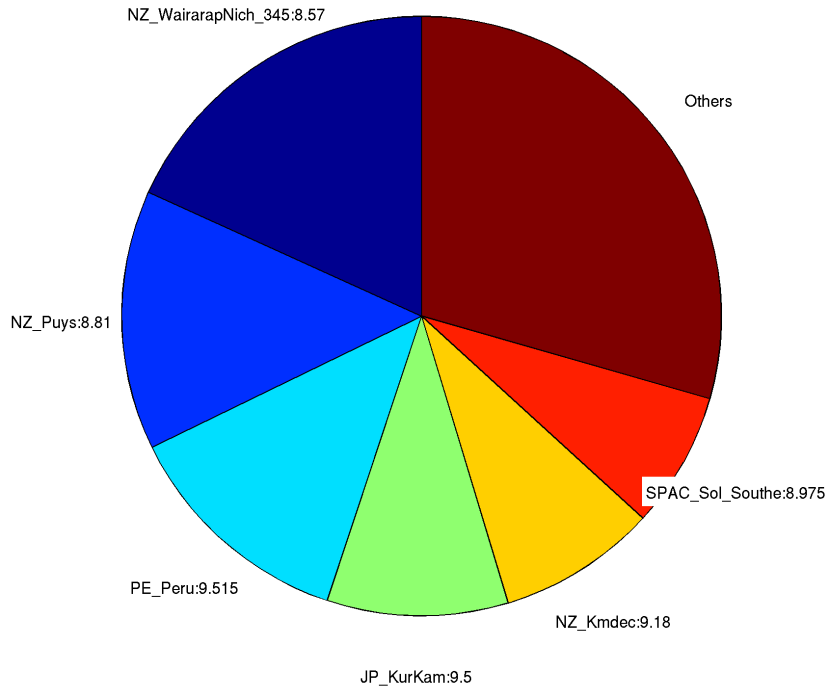


117. *Marokopa*

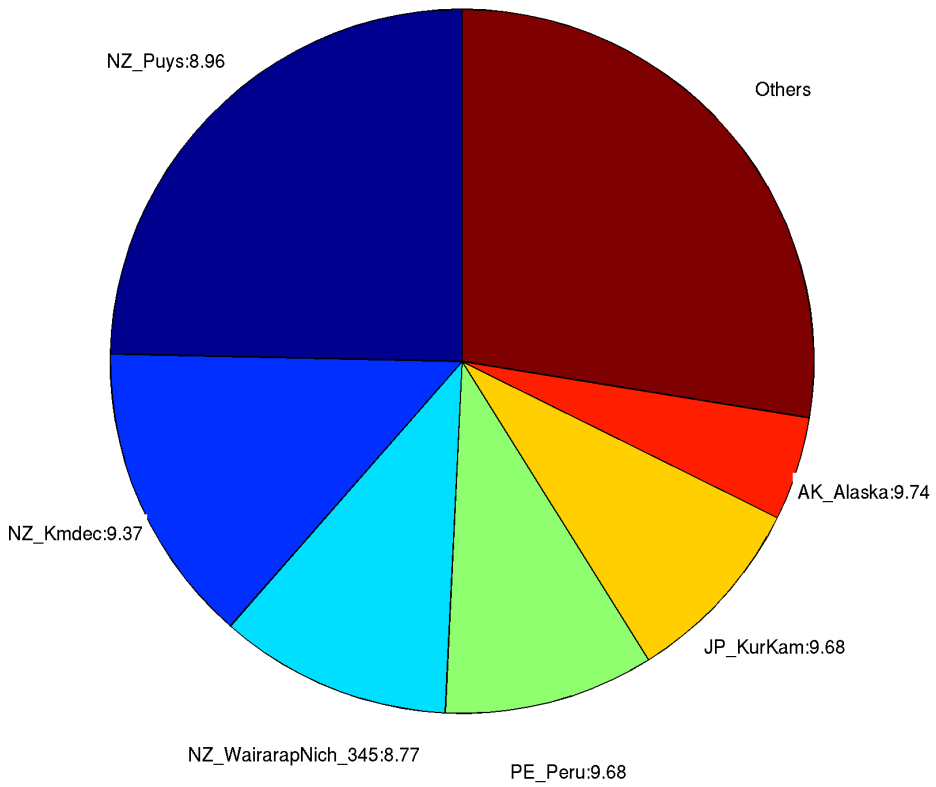




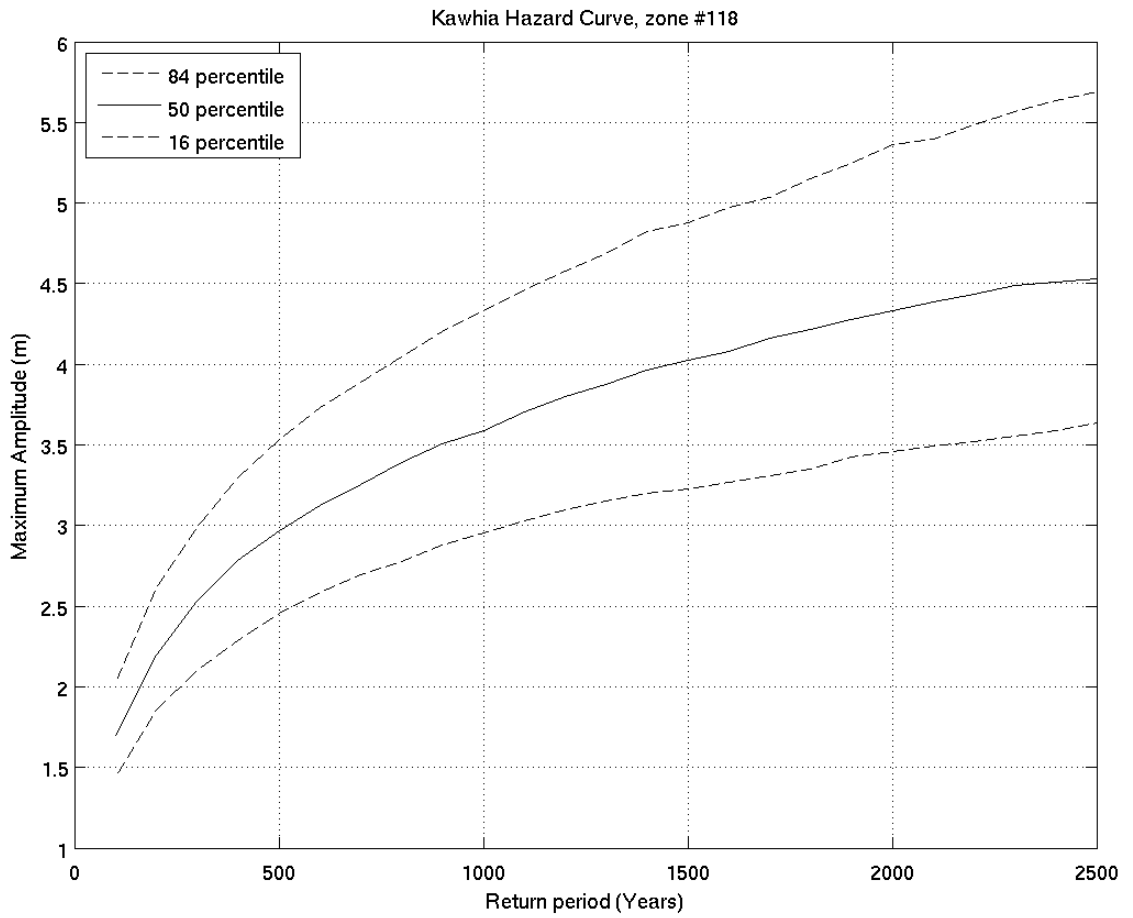
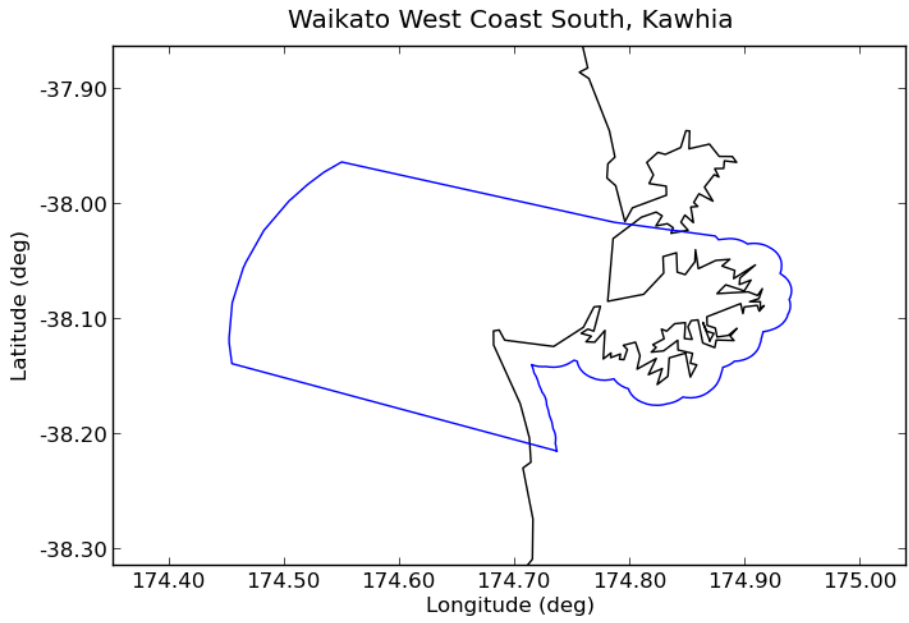
Deaggregation of Zone:117, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.4482 m



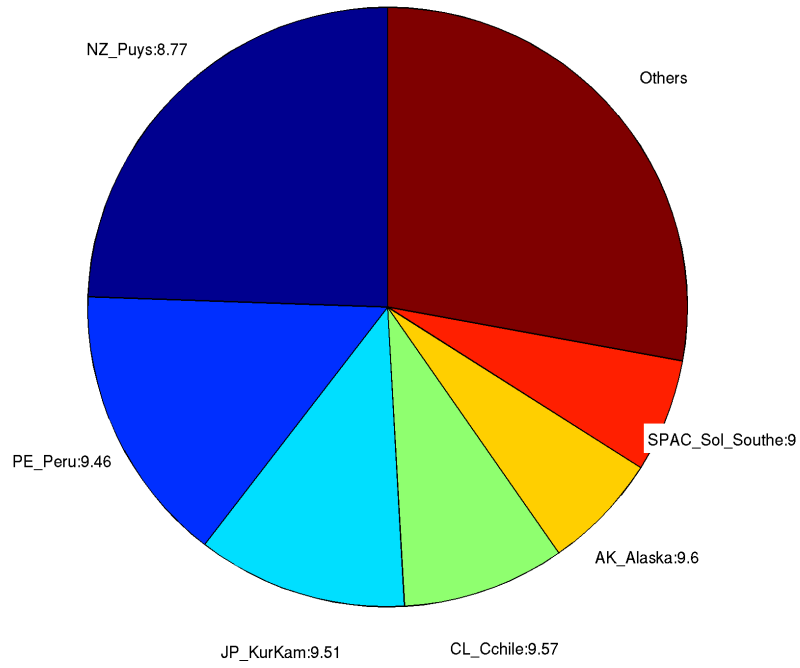
Deaggregation of Zone:117, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8901 m



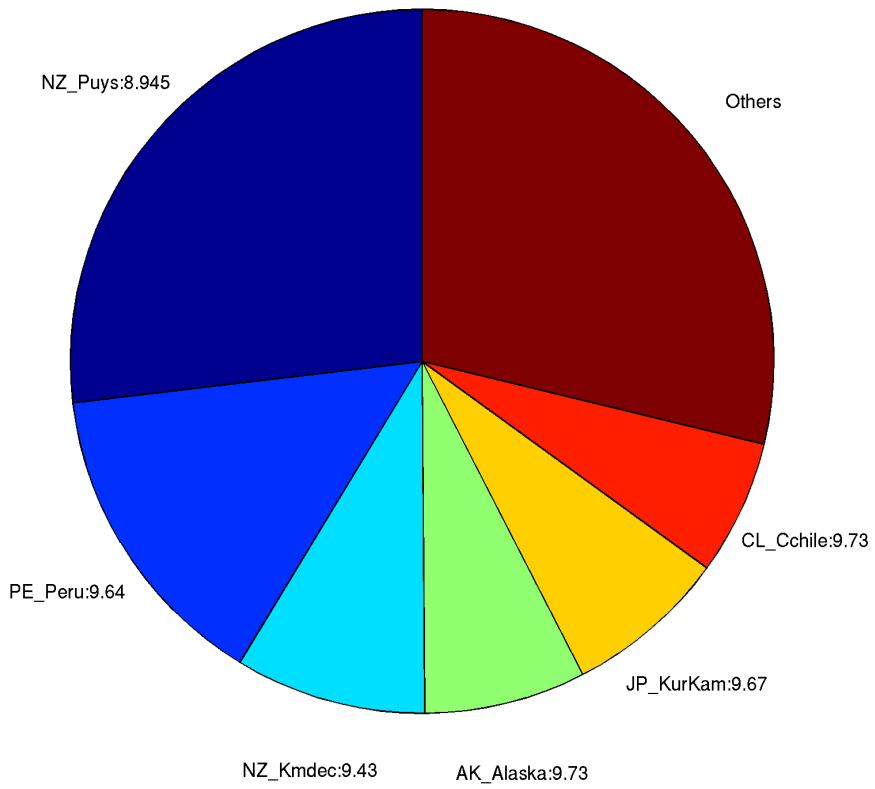
118. *Kawhia*



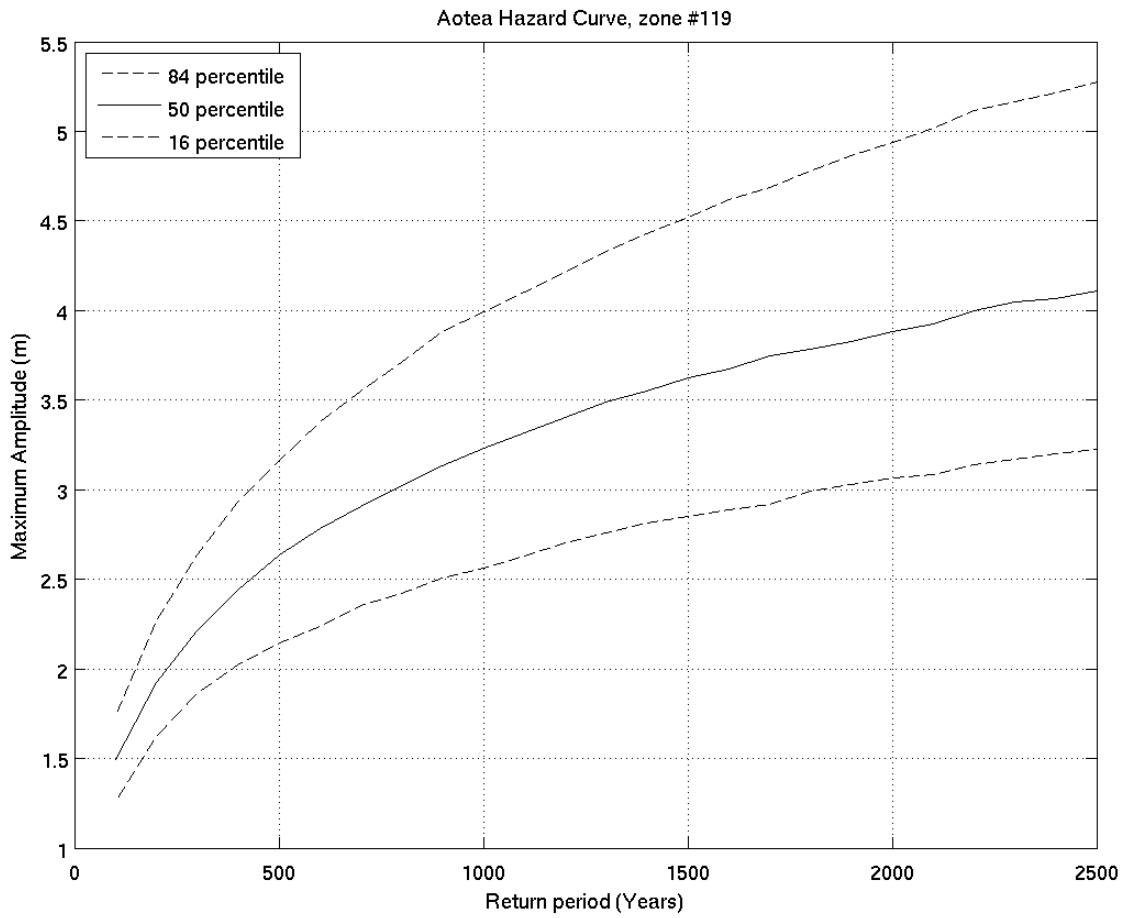
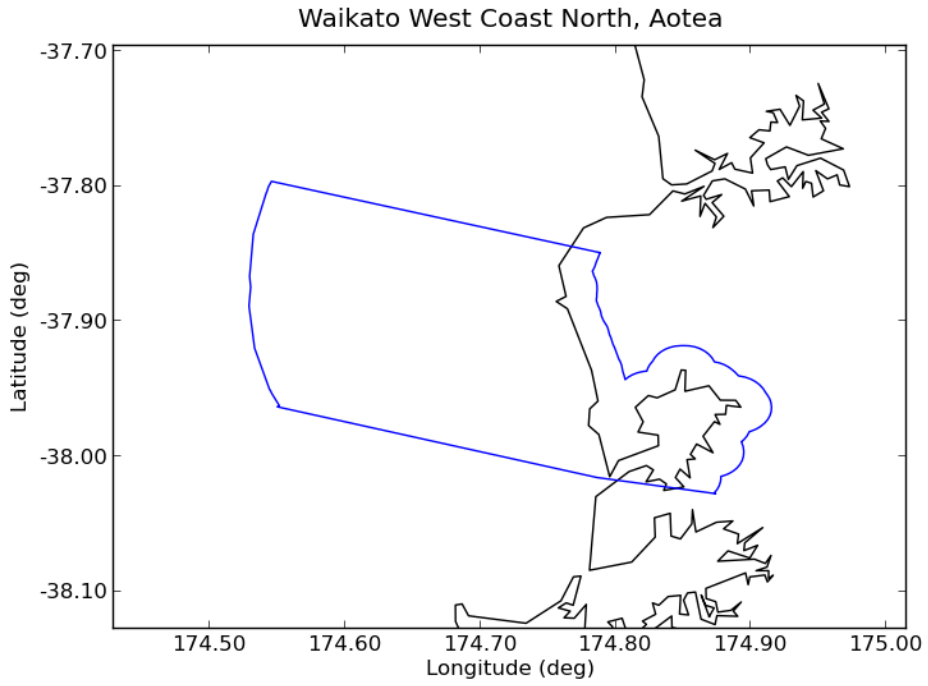
Deaggregation of Zone:118, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9661 m



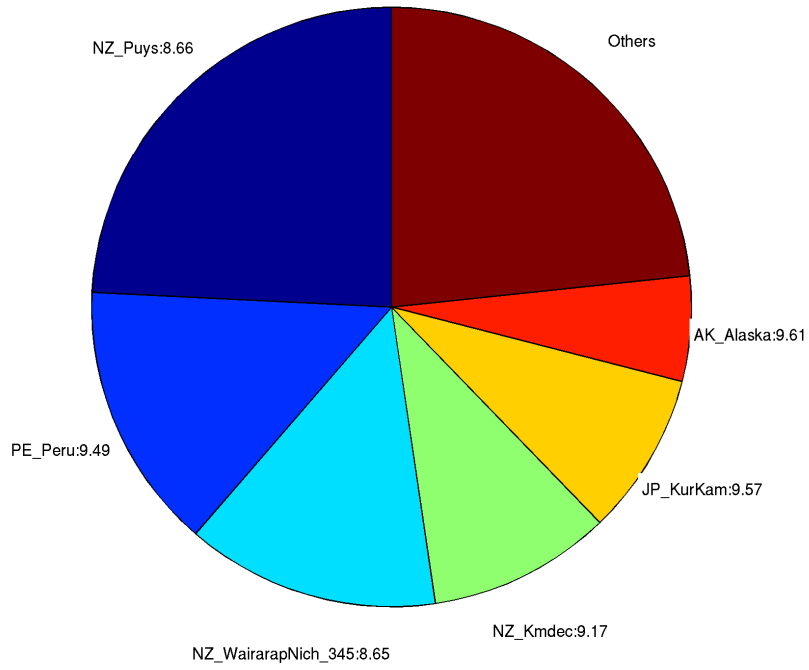
Deaggregation of Zone:118, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5317 m



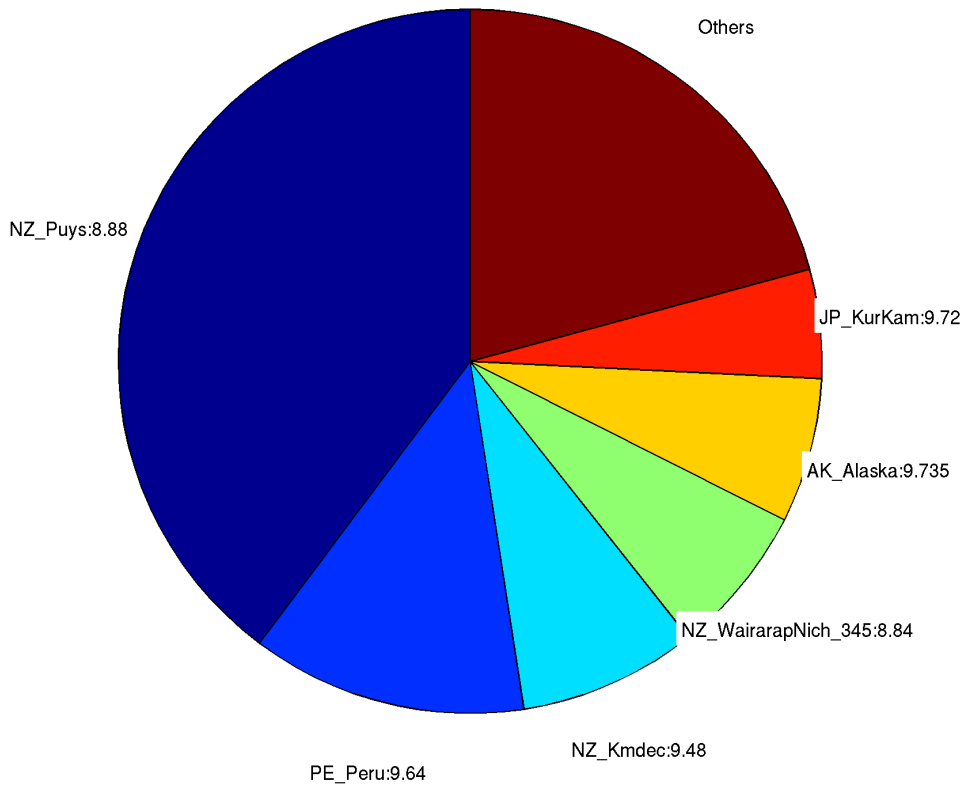
# 119. Aotea



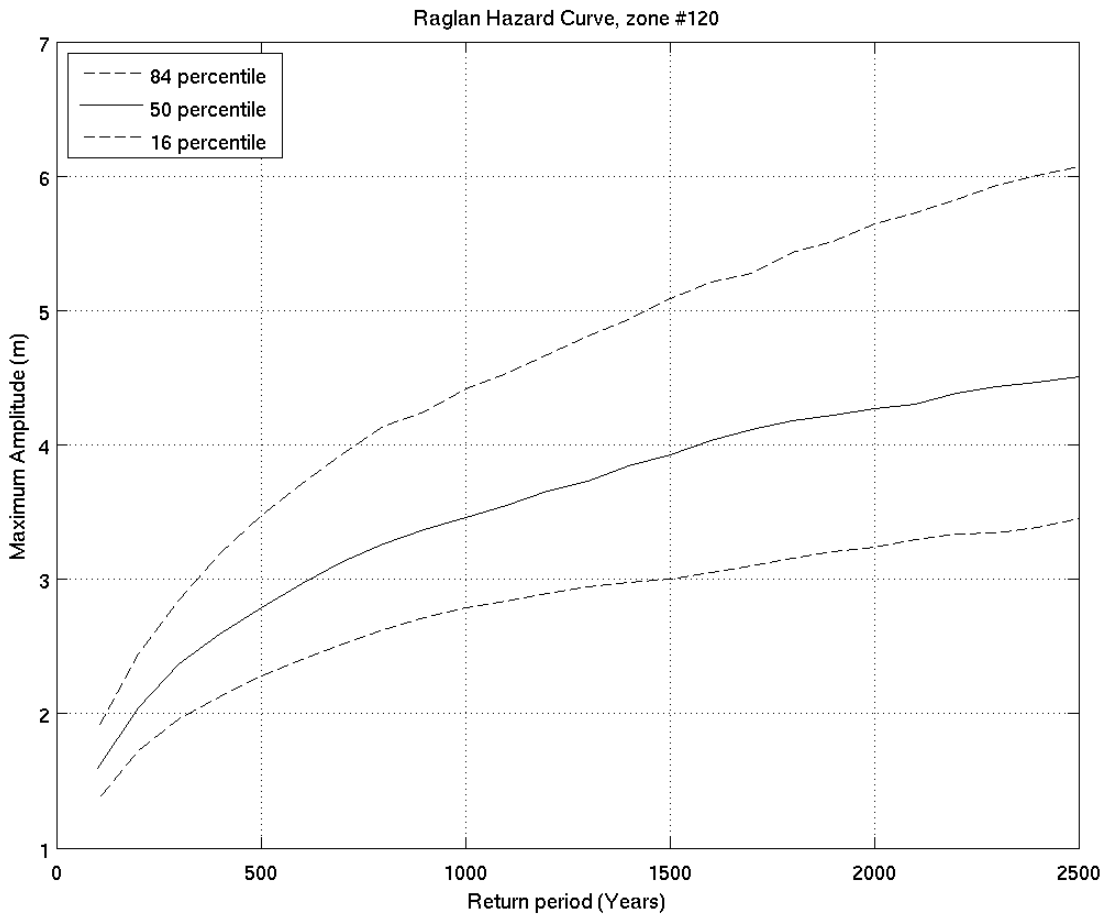
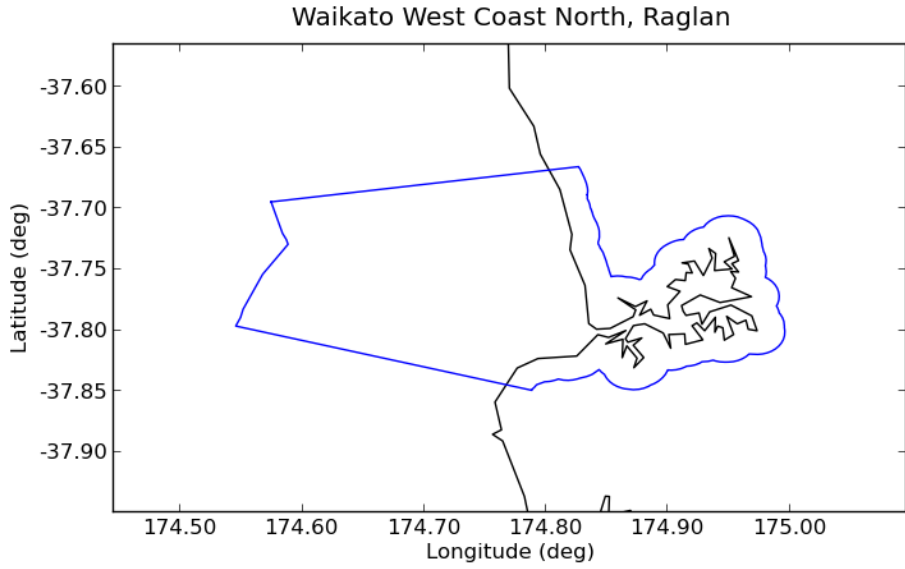
Deaggregation of Zone:119, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6356 m



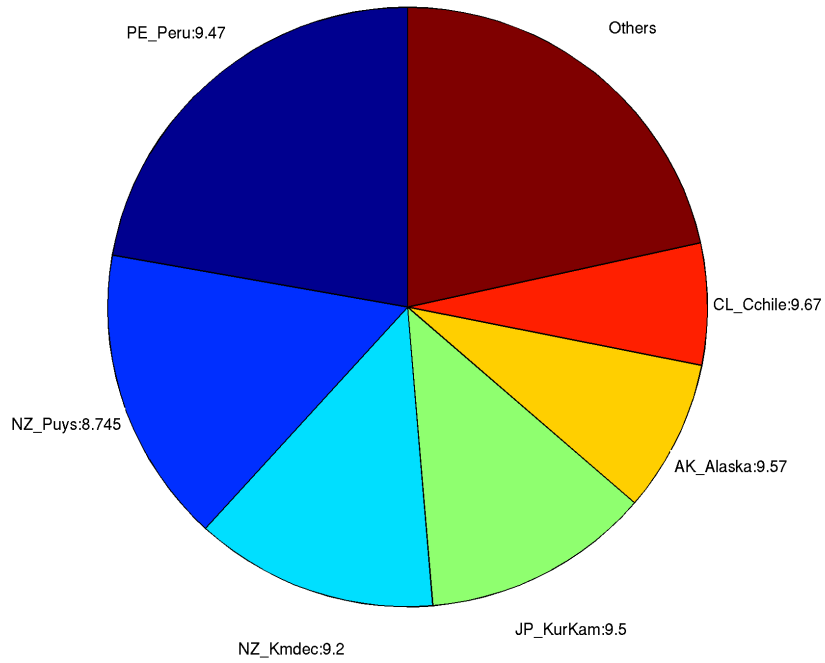
Deaggregation of Zone:119, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1091 m



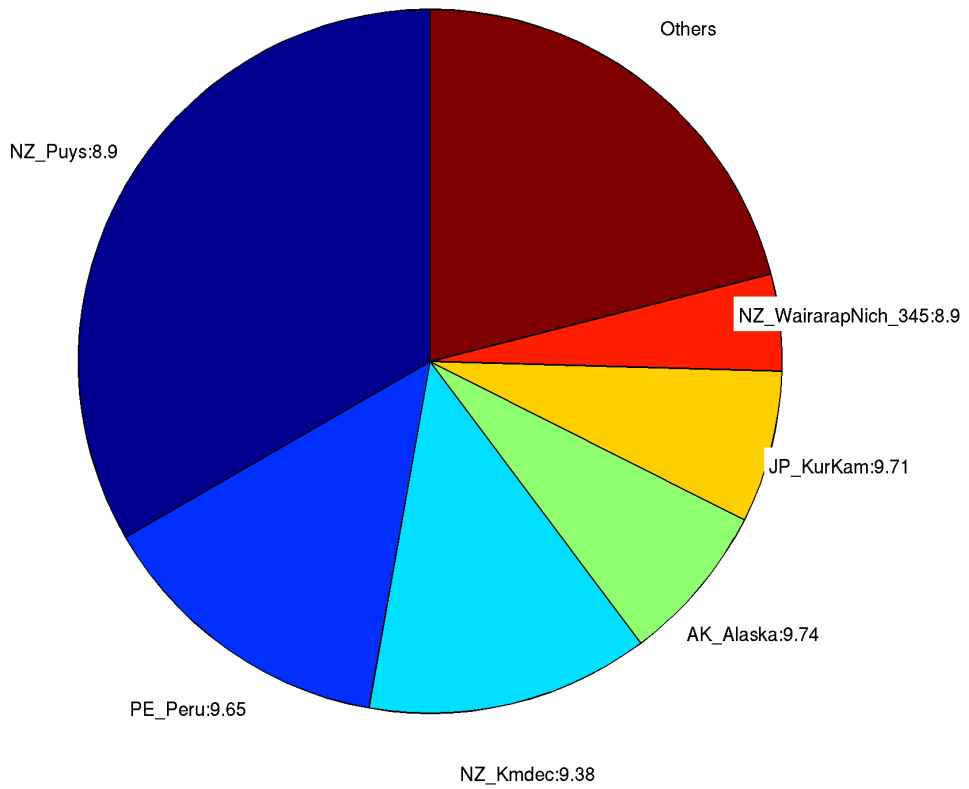
120. *Raglan*



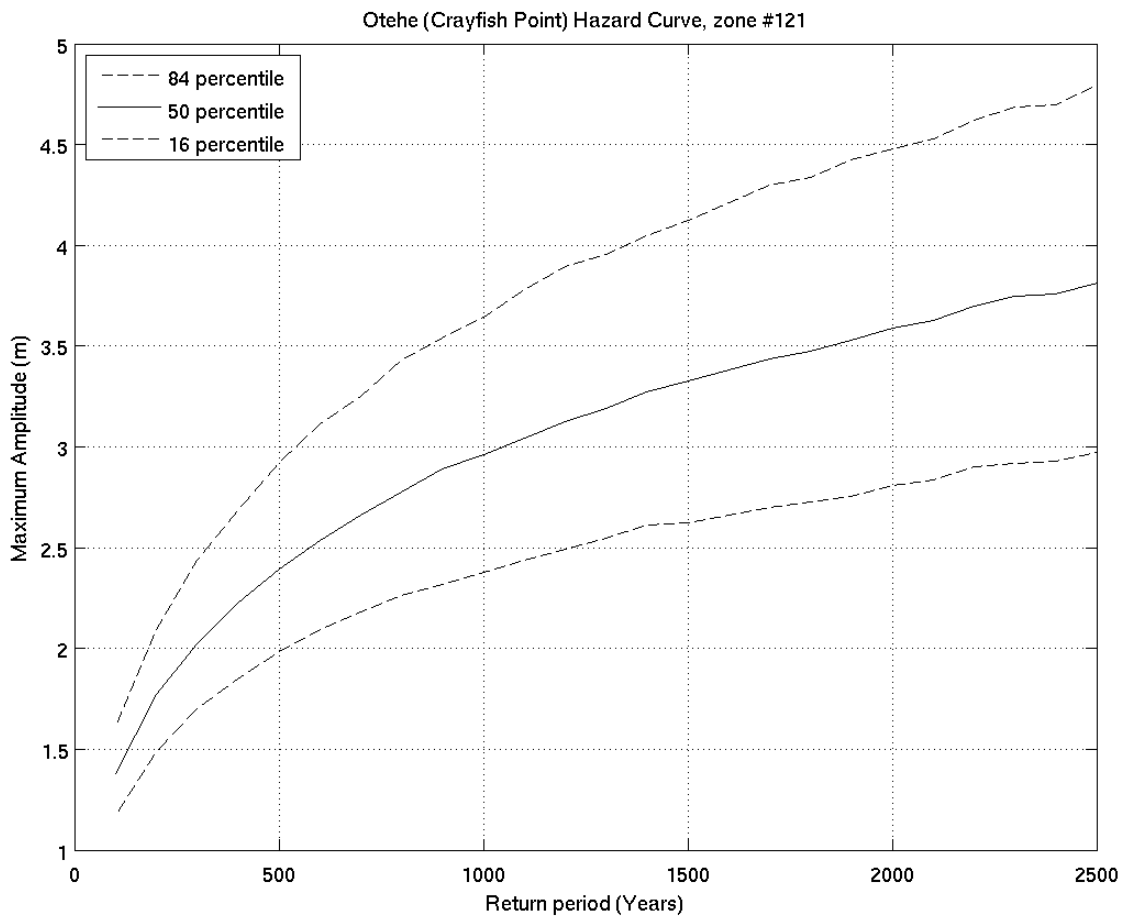
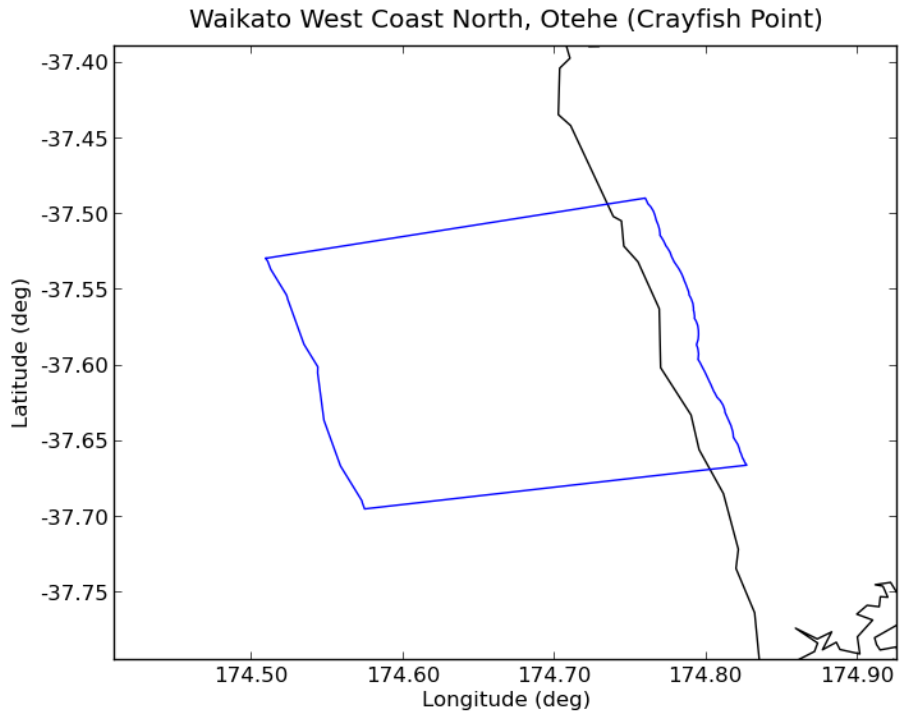
Deaggregation of Zone:120, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.7818 m



Deaggregation of Zone:120, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5016 m

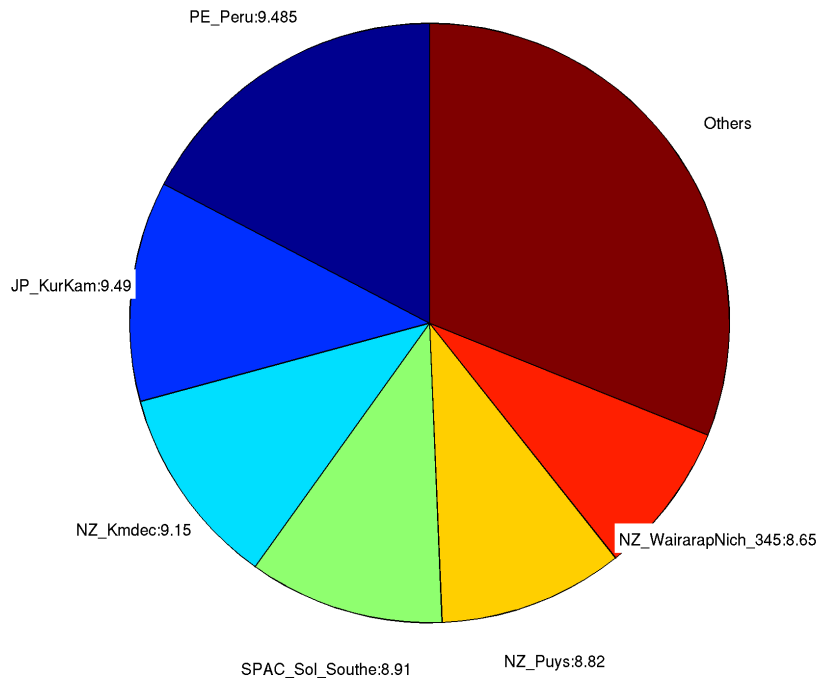


### 121. Otehe (Crayfish Point)

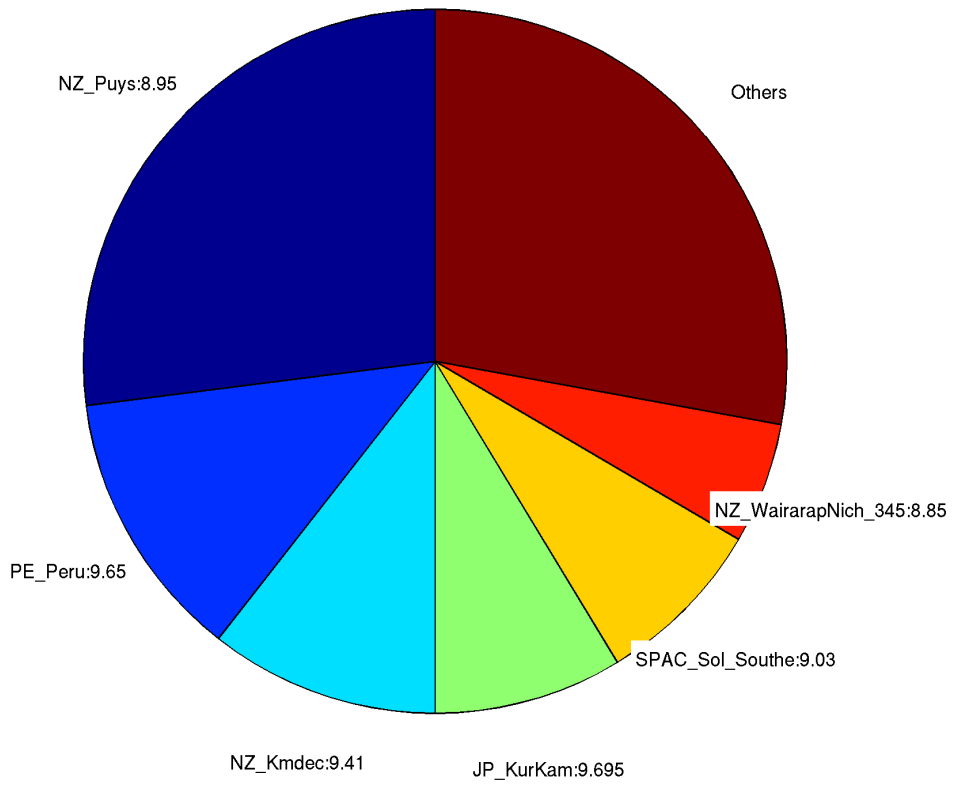




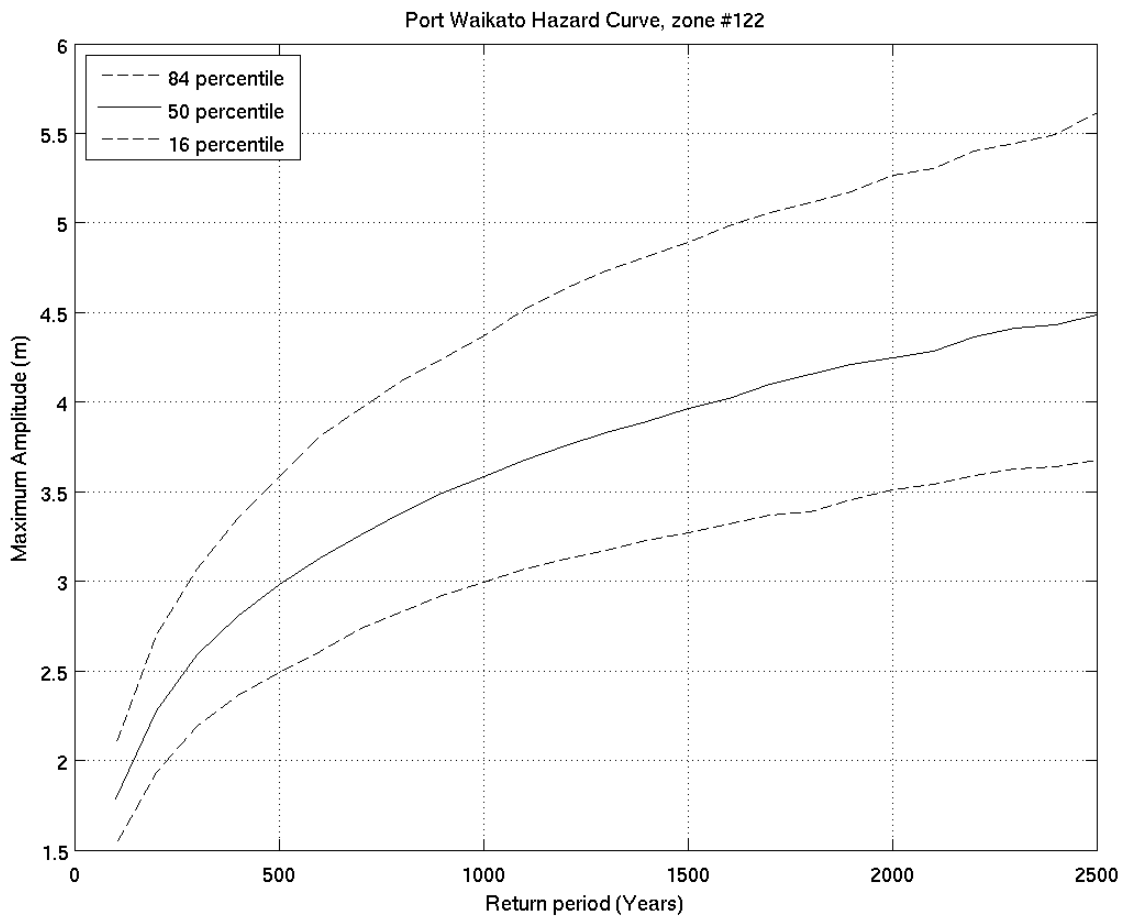
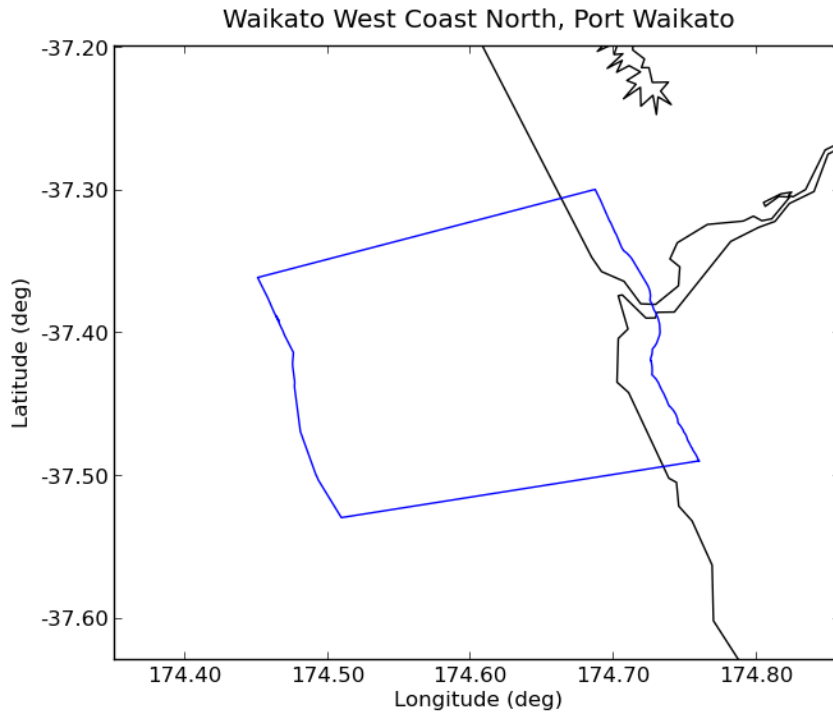
Deaggregation of Zone:121, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.3947 m



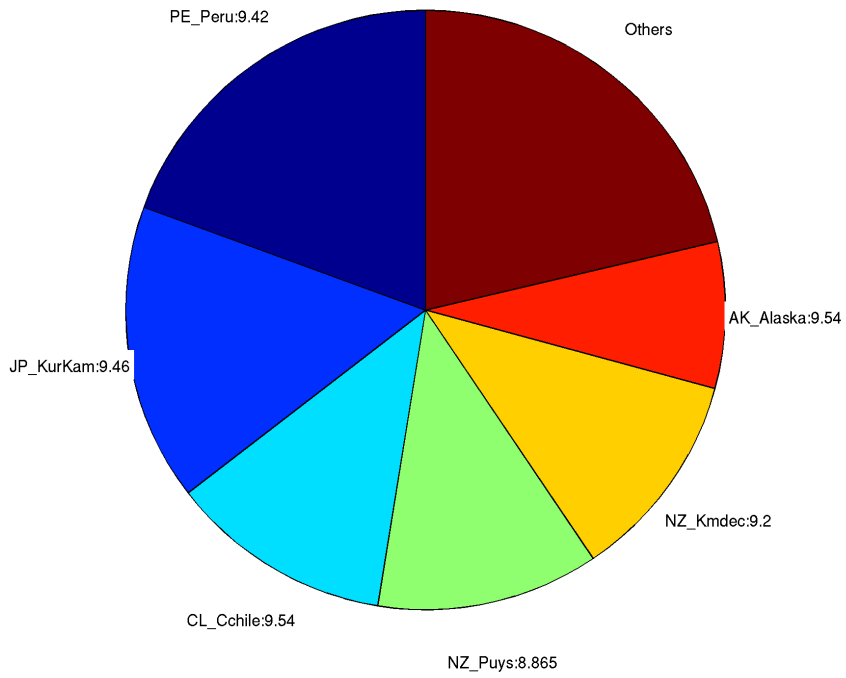
Deaggregation of Zone:121, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8143 m



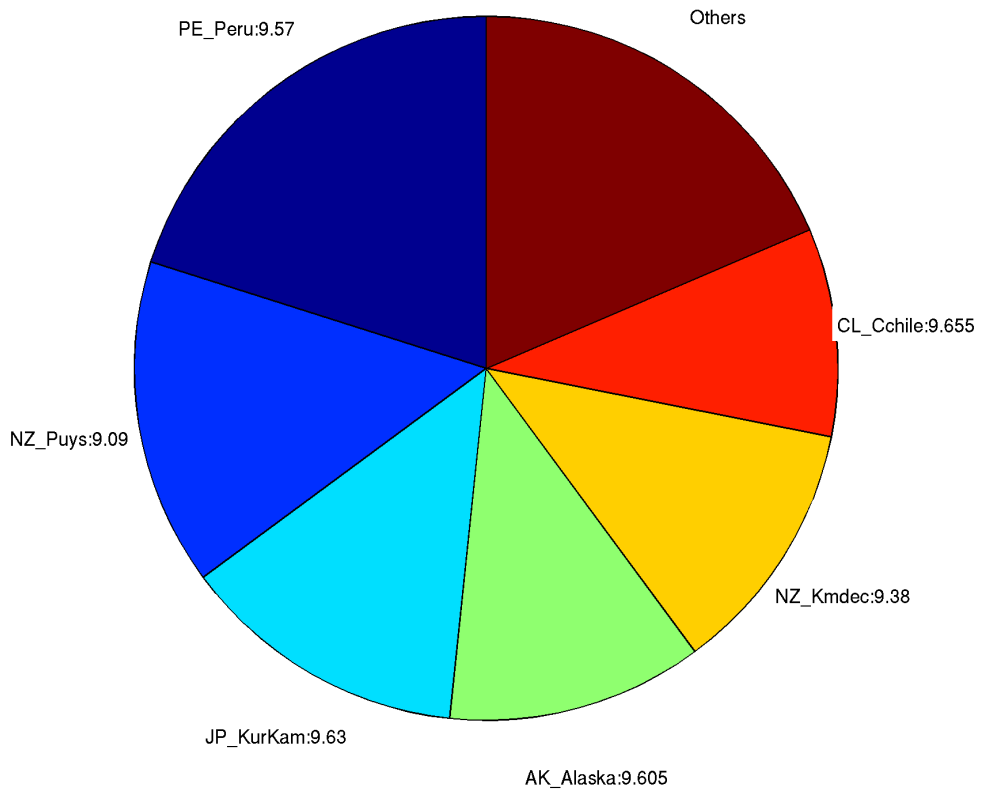
## 122. Port Waikato



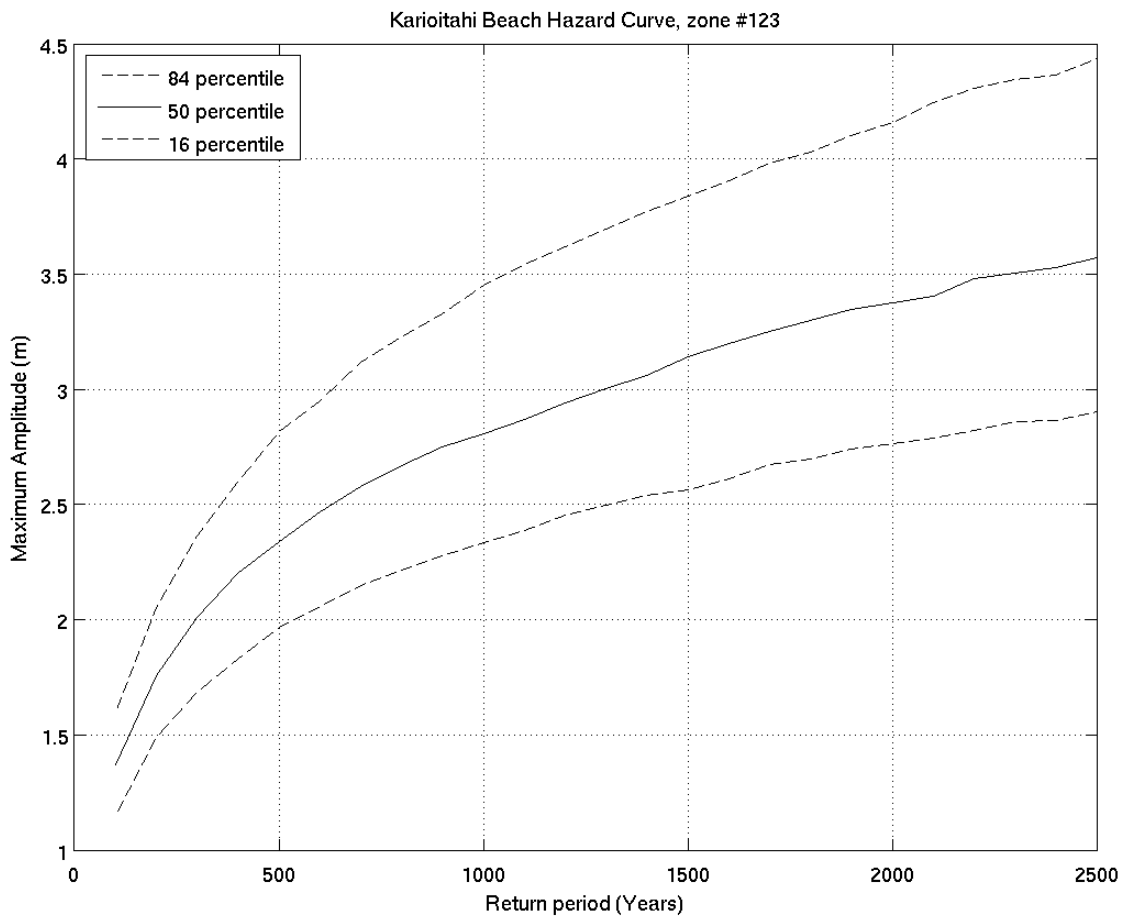
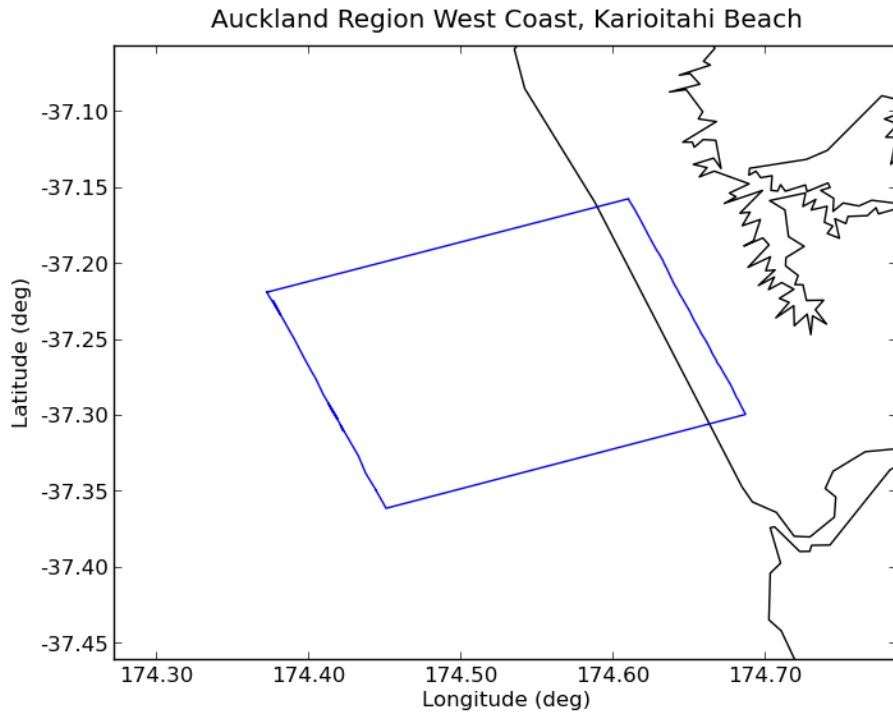
Deaggregation of Zone:122, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9816 m



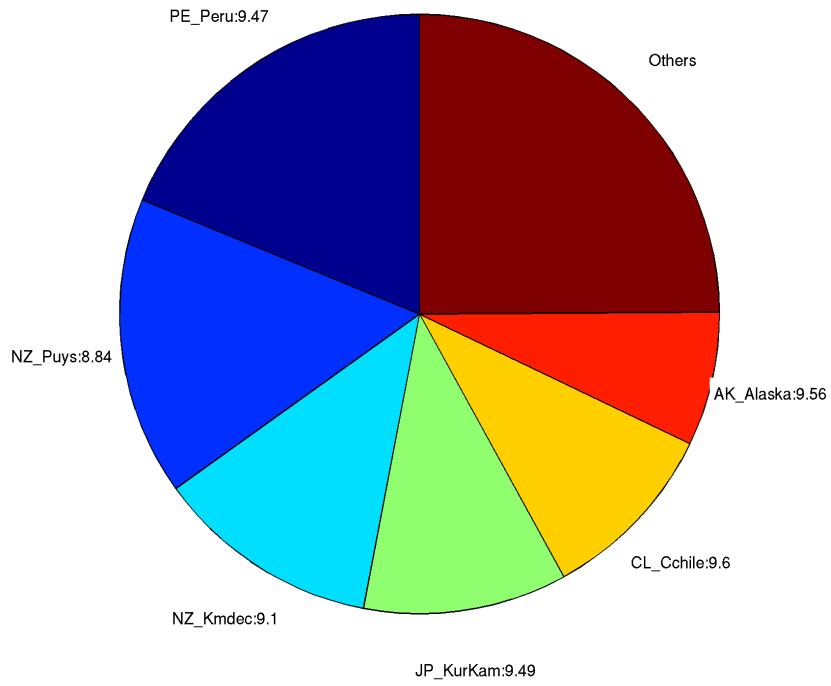
Deaggregation of Zone:122, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4872 m



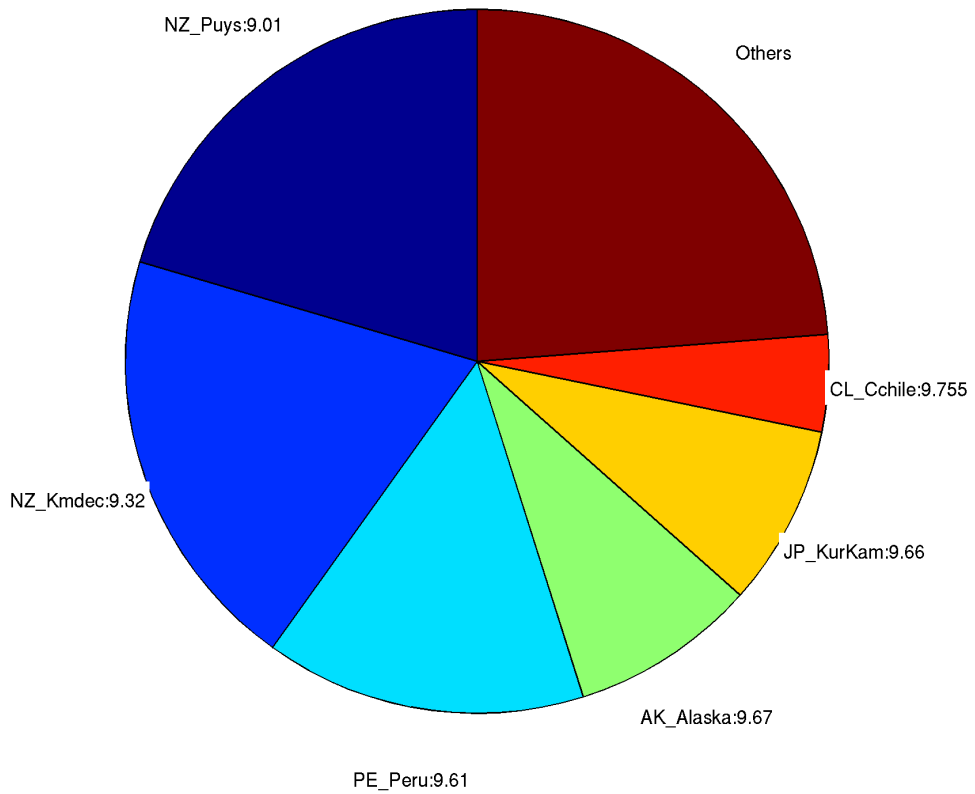
### 123. *Karioitahi Beach*



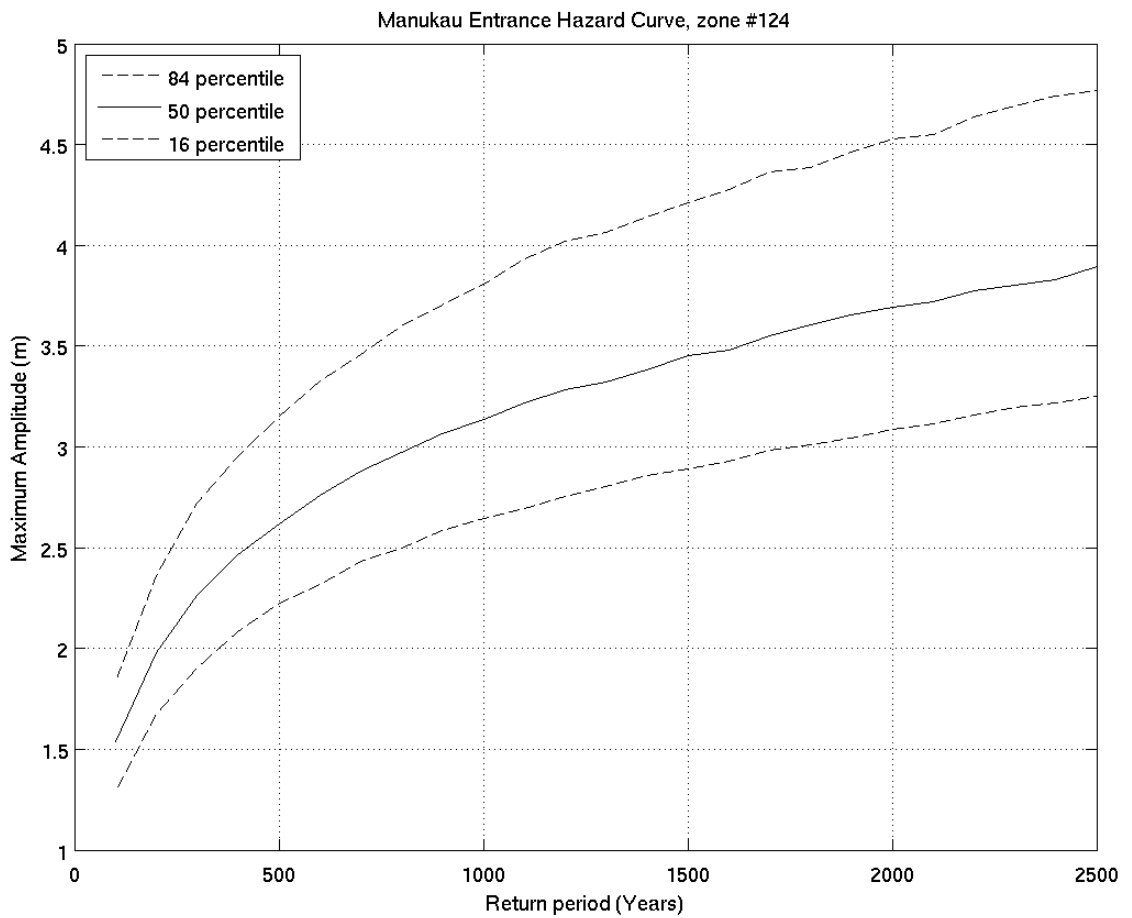
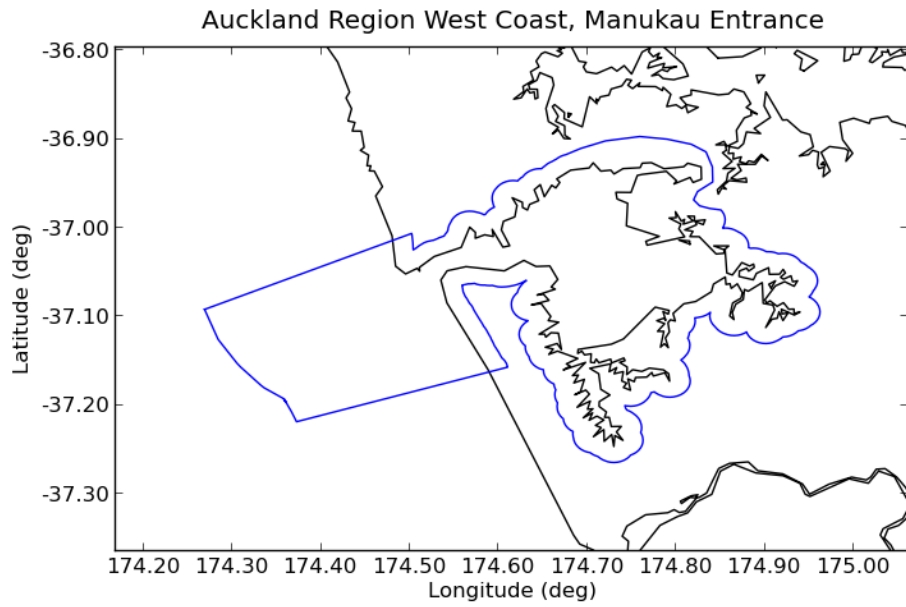
Deaggregation of Zone:123, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.3404 m



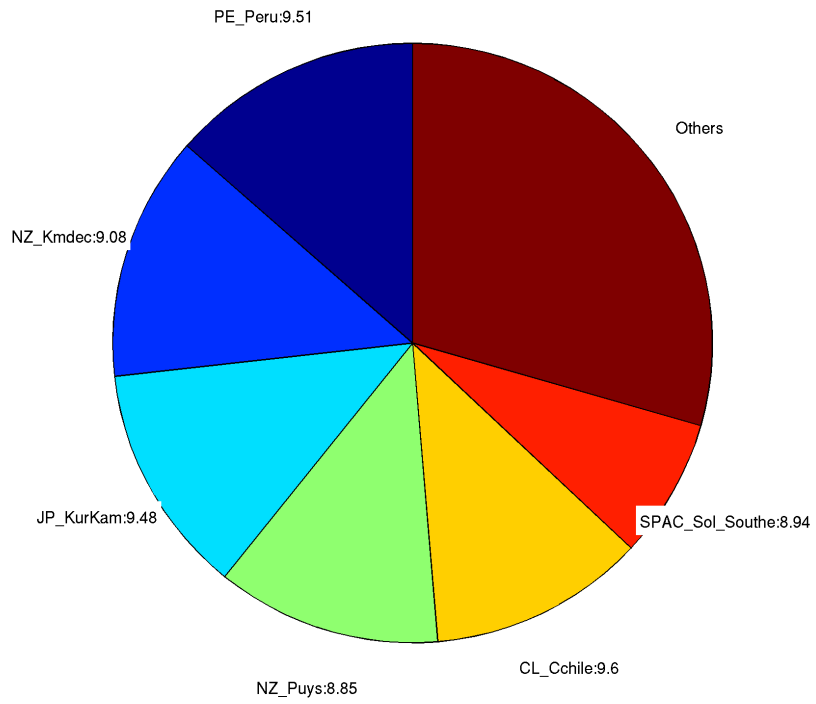
Deaggregation of Zone:123, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5689 m



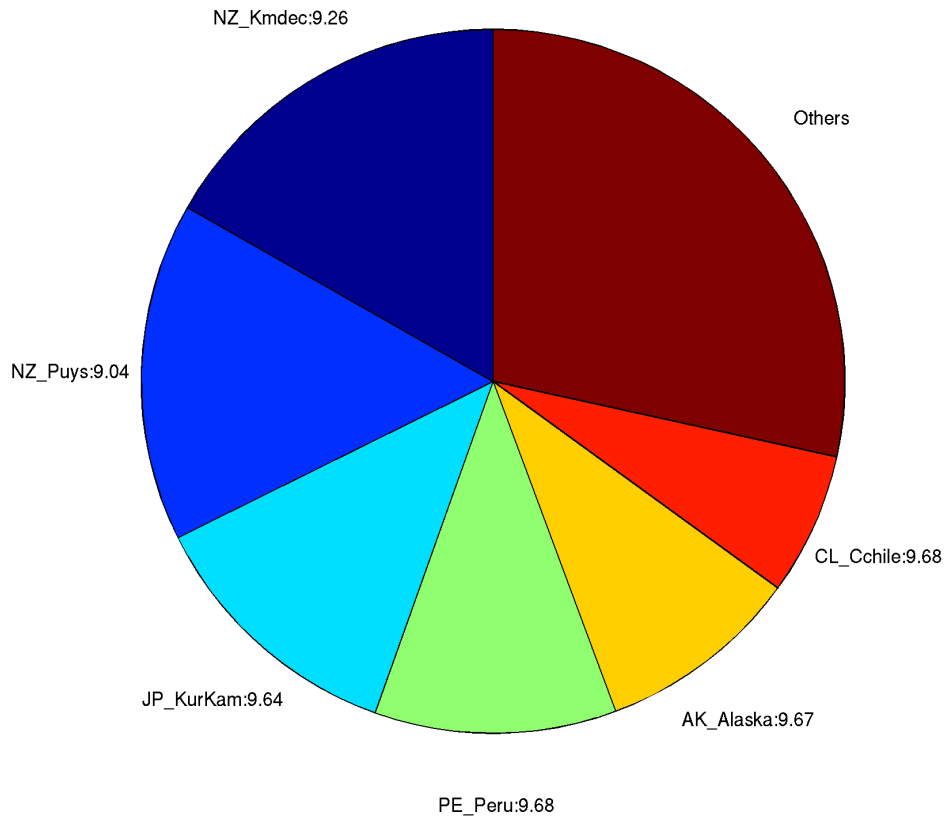
## 124. *Manukau Entrance*



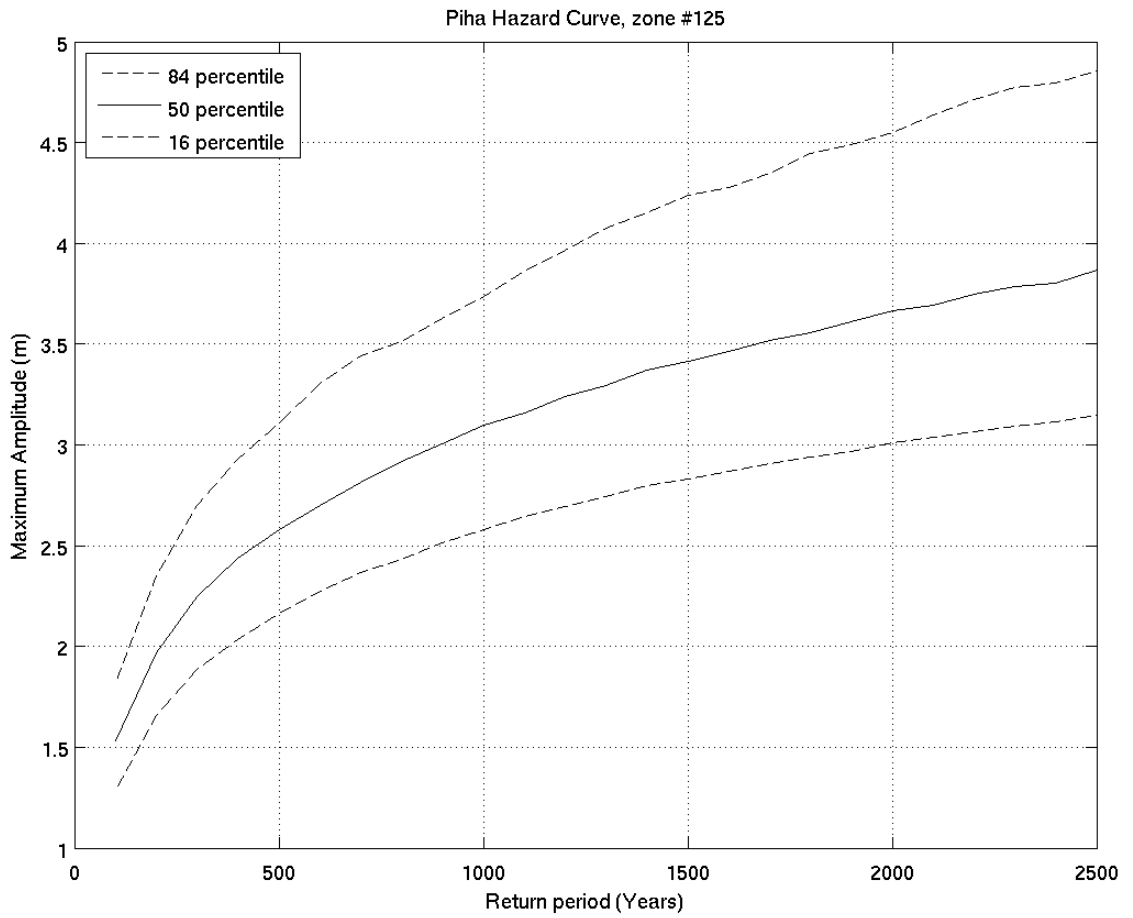
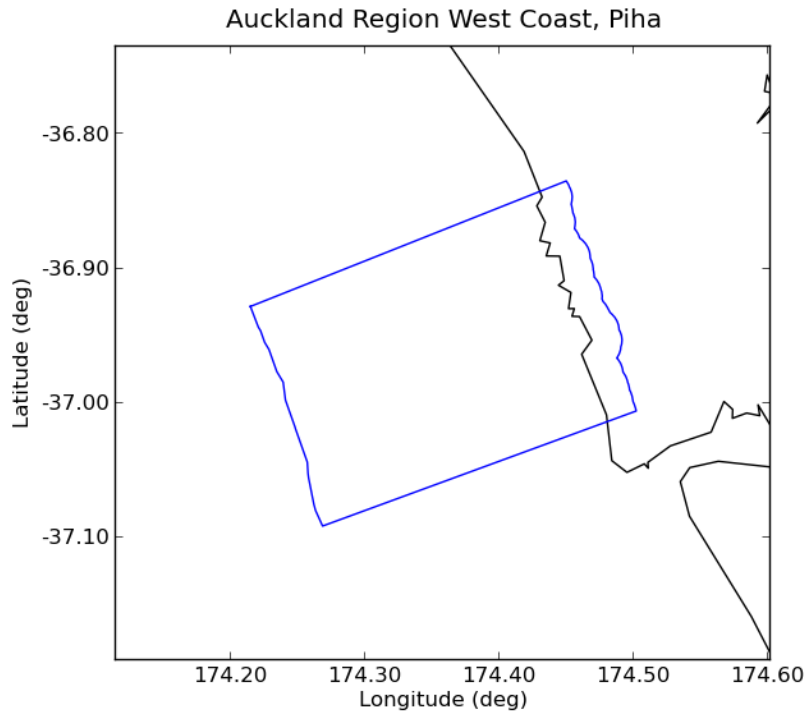
Deaggregation of Zone:124, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6108 m



Deaggregation of Zone:124, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8897 m

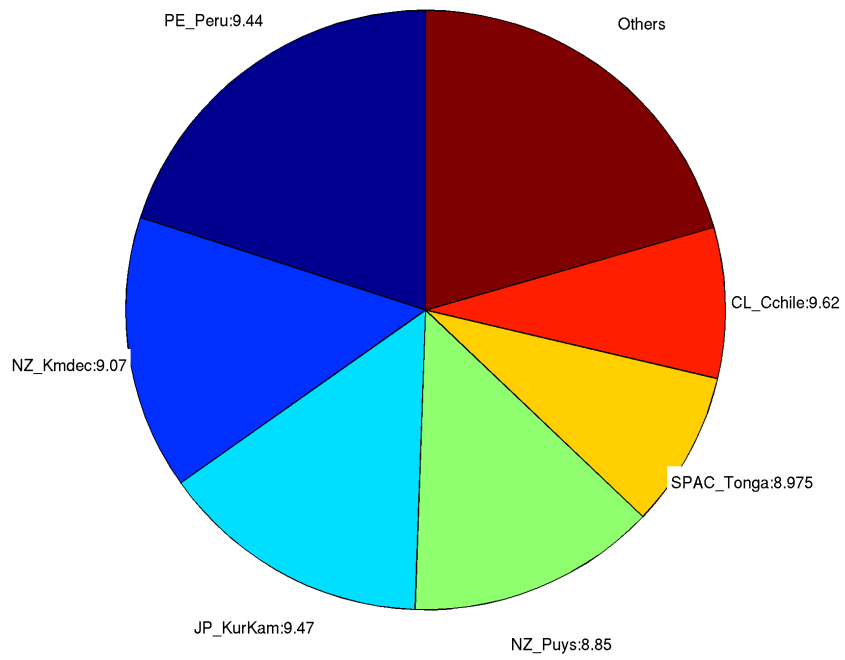


125. *Piha*

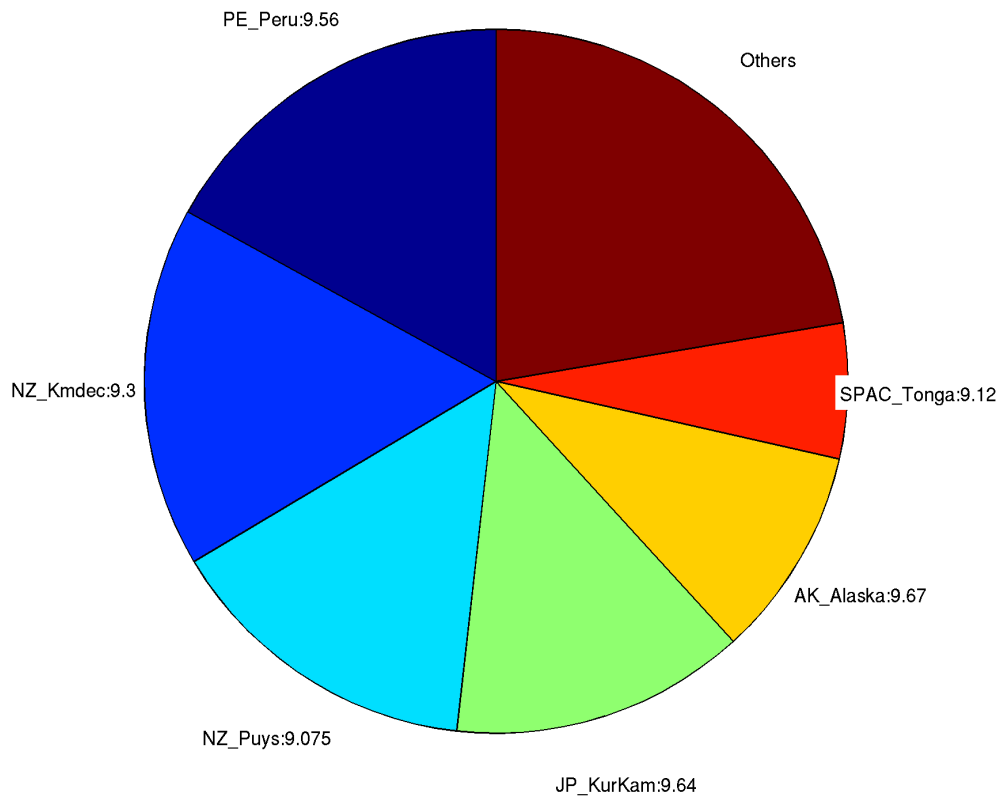




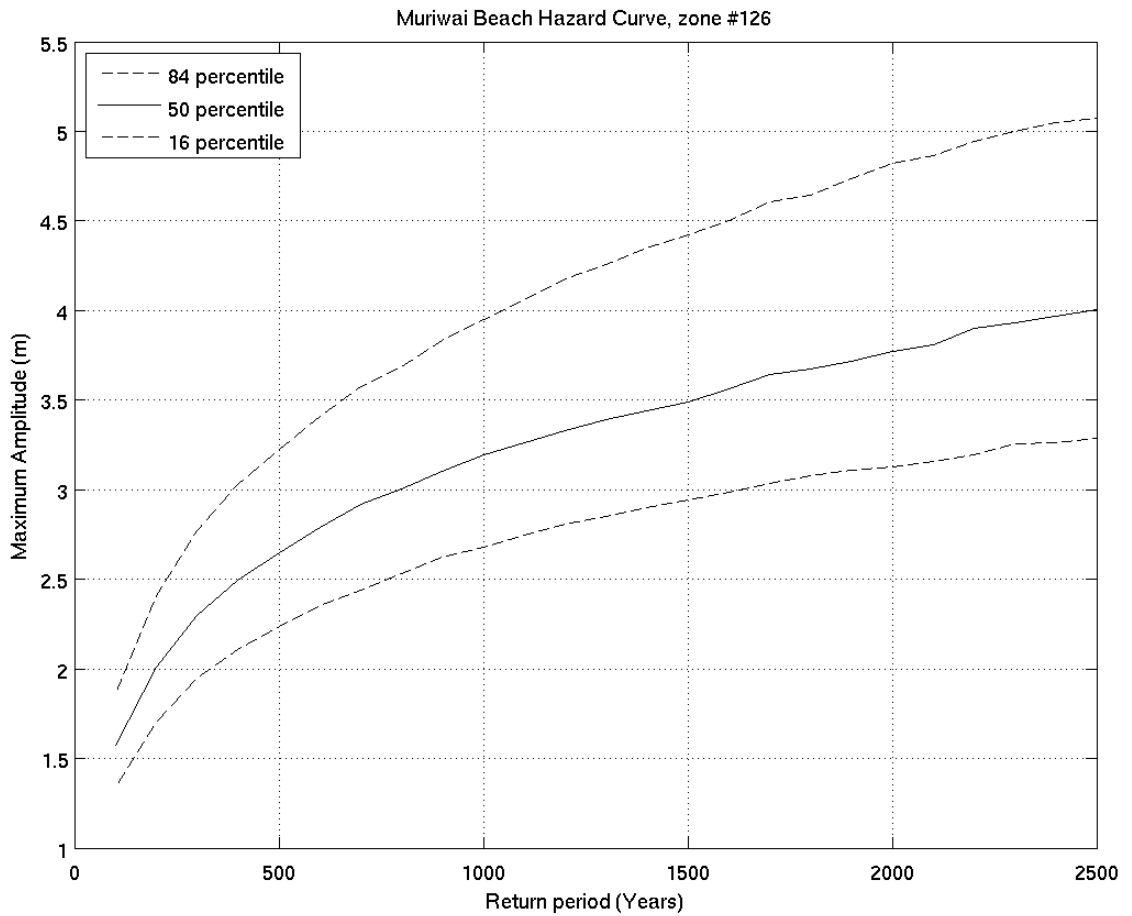
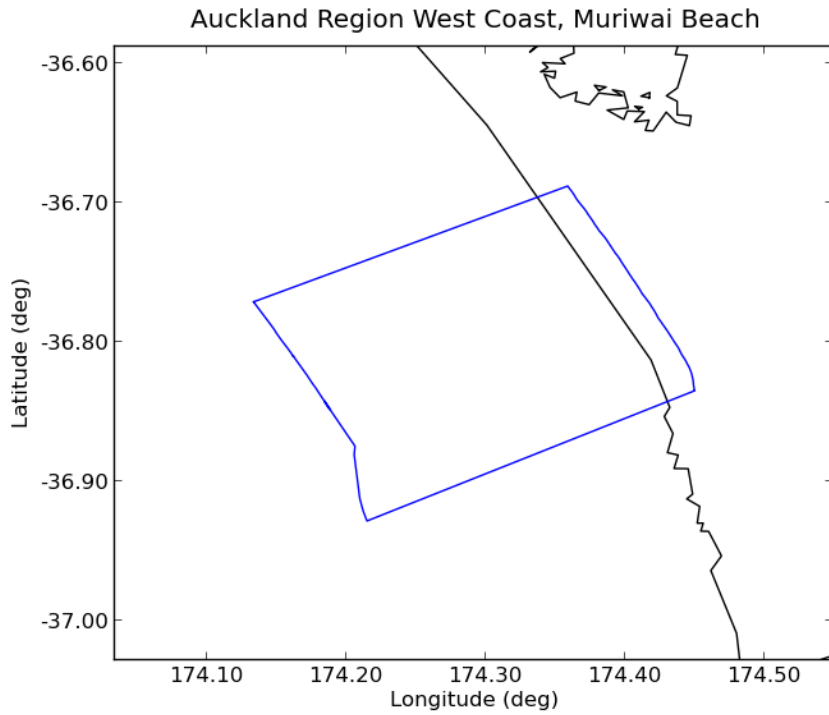
Deaggregation of Zone:125, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.5765 m



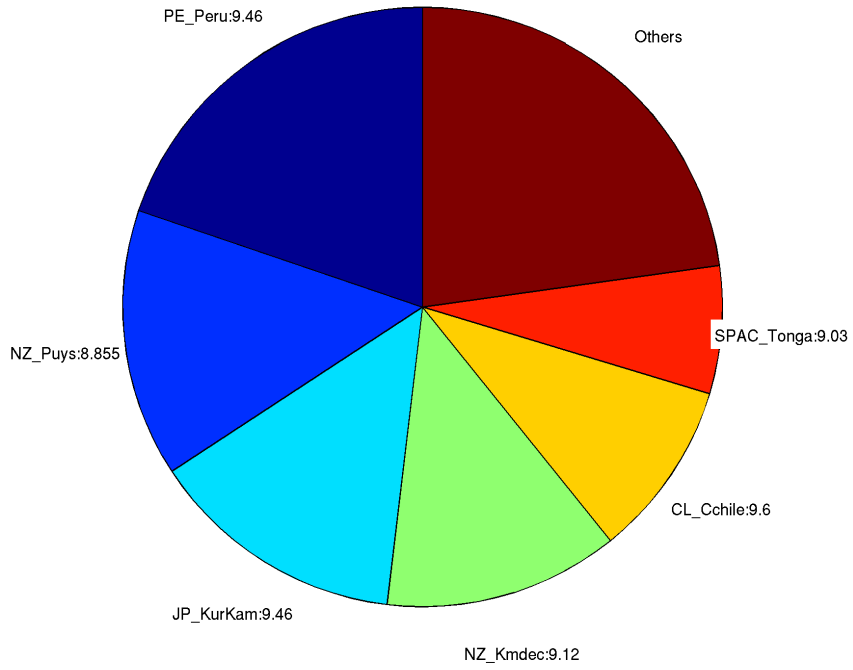
Deaggregation of Zone:125, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.865 m



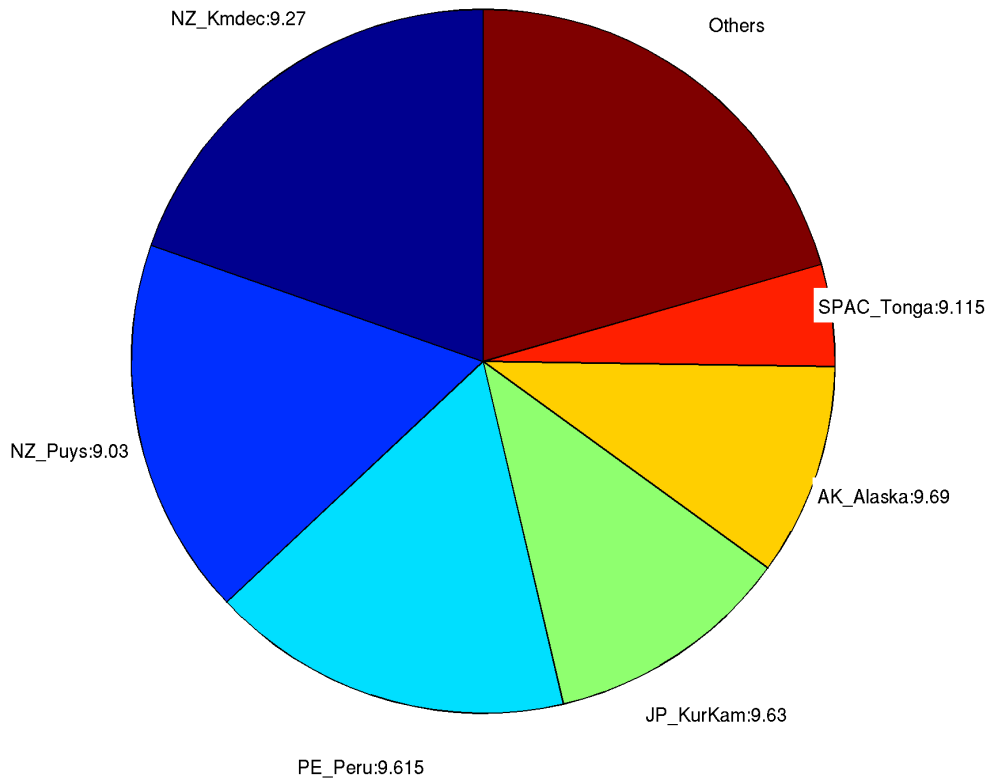
## 126. Muriwai Beach



Deaggregation of Zone:126, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6505 m

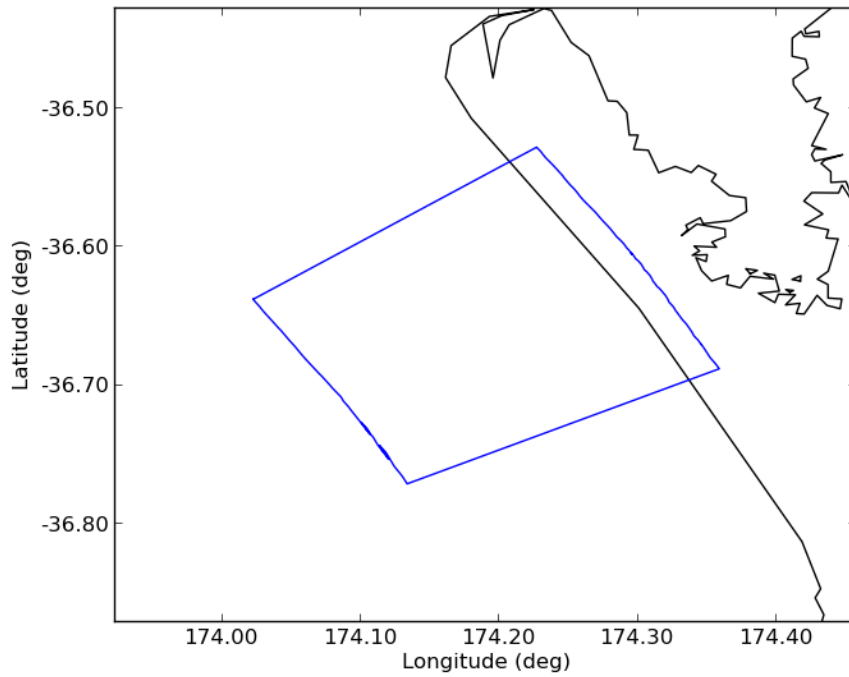


Deaggregation of Zone:126, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0041 m

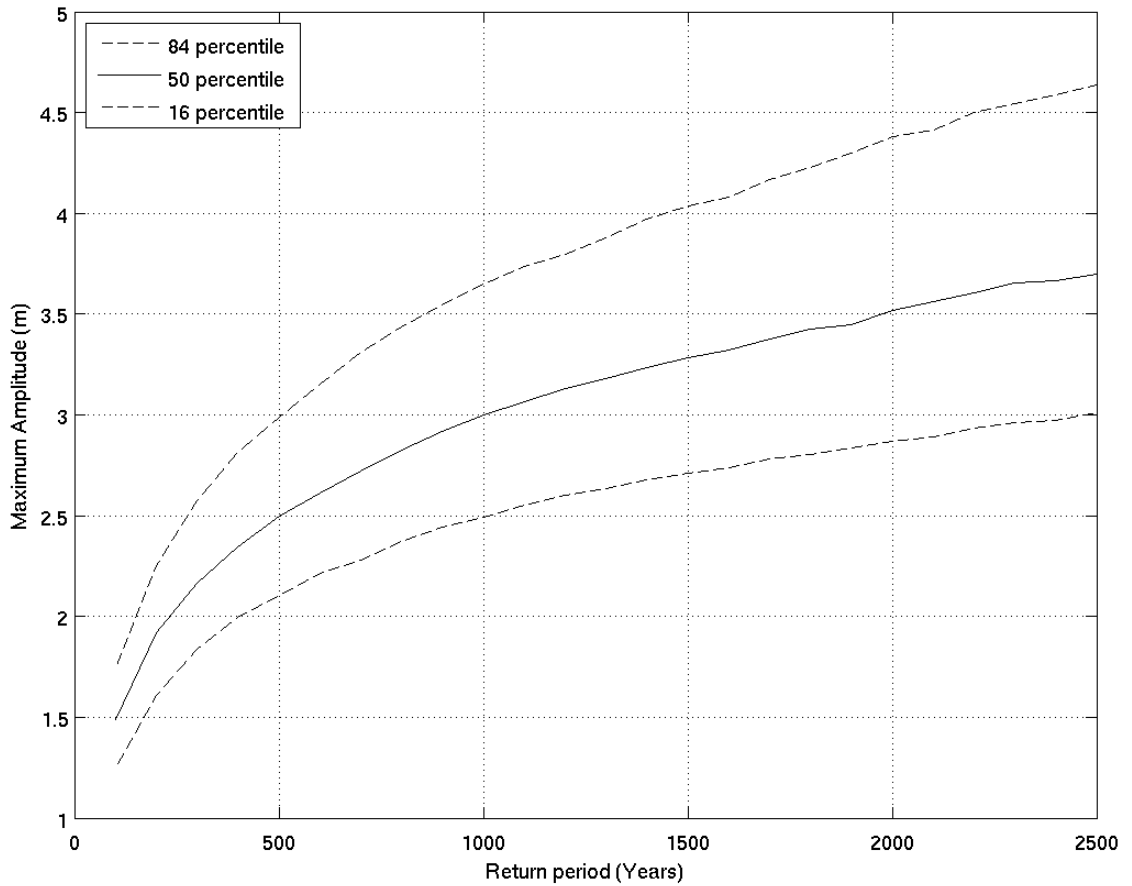


## 127. Te Oneone Rangatira Beach

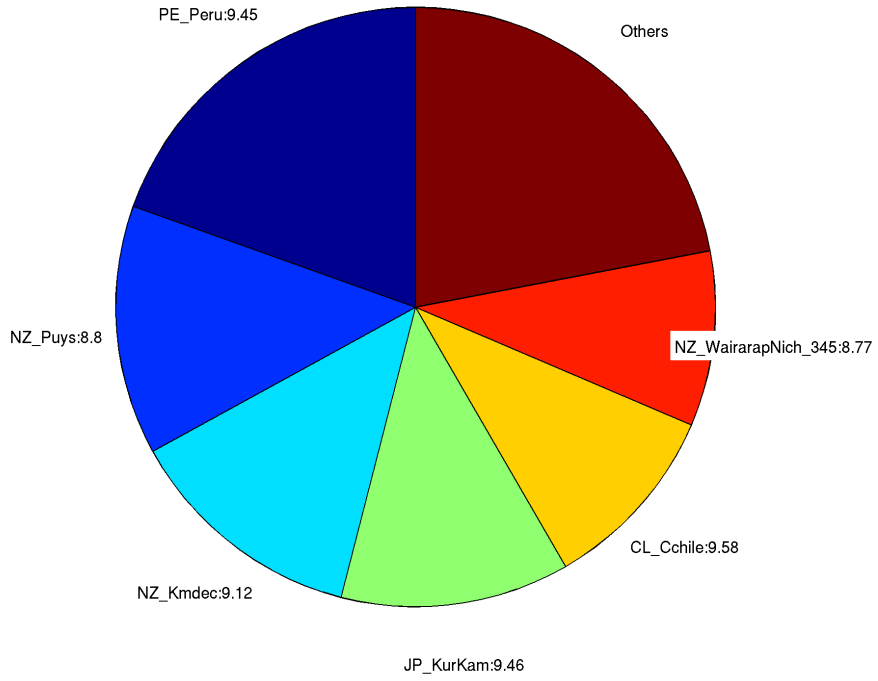
Auckland Region West Coast, Te Oneone Rangatira Beach



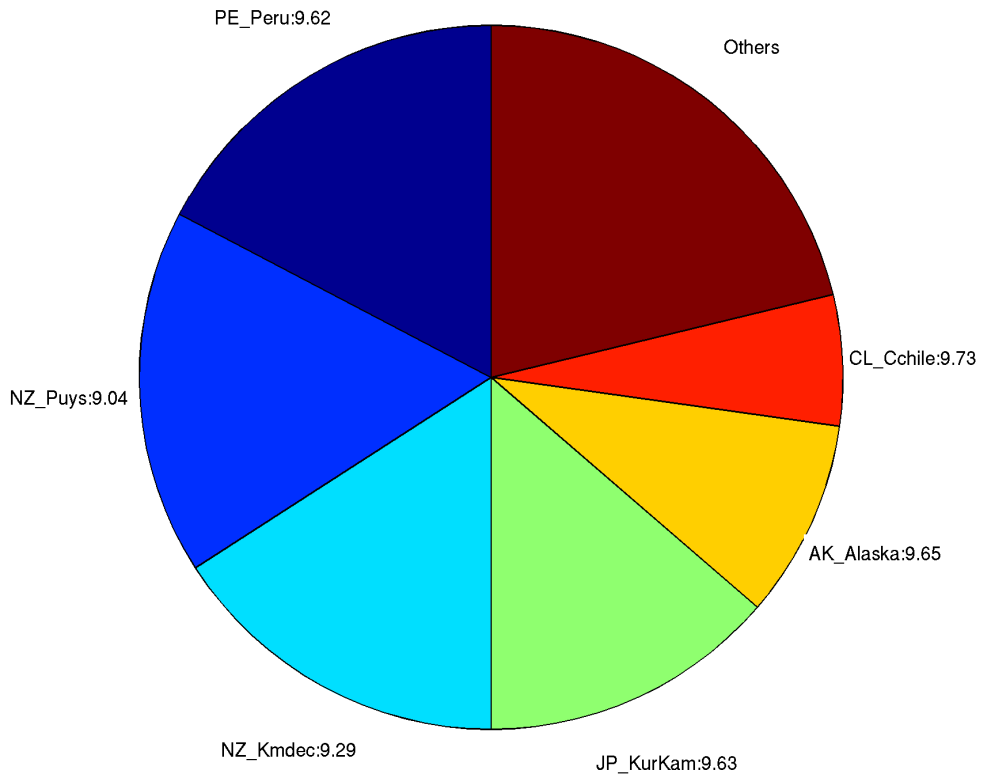
Te Oneone Rangatira Beach Hazard Curve, zone #127



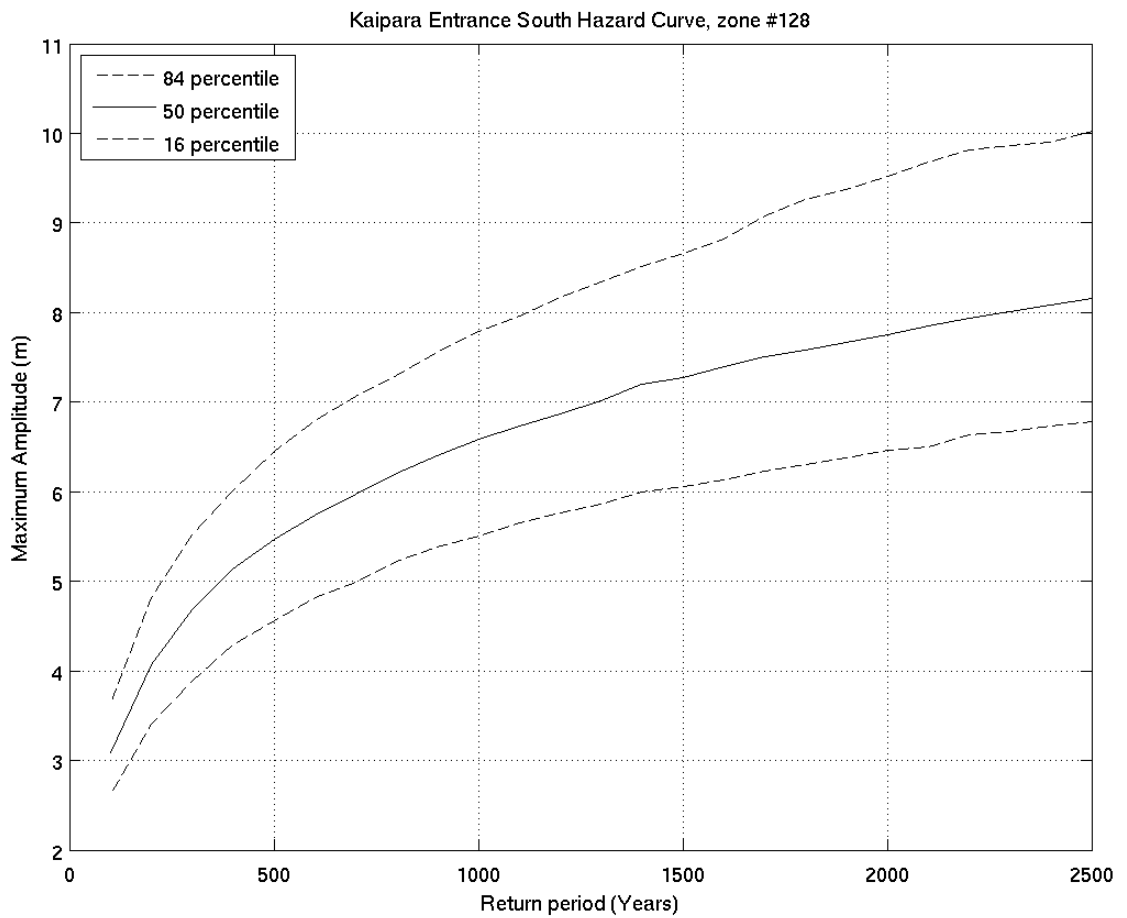
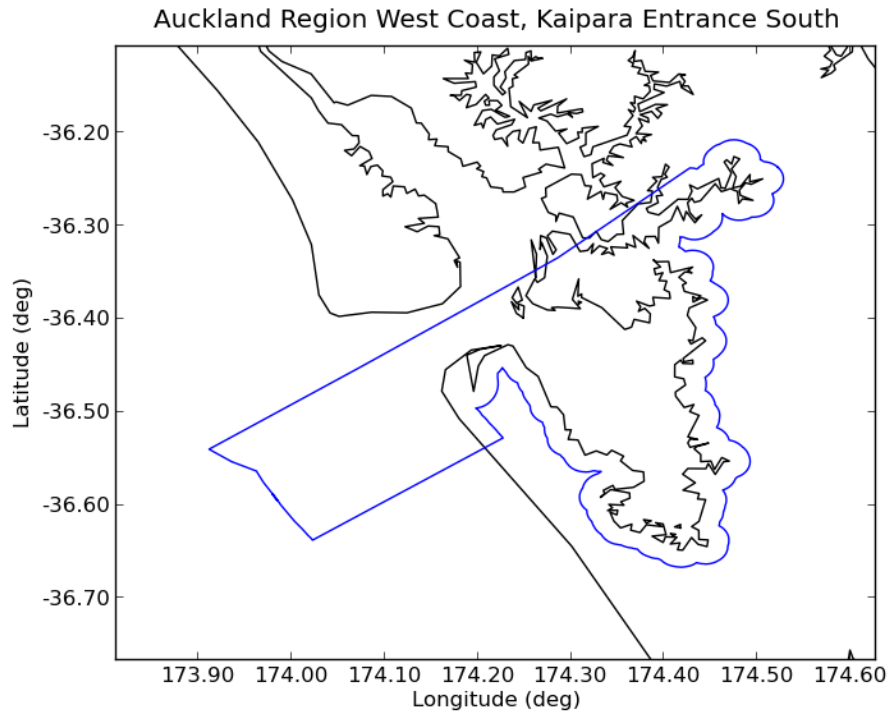
Deaggregation of Zone:127, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.4952 m



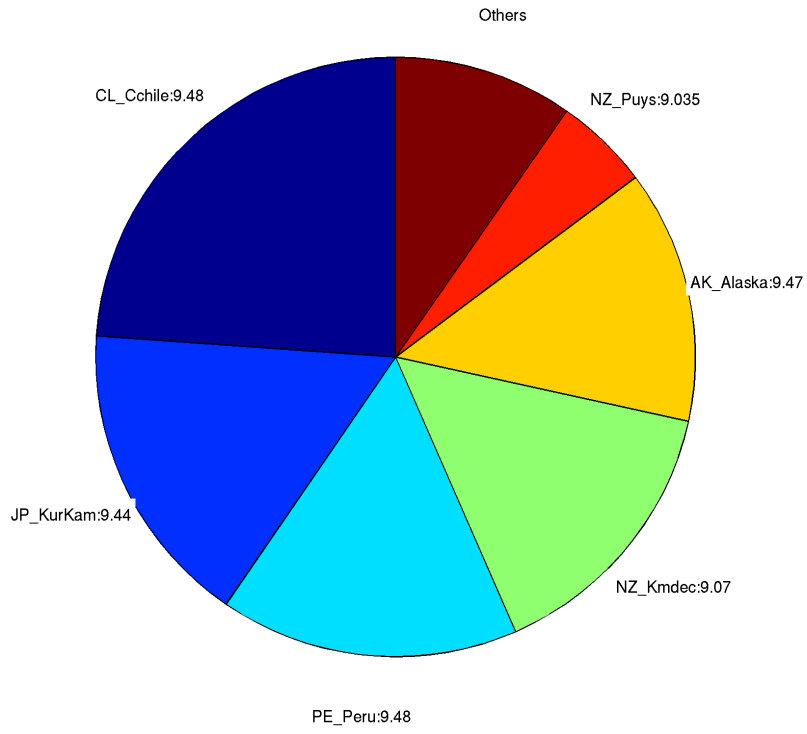
Deaggregation of Zone:127, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6953 m



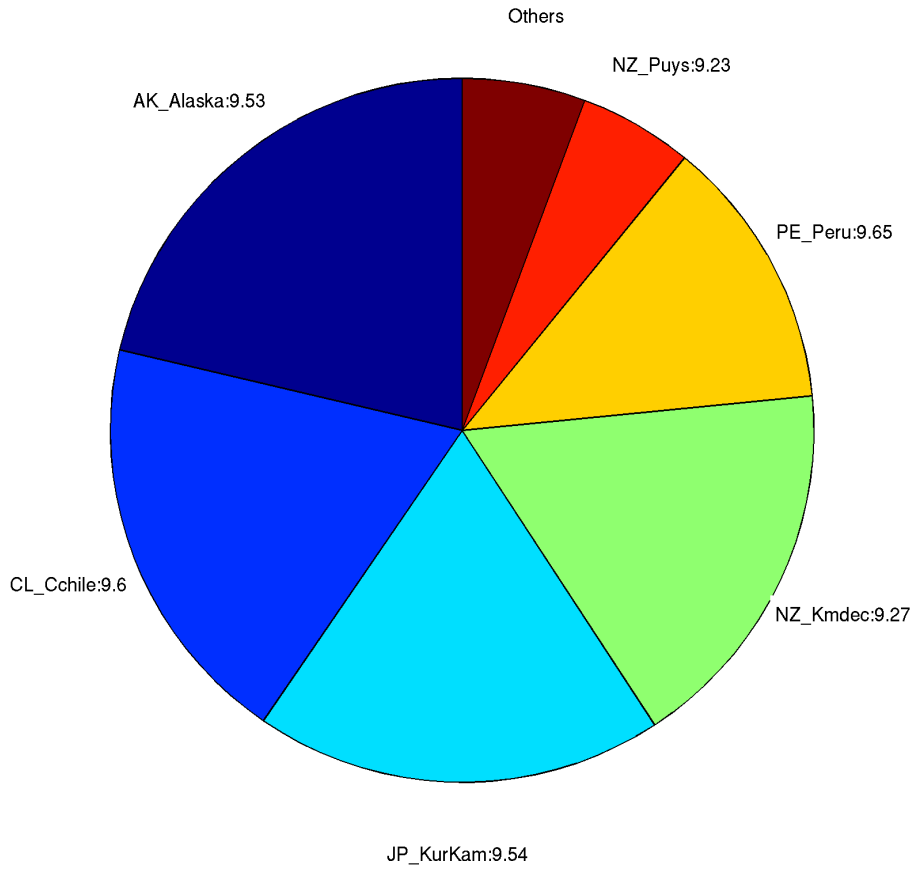
## 128. Kaipara Entrance South



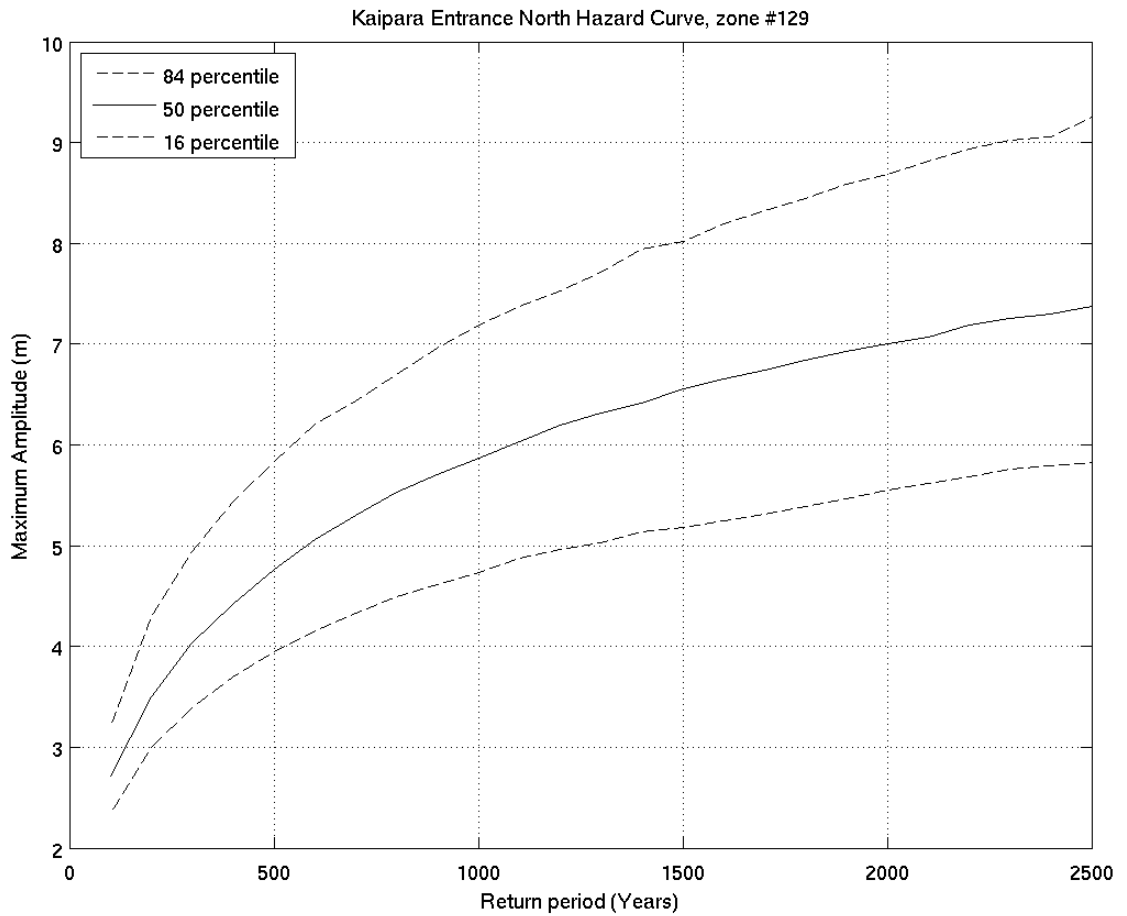
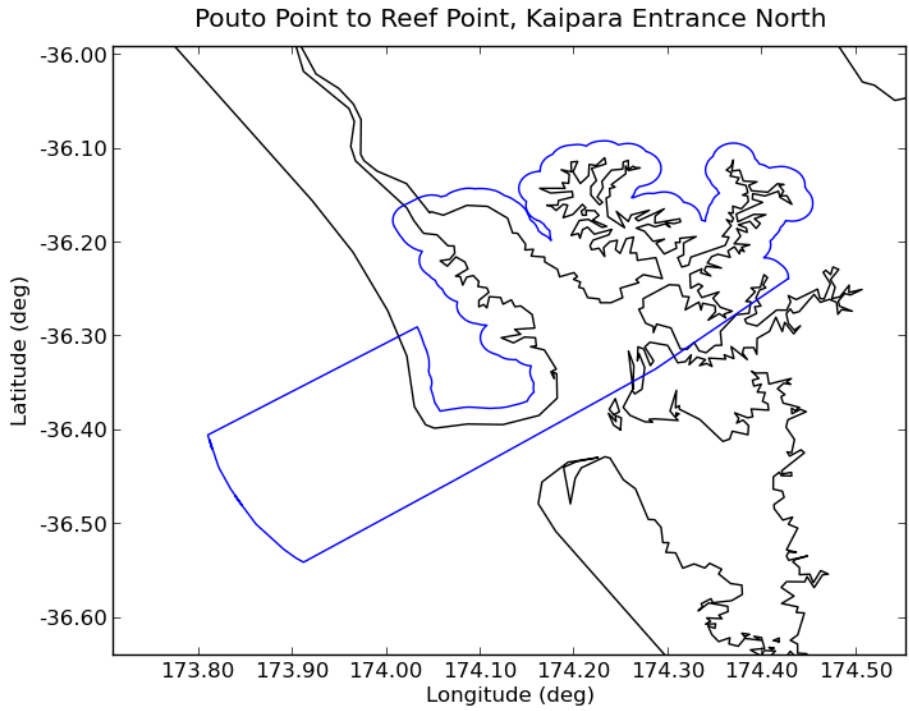
Deaggregation of Zone:128, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4655 m



Deaggregation of Zone:128, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.1421 m

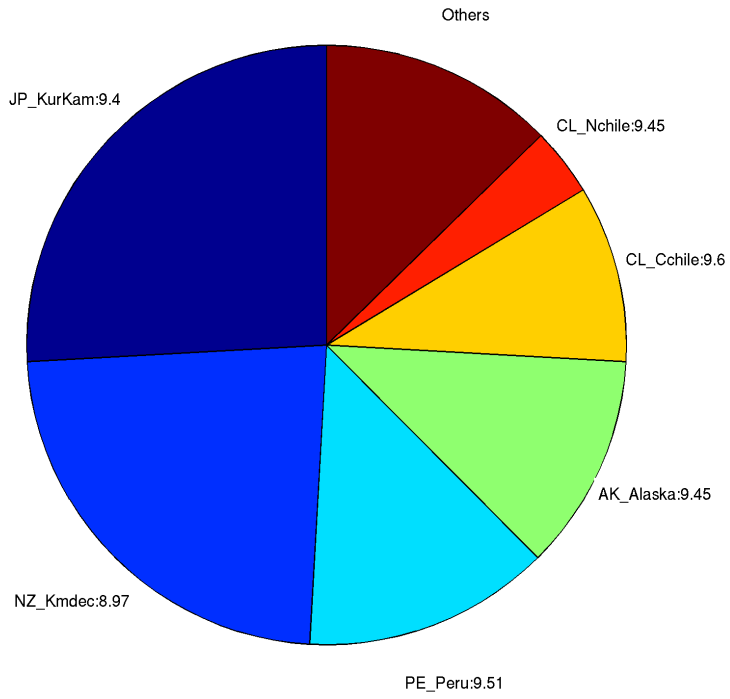


## 129. Kaipara Entrance North

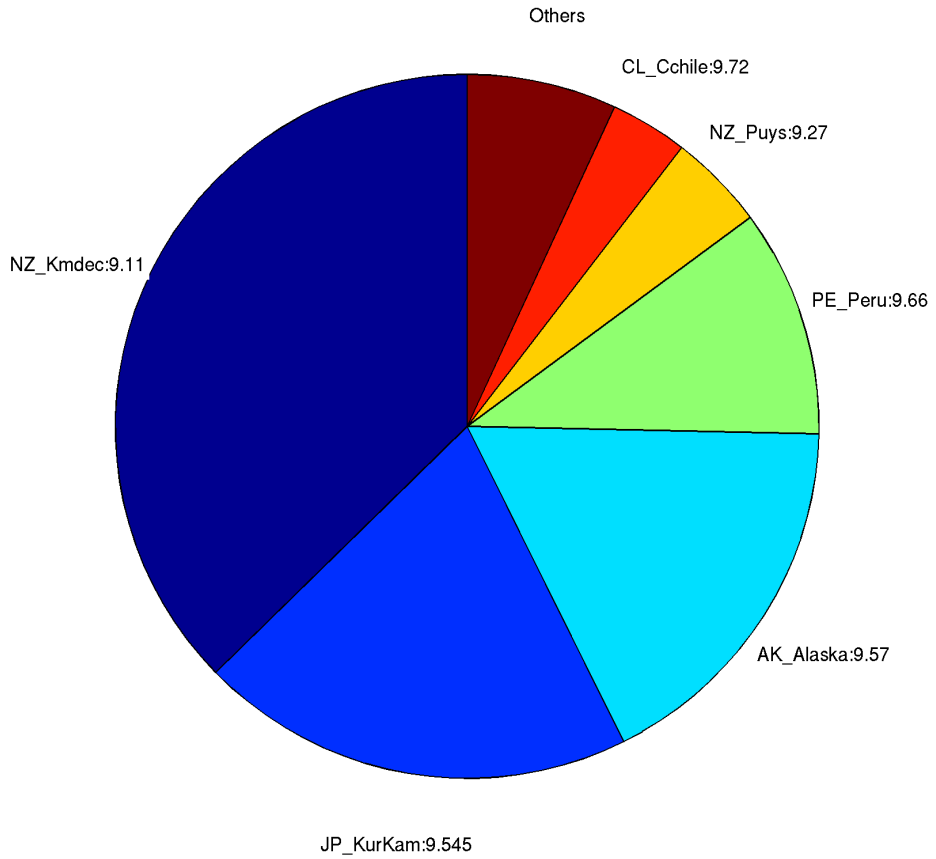




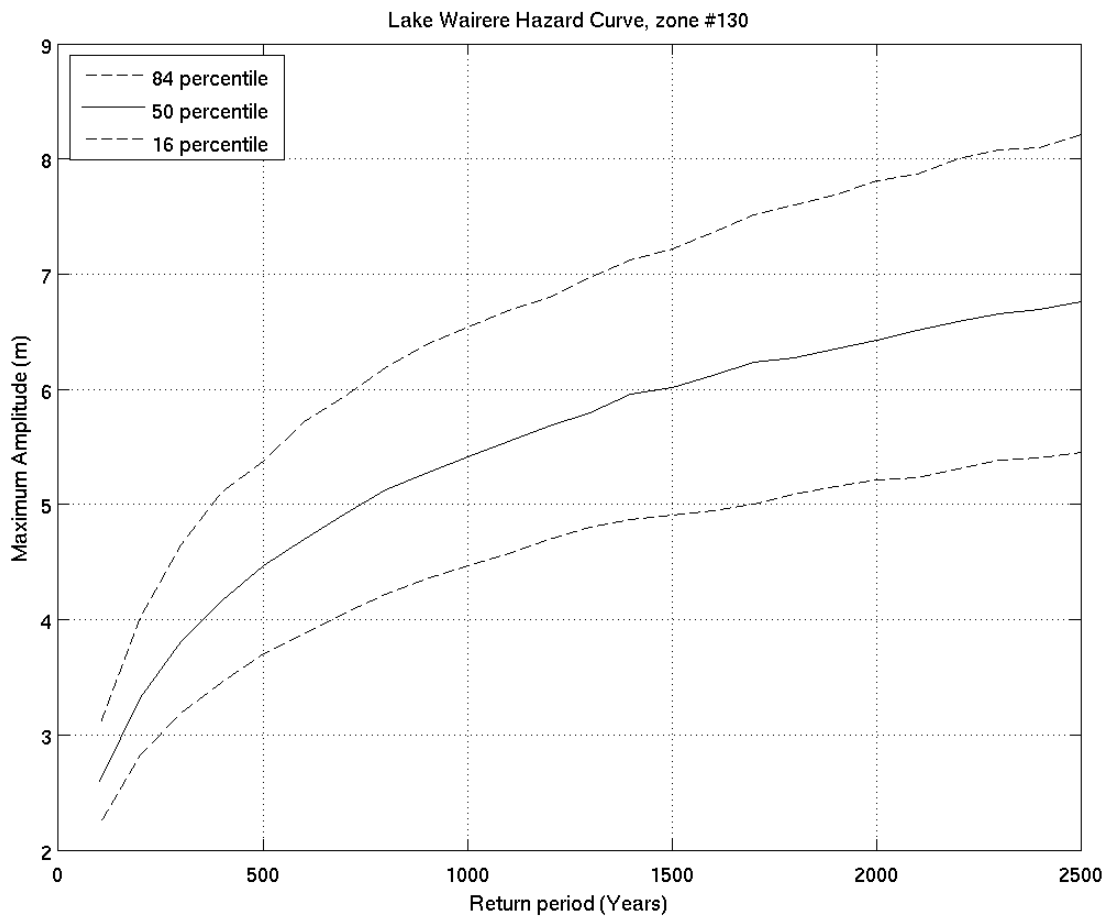
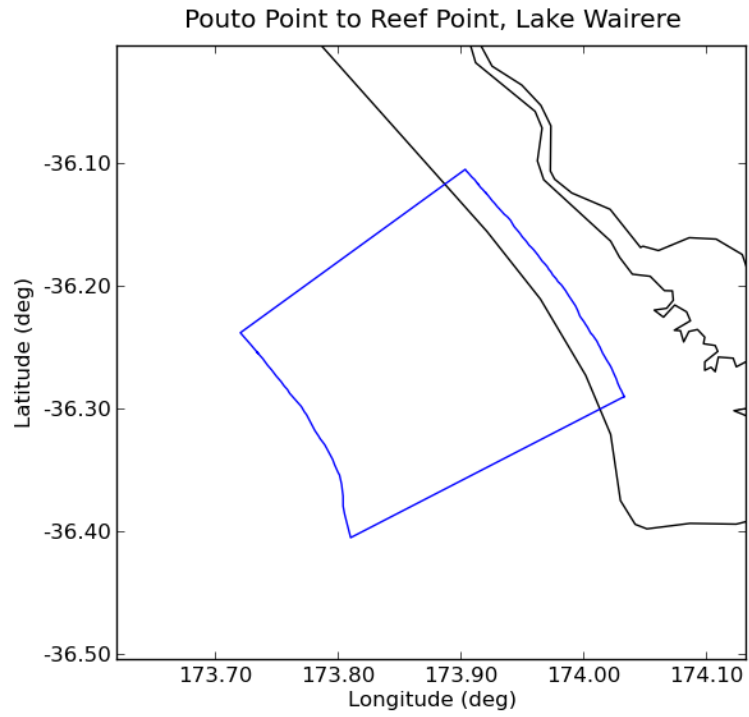
Deaggregation of Zone:129, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7657 m



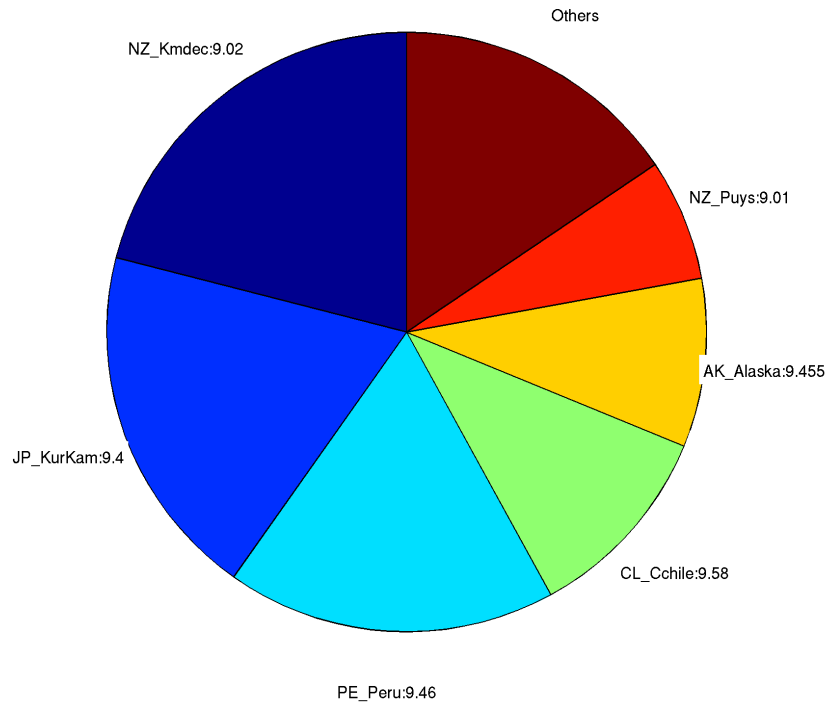
Deaggregation of Zone:129, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.365 m



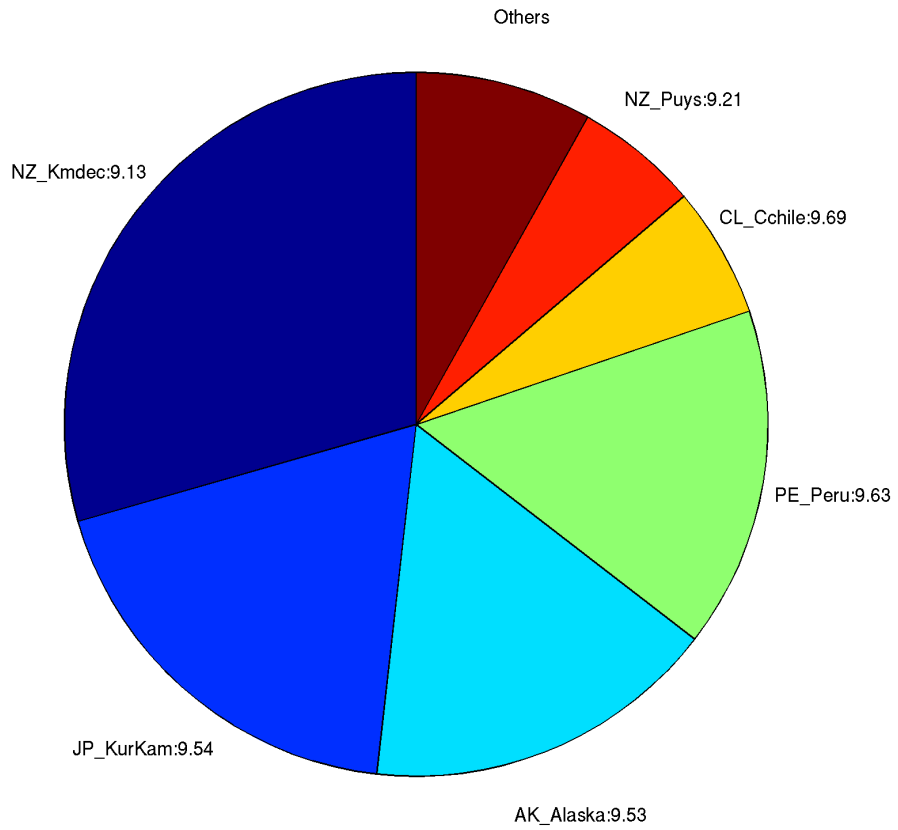
130. *Lake Wairere*



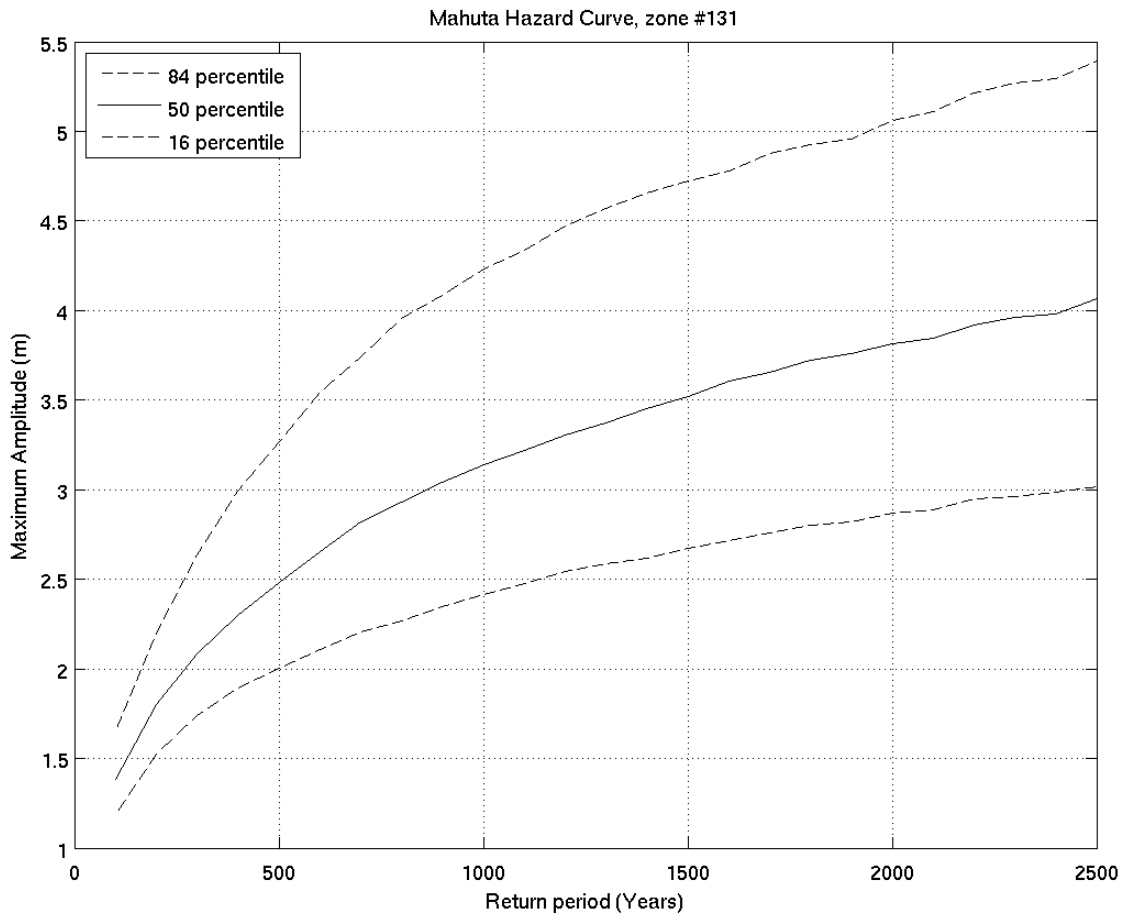
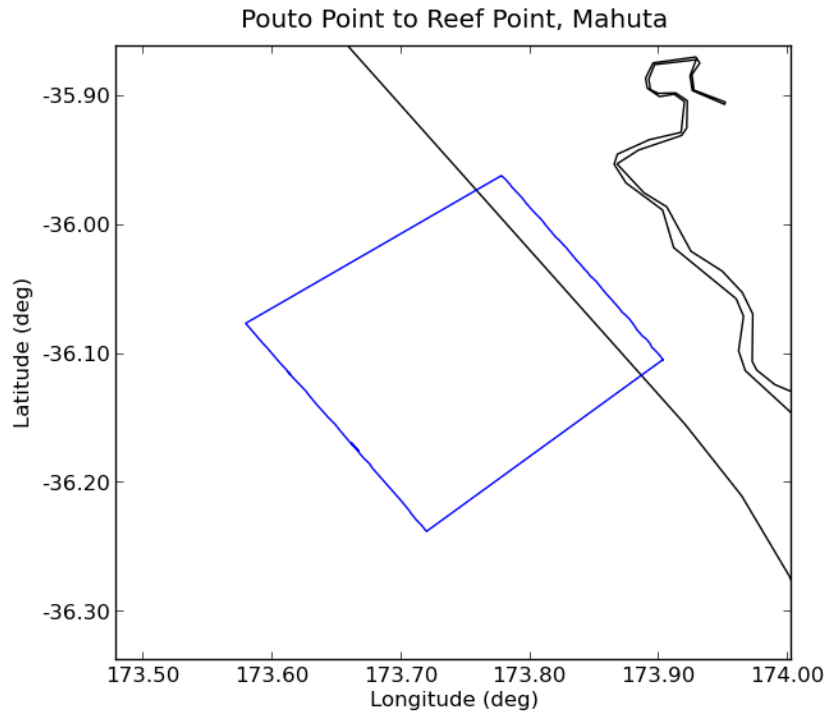
Deaggregation of Zone:130, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4649 m



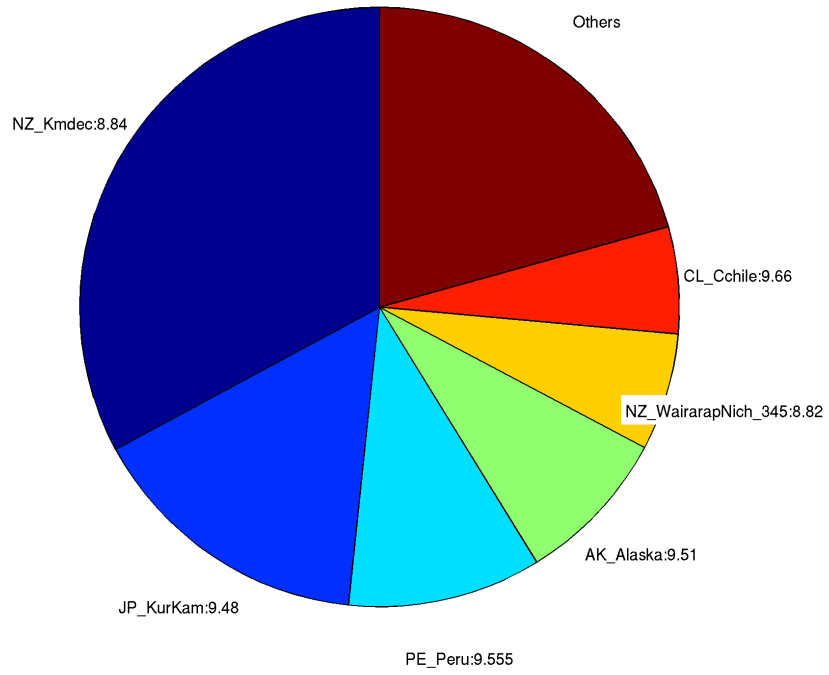
Deaggregation of Zone:130, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7558 m



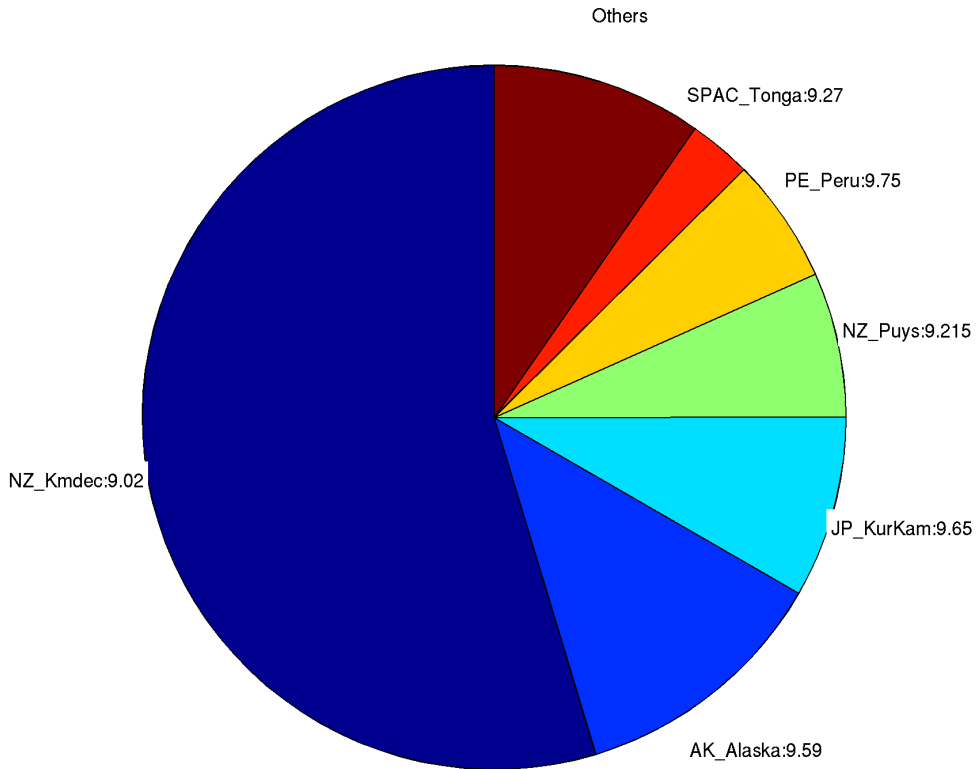
131. *Mahuta*



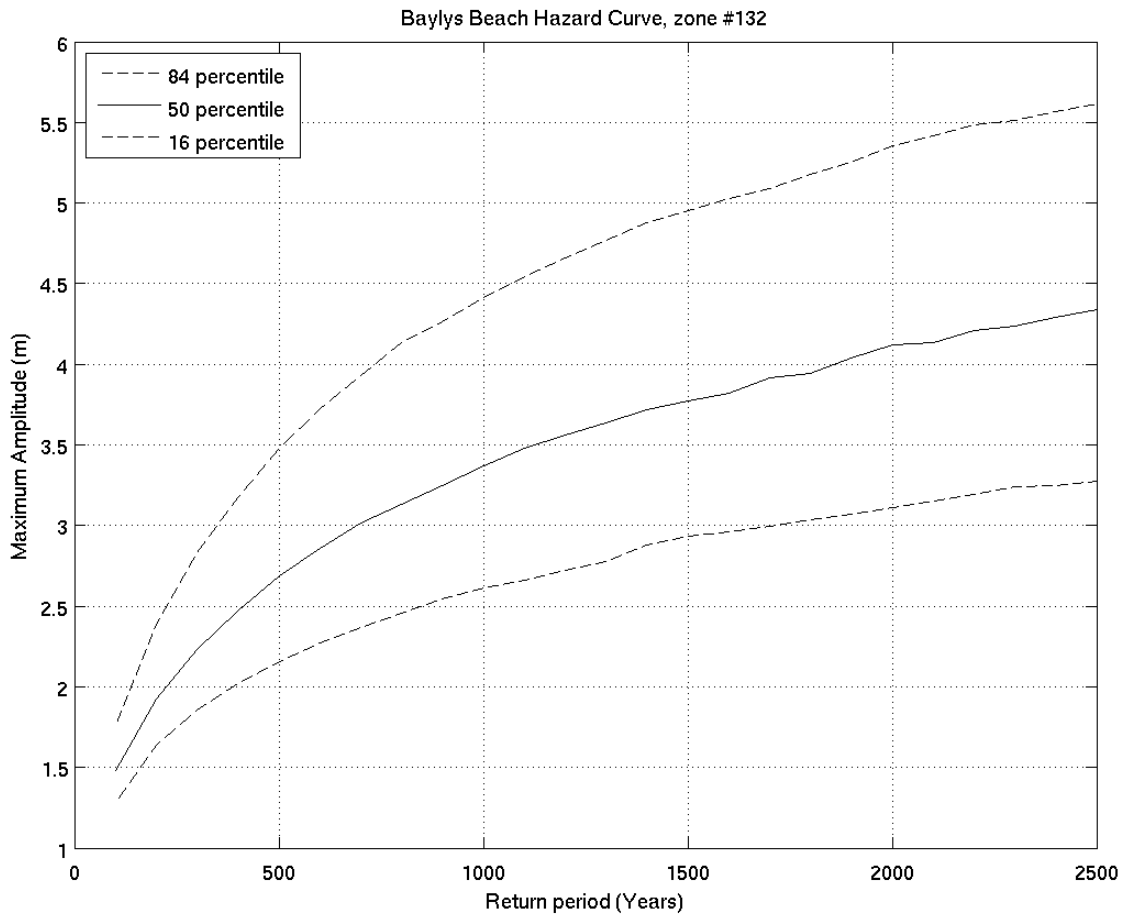
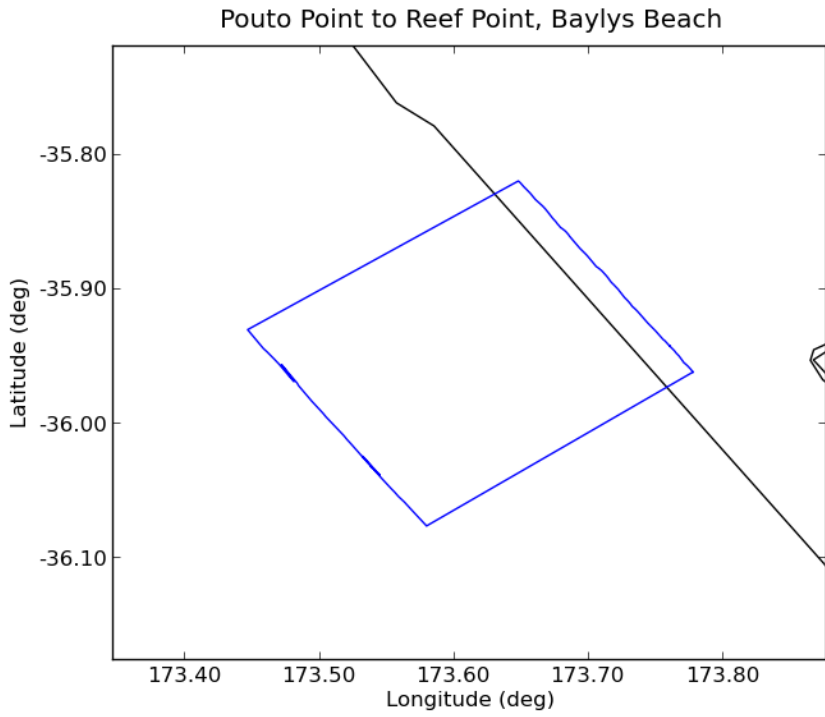
Deaggregation of Zone:131, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.4806 m



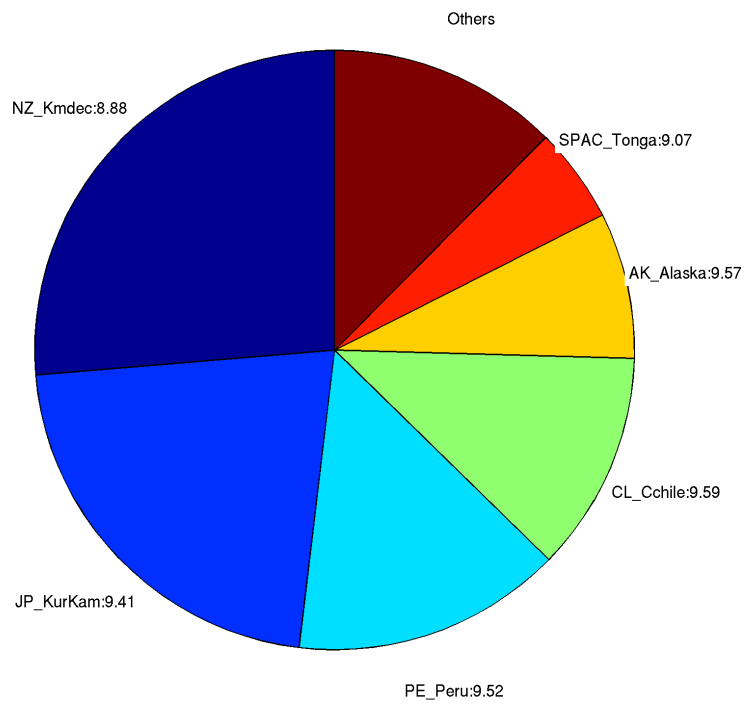
Deaggregation of Zone:131, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0636 m



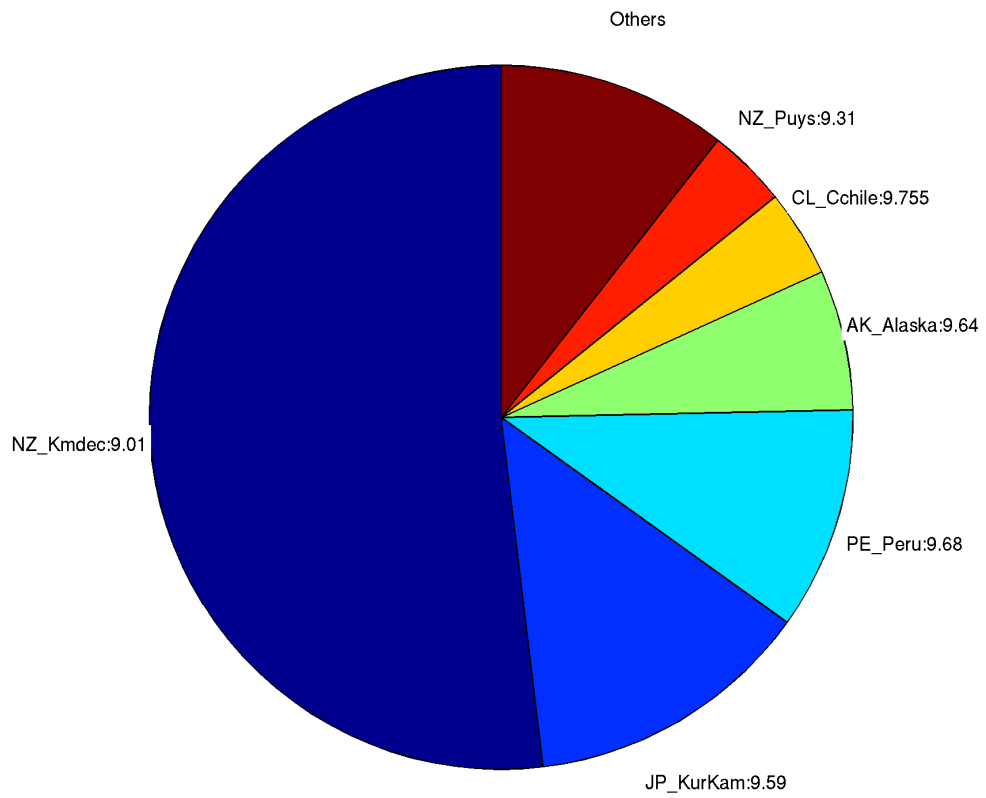
132. **Baylys Beach**



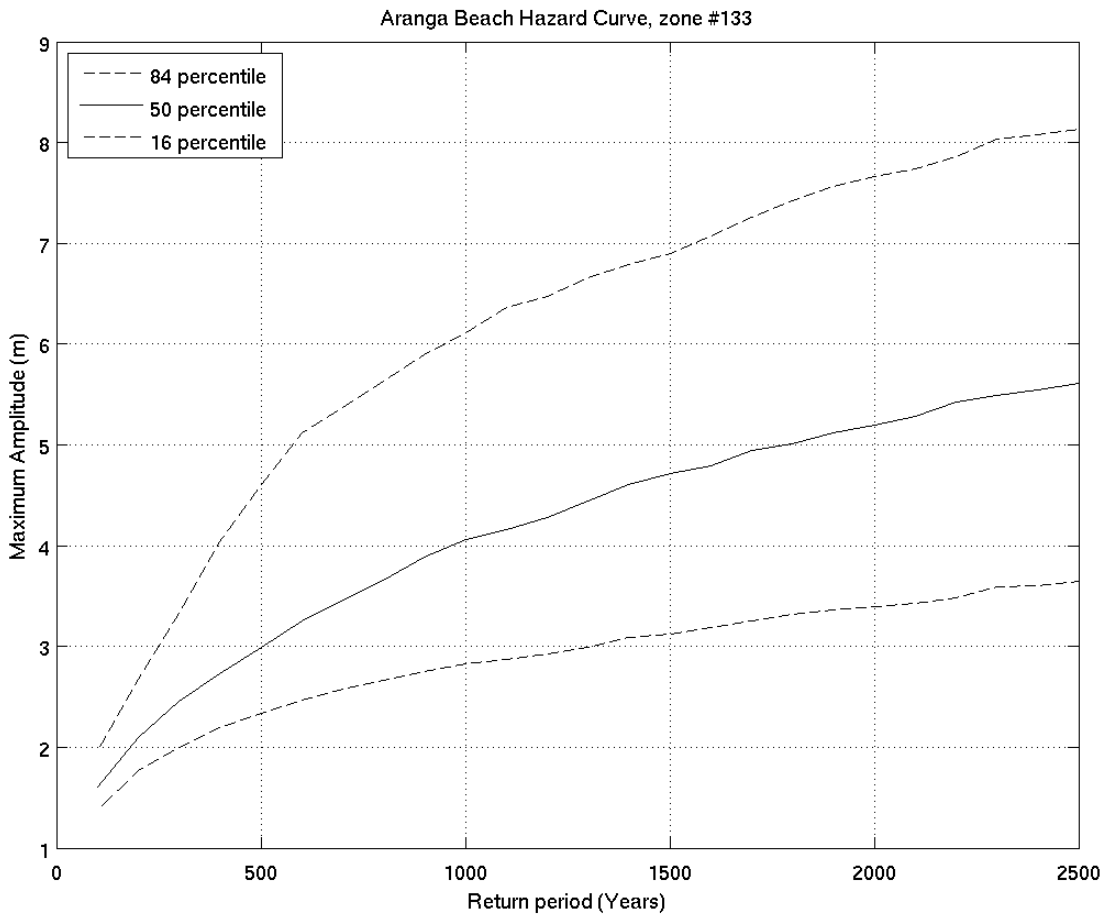
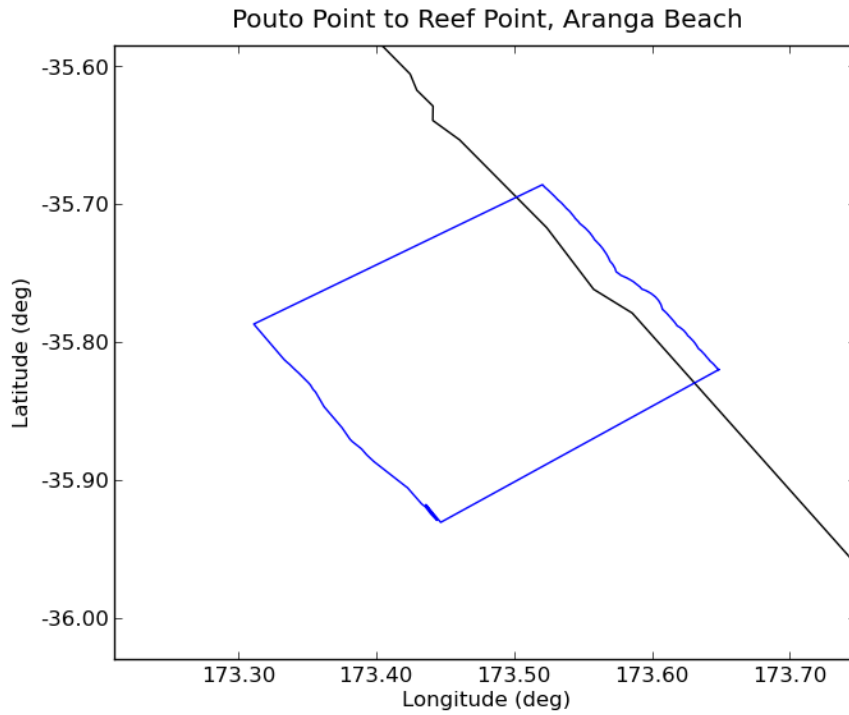
Deaggregation of Zone:132, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6853 m



Deaggregation of Zone:132, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.2932 m

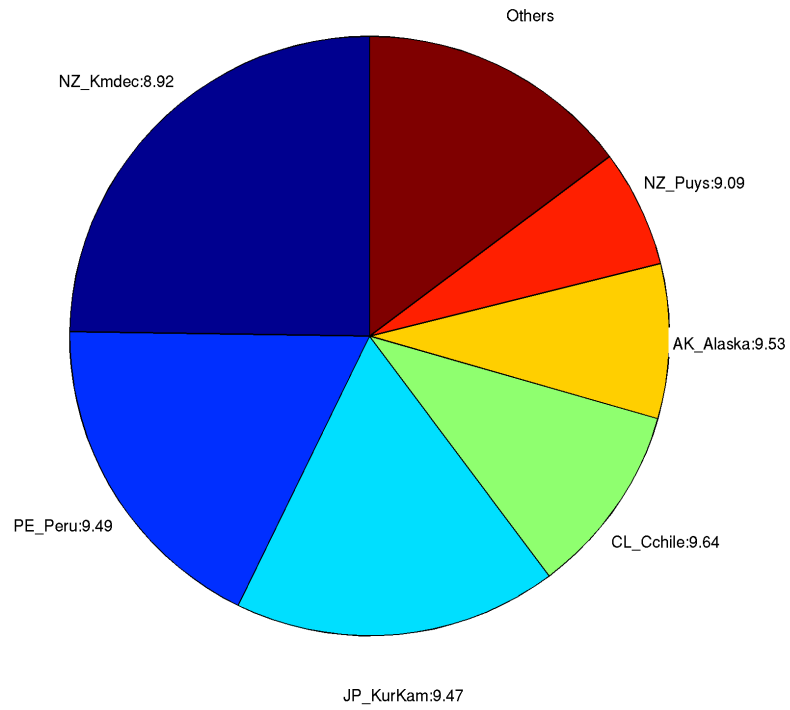


### 133. Aranga Beach

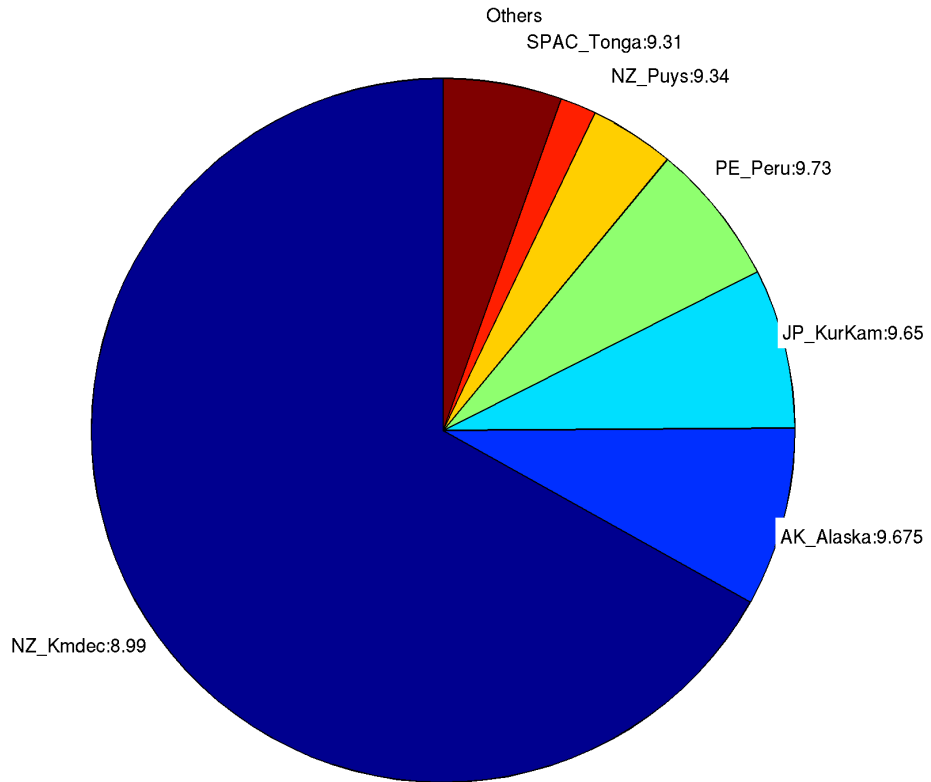




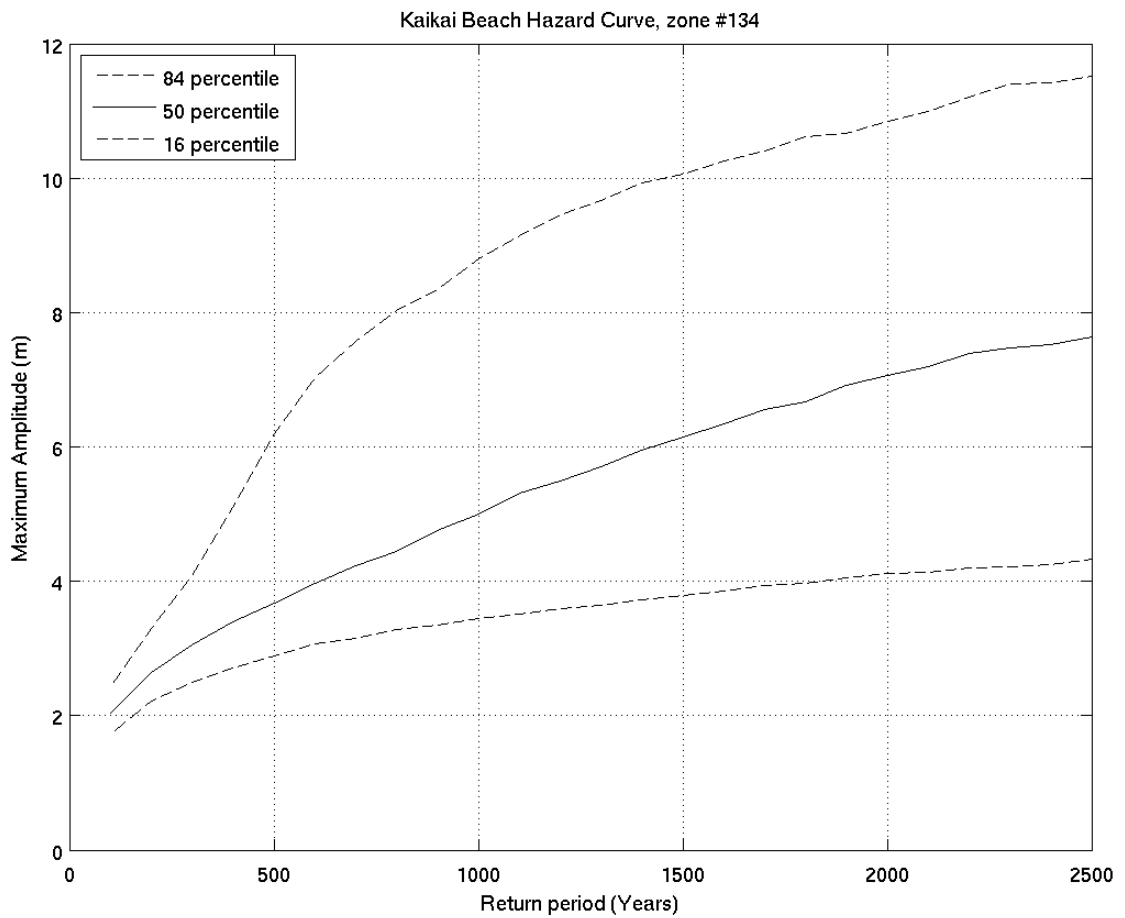
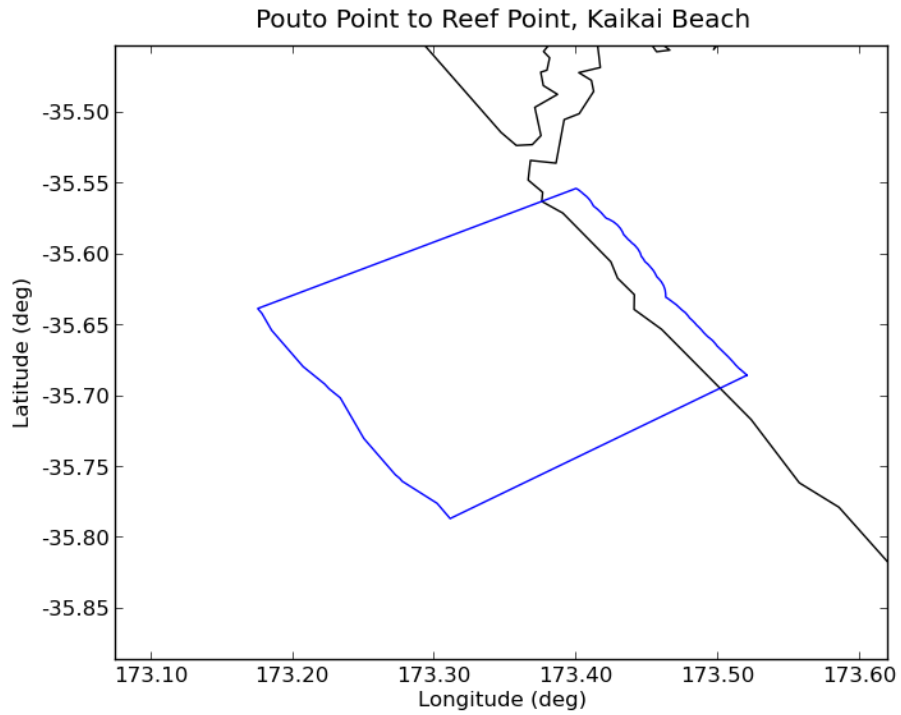
Deaggregation of Zone:133, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9952 m



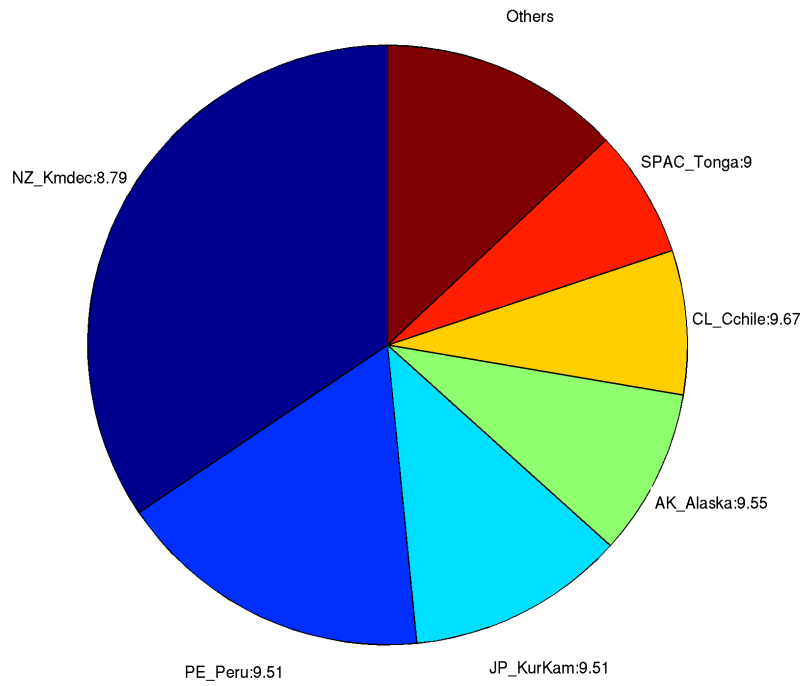
Deaggregation of Zone:133, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.6073 m



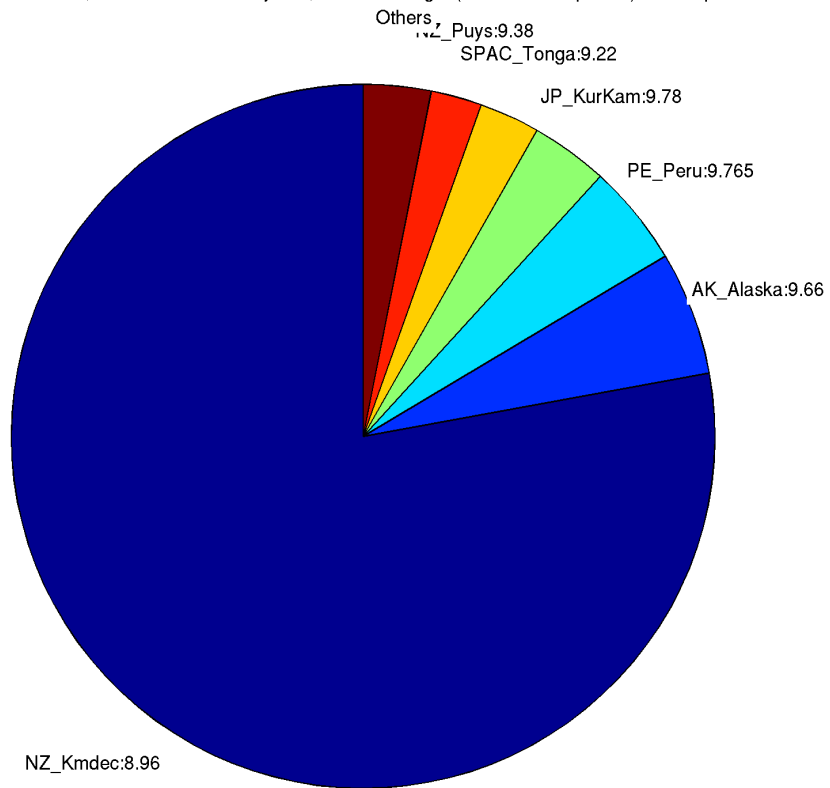
134. *Kaikai Beach*



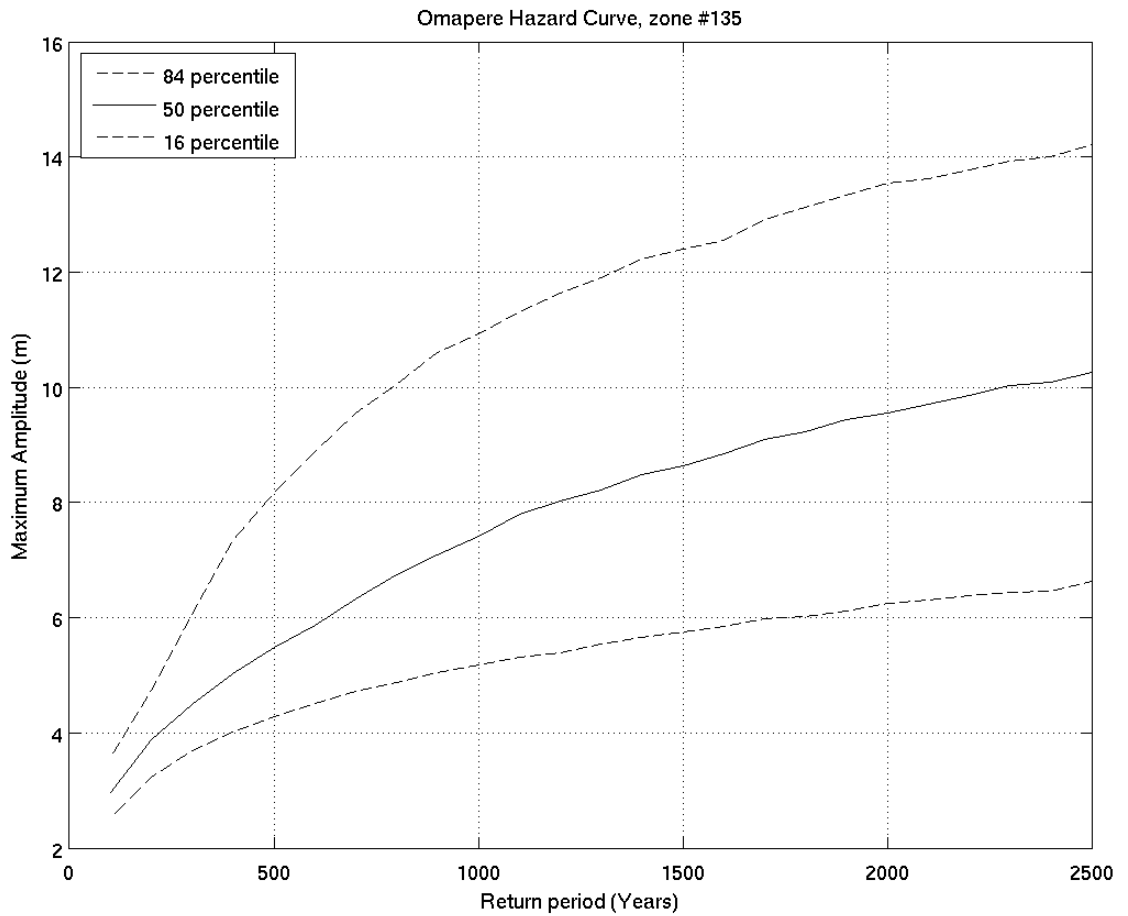
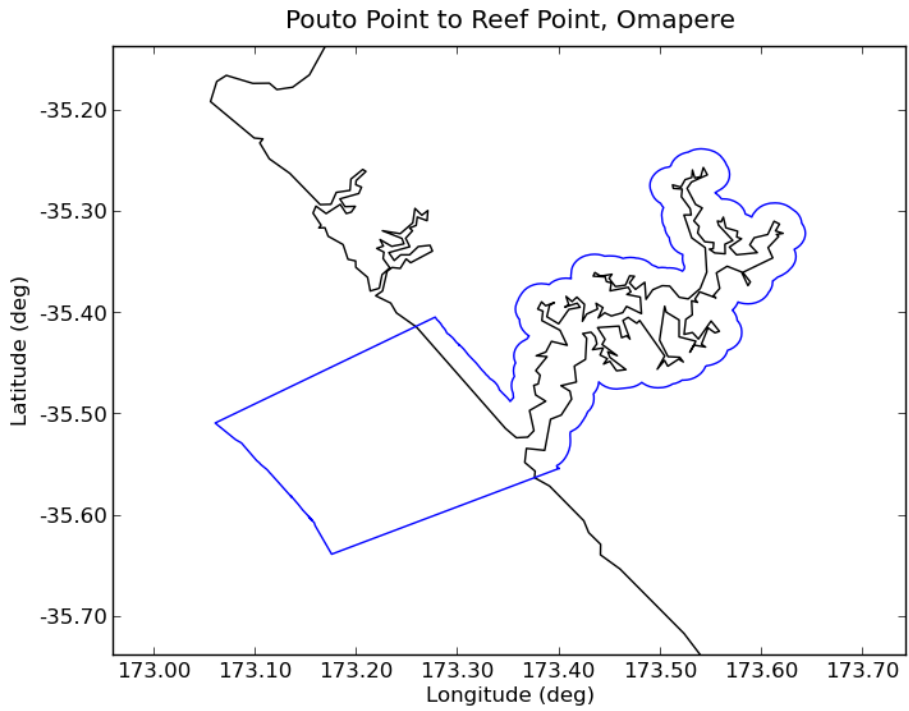
Deaggregation of Zone:134, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6683 m



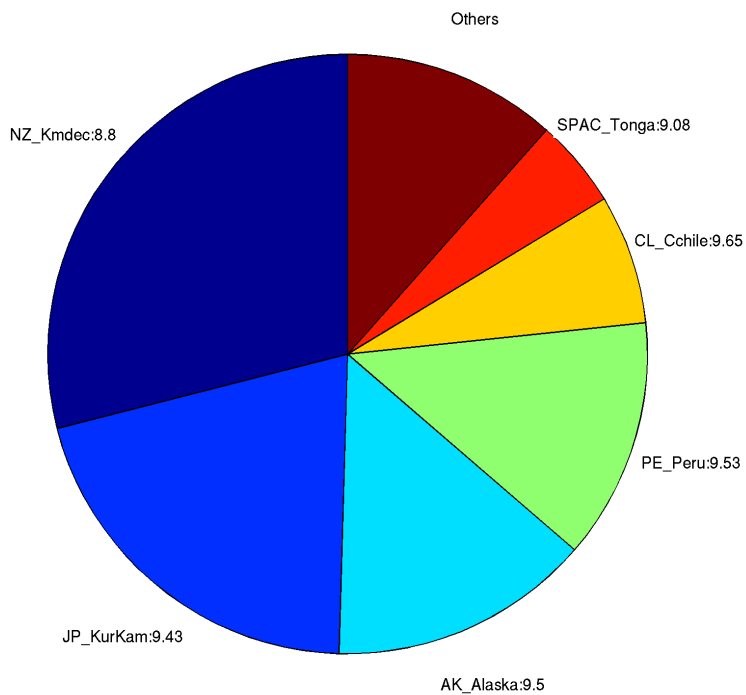
Deaggregation of Zone:134, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.6166 m



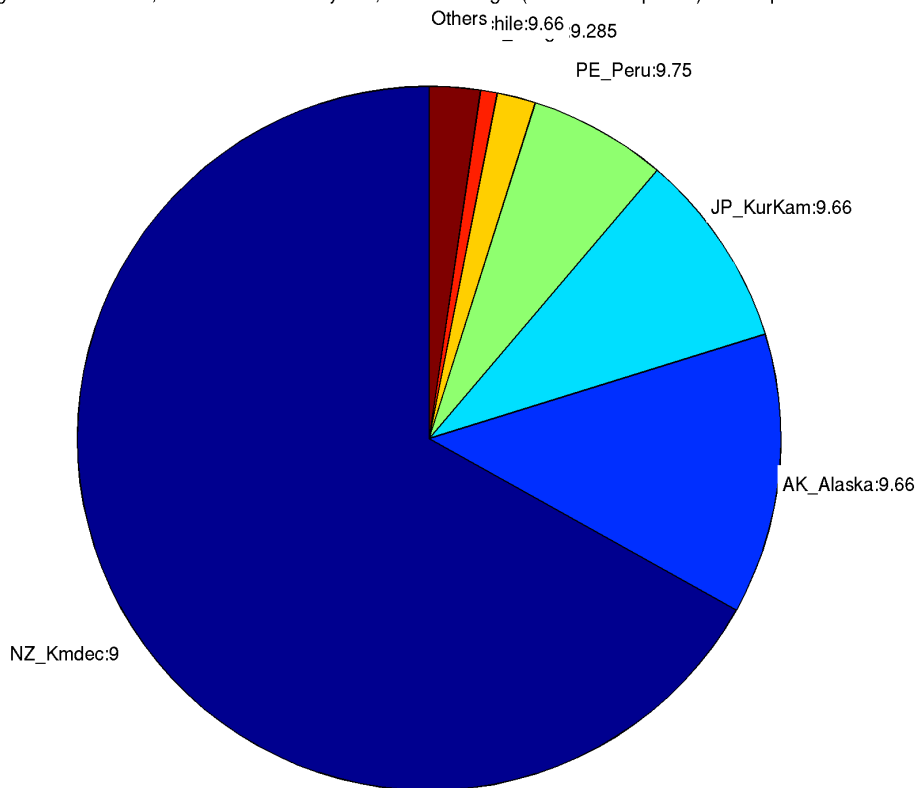
135. **Omapere**



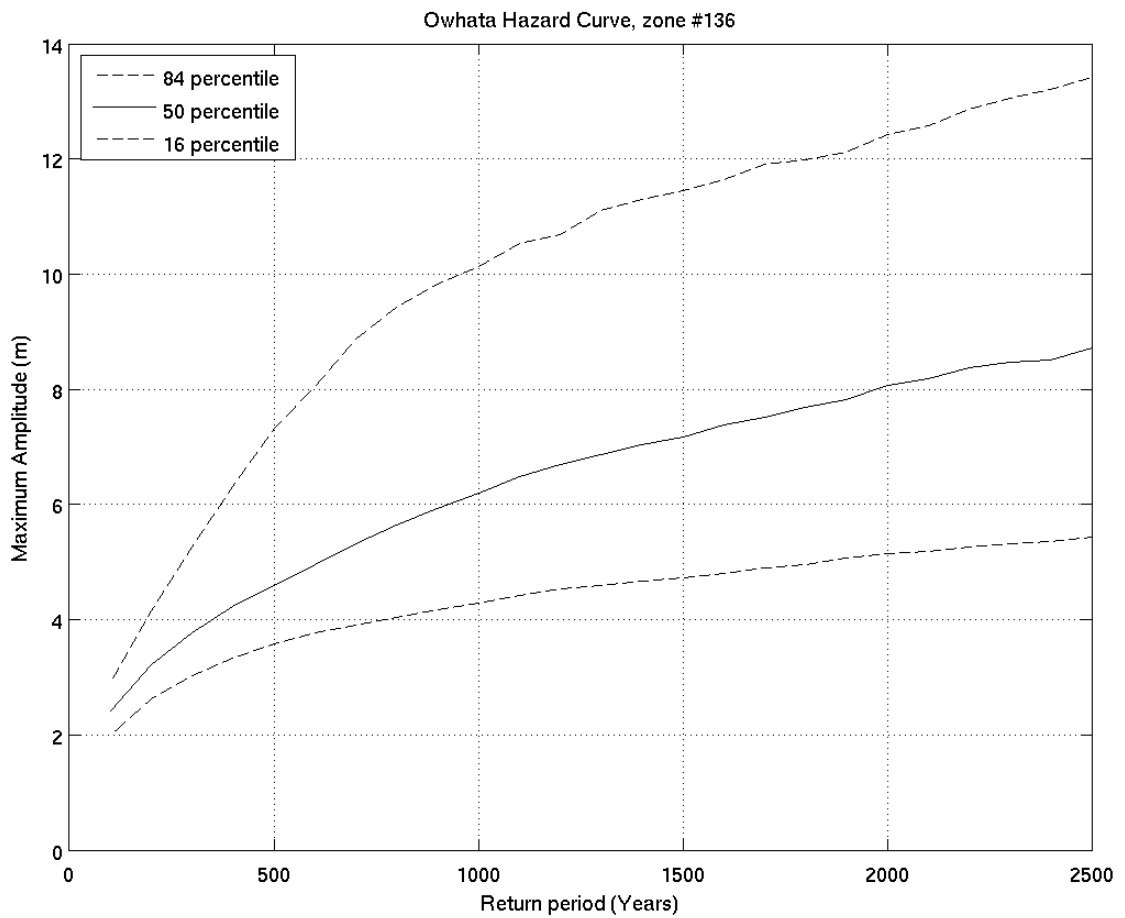
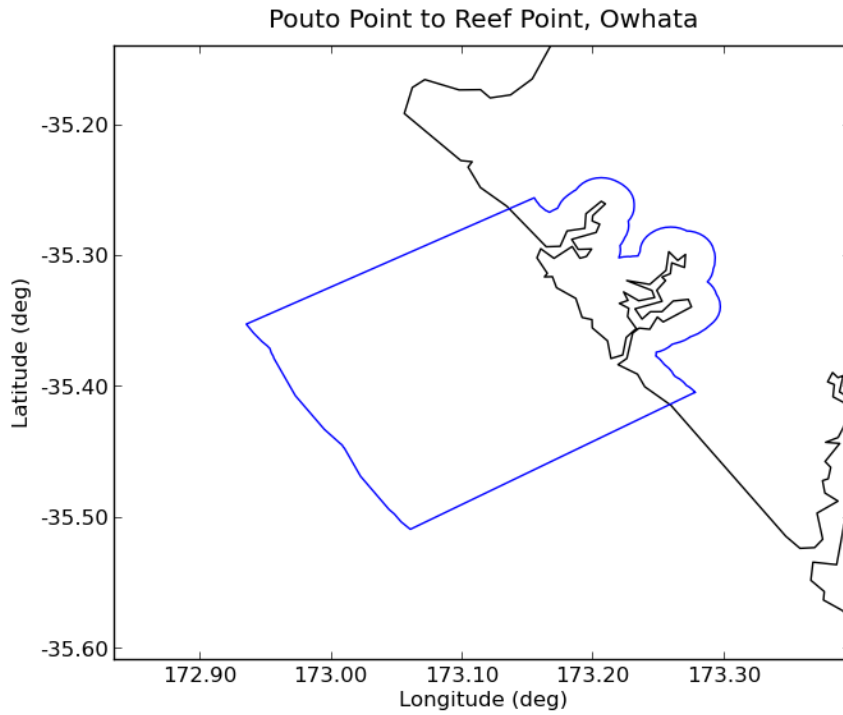
Deaggregation of Zone:135, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4738 m



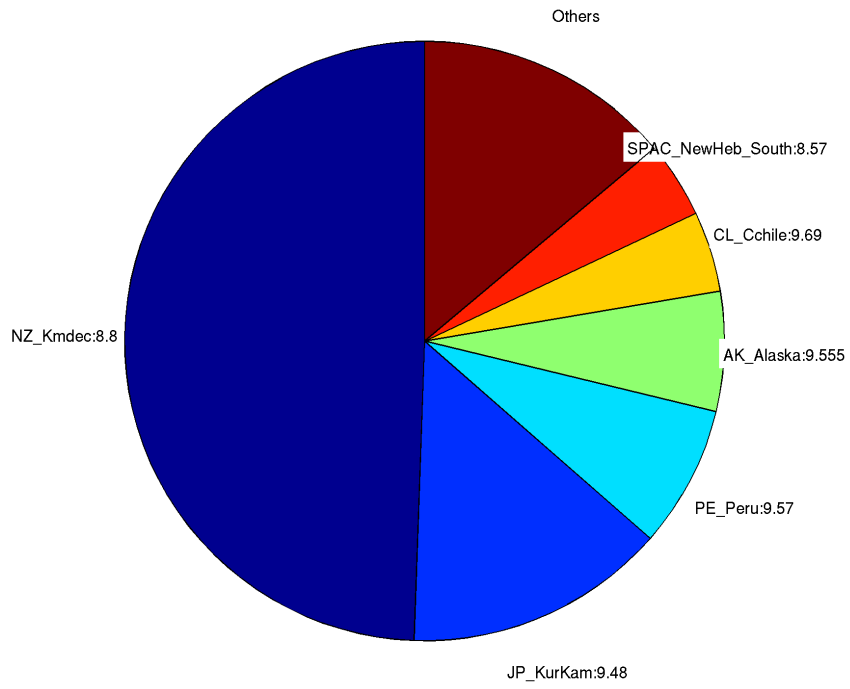
Deaggregation of Zone:135, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.253 m



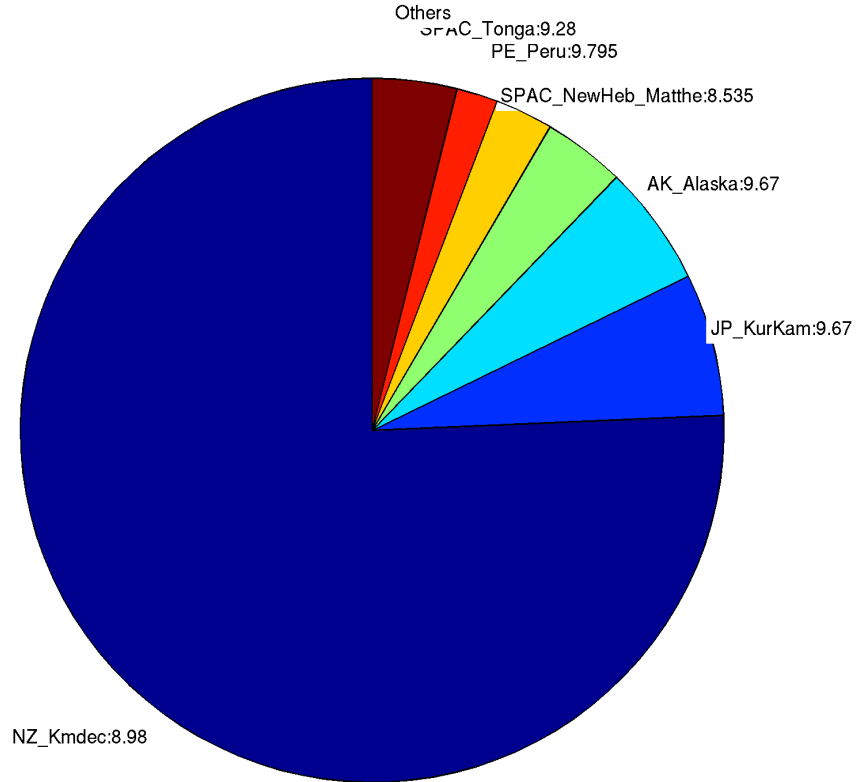
136. *Owhata*



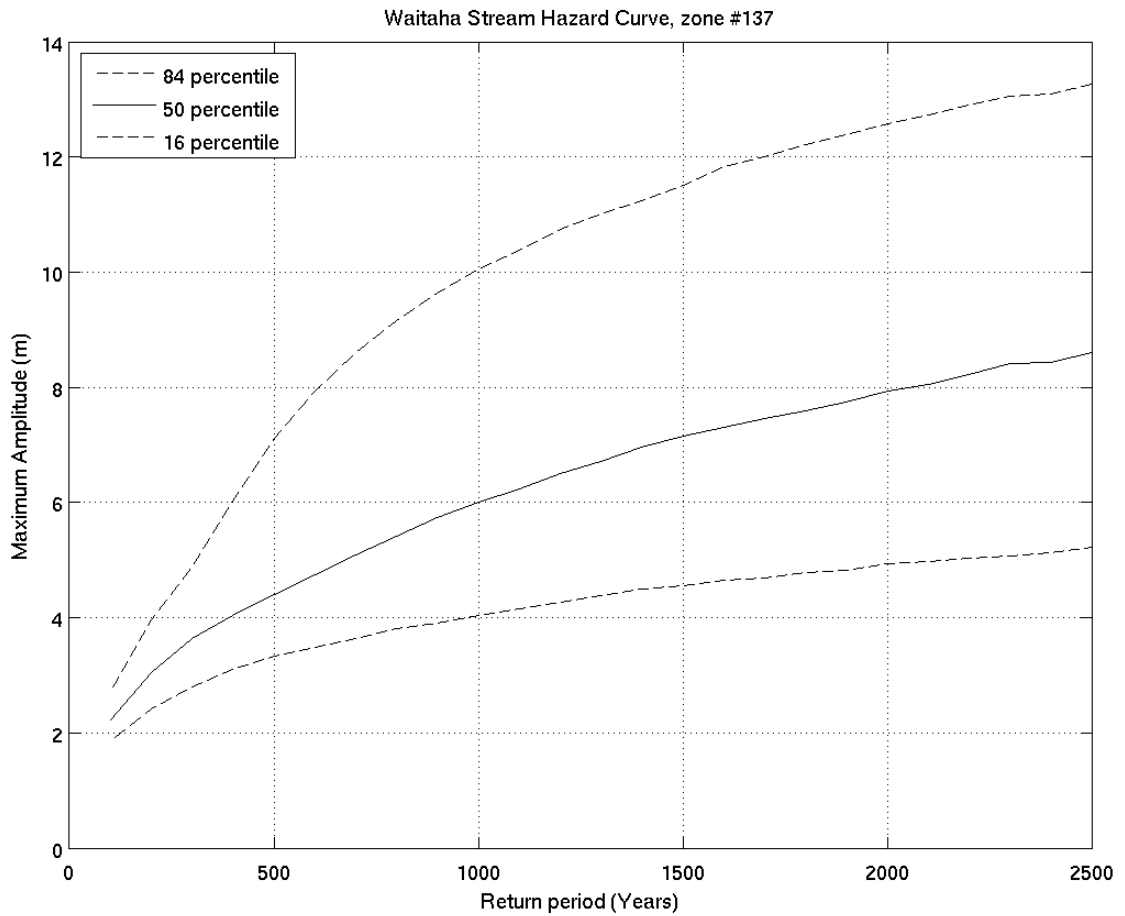
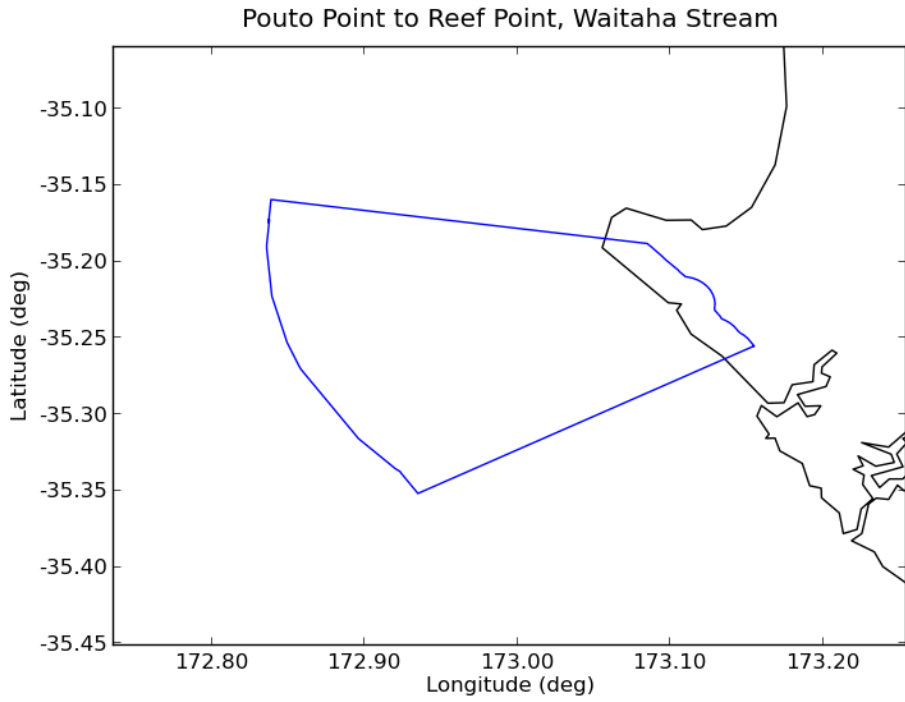
Deaggregation of Zone:136, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5962 m



Deaggregation of Zone:136, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.7049 m

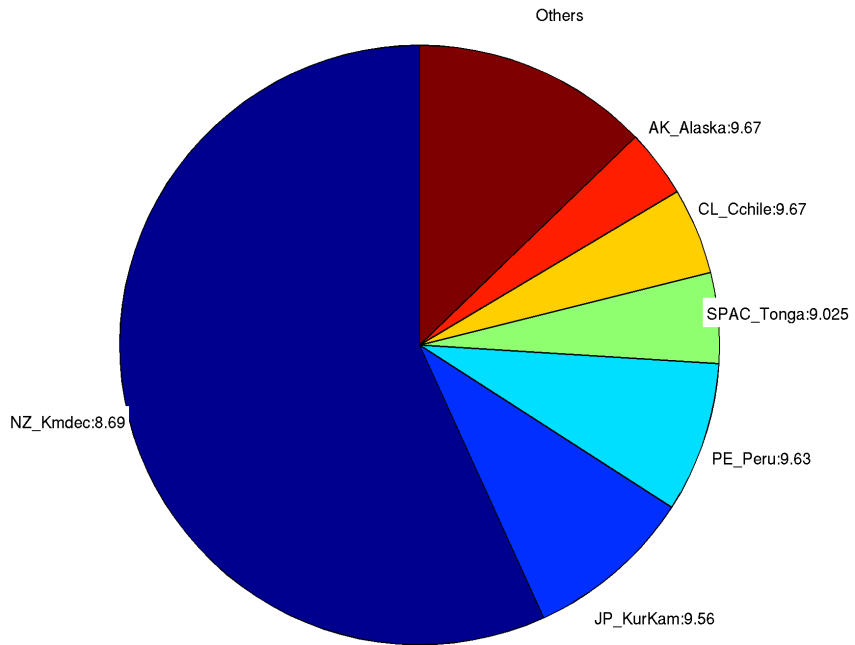


### 137. Waitaha Stream

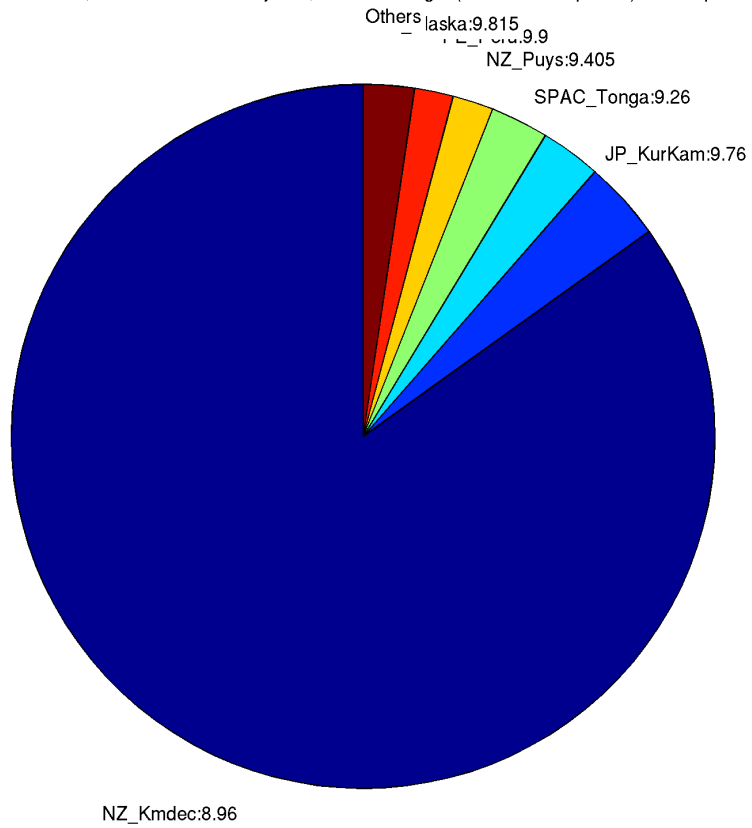




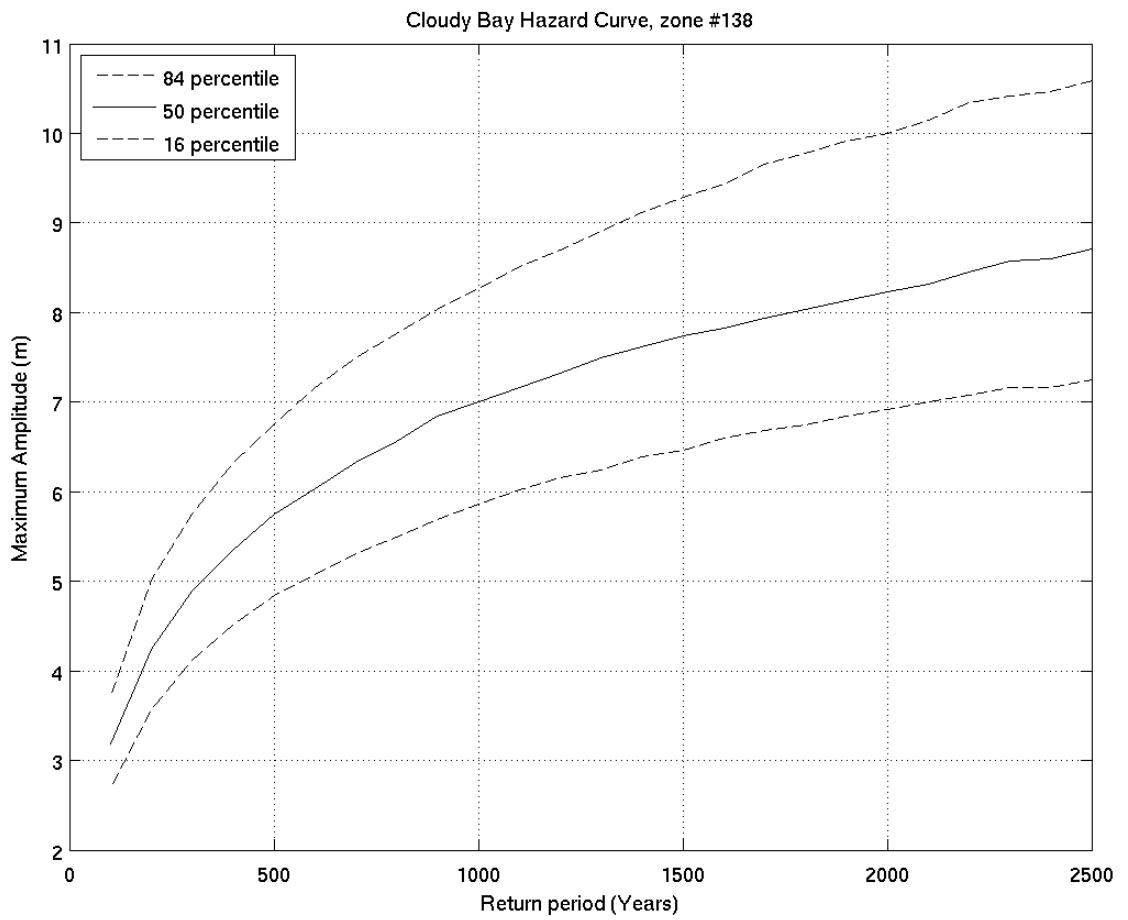
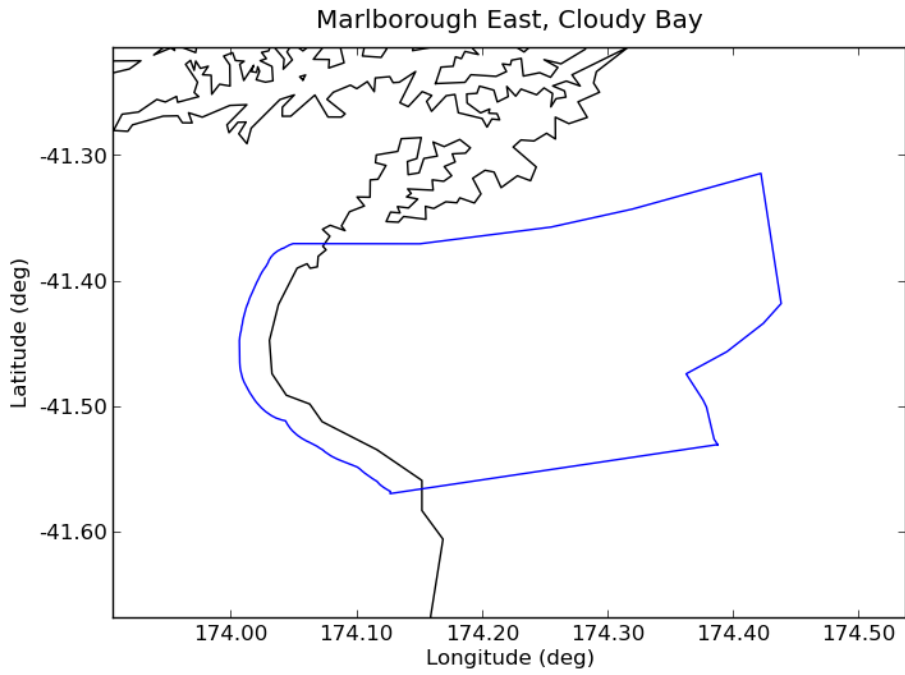
Deaggregation of Zone:137, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.3992 m



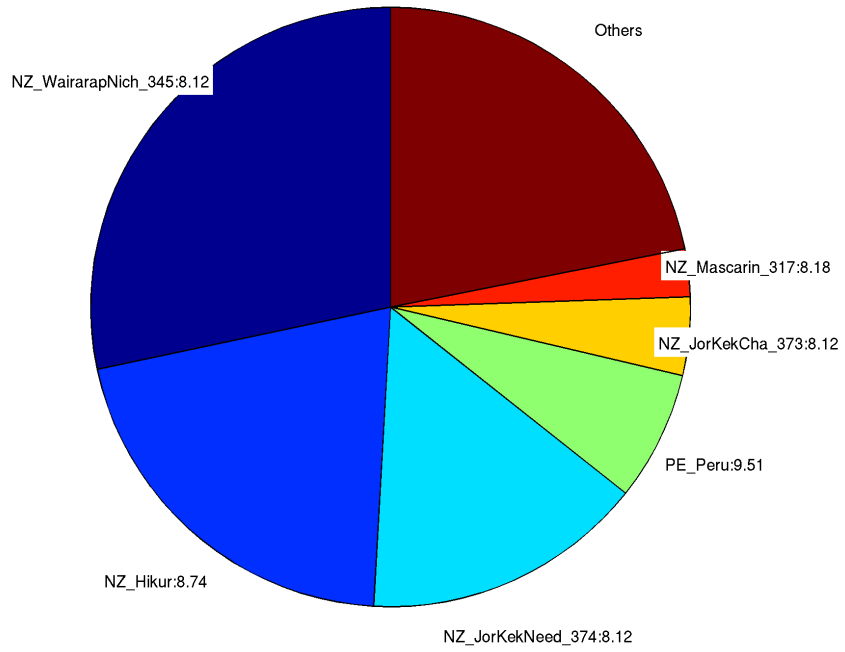
Deaggregation of Zone:137, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5906 m



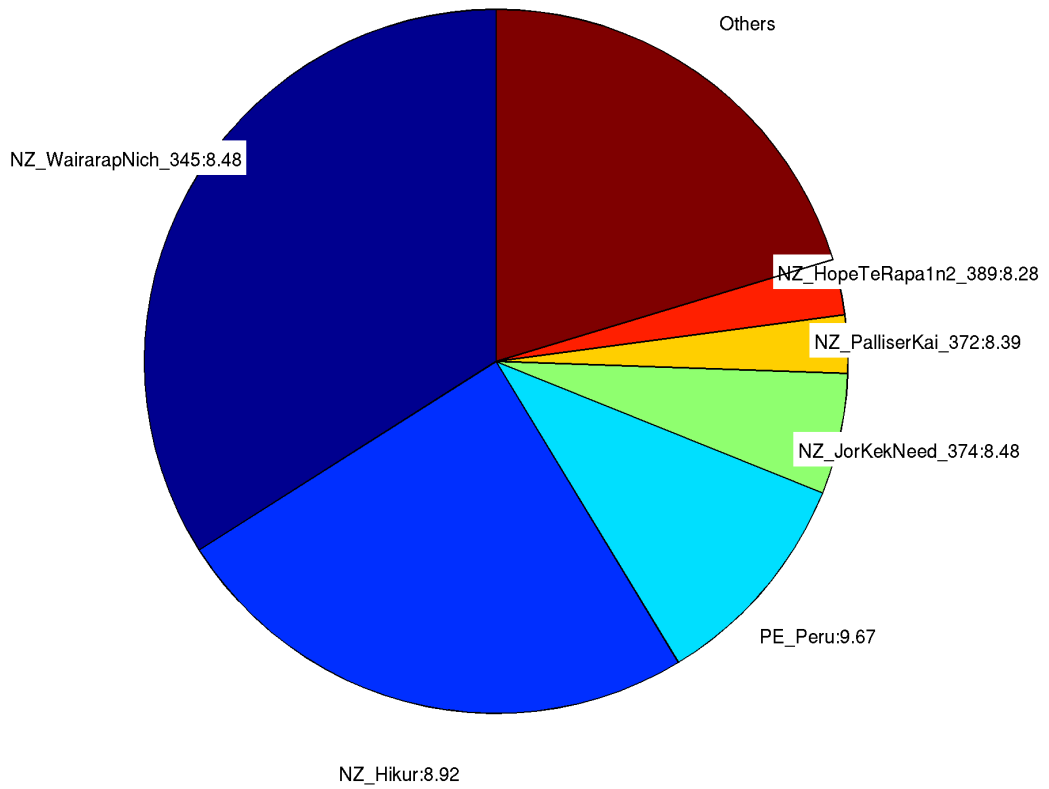
138. **Cloudy Bay**



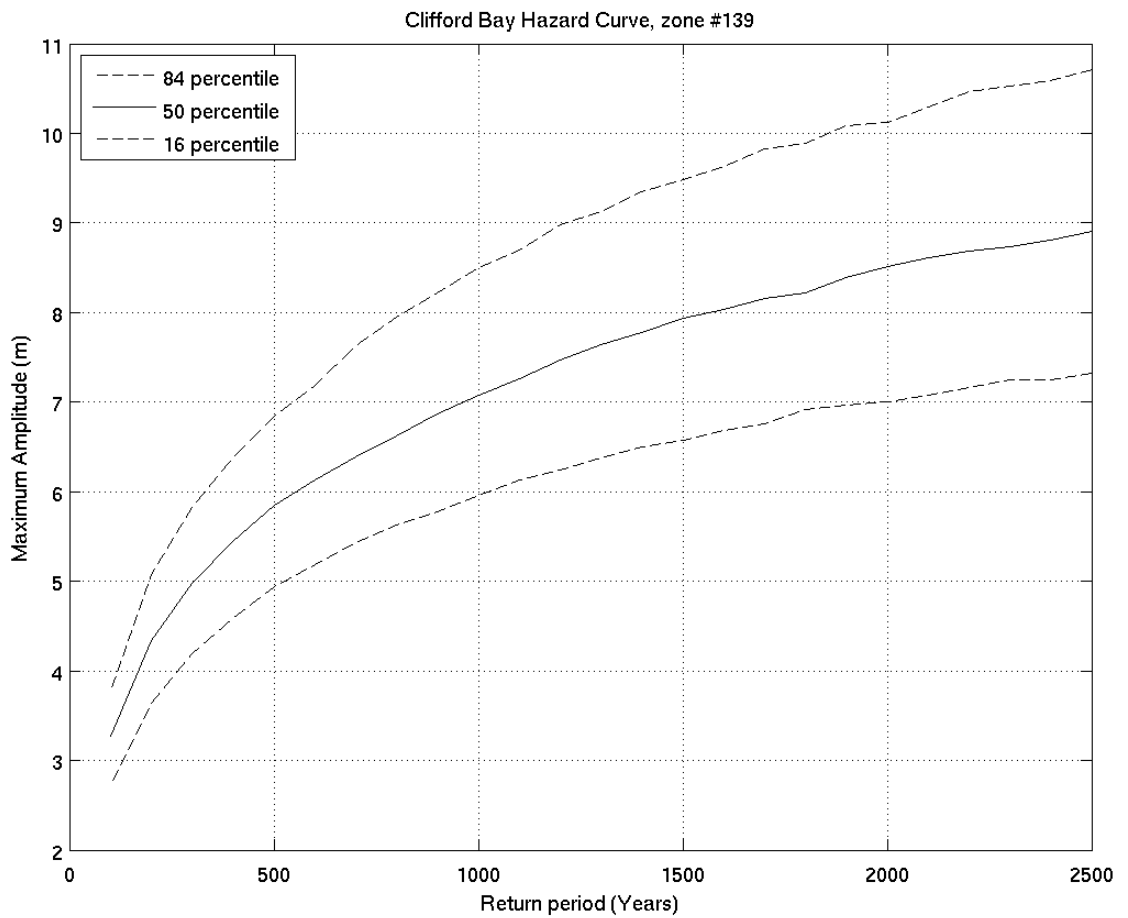
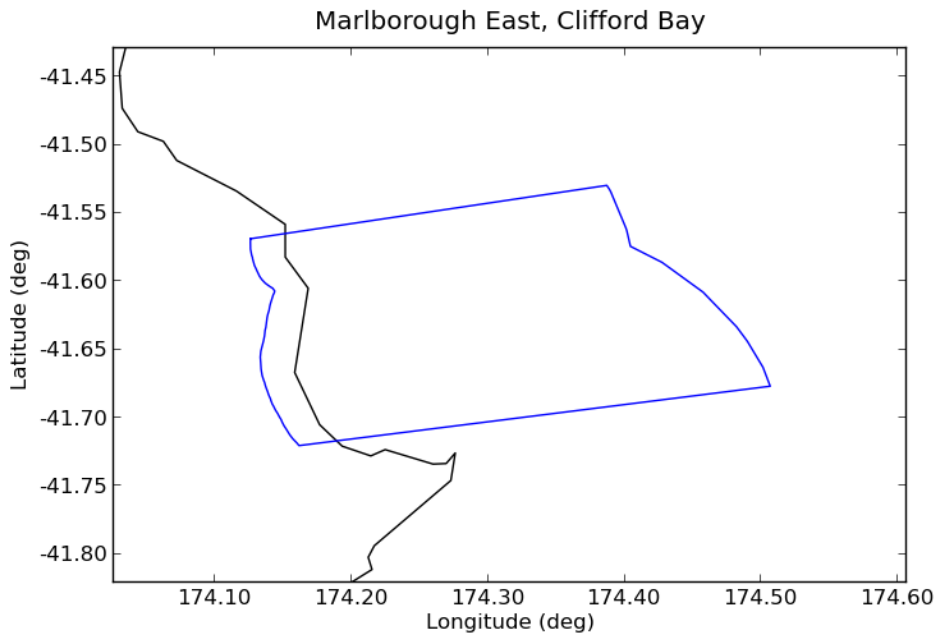
Deaggregation of Zone:138, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7506 m



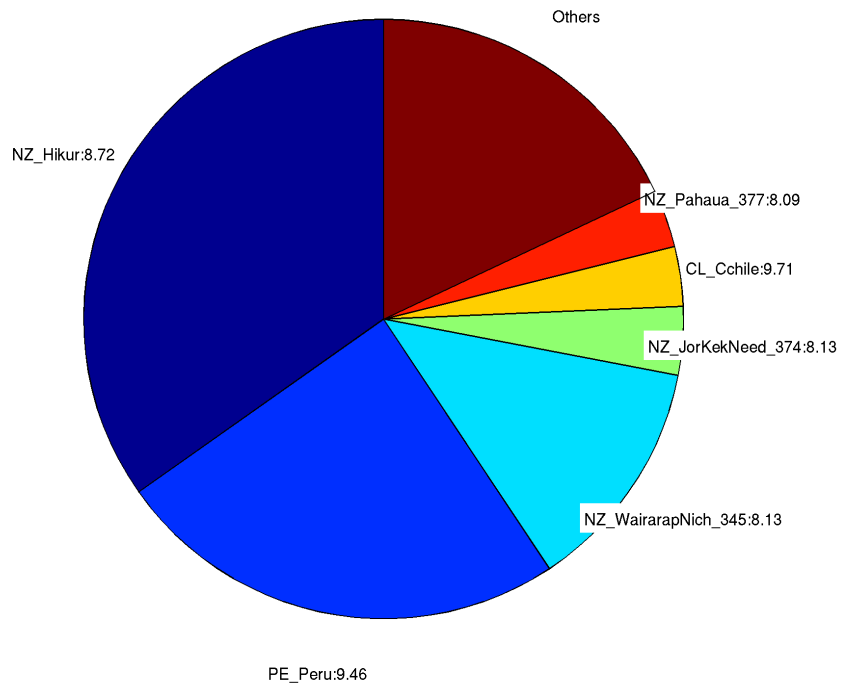
Deaggregation of Zone:138, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.7016 m



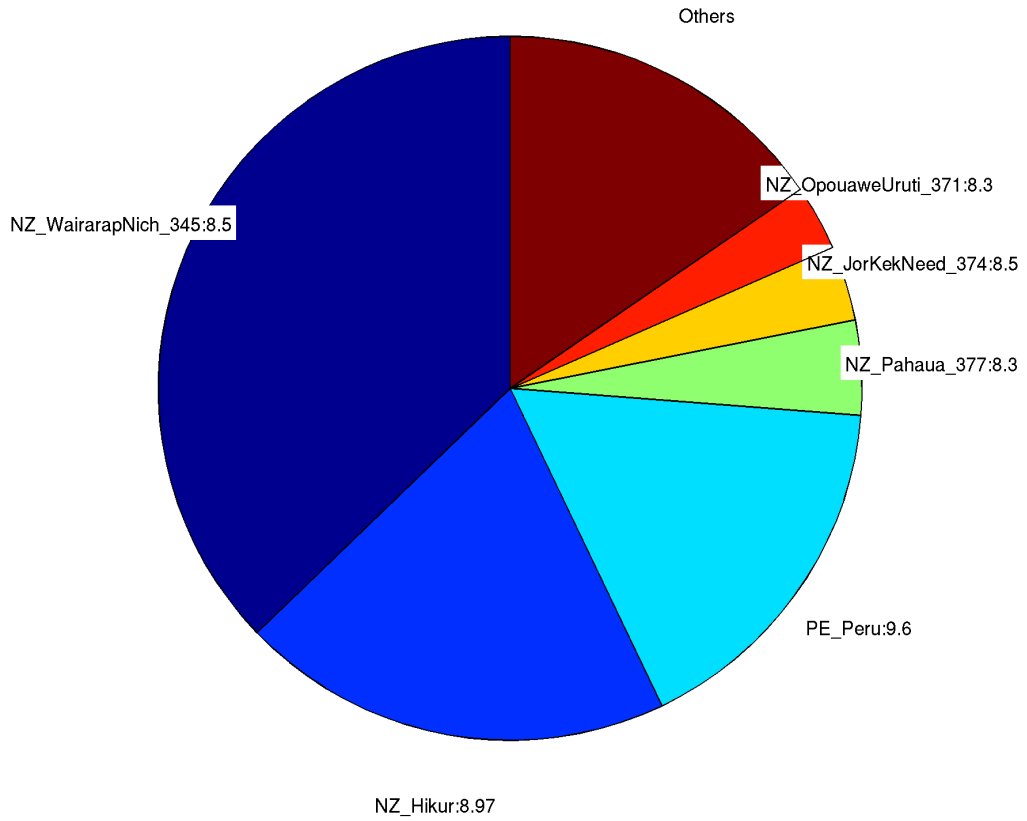
139. **Clifford Bay**



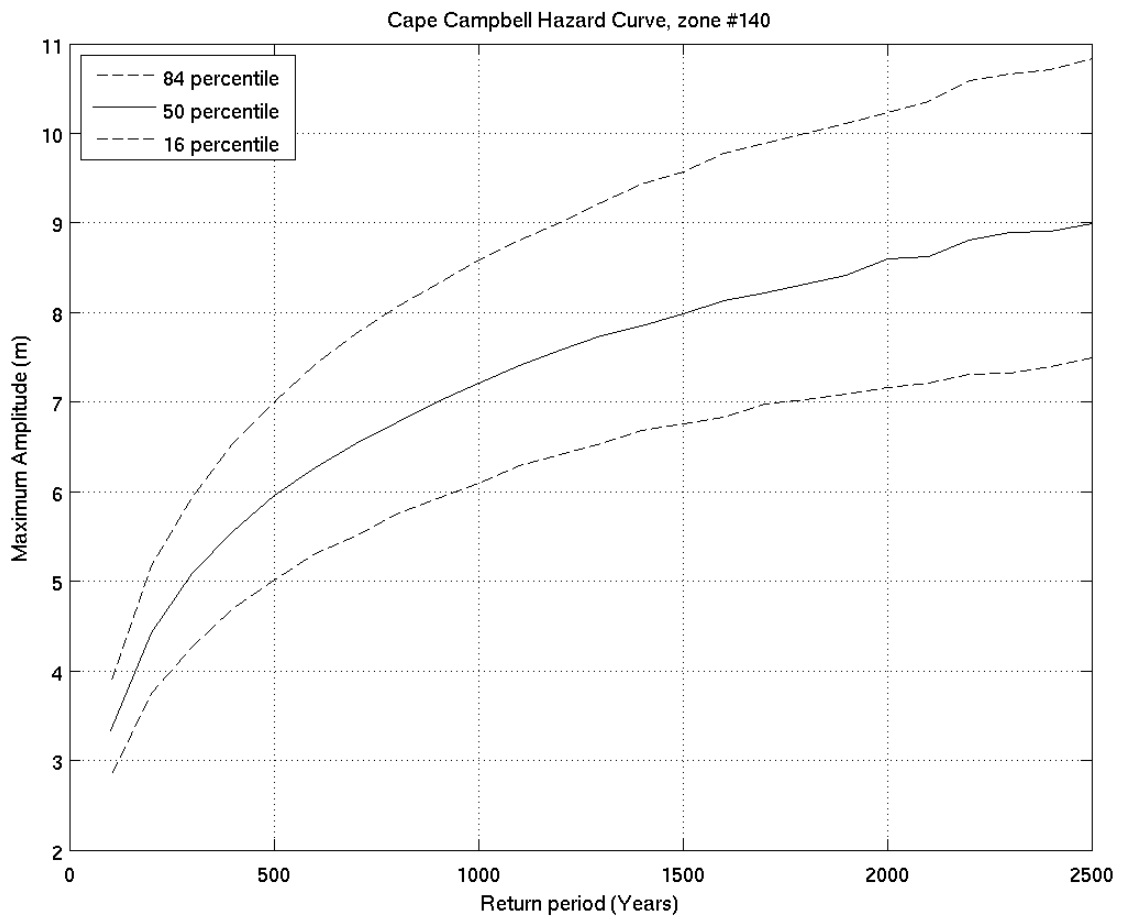
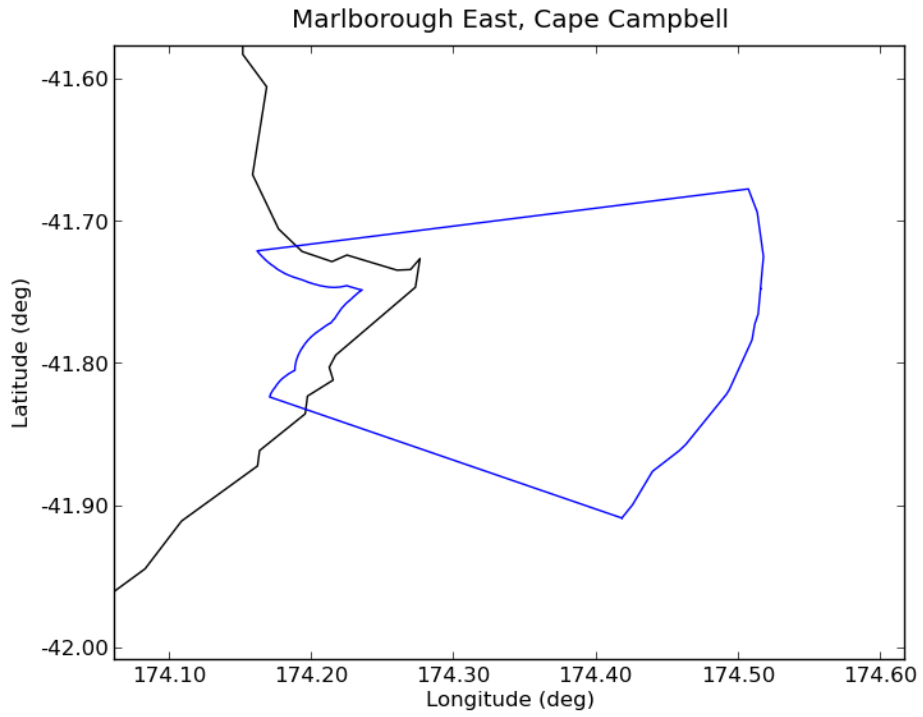
Deaggregation of Zone:139, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8459 m



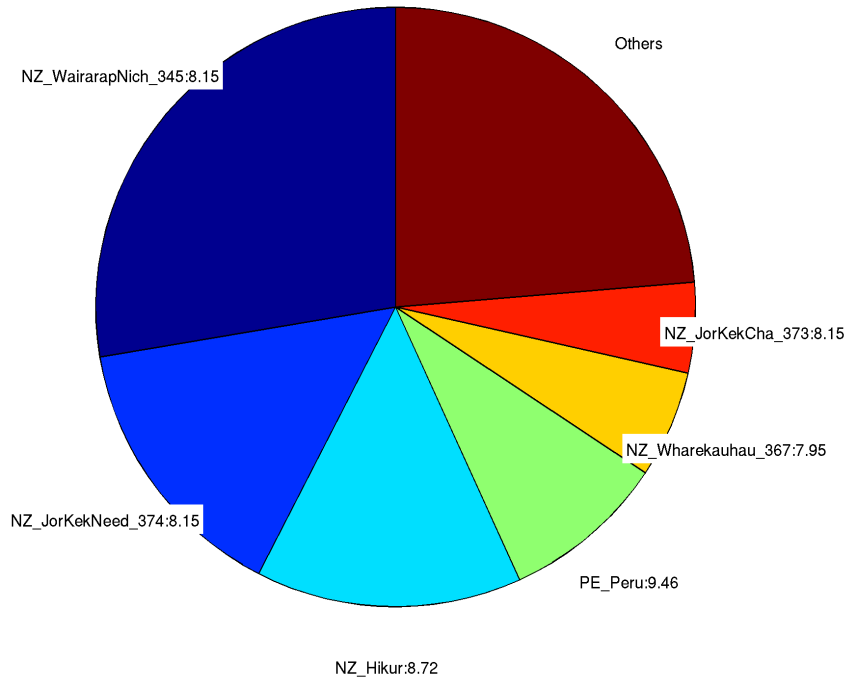
Deaggregation of Zone:139, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.9125 m



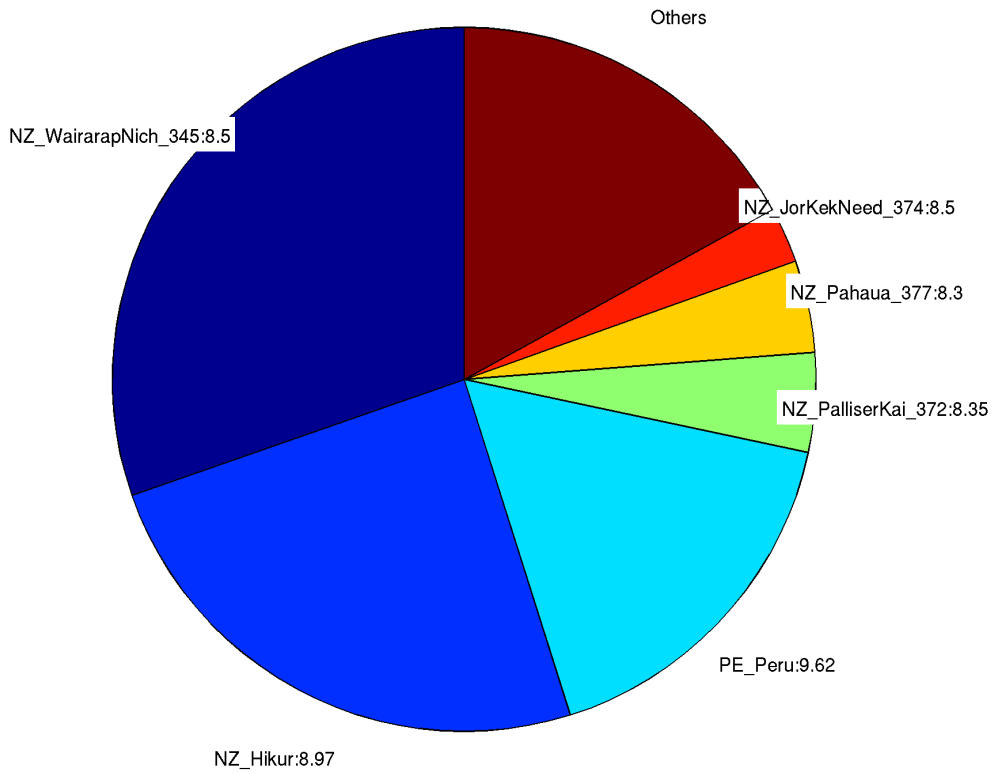
## 140. *Cape Campbell*



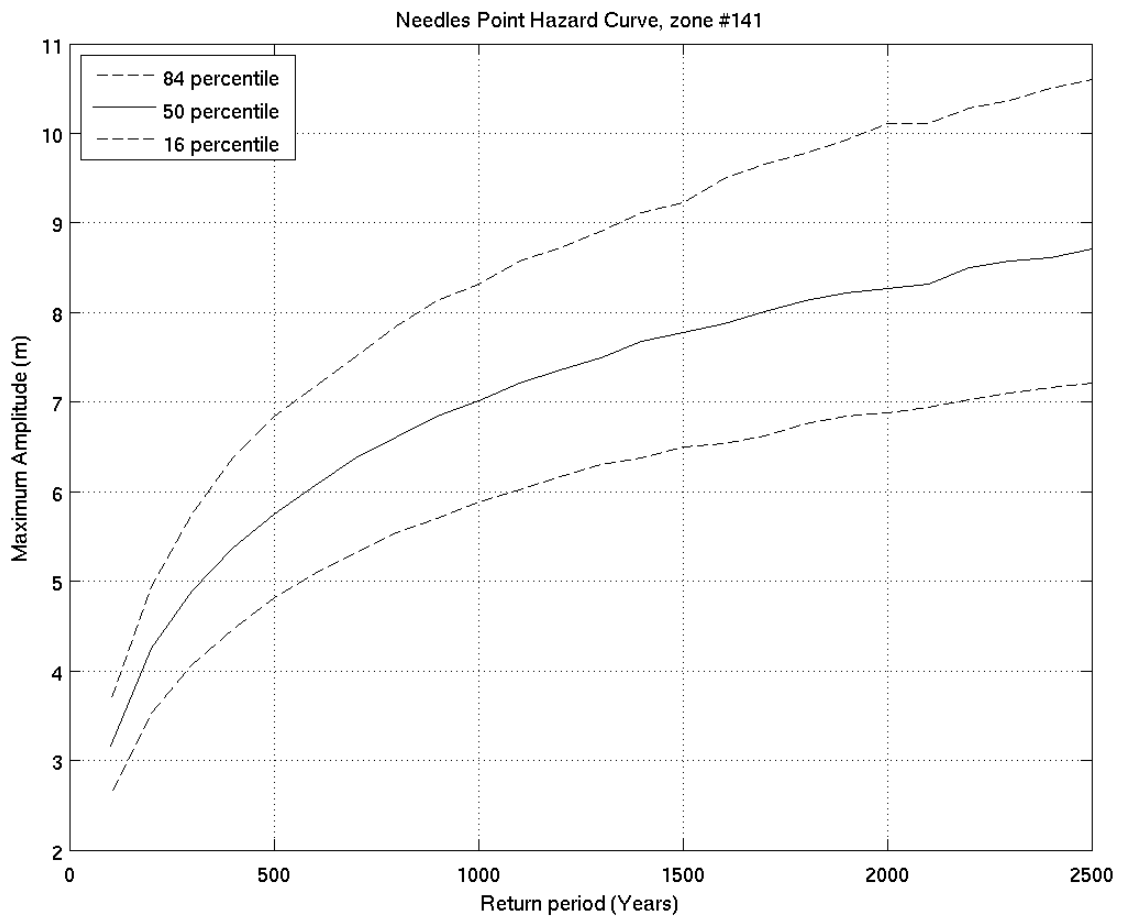
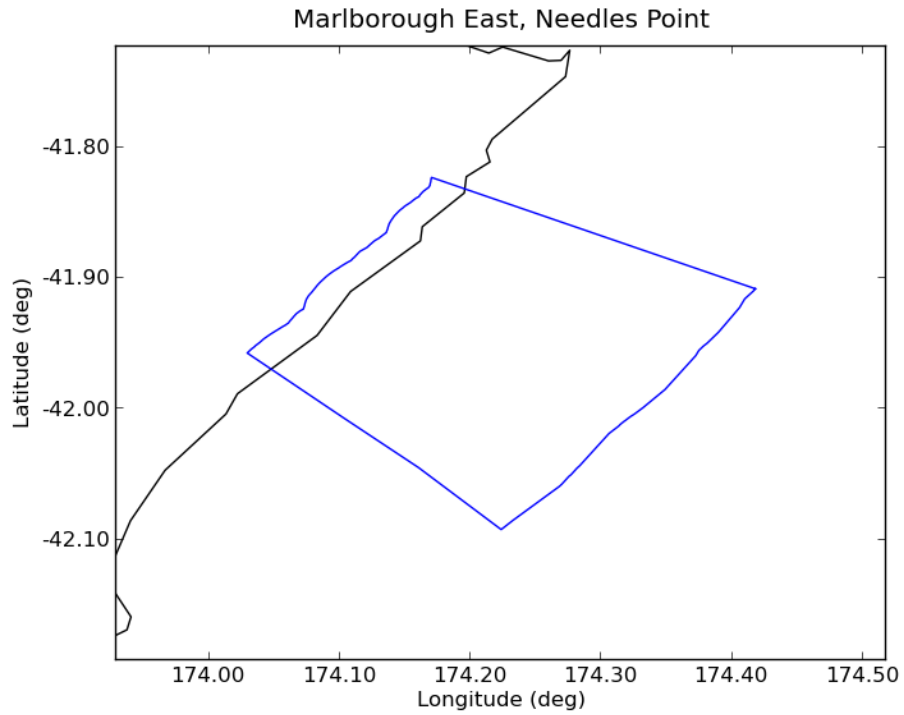
Deaggregation of Zone:140, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9566 m



Deaggregation of Zone:140, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.9637 m

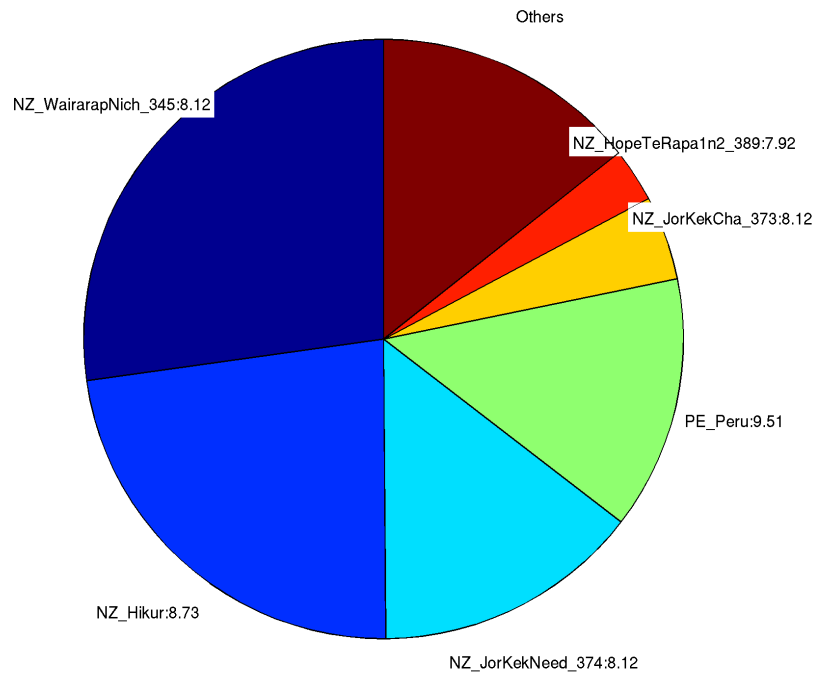


# 141. Needles Point

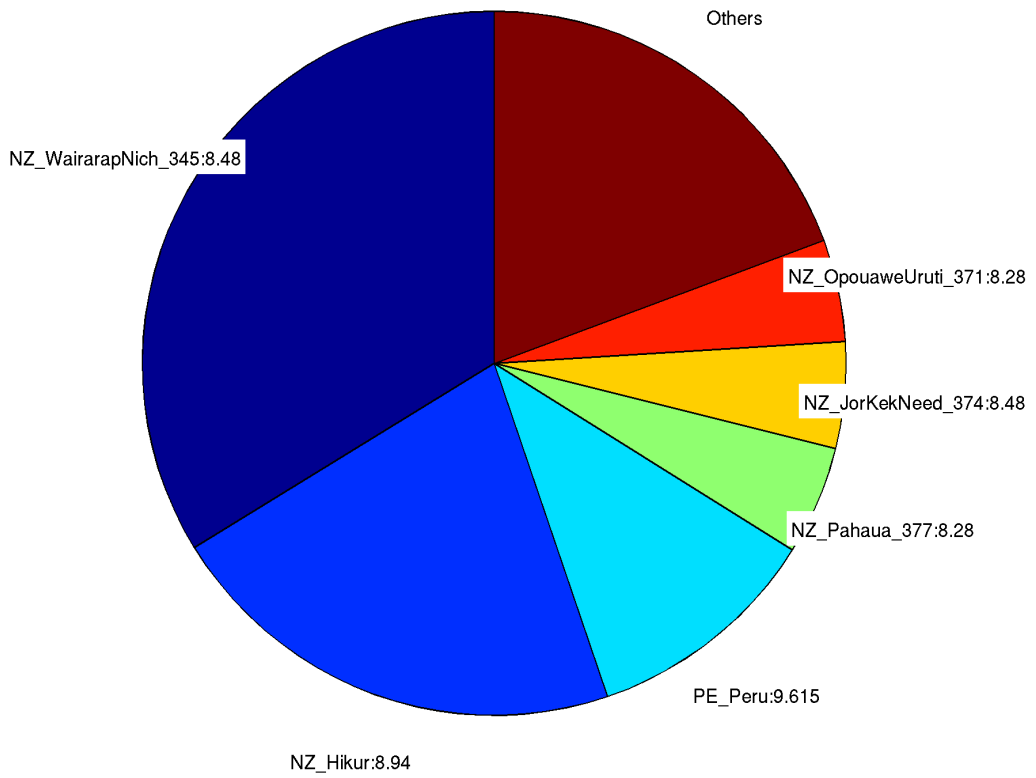




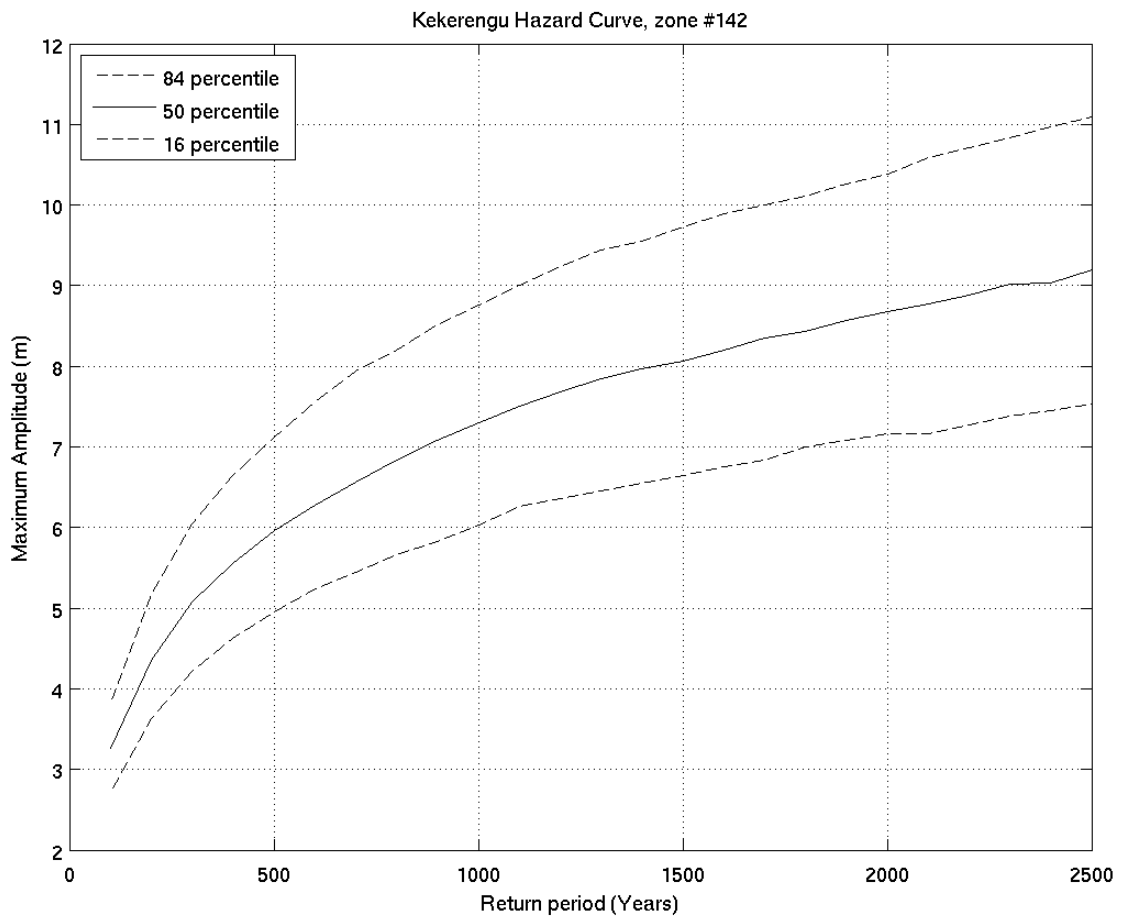
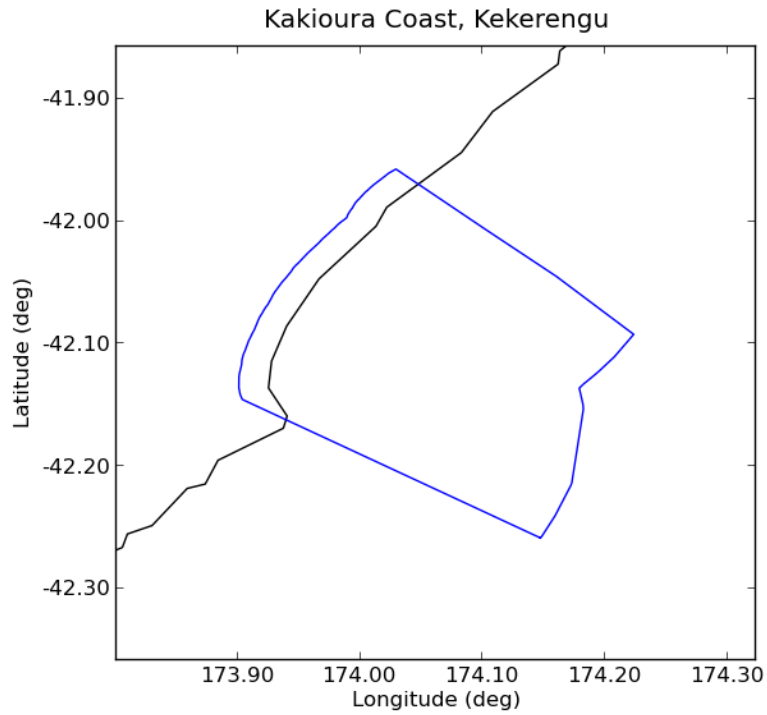
Deaggregation of Zone:141, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.748 m



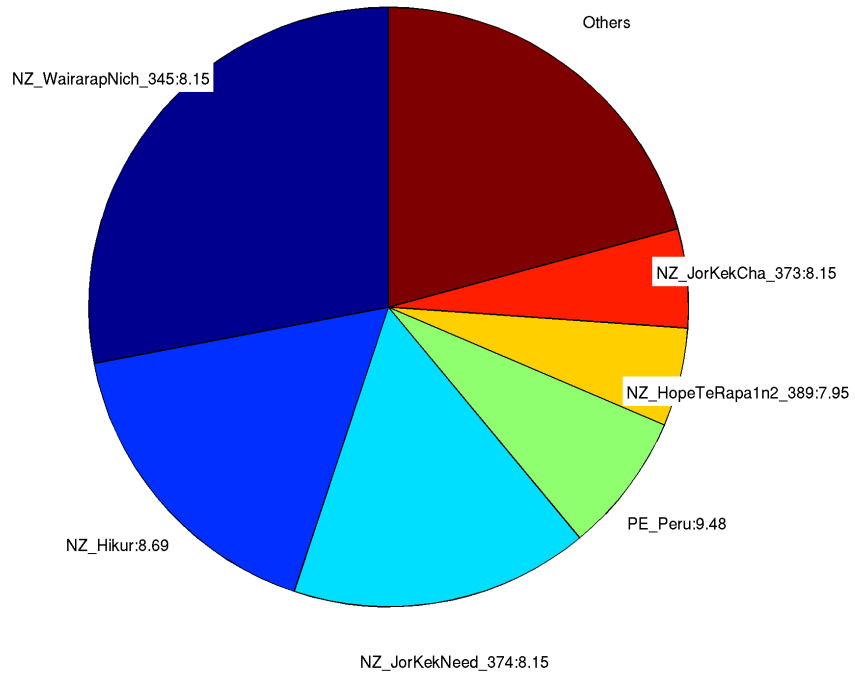
Deaggregation of Zone:141, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.7096 m



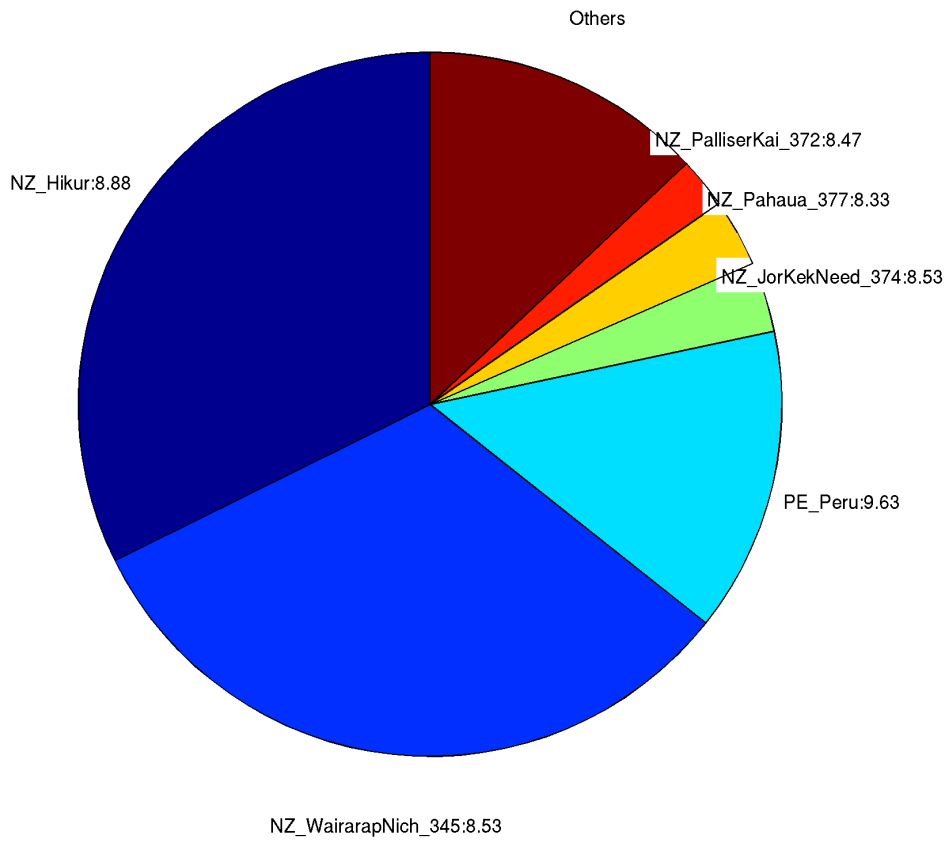
142. **Kekerengu**



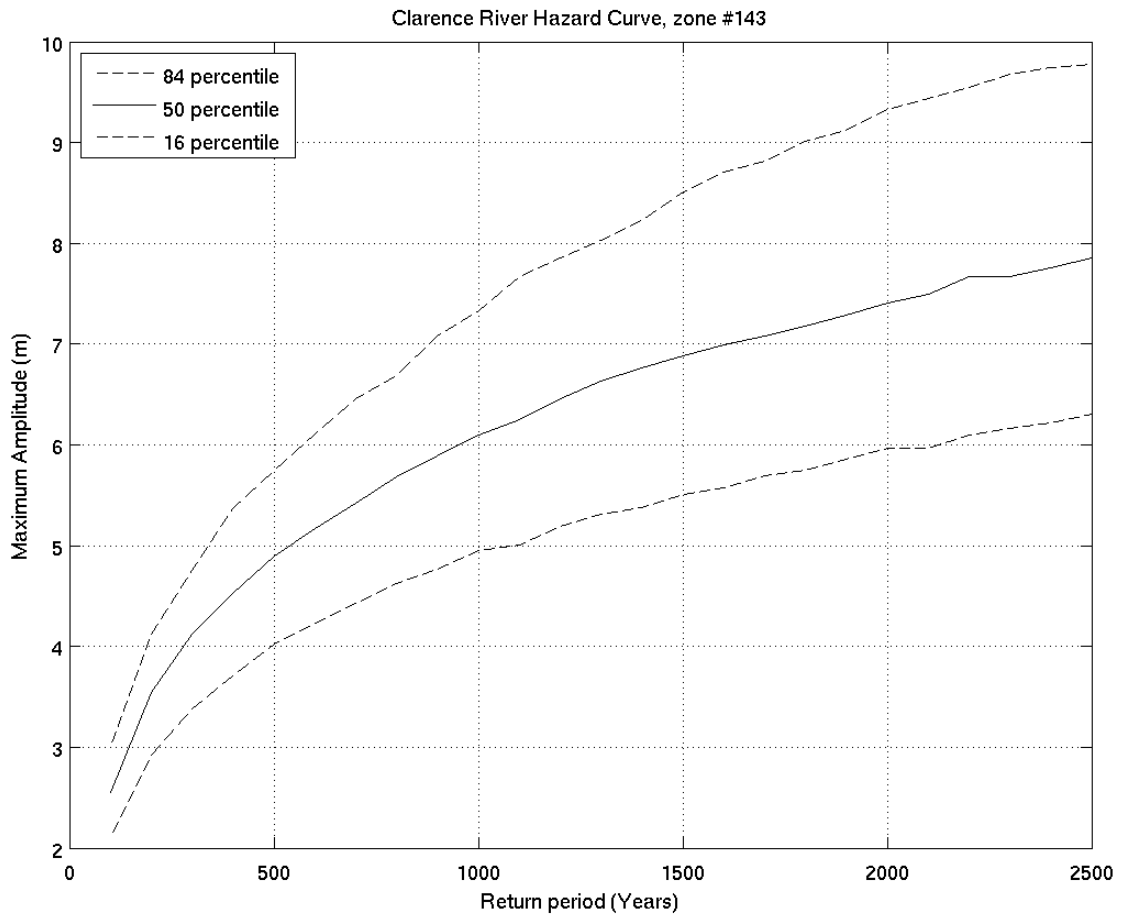
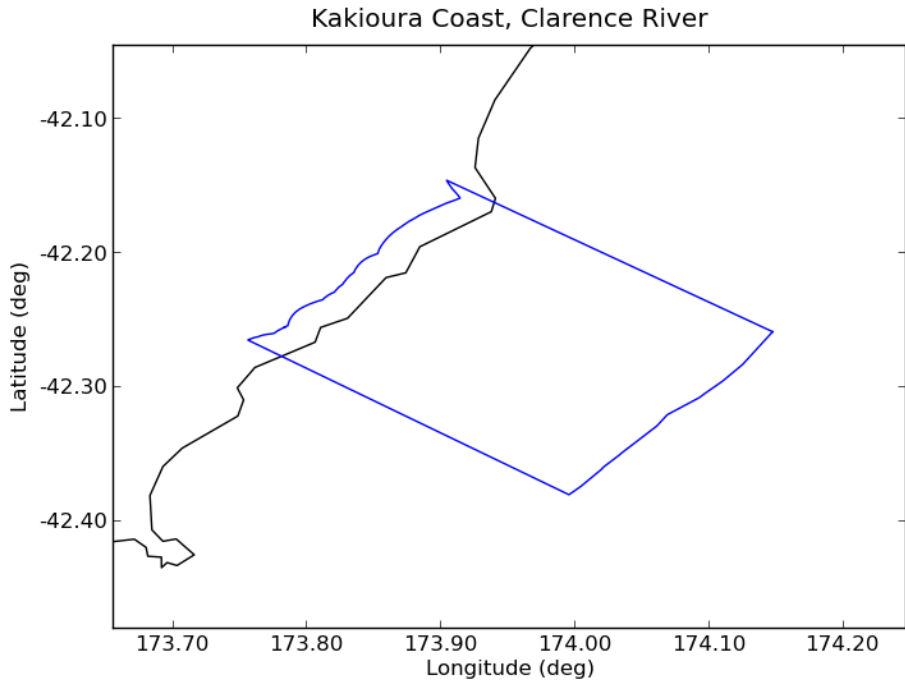
Deaggregation of Zone:142, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9566 m



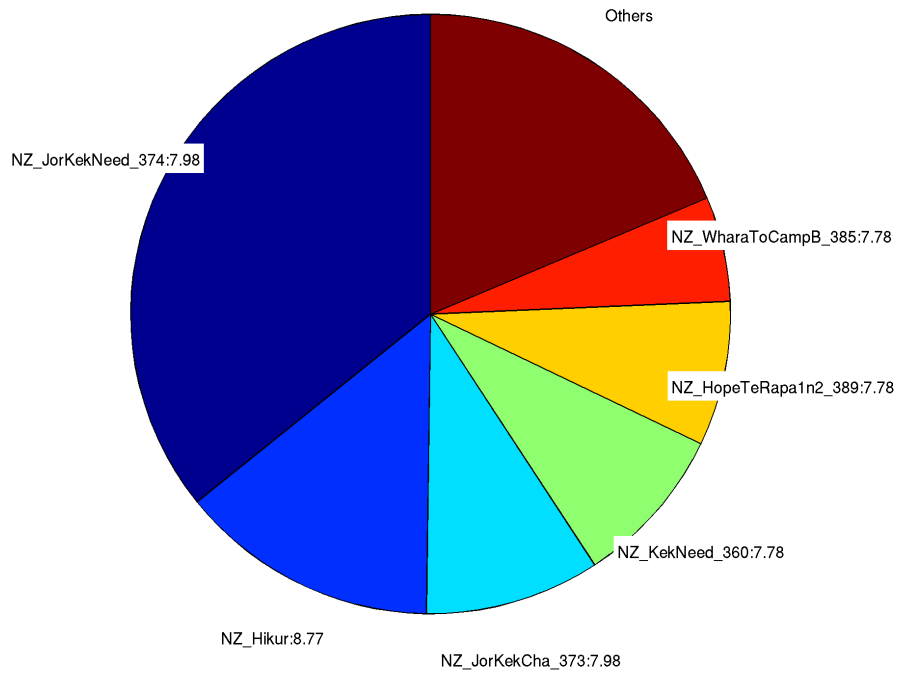
Deaggregation of Zone:142, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.1792 m



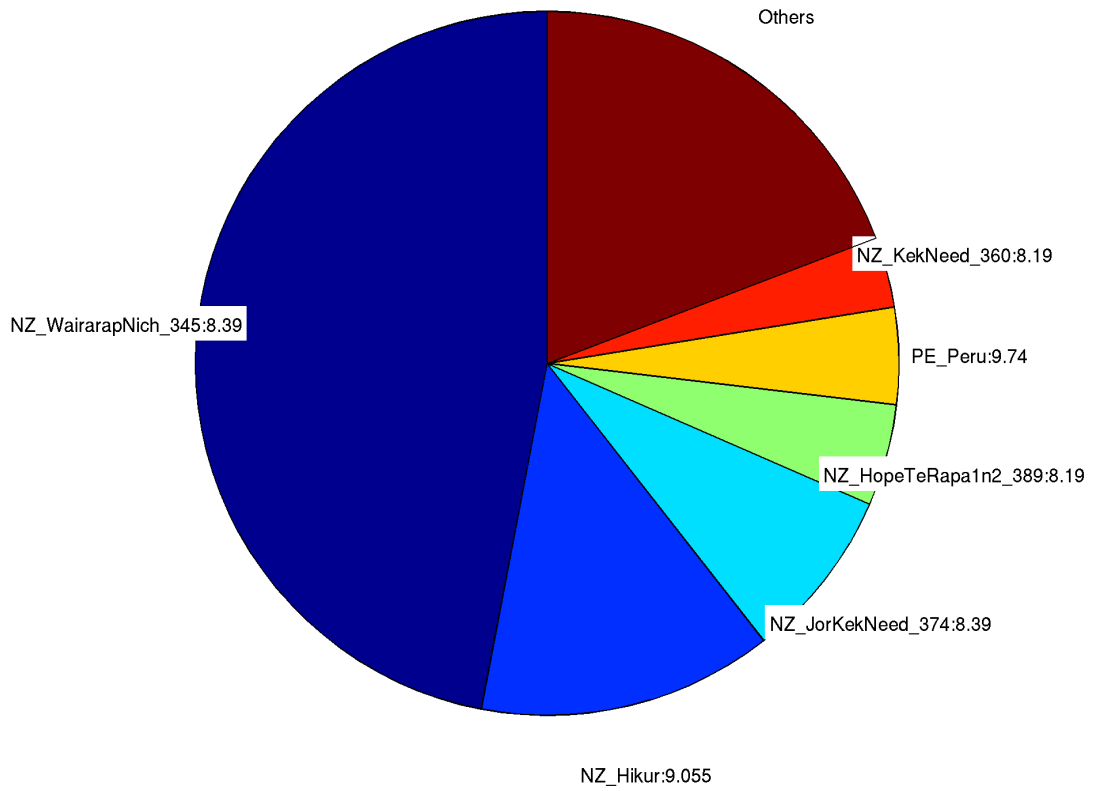
143. *Clarence River*



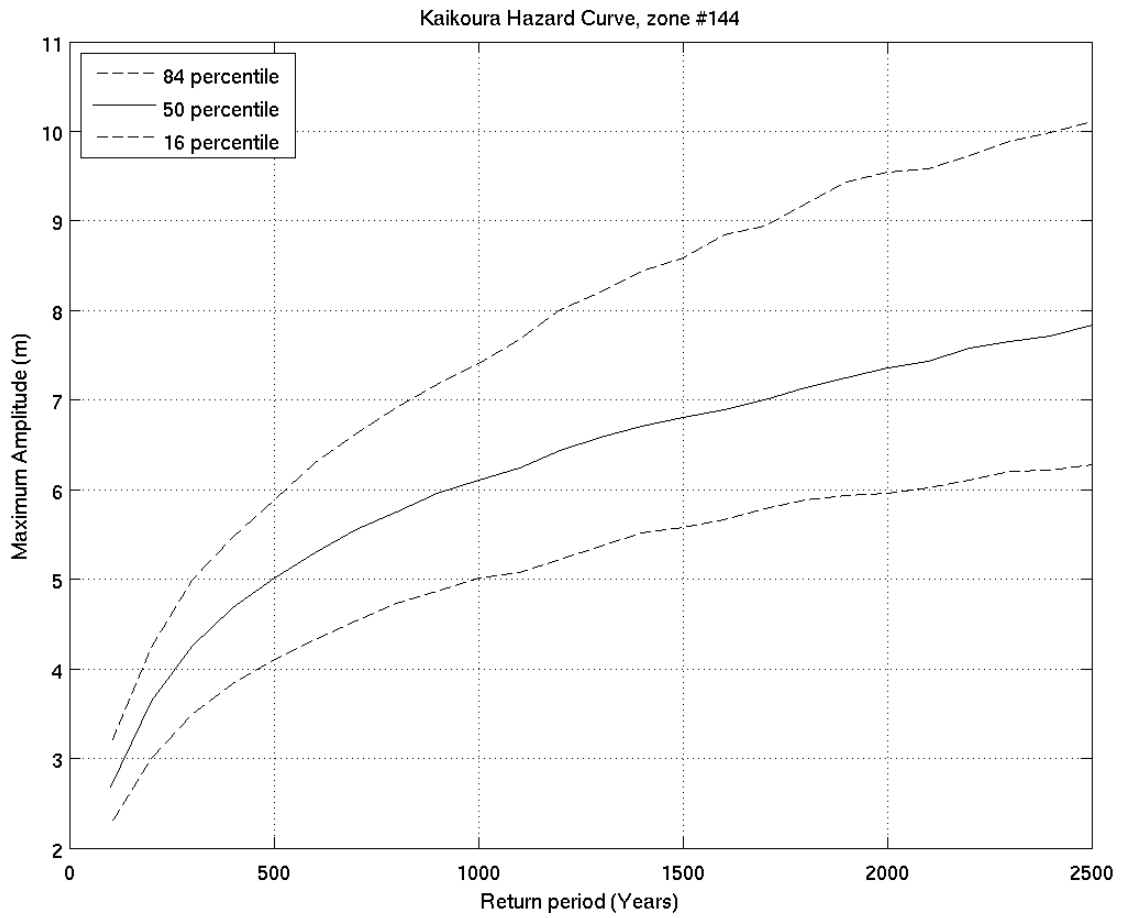
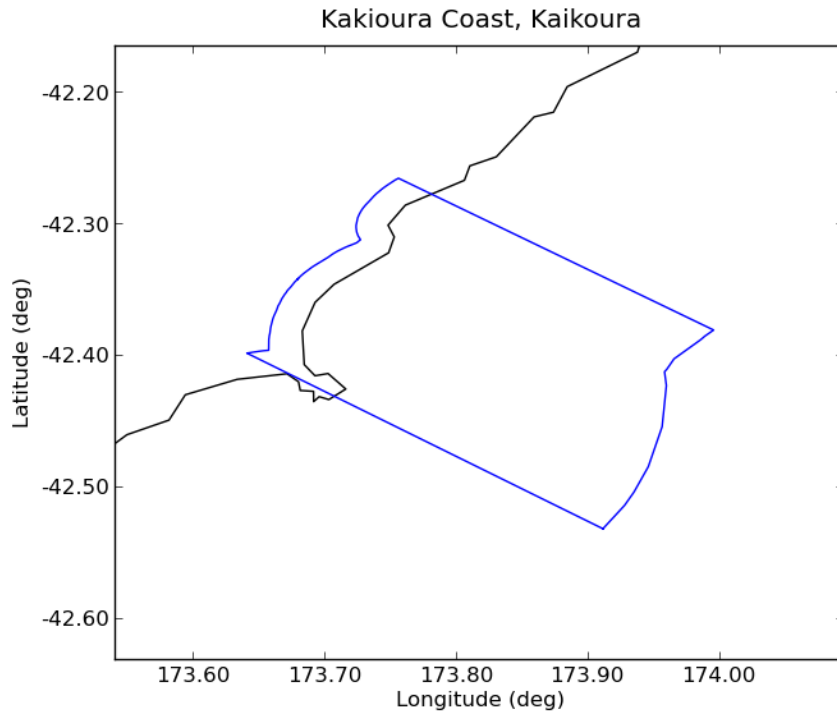
Deaggregation of Zone:143, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8978 m



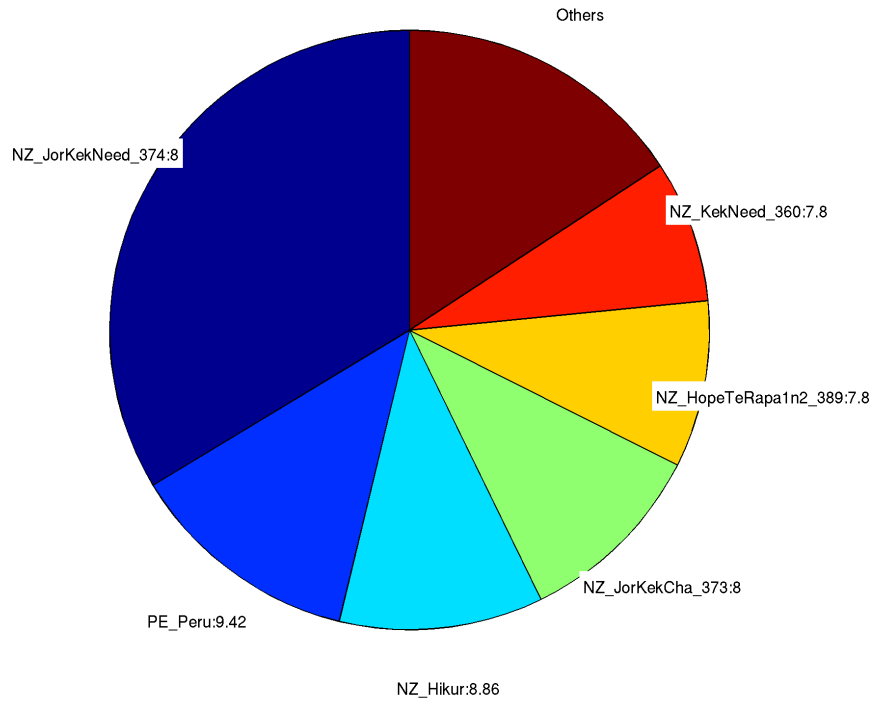
Deaggregation of Zone:143, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8524 m



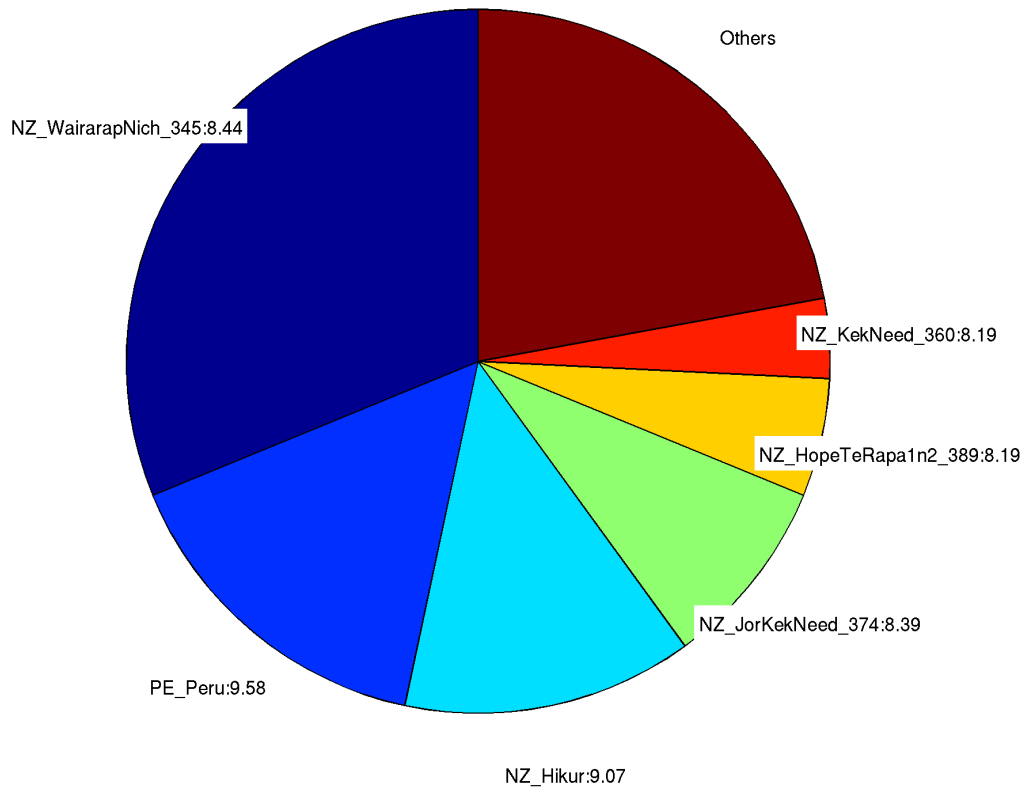
144. *Kaikoura*



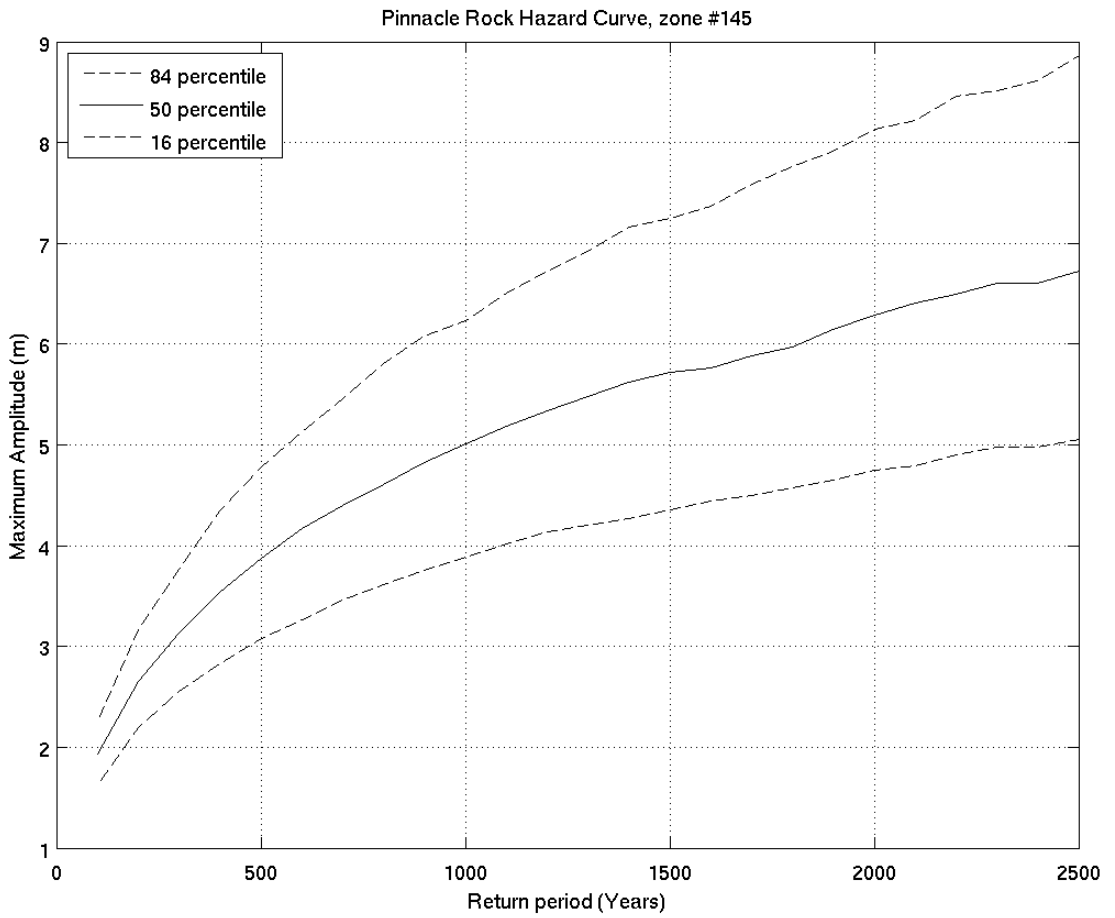
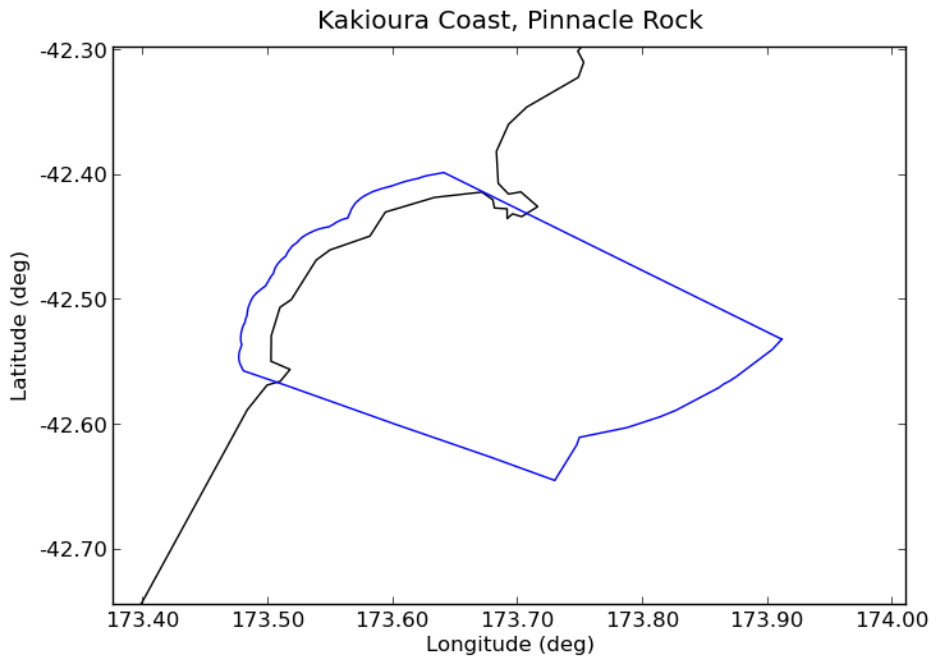
Deaggregation of Zone:144, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.0116 m



Deaggregation of Zone:144, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.8324 m

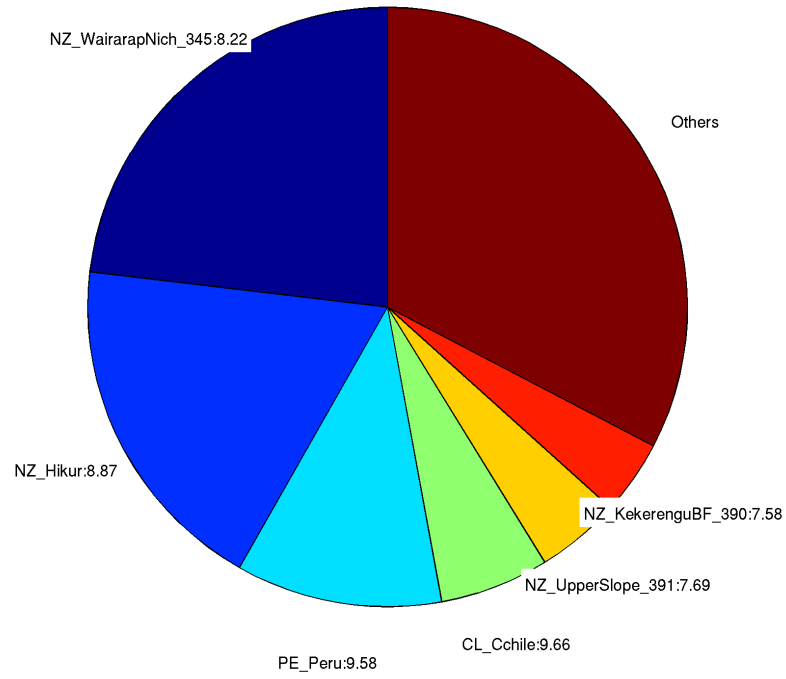


145. **Pinnacle Rock**

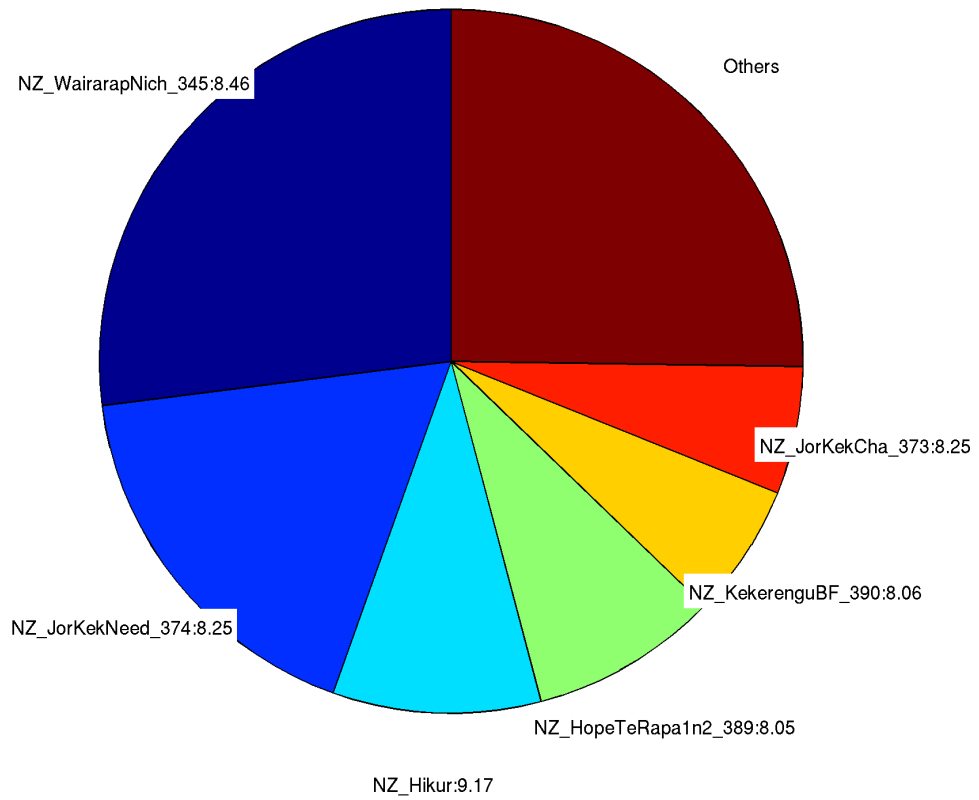




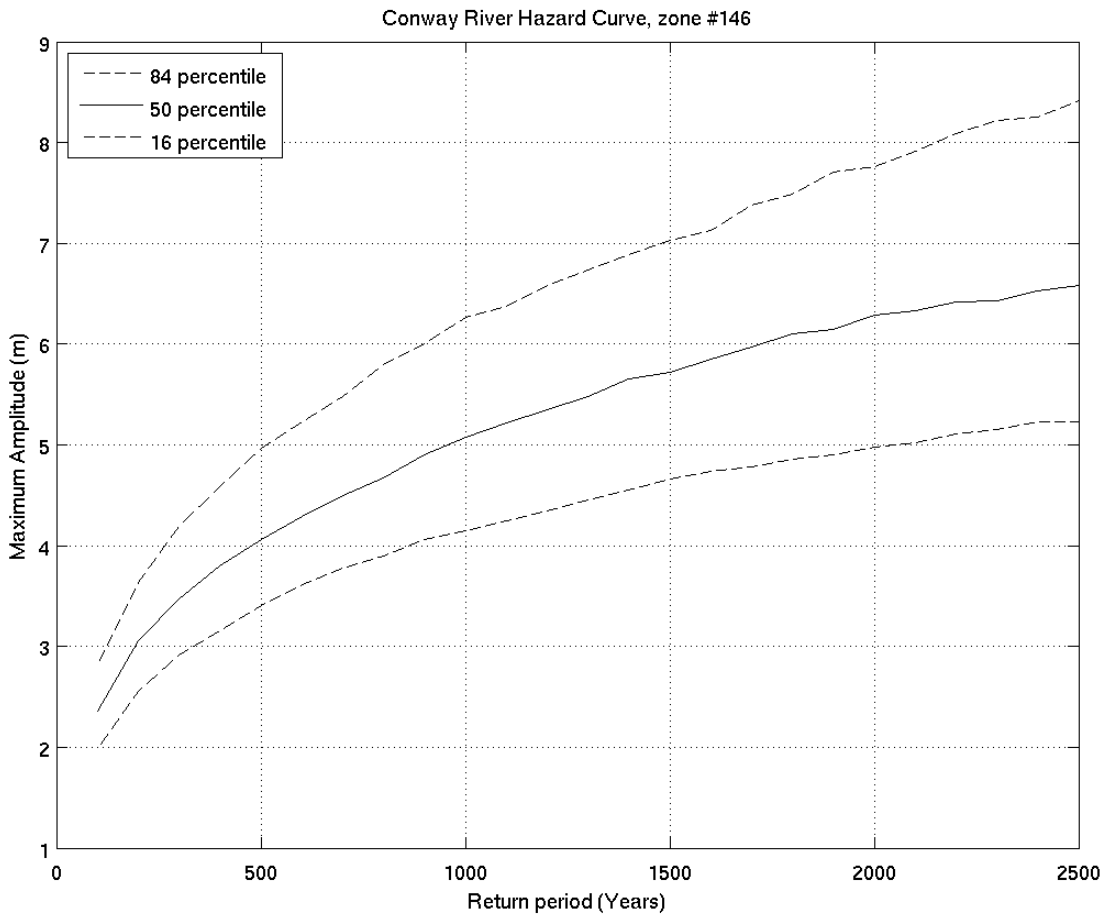
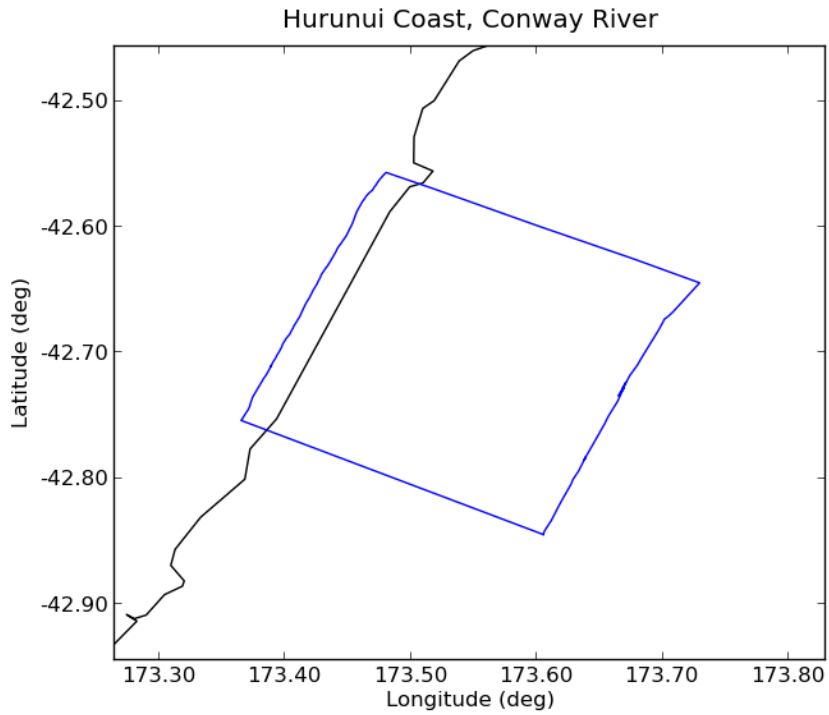
Deaggregation of Zone:145, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8725 m



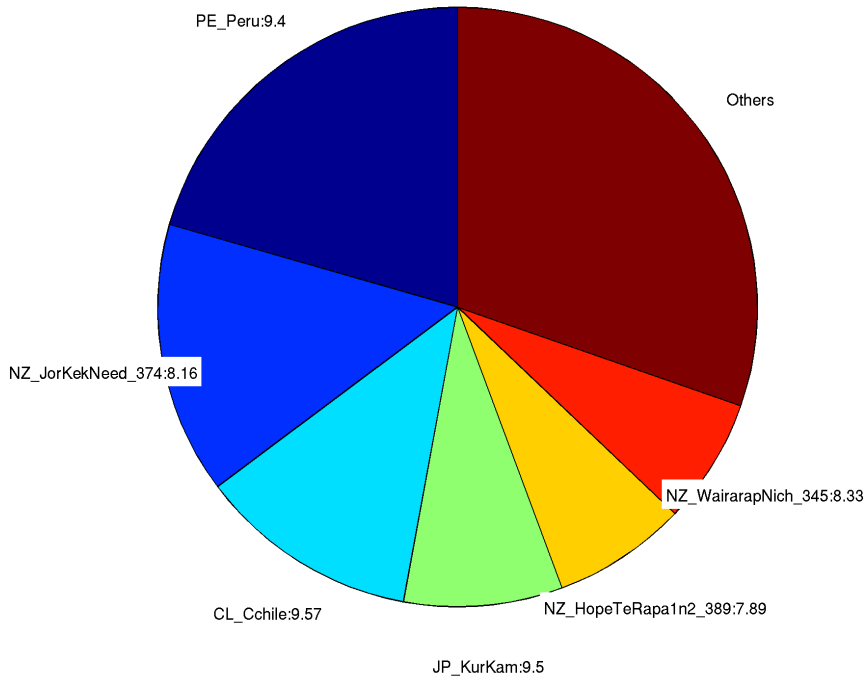
Deaggregation of Zone:145, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7198 m



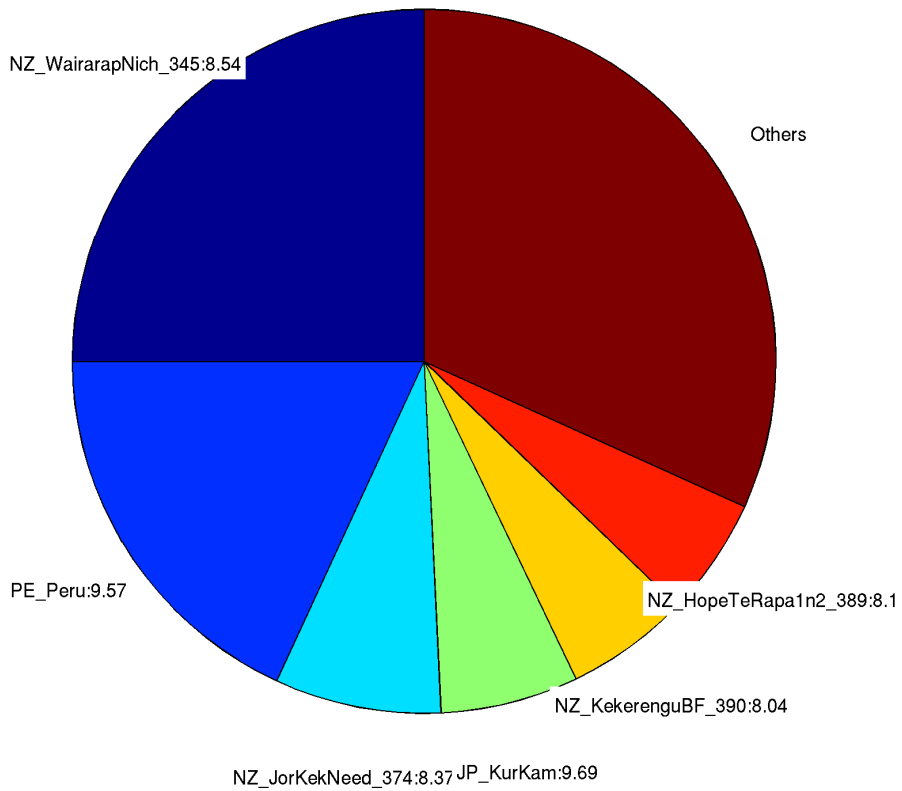
146. **Conway River**



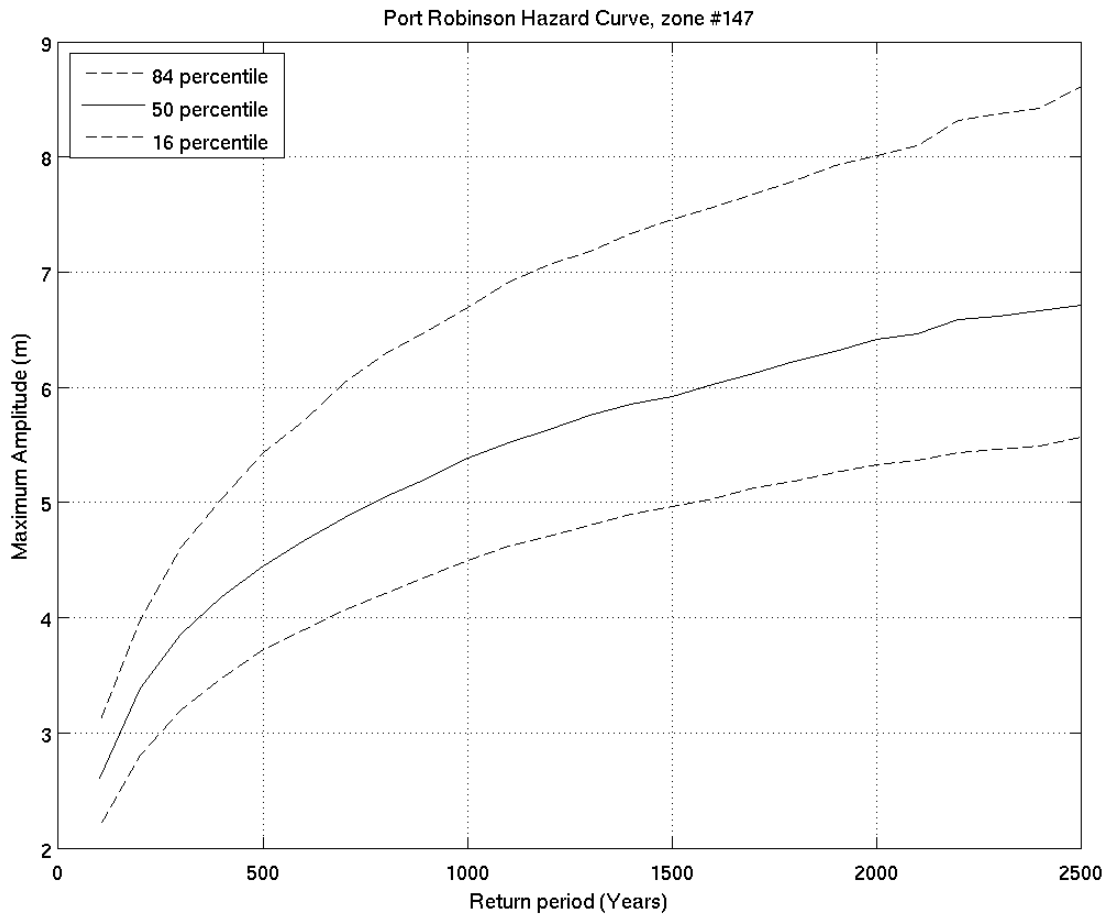
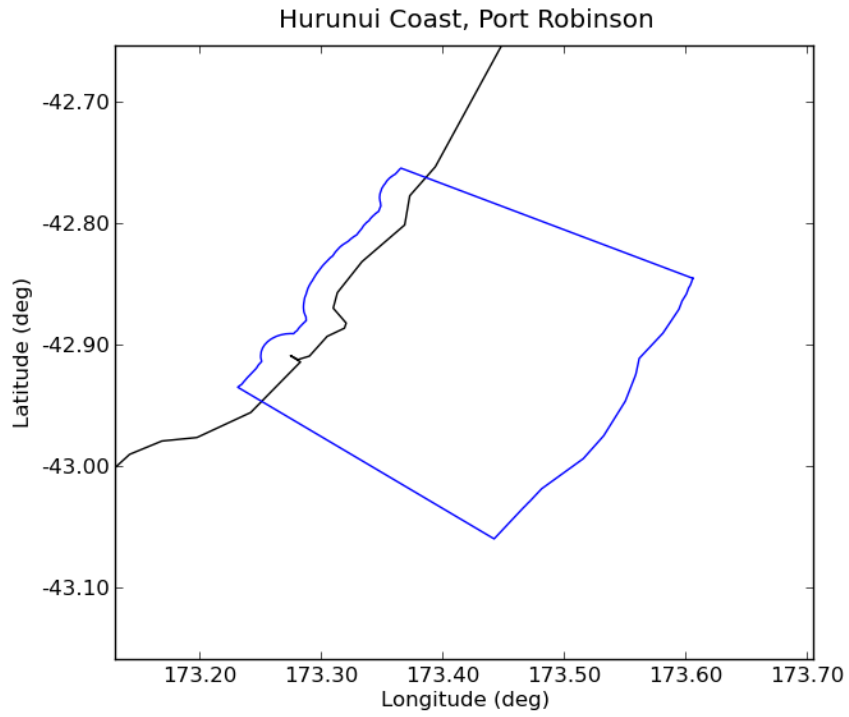
Deaggregation of Zone:146, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0519 m



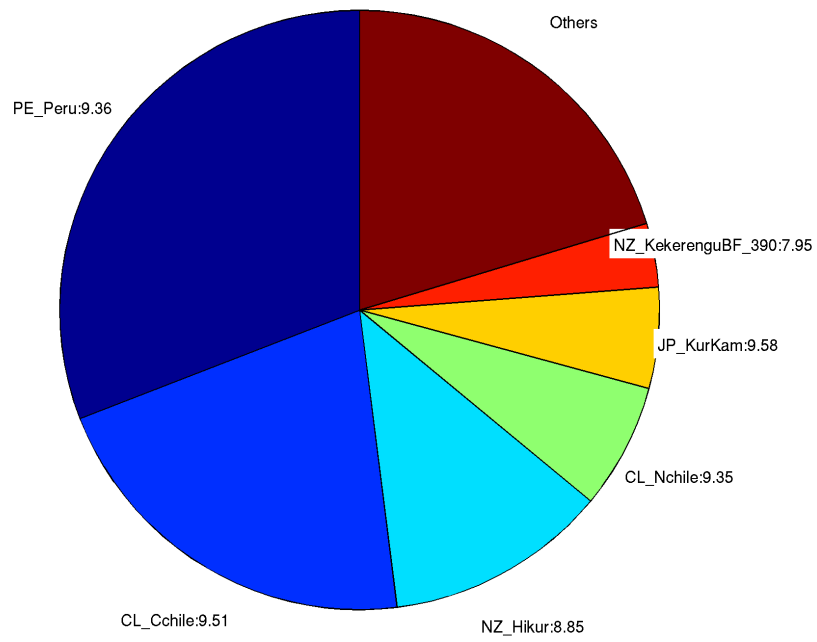
Deaggregation of Zone:146, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.5839 m



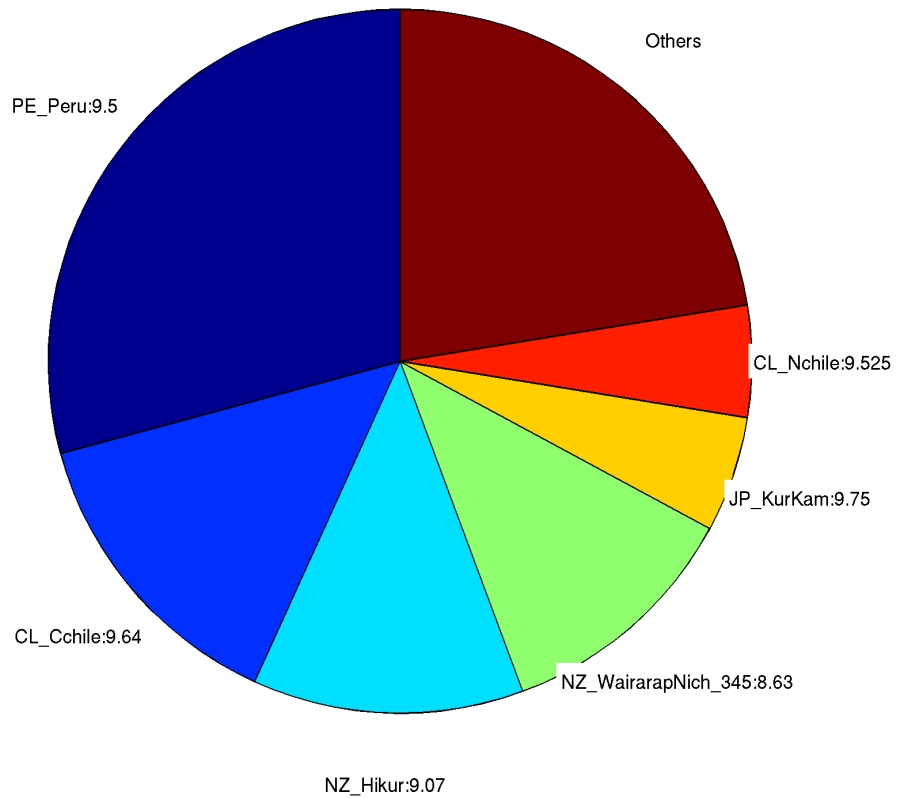
147. **Port Robinson**



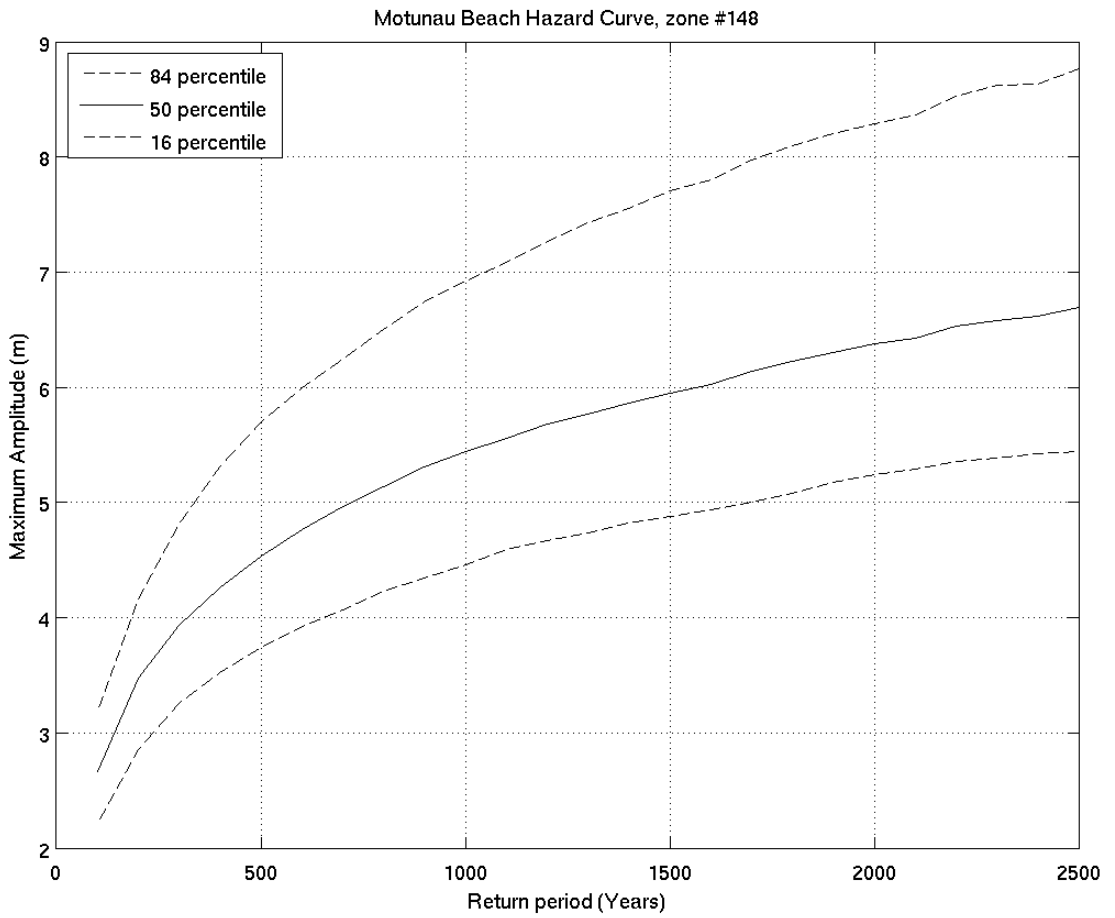
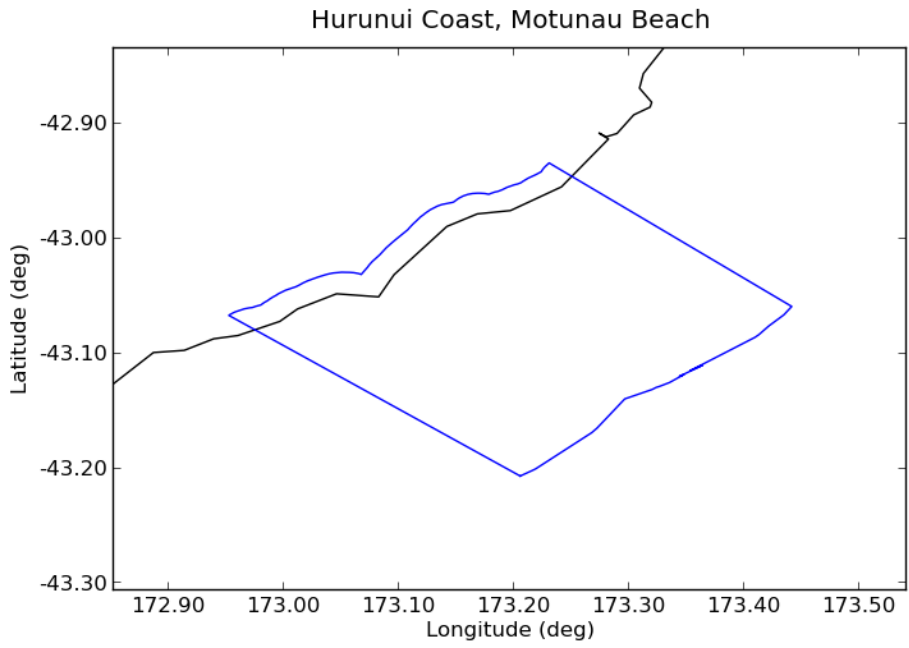
Deaggregation of Zone:147, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4425 m



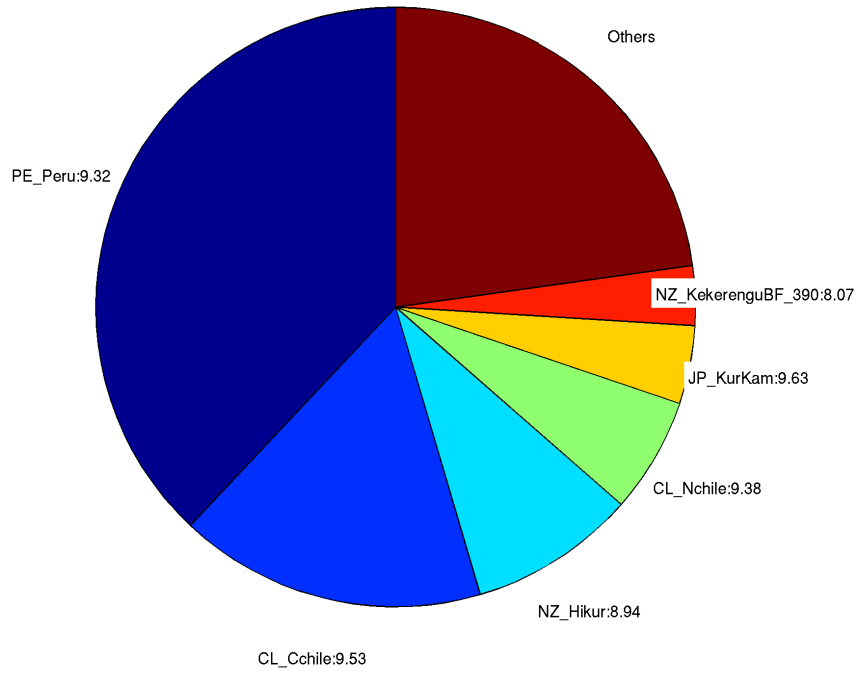
Deaggregation of Zone:147, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7073 m



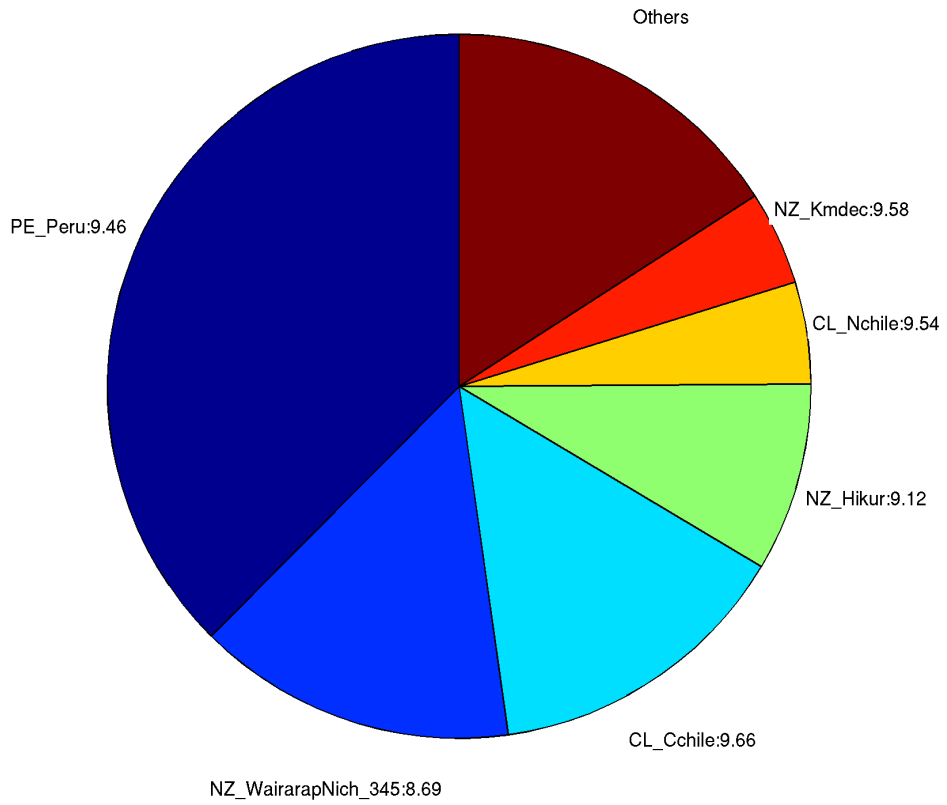
# 148. Motunau Beach



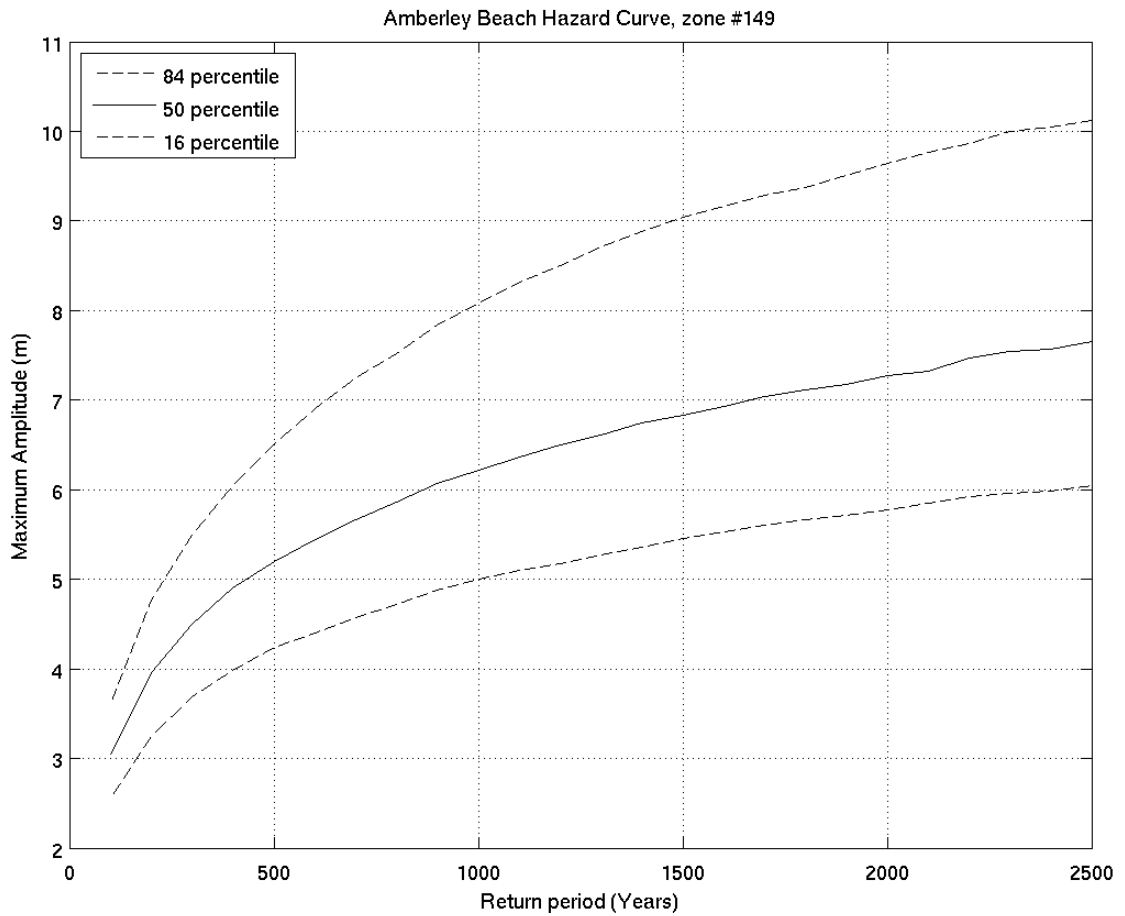
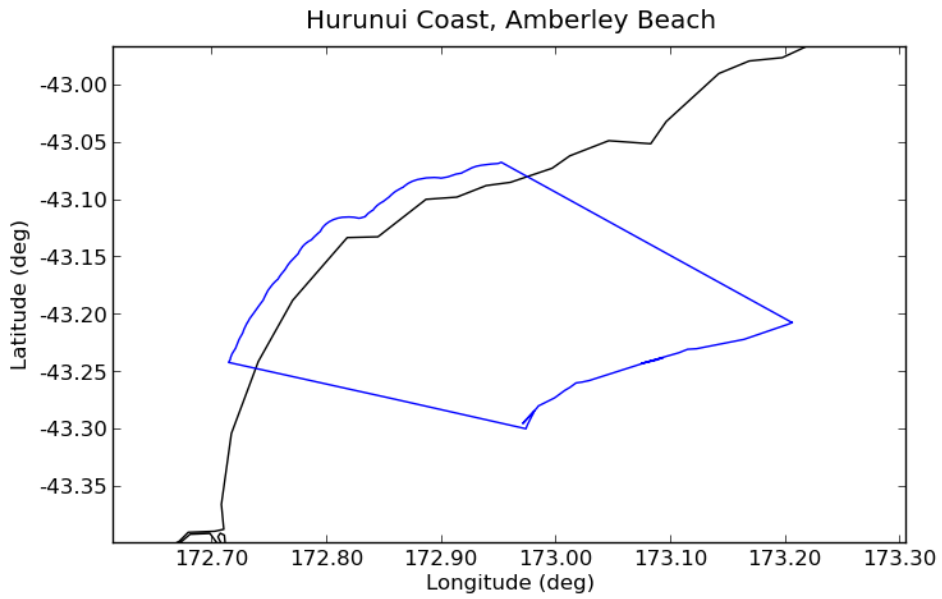
Deaggregation of Zone:148, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5303 m



Deaggregation of Zone:148, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6684 m

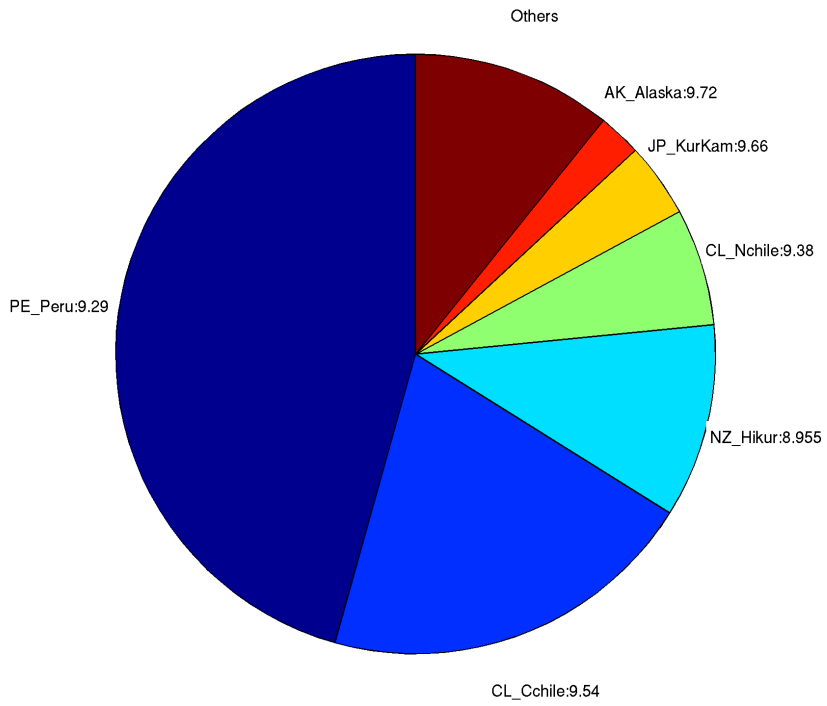


### 149. Amberley Beach

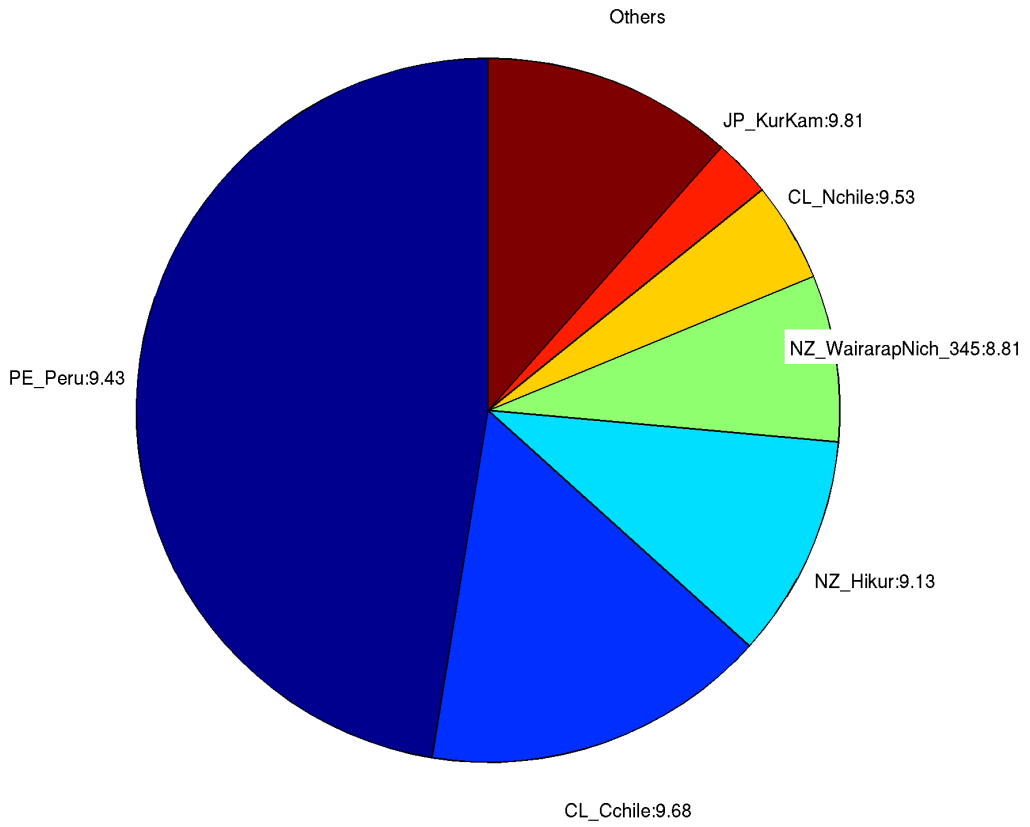




Deaggregation of Zone:149, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1974 m

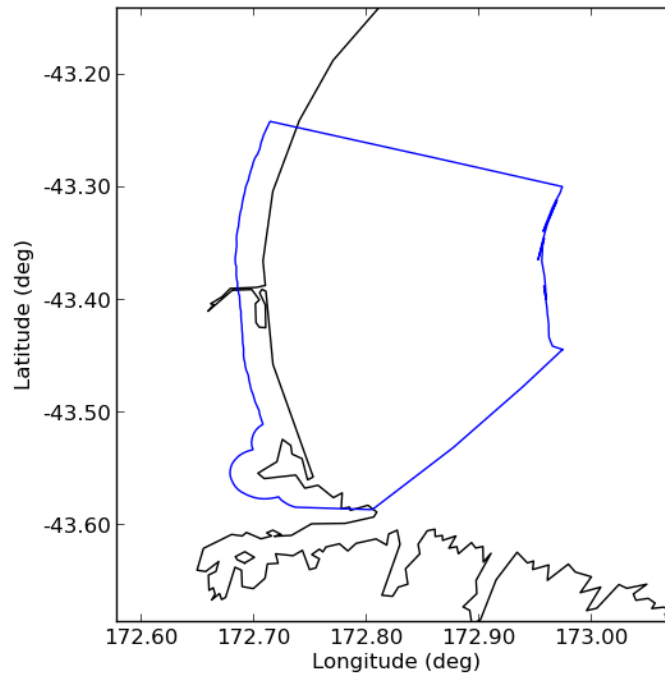


Deaggregation of Zone:149, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.6469 m

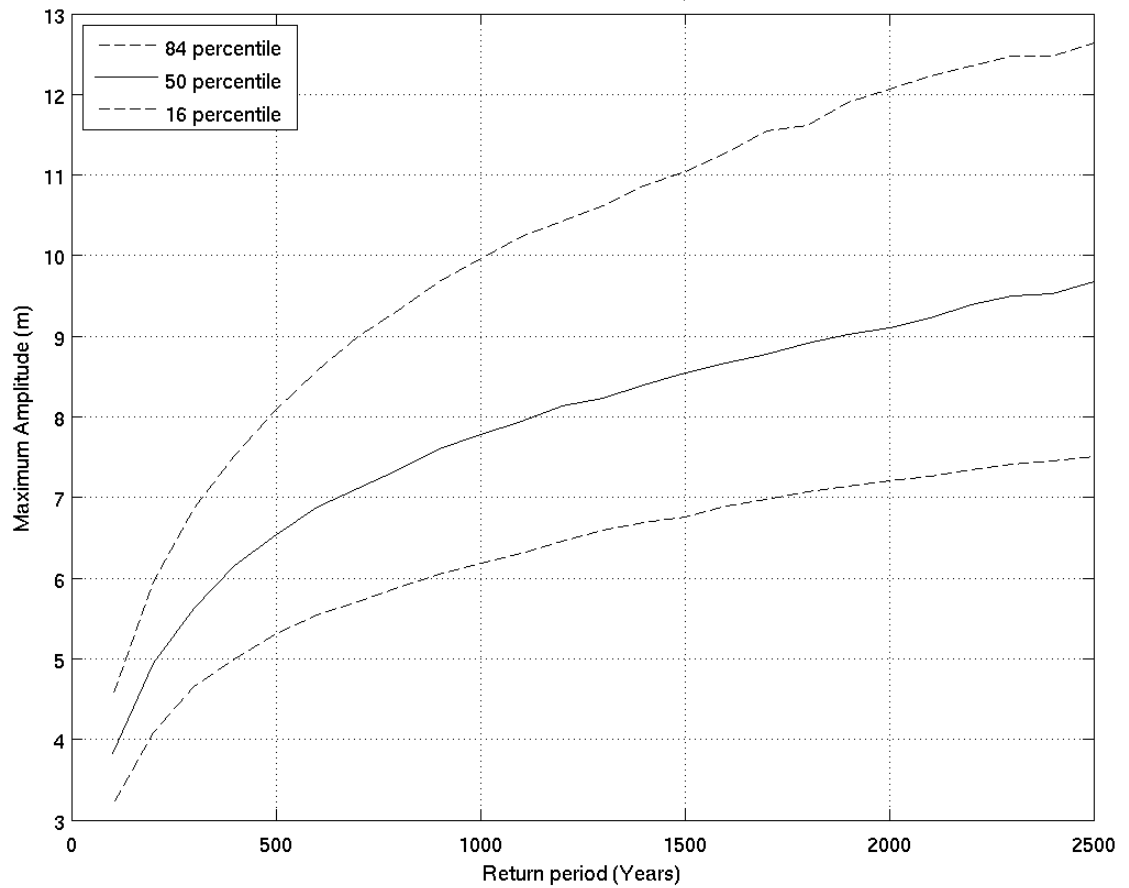


## 150. CHRISTCHURCH

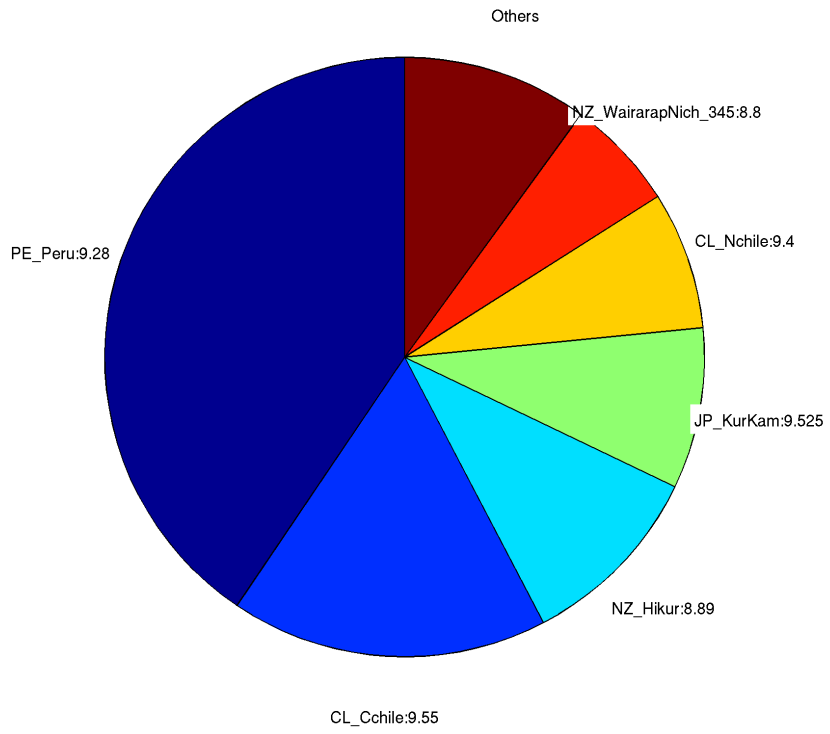
Christchurch North, CHRISTCHURCH



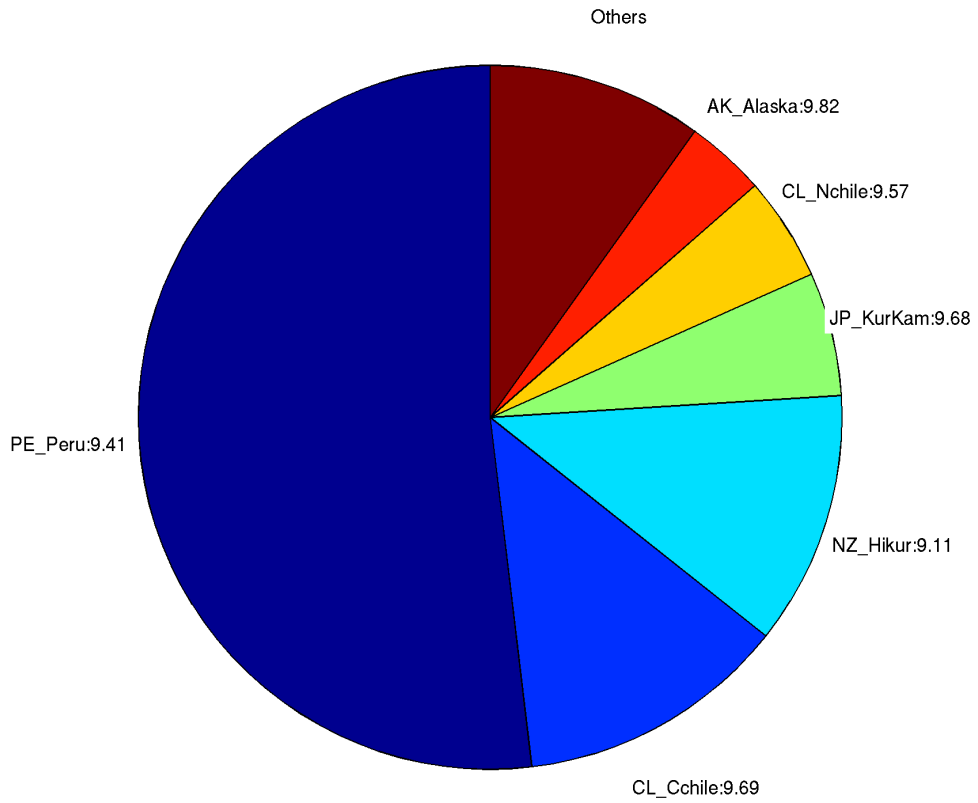
CHRISTCHURCH Hazard Curve, zone #150



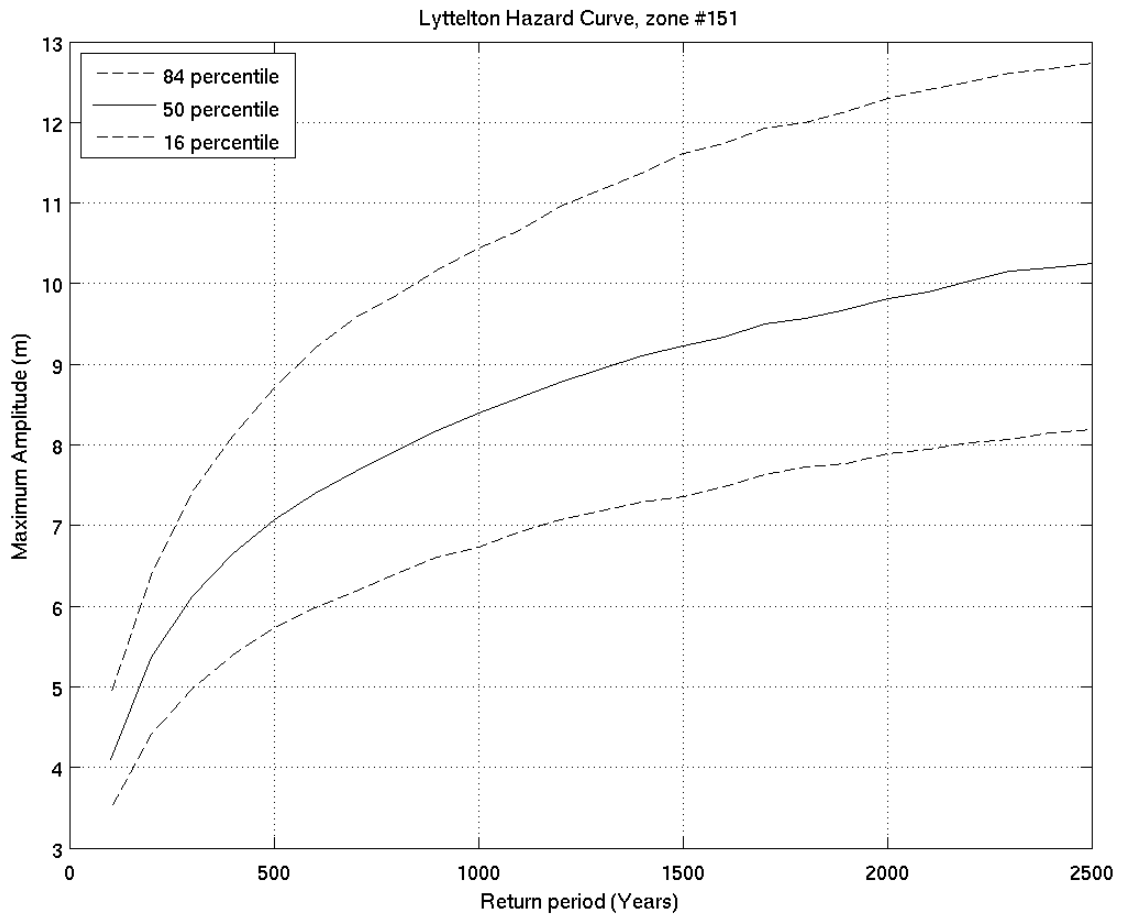
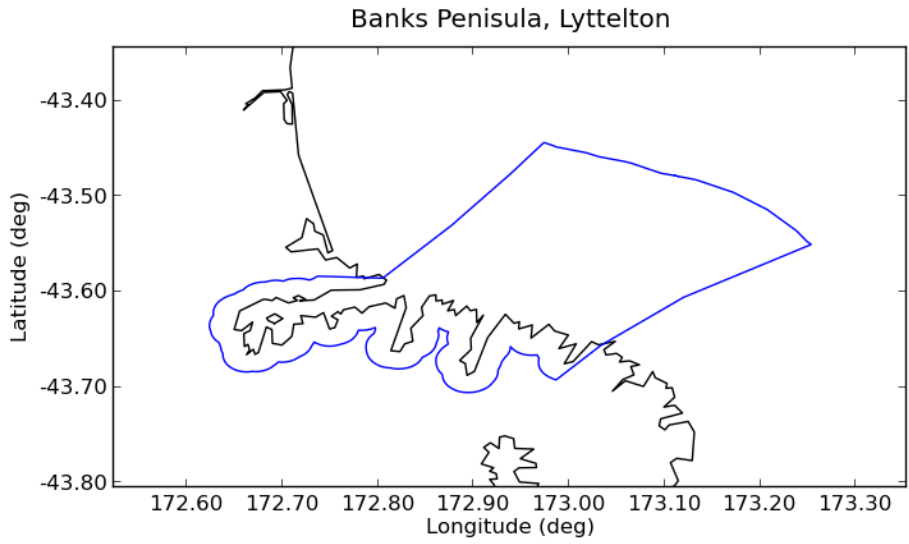
Deaggregation of Zone:150, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.5372 m



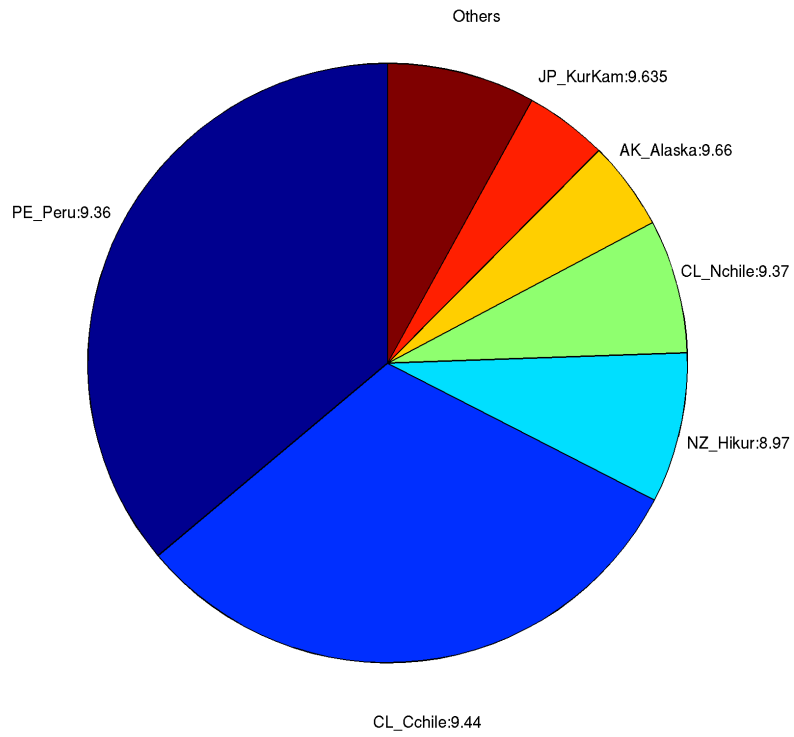
Deaggregation of Zone:150, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.6424 m



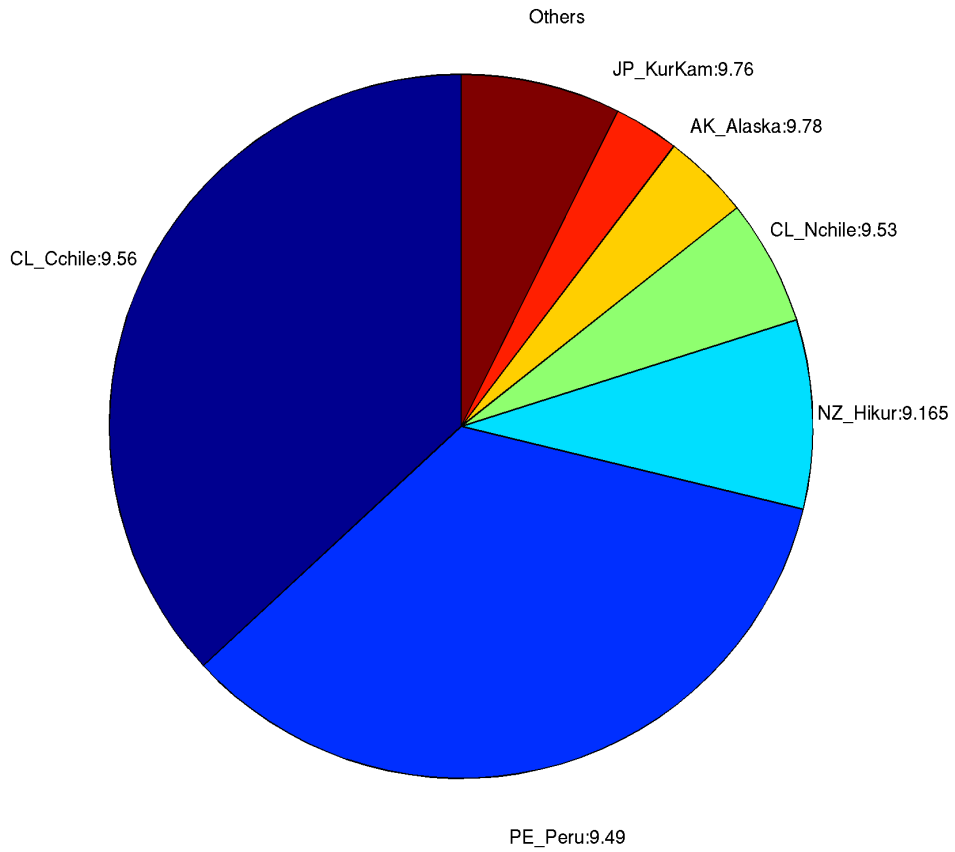
# 151. Lyttelton



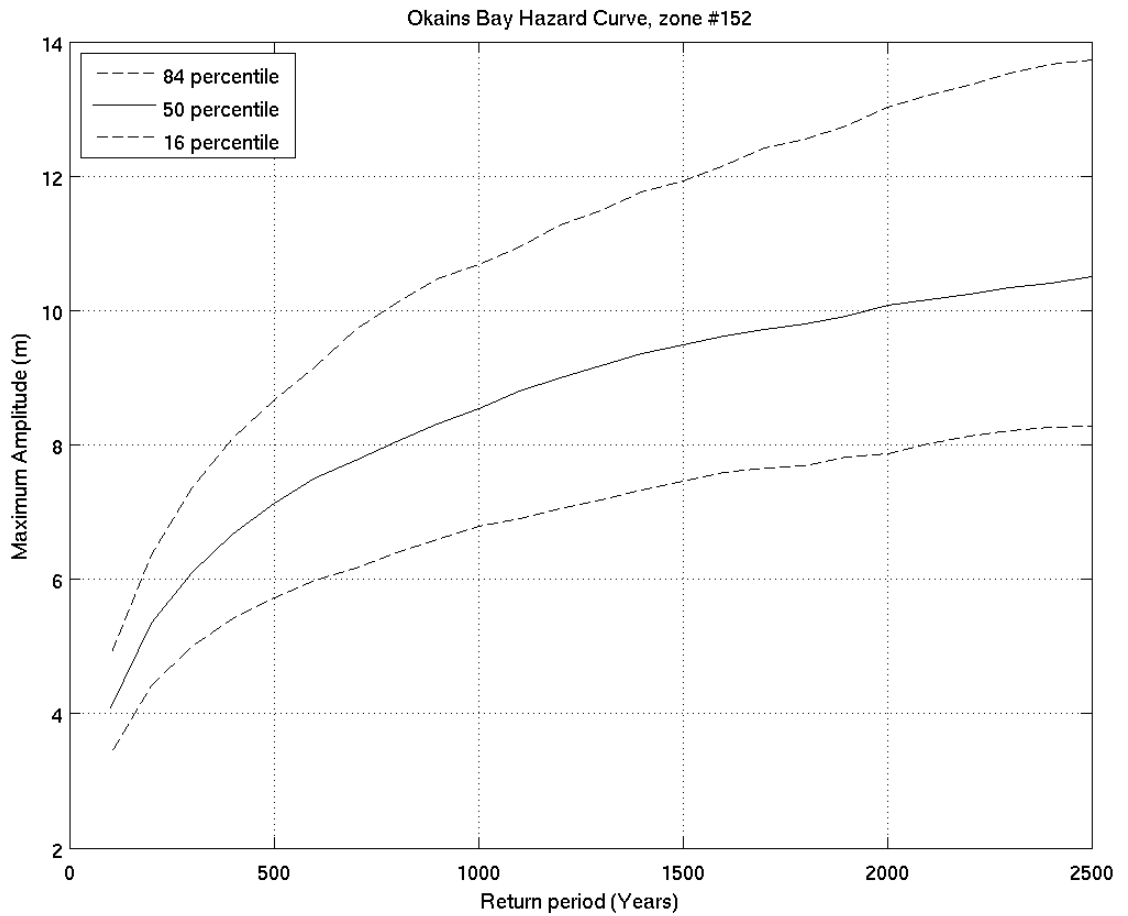
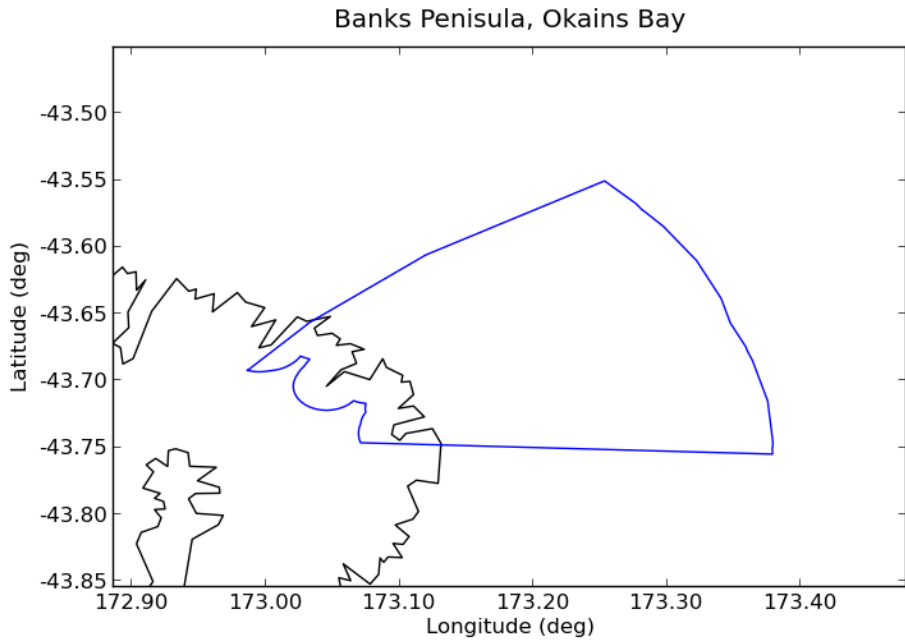
Deaggregation of Zone:151, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0687 m



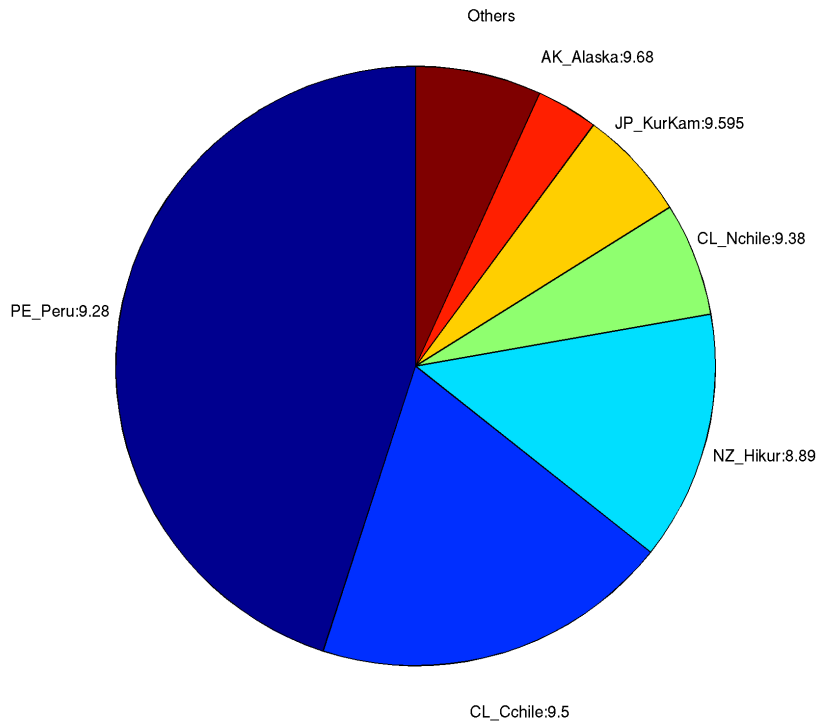
Deaggregation of Zone:151, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.2479 m



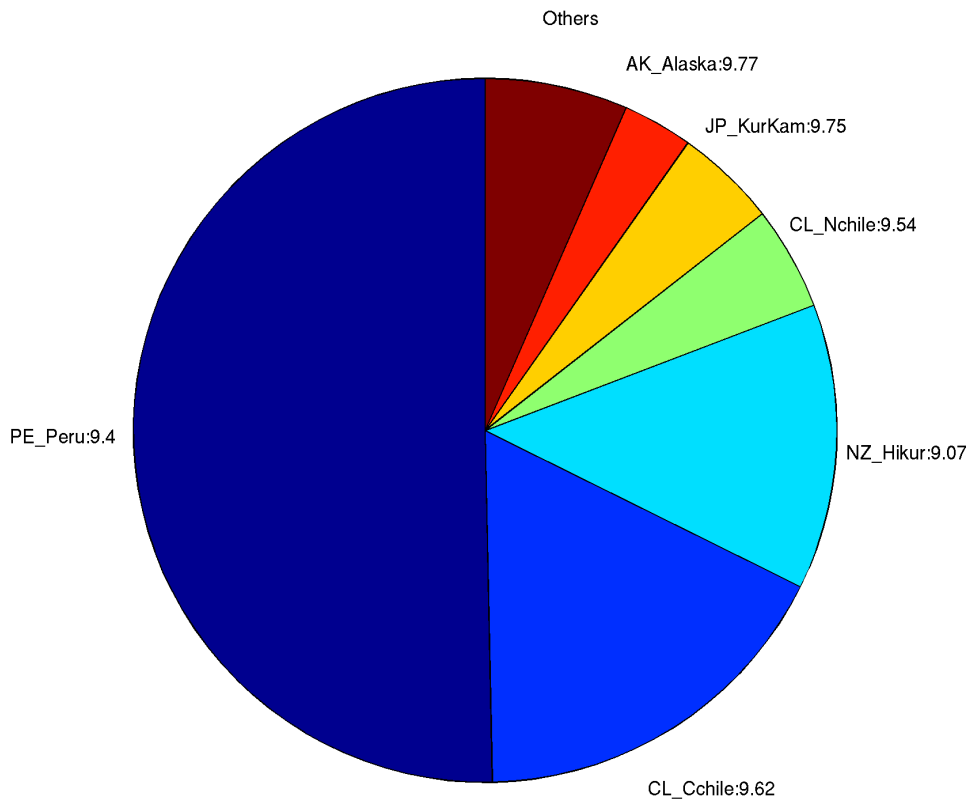
152. **Okains Bay**



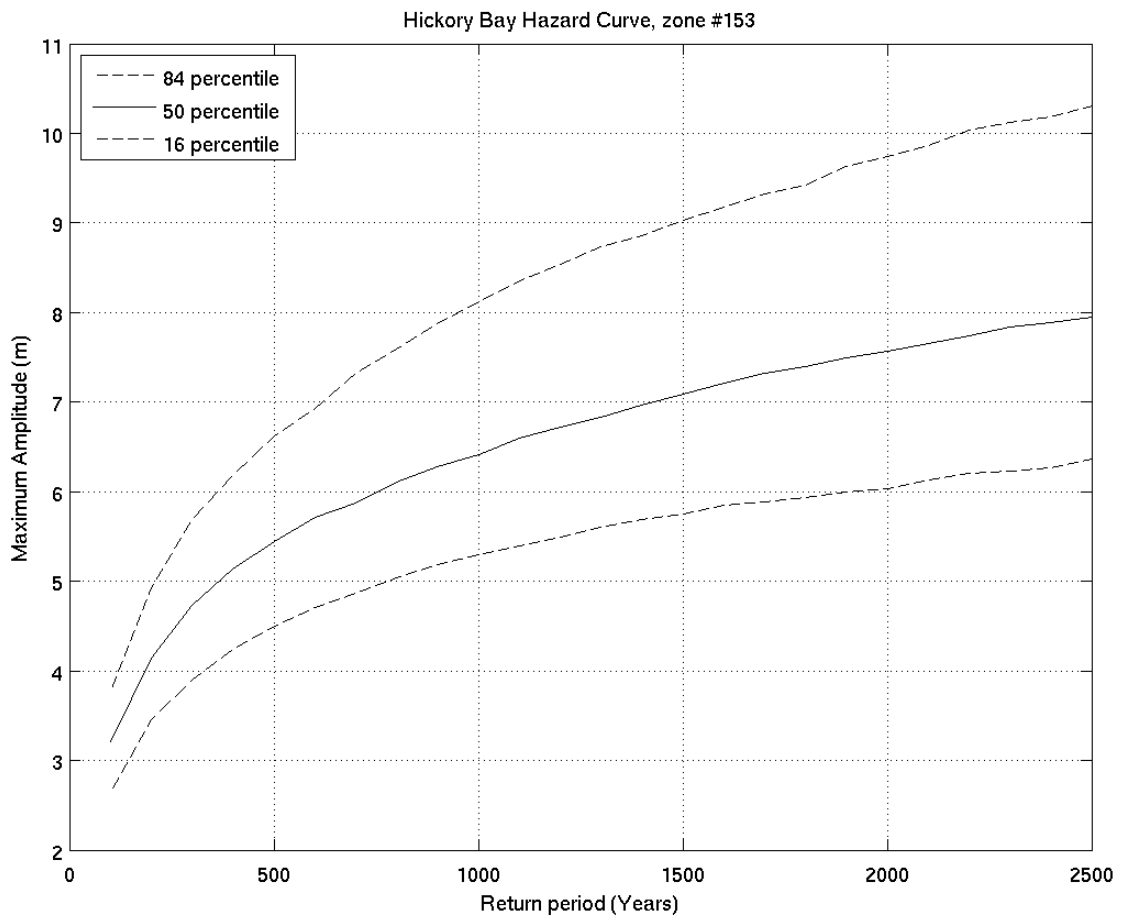
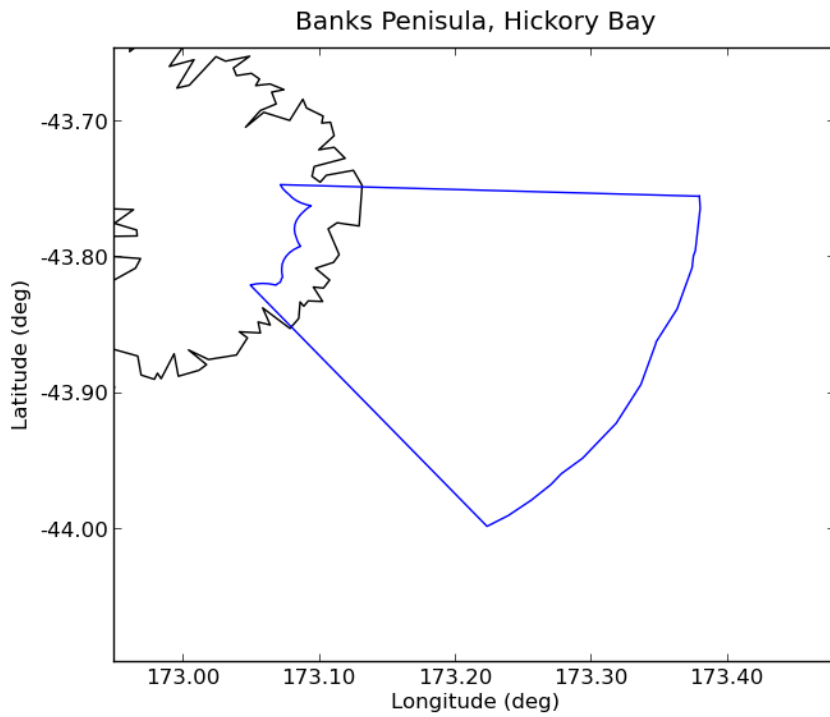
Deaggregation of Zone:152, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.1231 m



Deaggregation of Zone:152, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.5 m

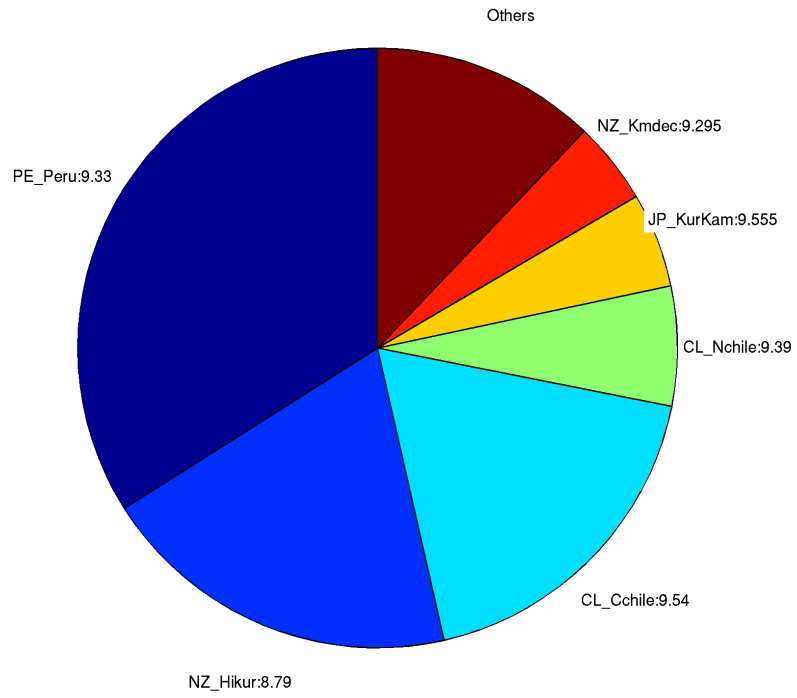


### 153. *Hickory Bay*

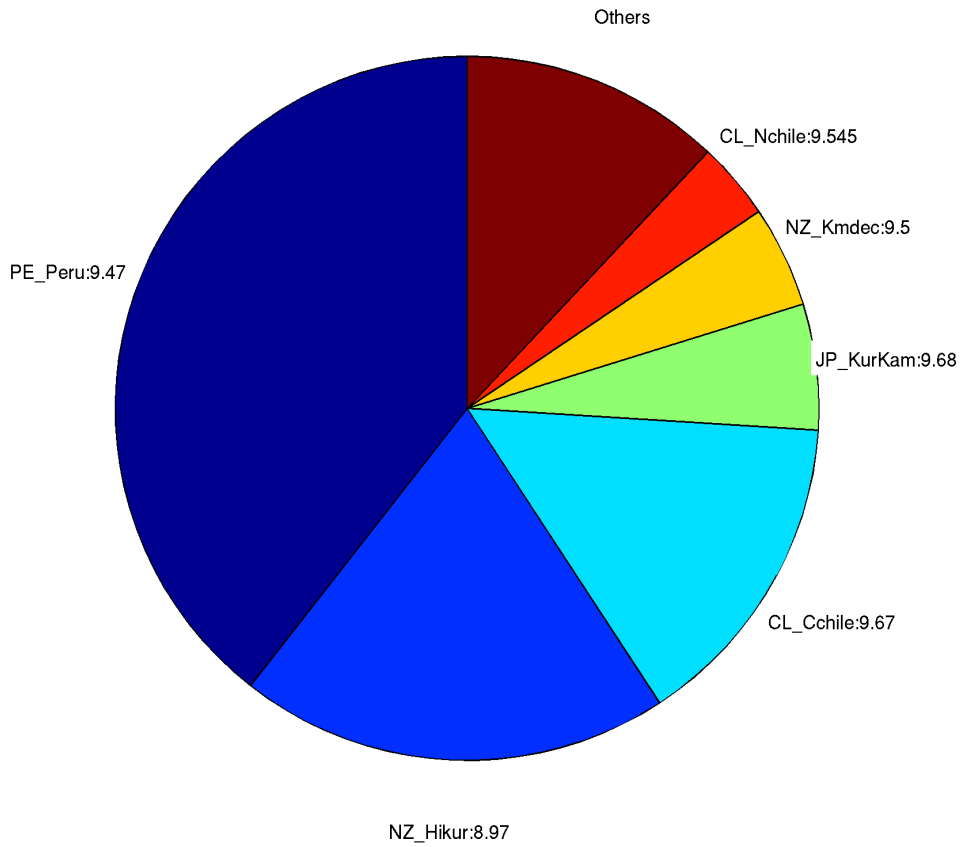




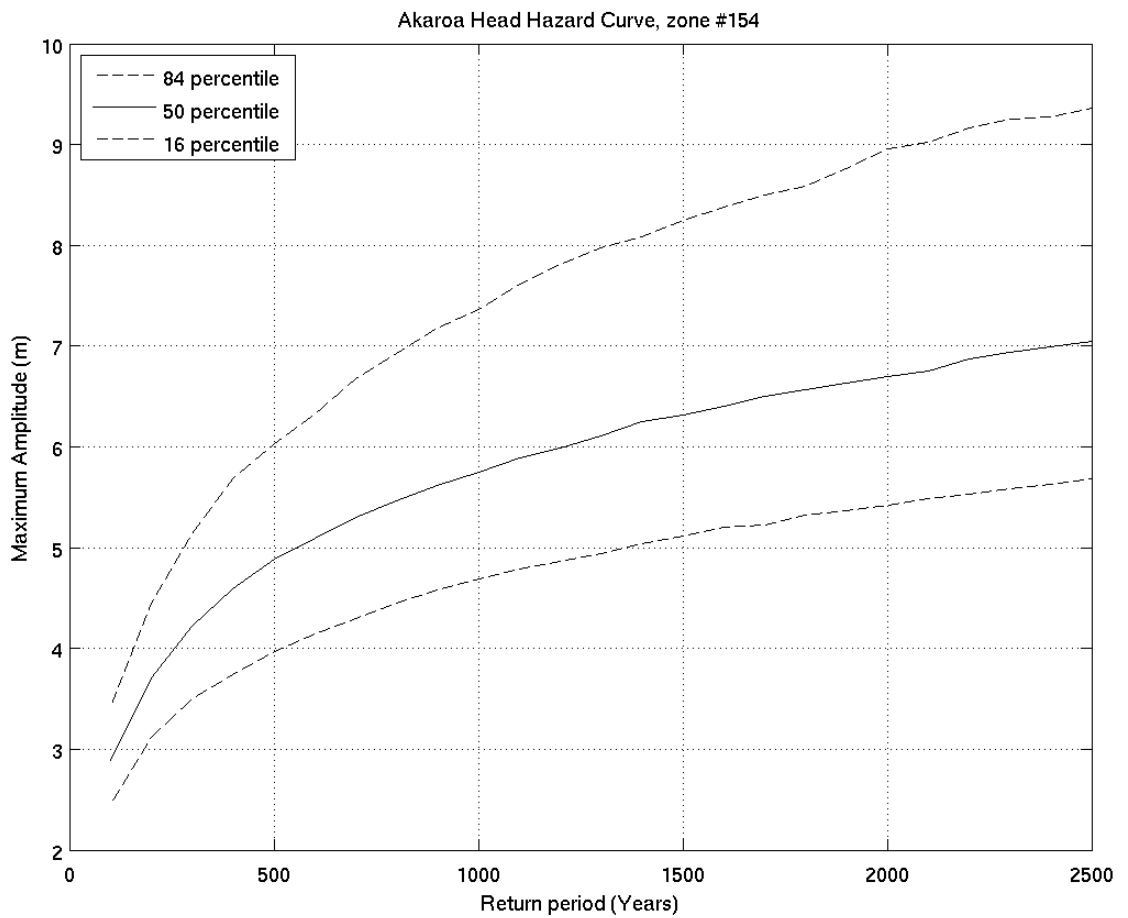
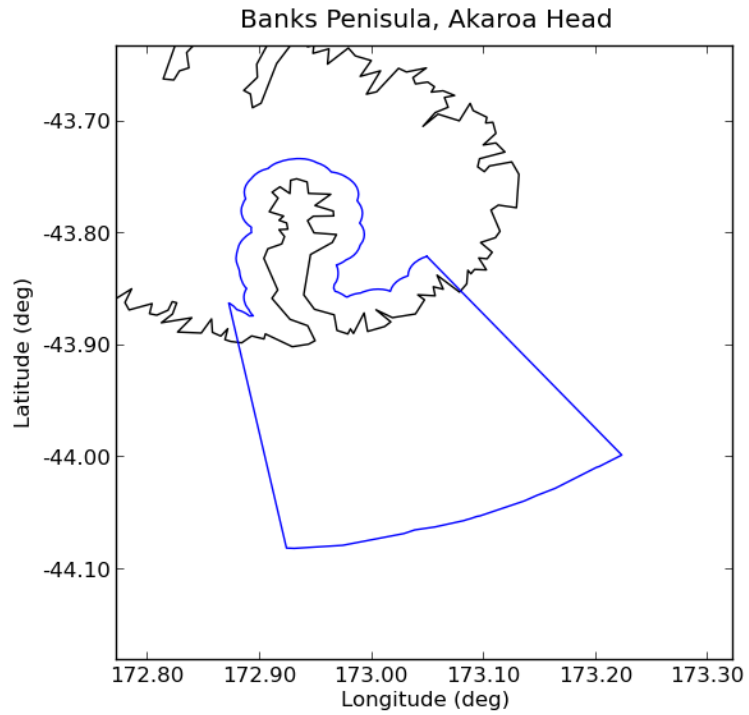
Deaggregation of Zone:153, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4378 m



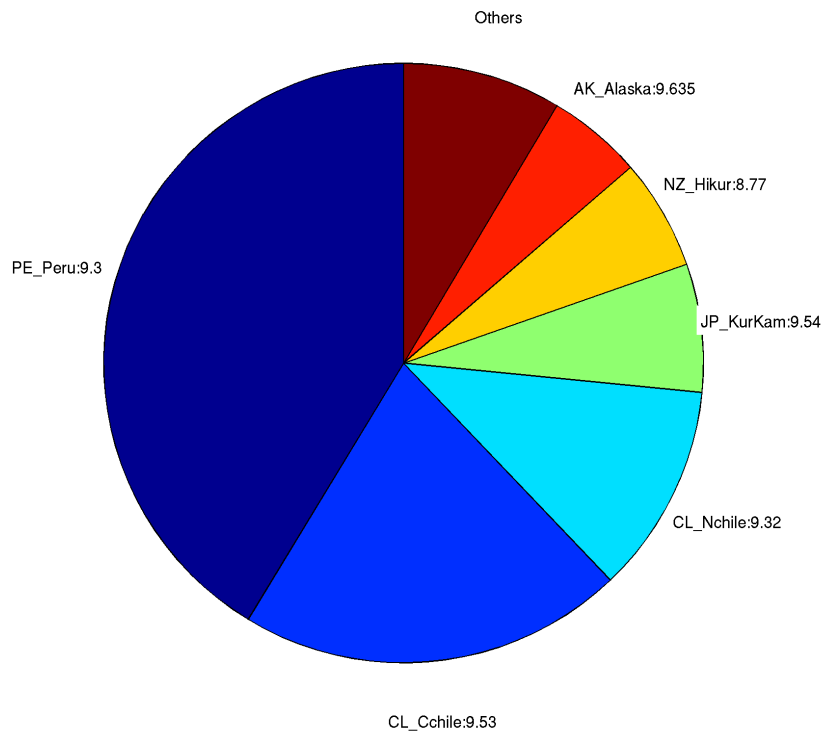
Deaggregation of Zone:153, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.945 m



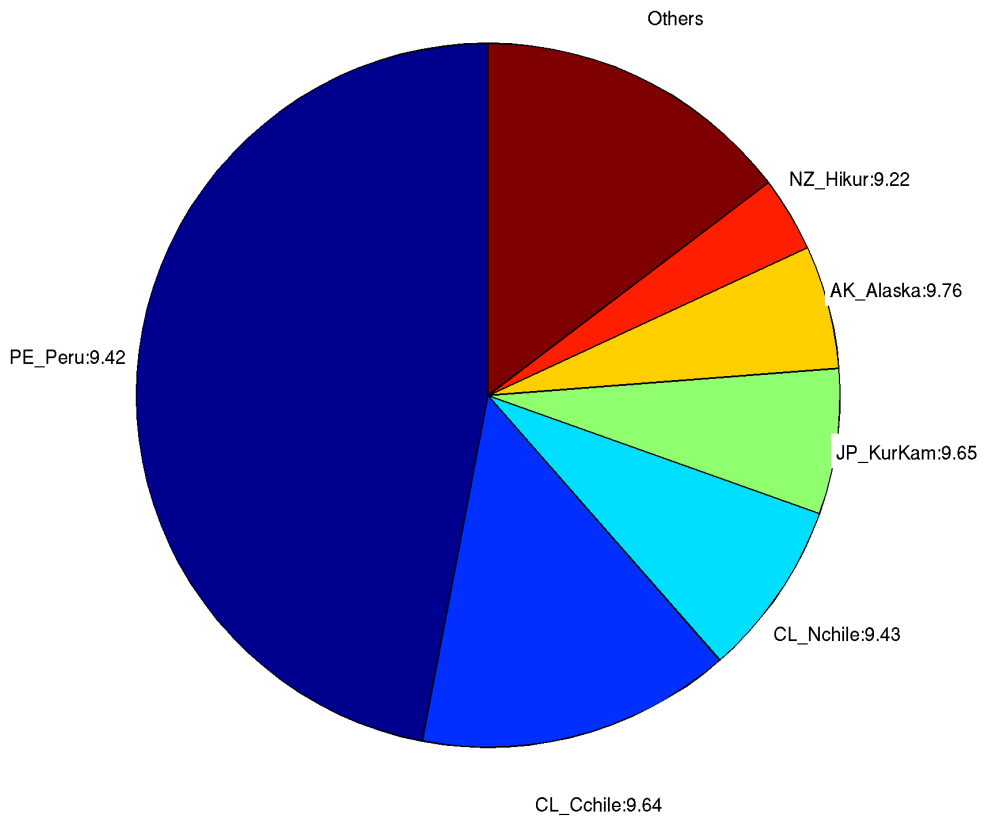
154. Akaroa Head



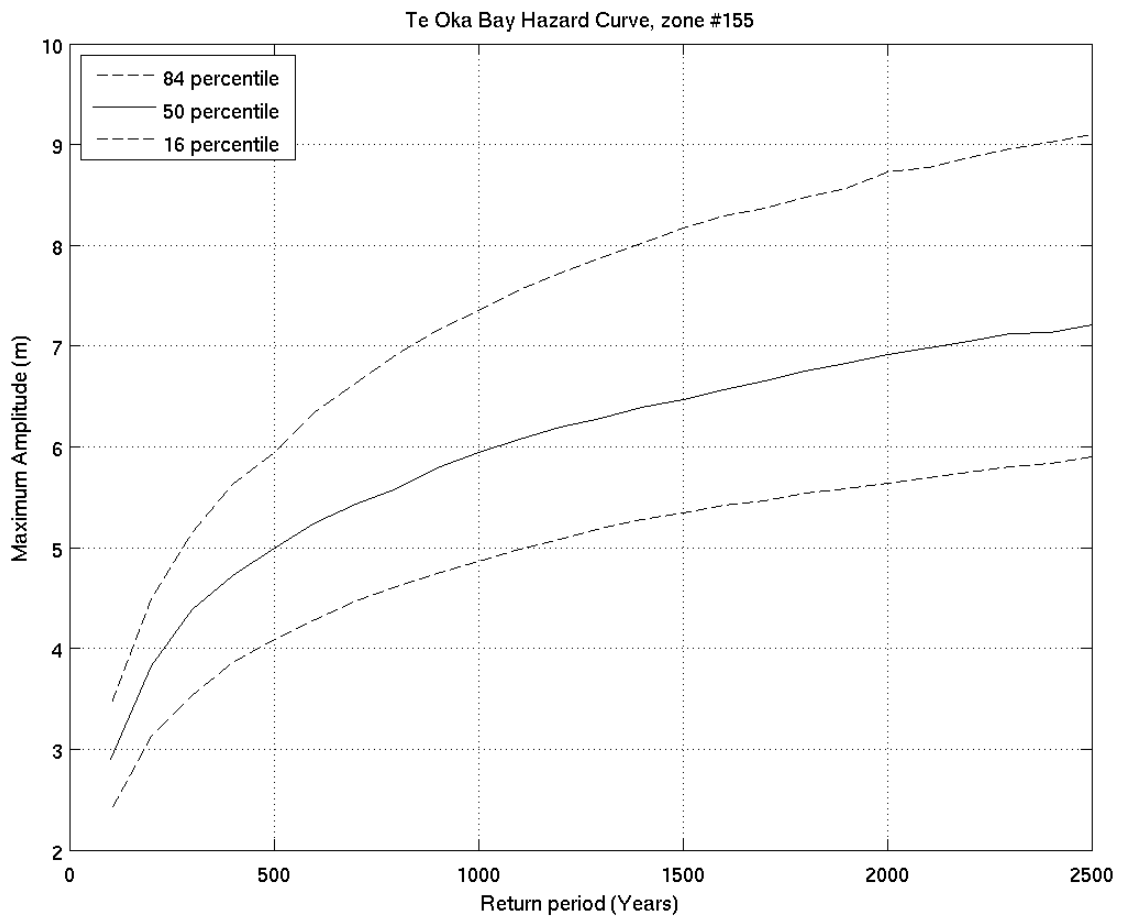
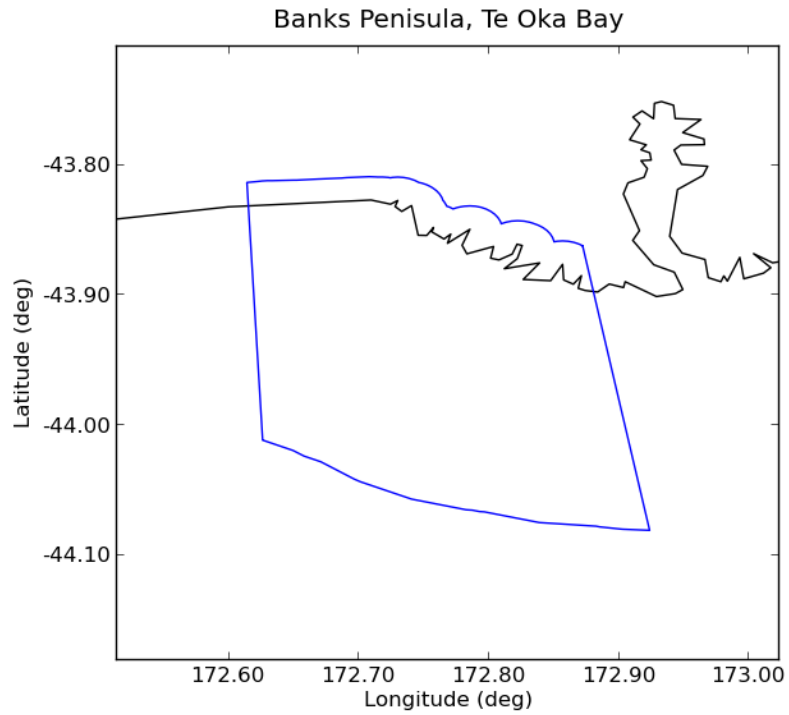
Deaggregation of Zone:154, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8783 m



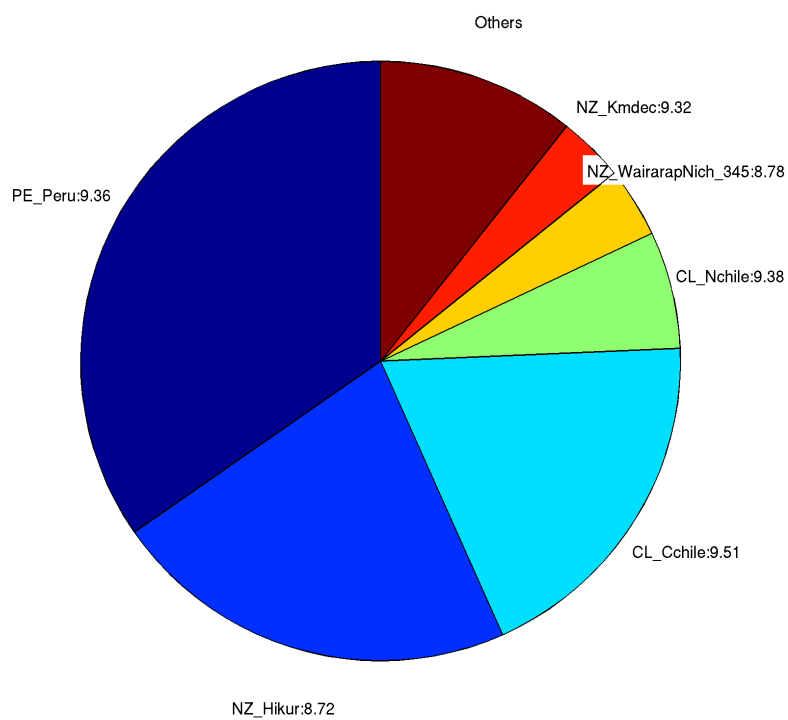
Deaggregation of Zone:154, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0473 m



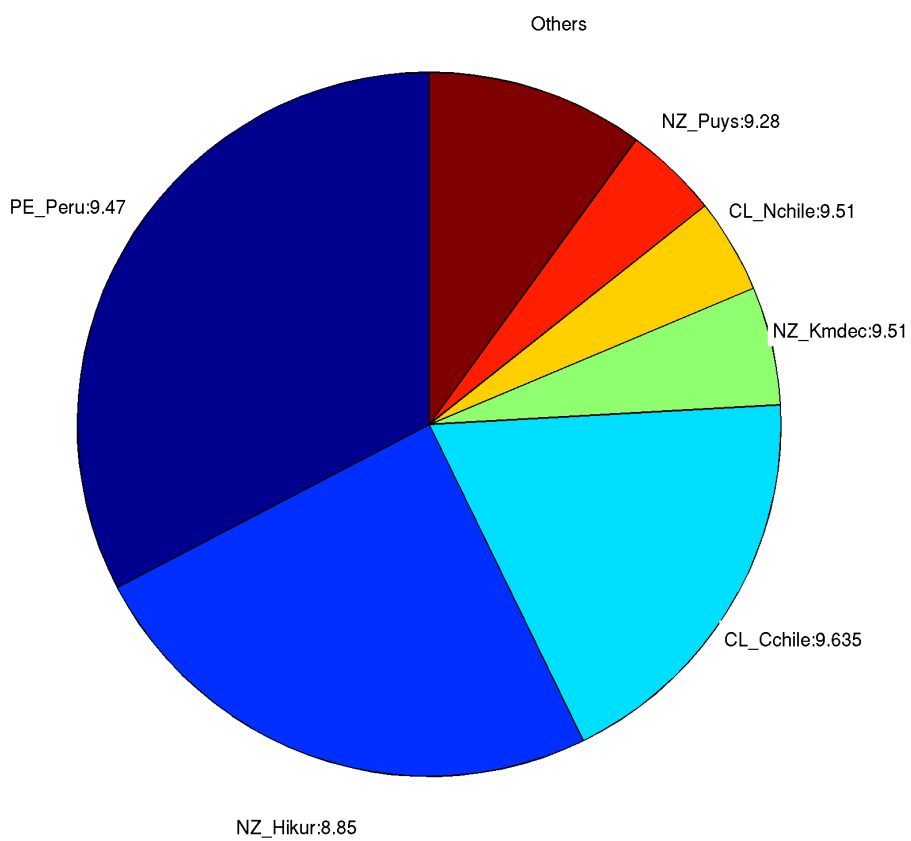
155. *Te Oka Bay*



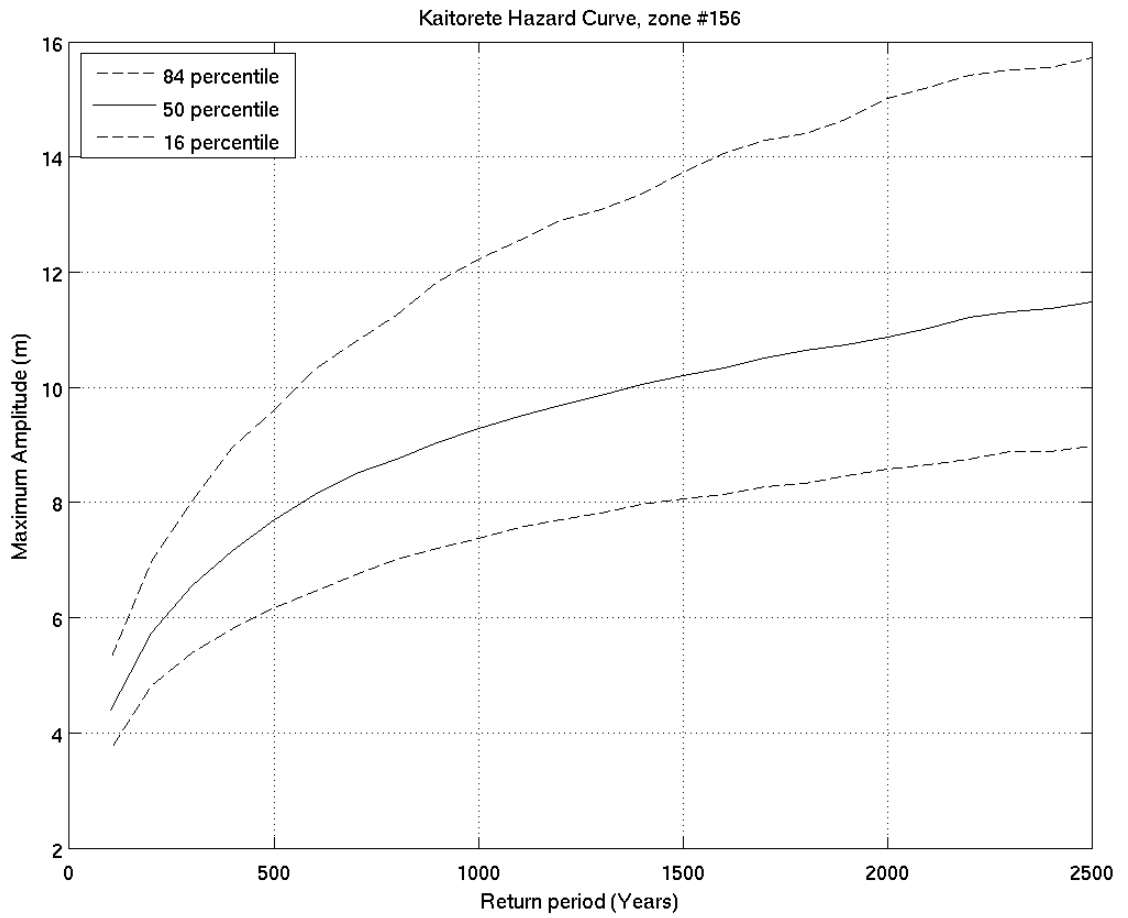
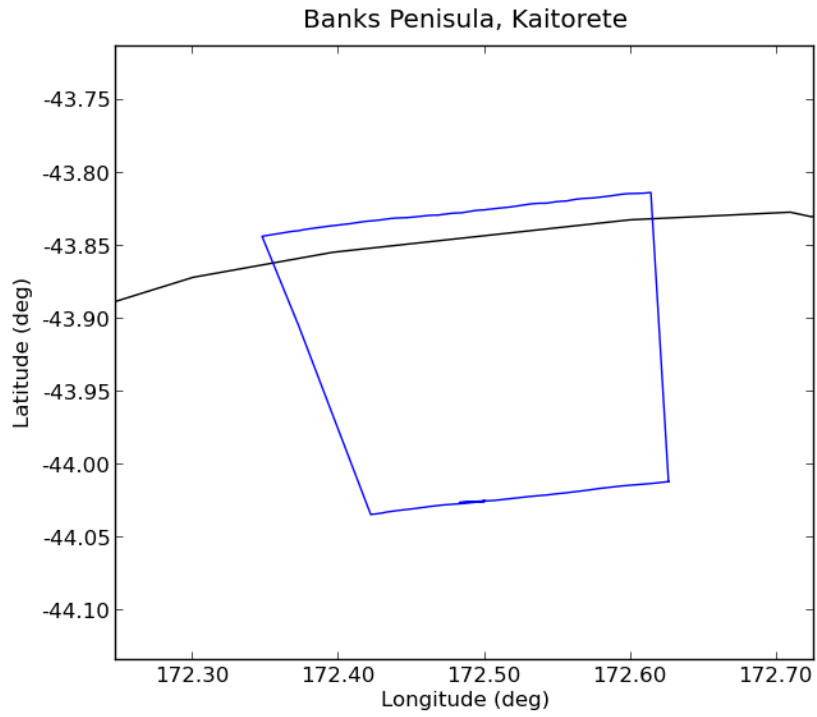
Deaggregation of Zone:155, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9803 m



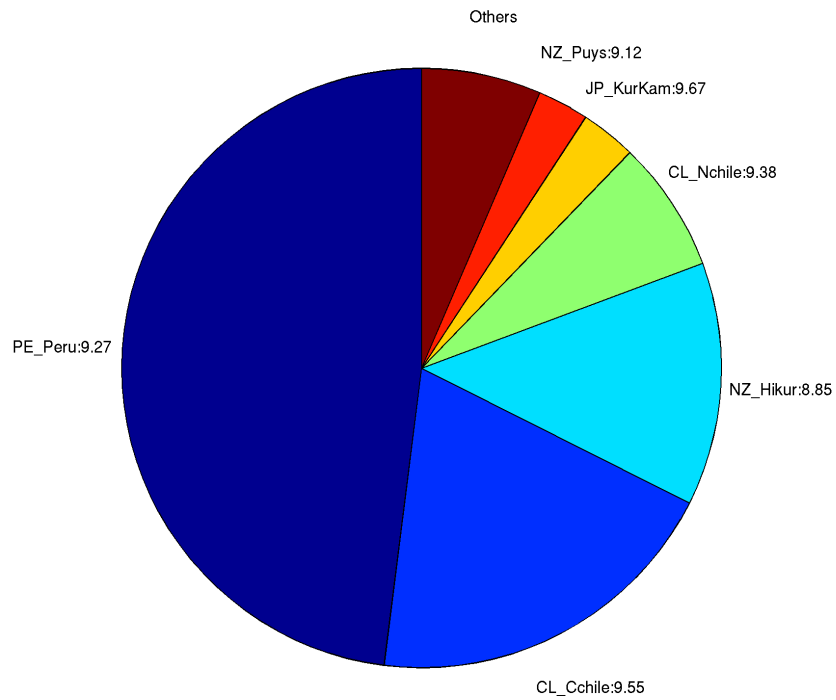
Deaggregation of Zone:155, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2057 m



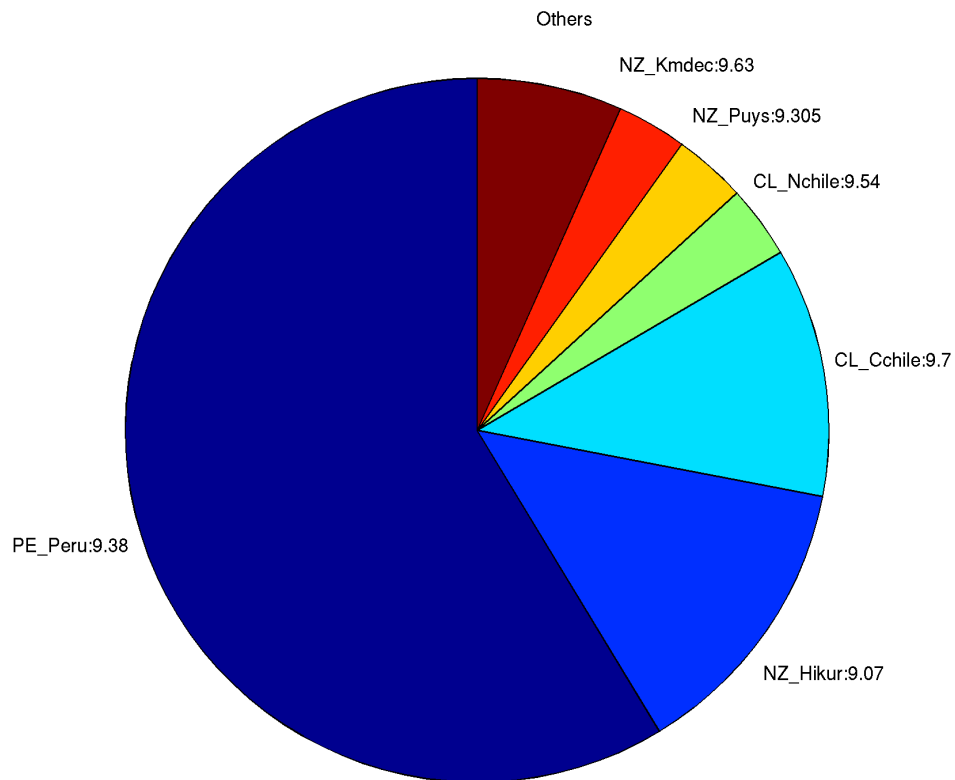
156. *Kaitorete*



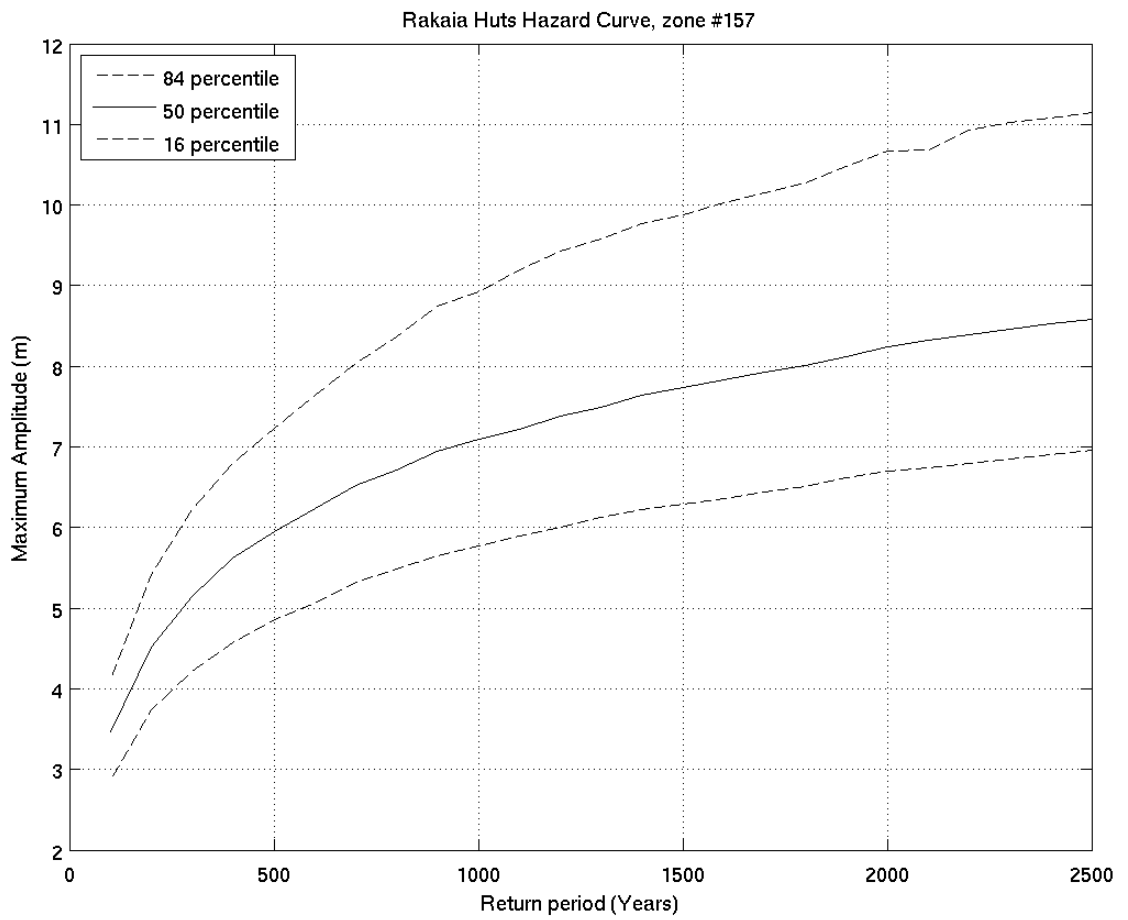
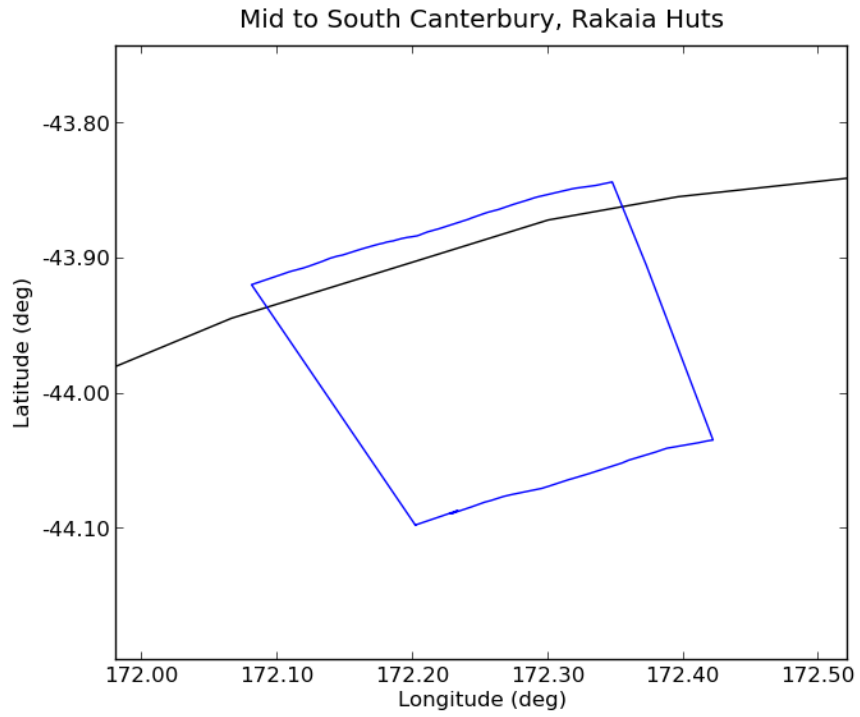
Deaggregation of Zone:156, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.6943 m



Deaggregation of Zone:156, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.468 m

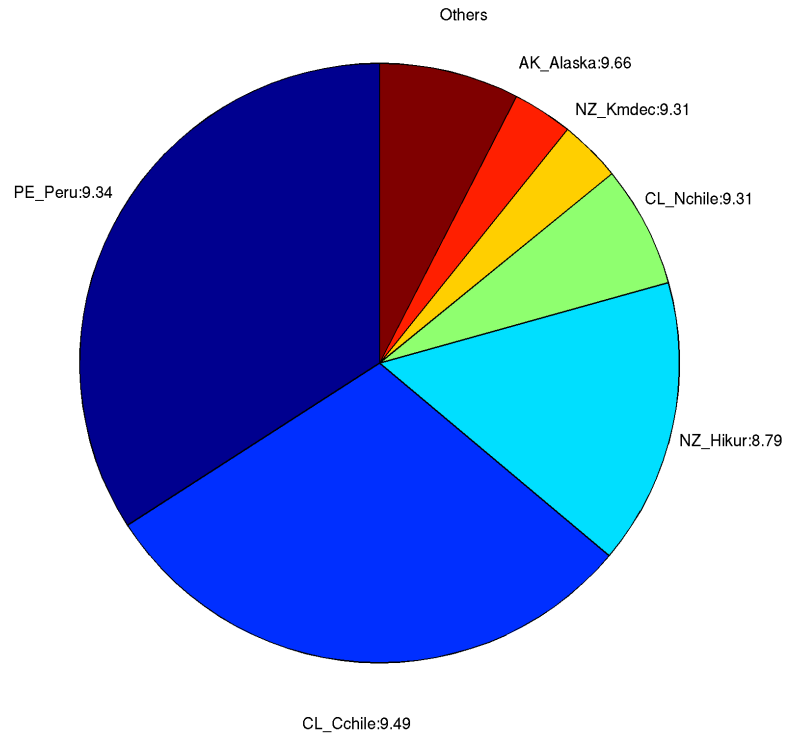


# 157. Rakaia Huts

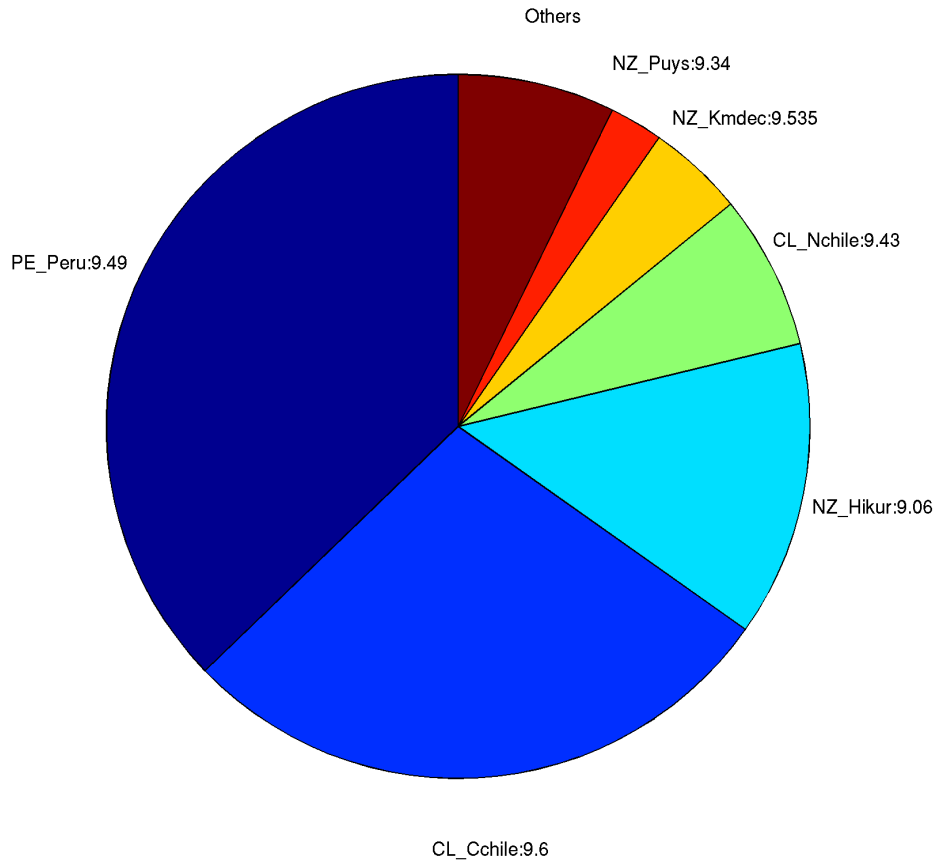




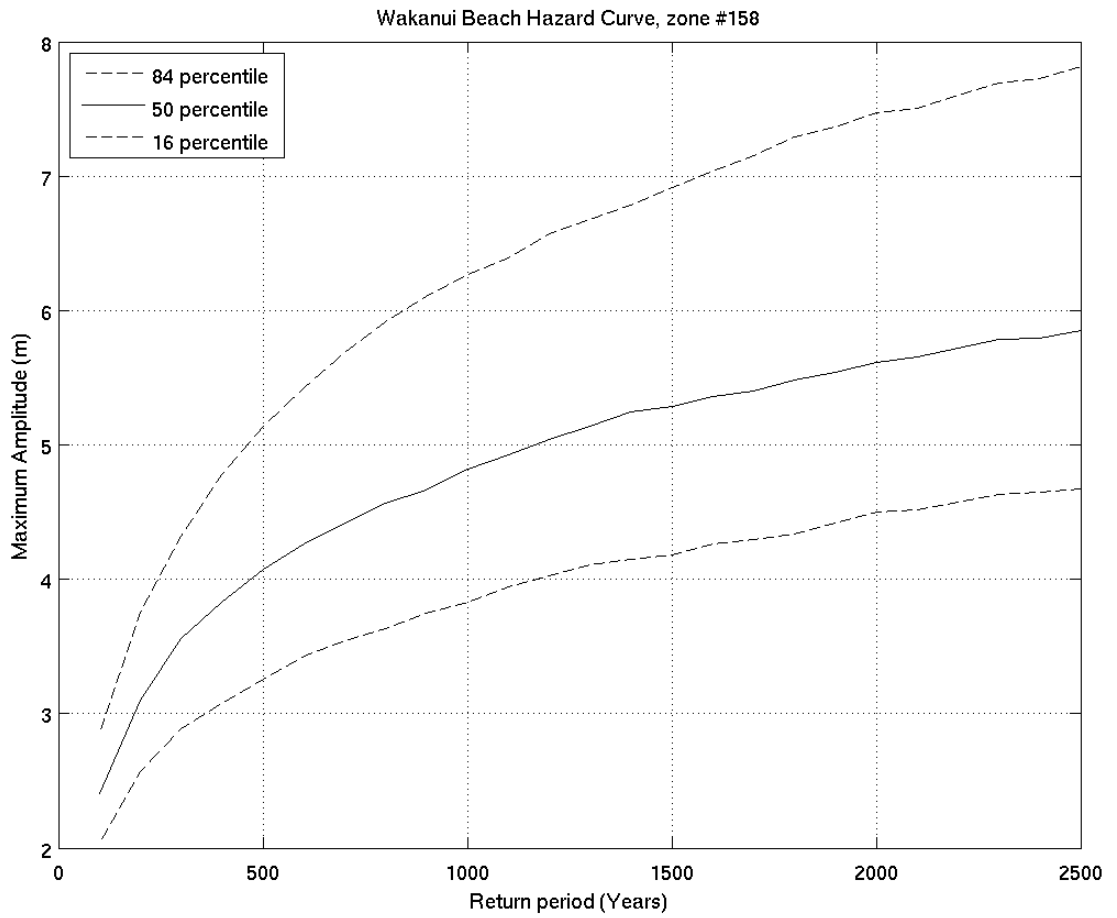
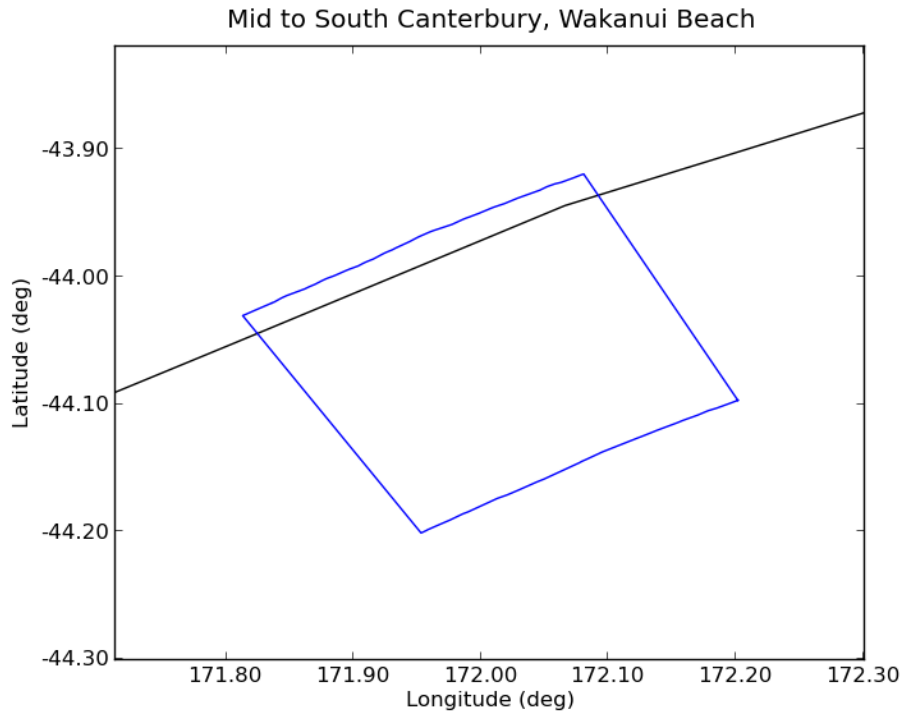
Deaggregation of Zone:157, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9498 m



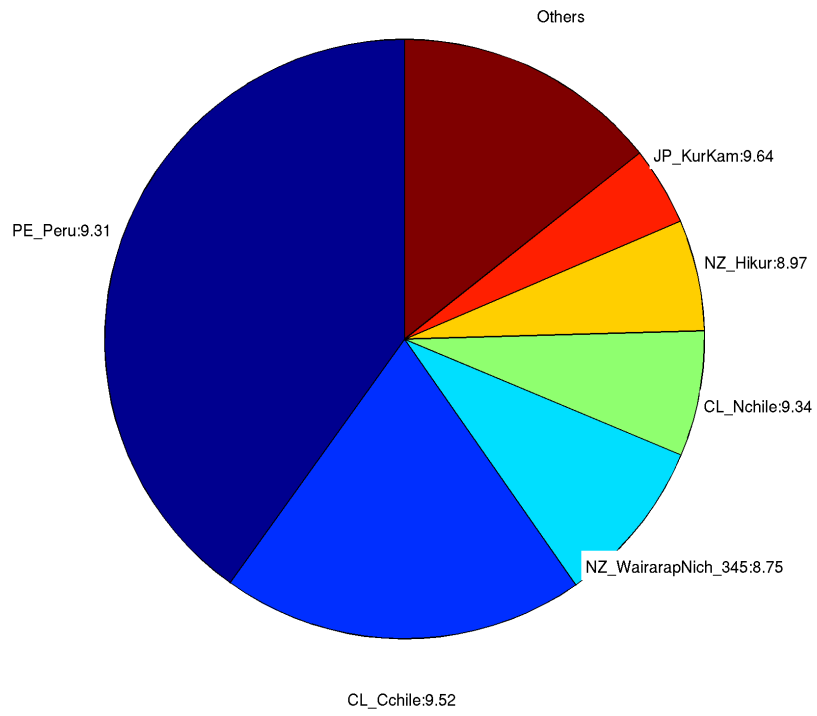
Deaggregation of Zone:157, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5843 m



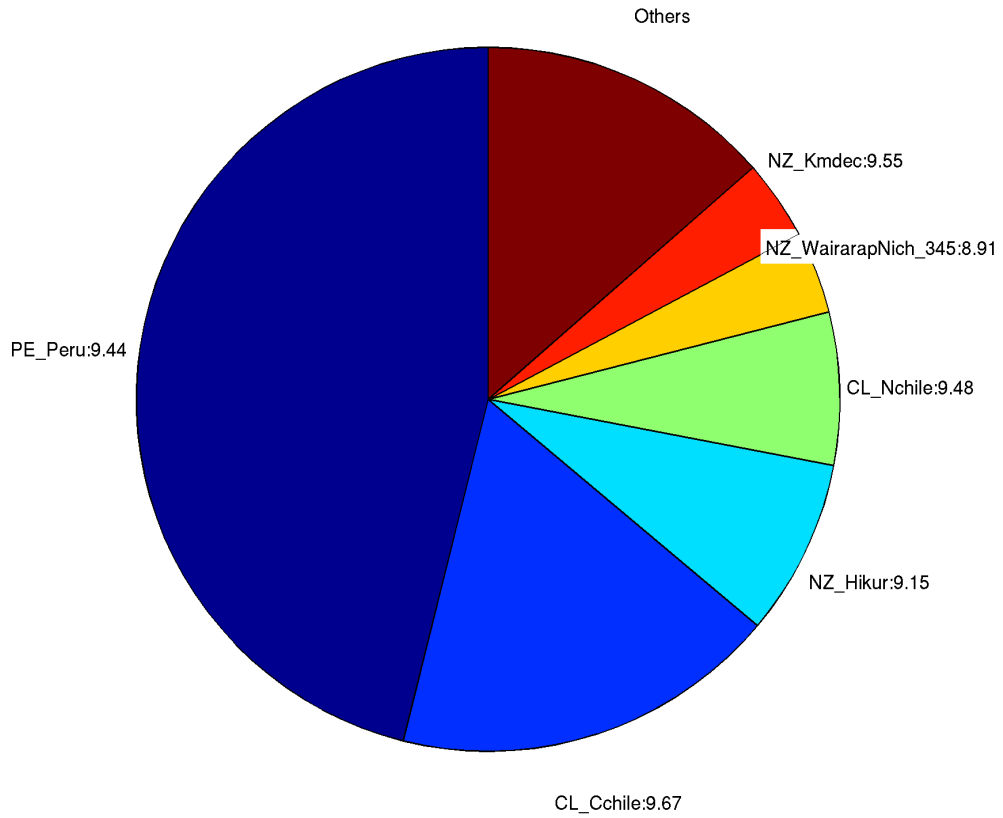
158. *Wakanui Beach*



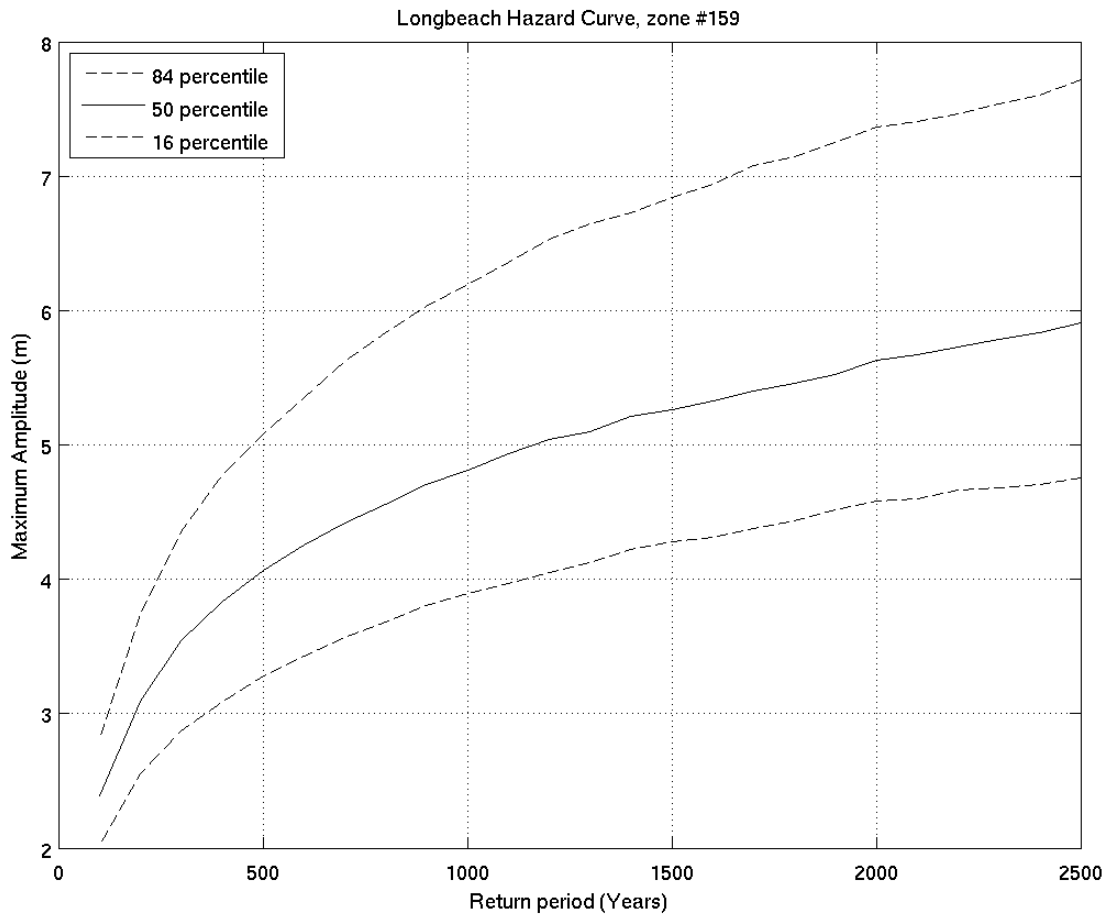
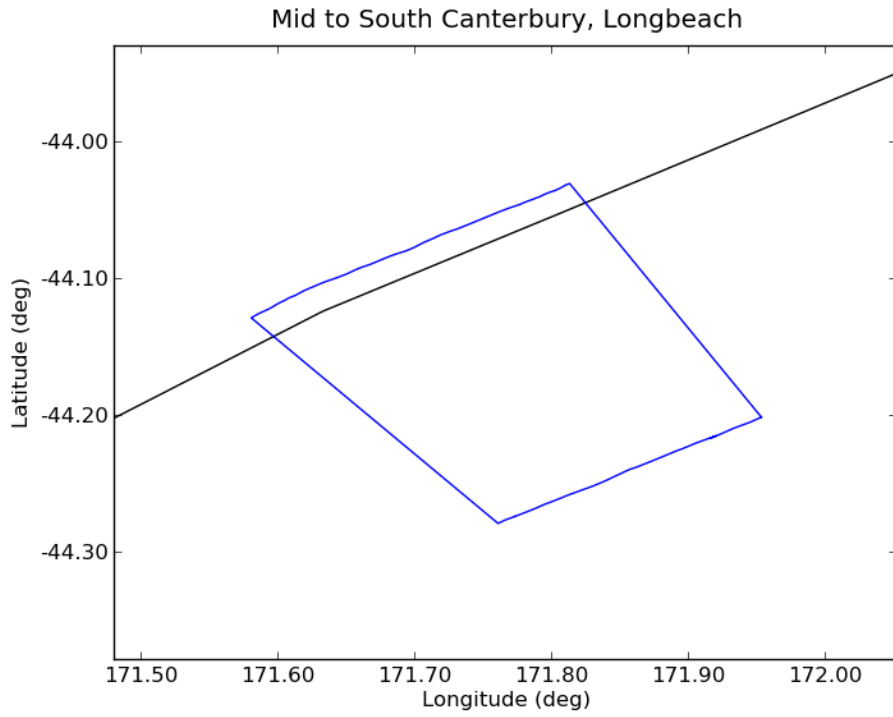
Deaggregation of Zone:158, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0763 m



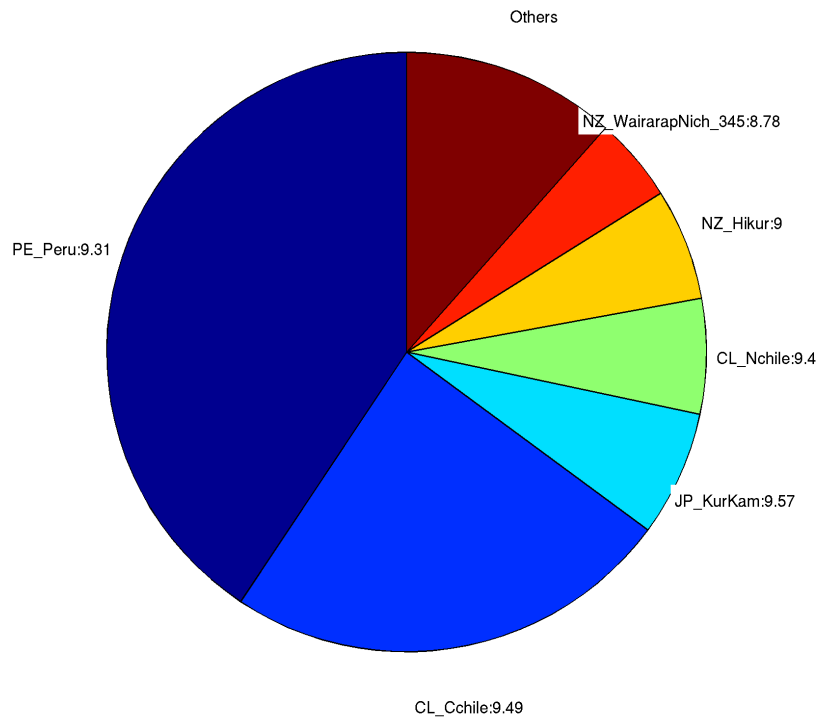
Deaggregation of Zone:158, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8488 m



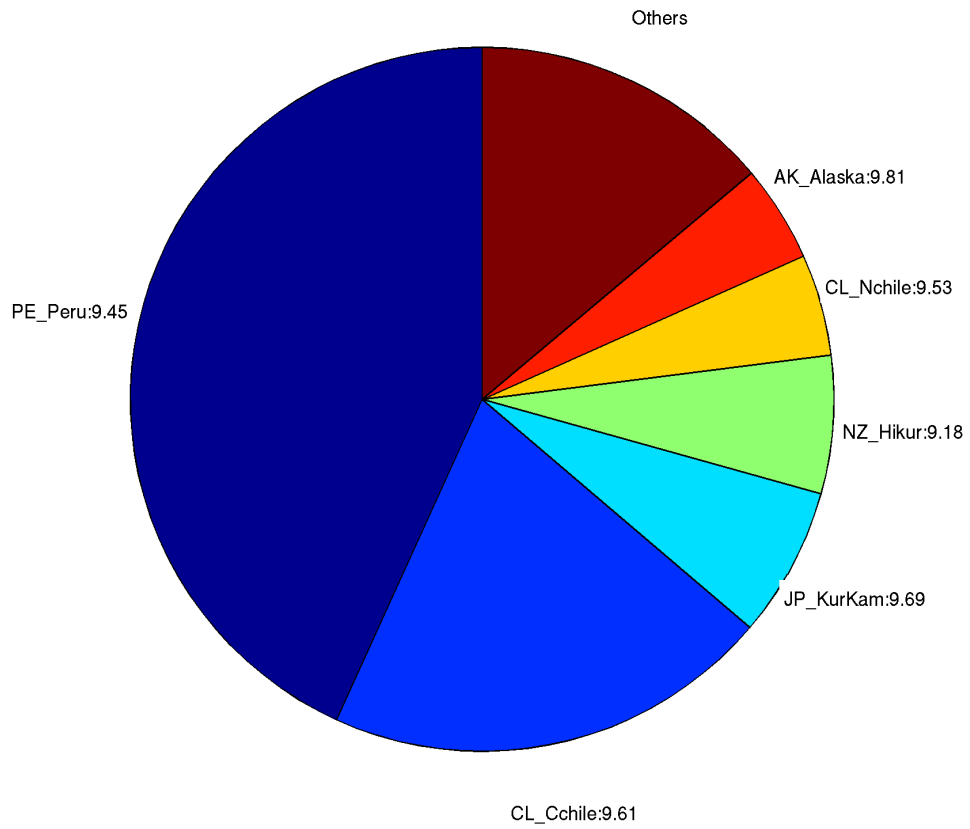
159. *Longbeach*



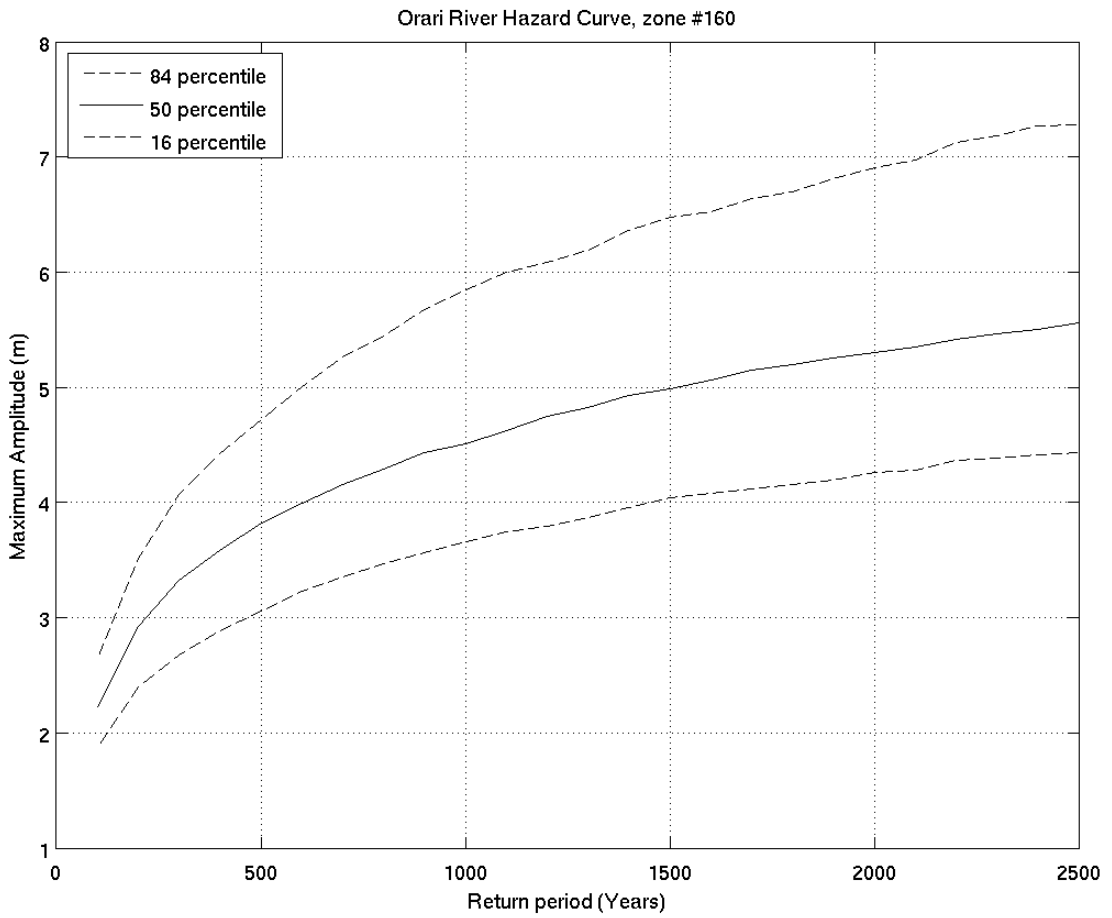
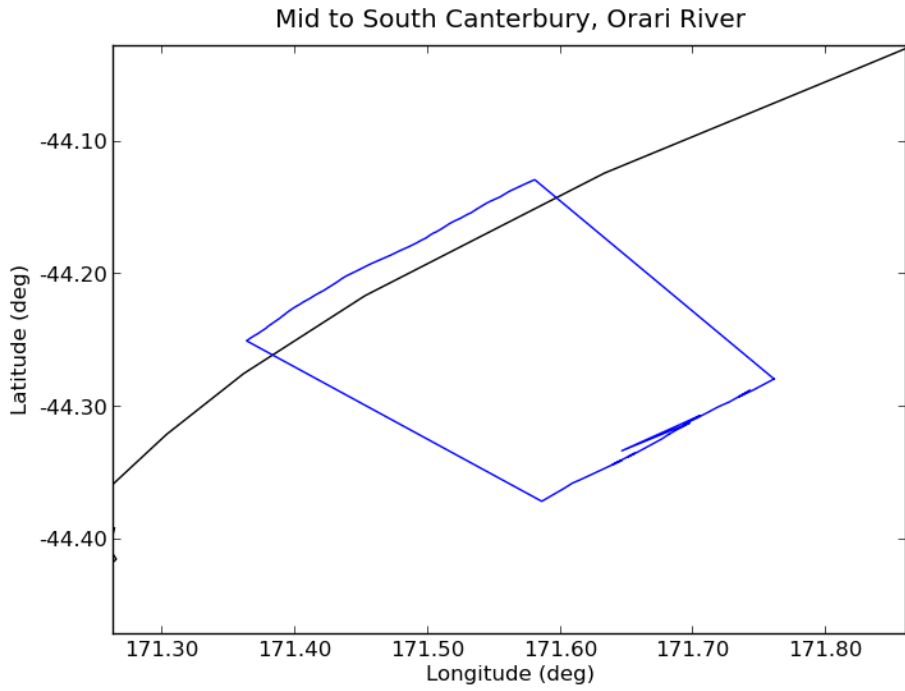
Deaggregation of Zone:159, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0585 m



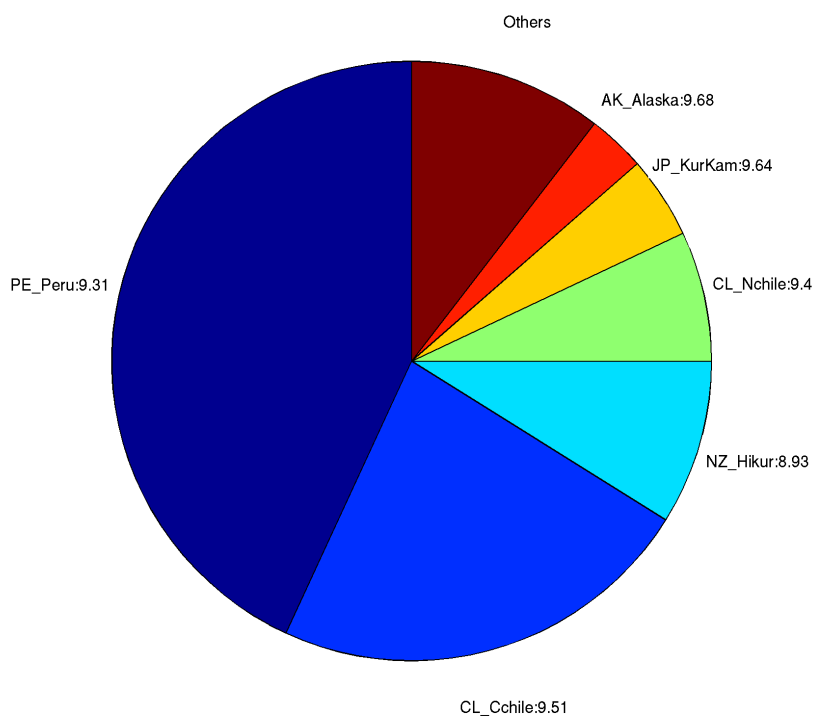
Deaggregation of Zone:159, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8858 m



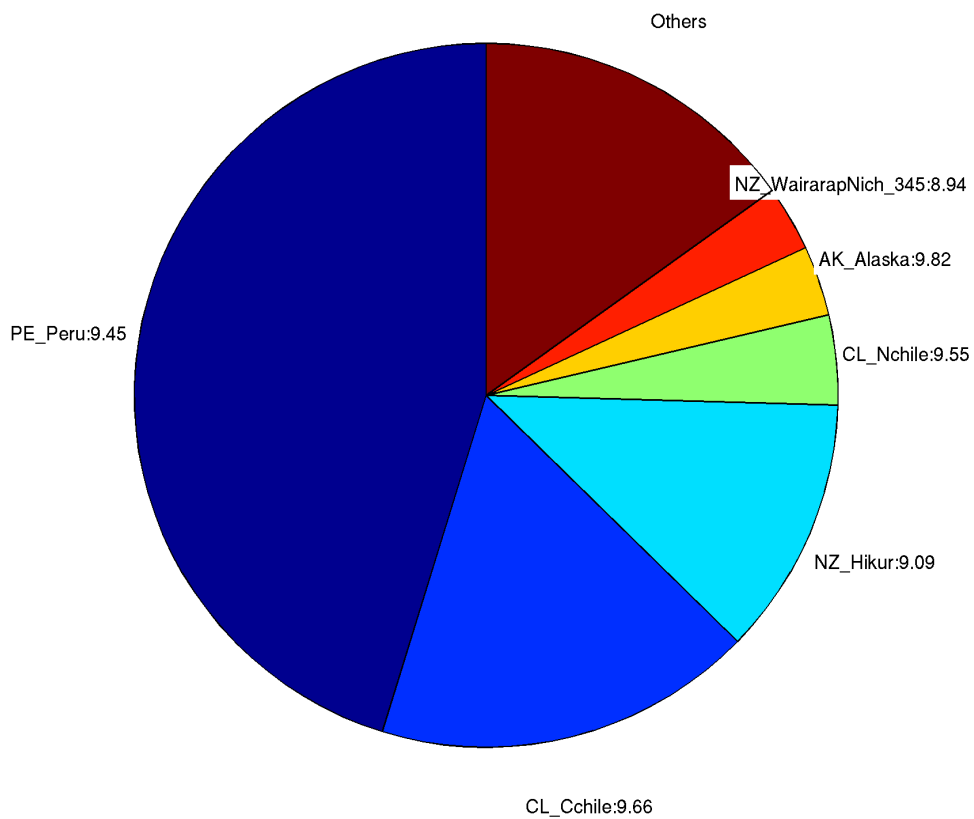
160. **Orari River**



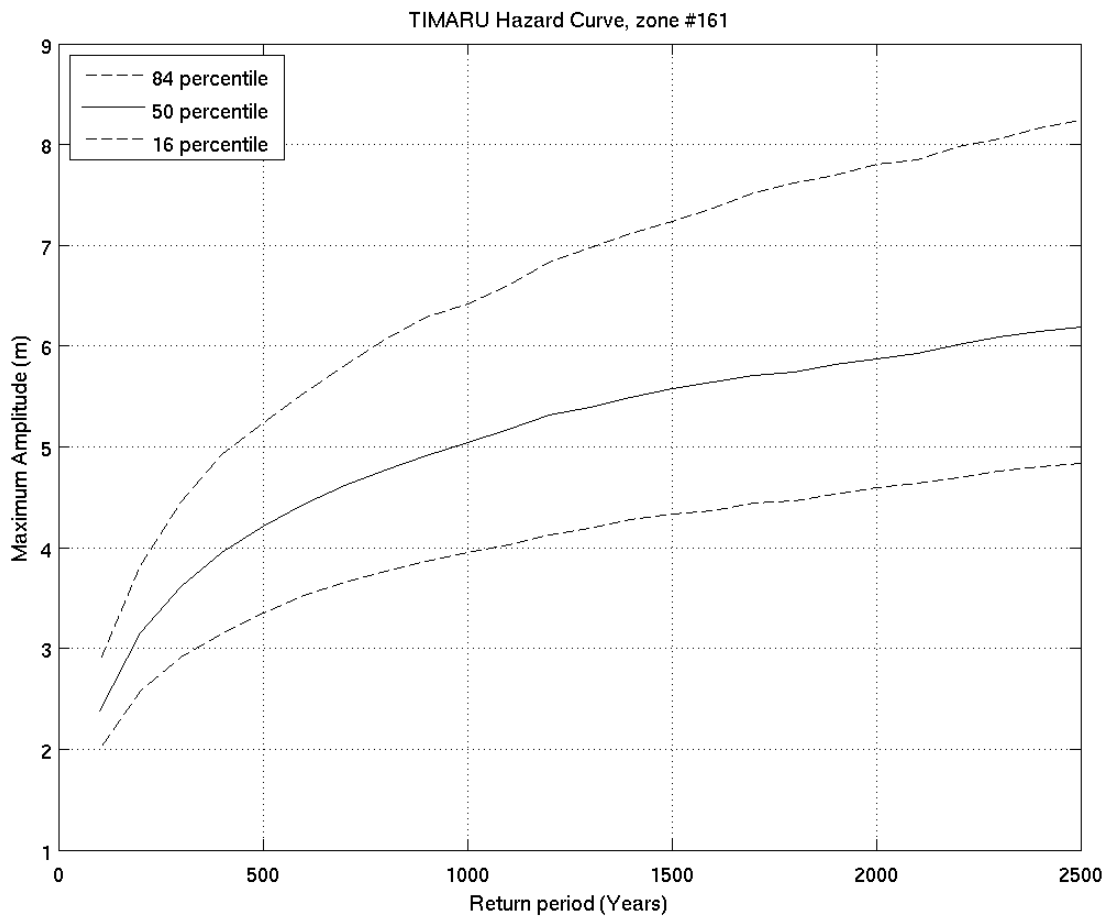
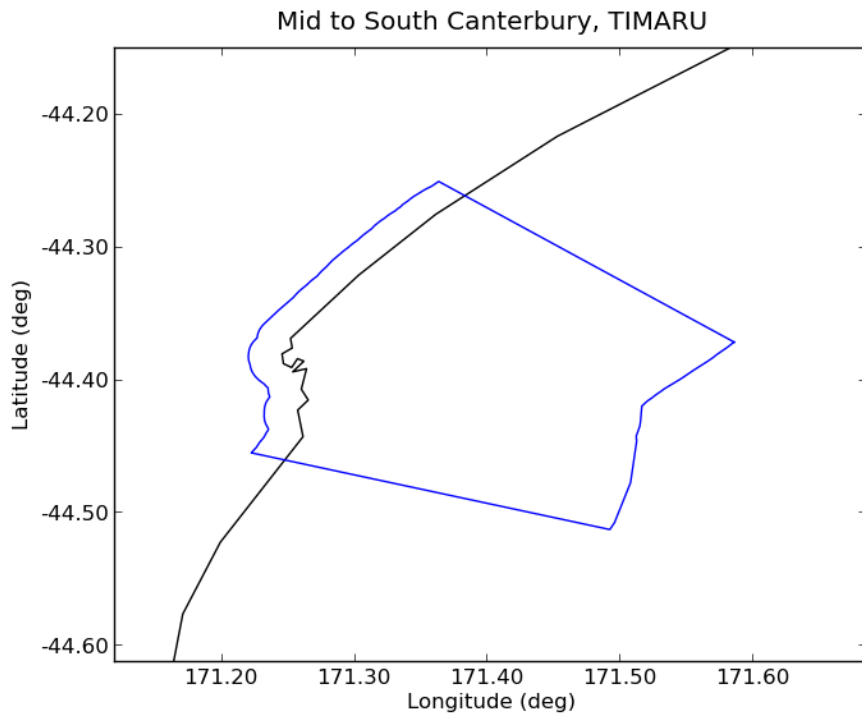
Deaggregation of Zone:160, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8199 m



Deaggregation of Zone:160, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.5499 m

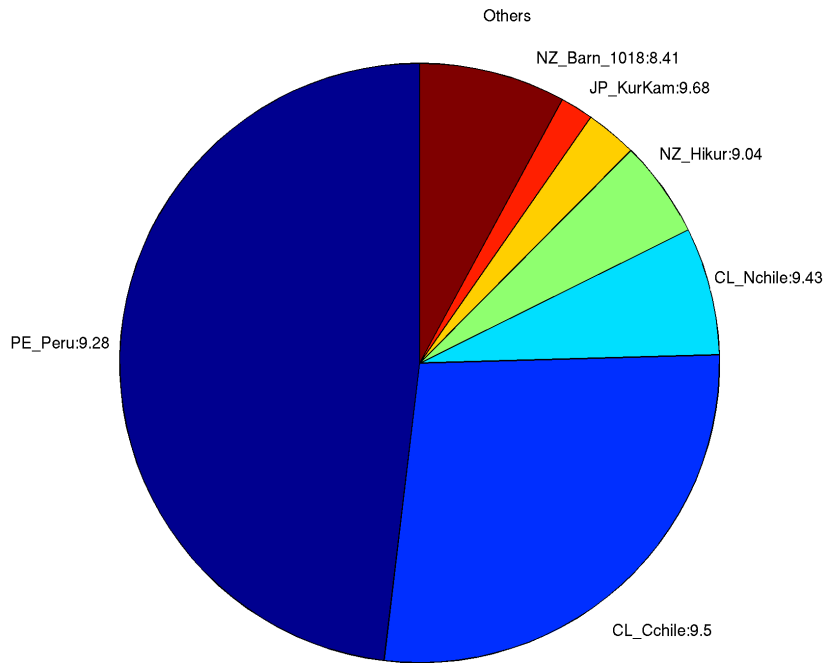


161. **TIMARU**

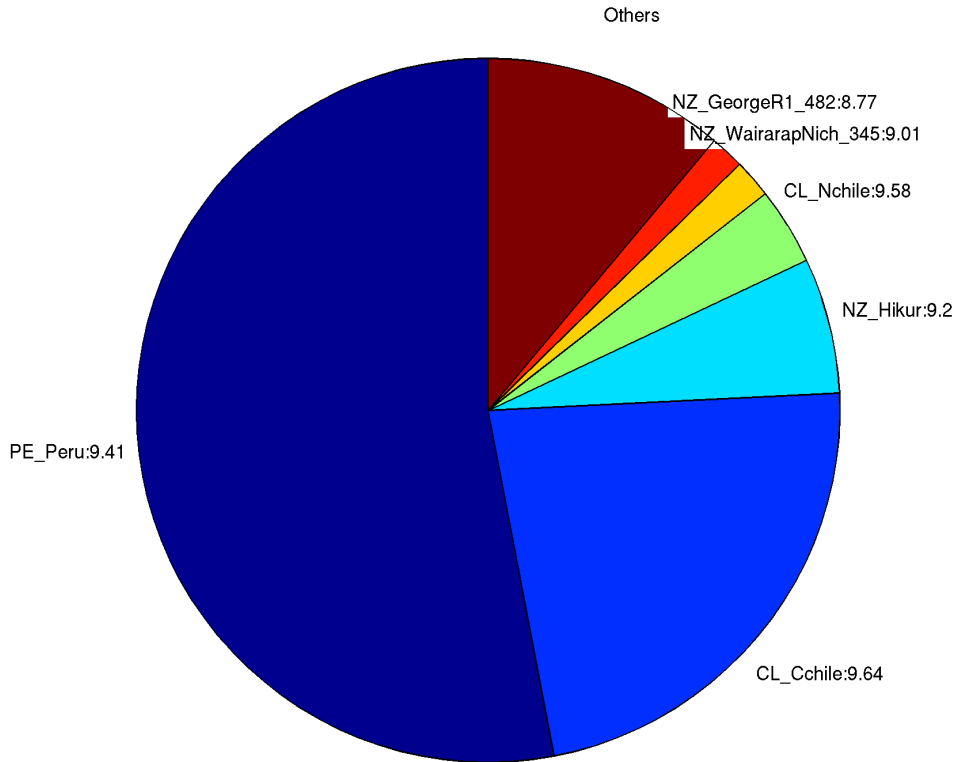




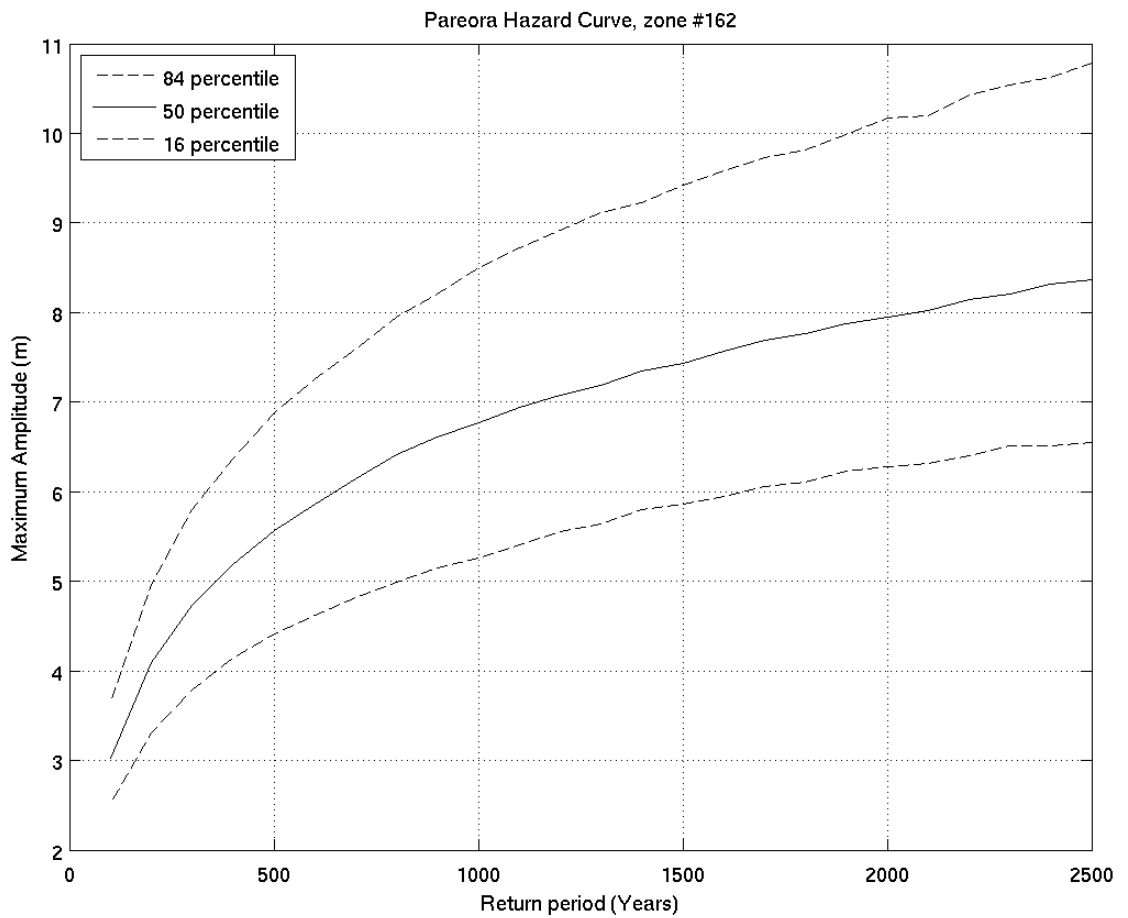
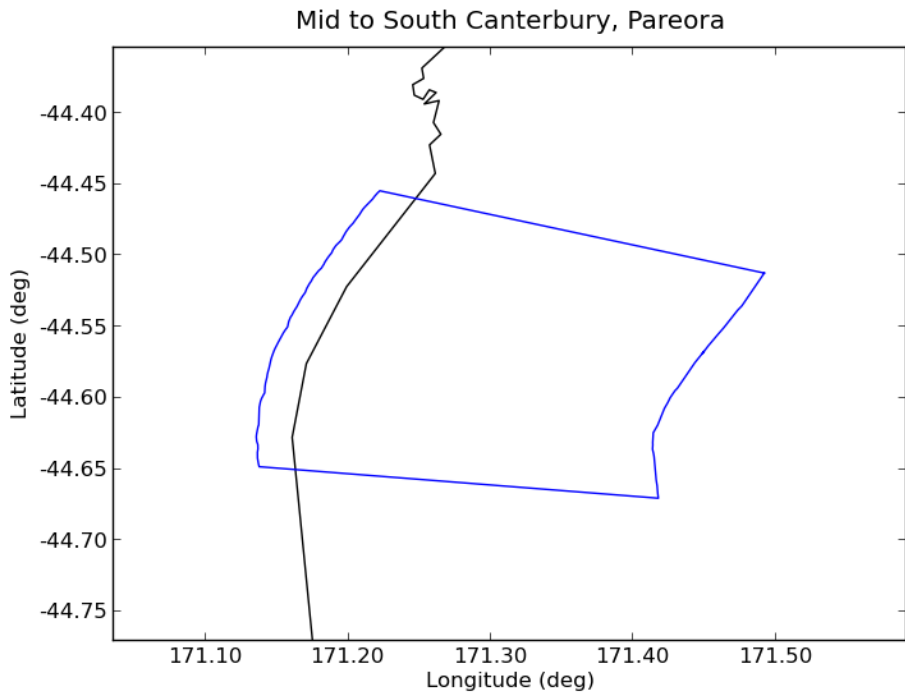
Deaggregation of Zone:161, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.2032 m



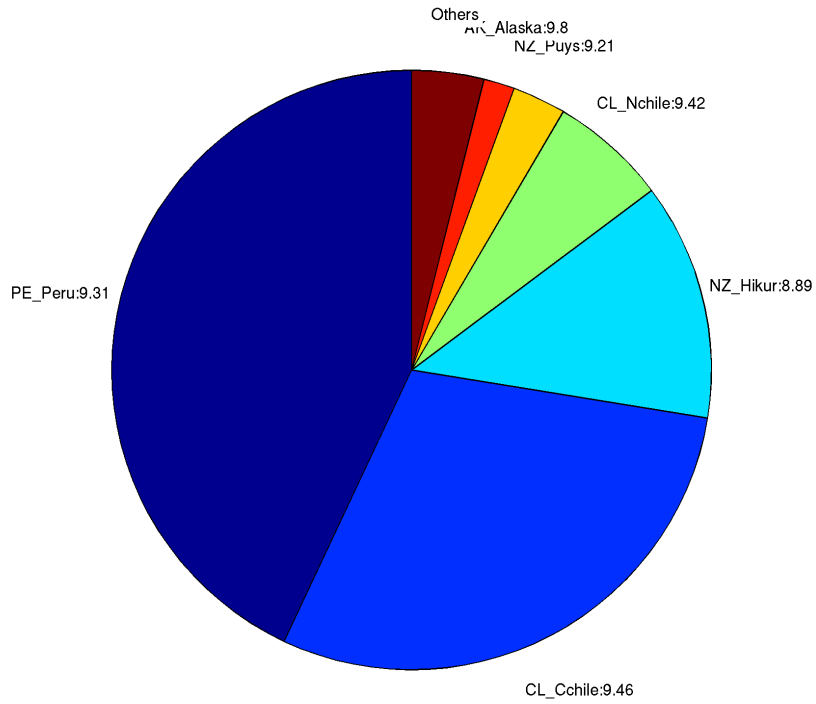
Deaggregation of Zone:161, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.1866 m



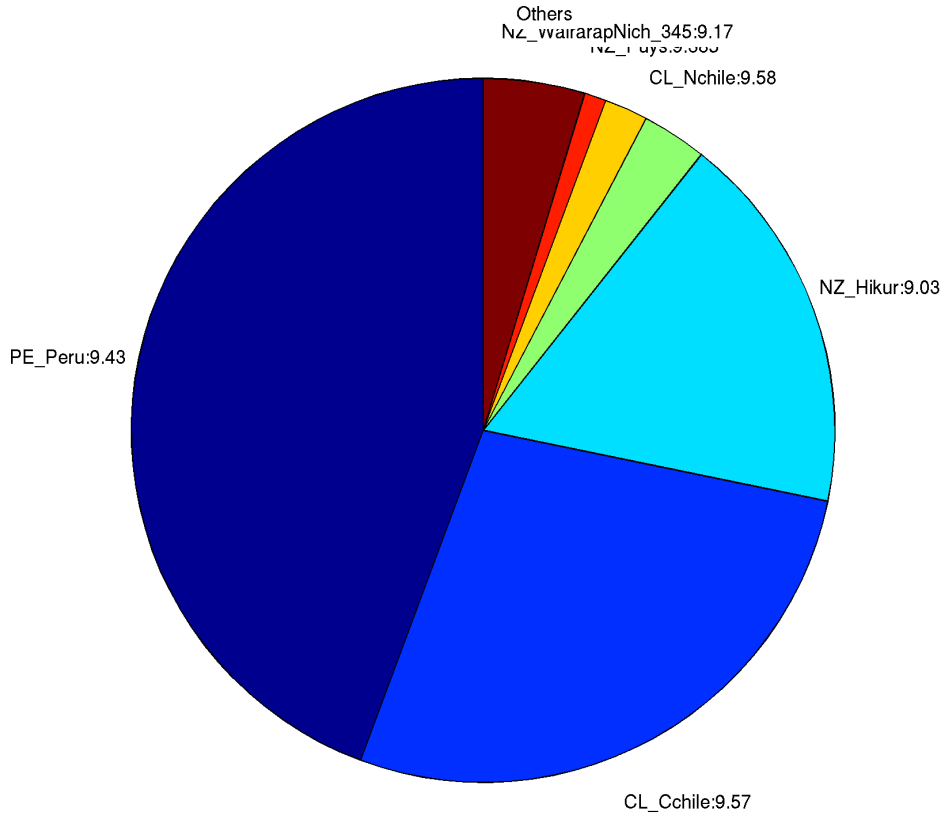
162. **Pareora**



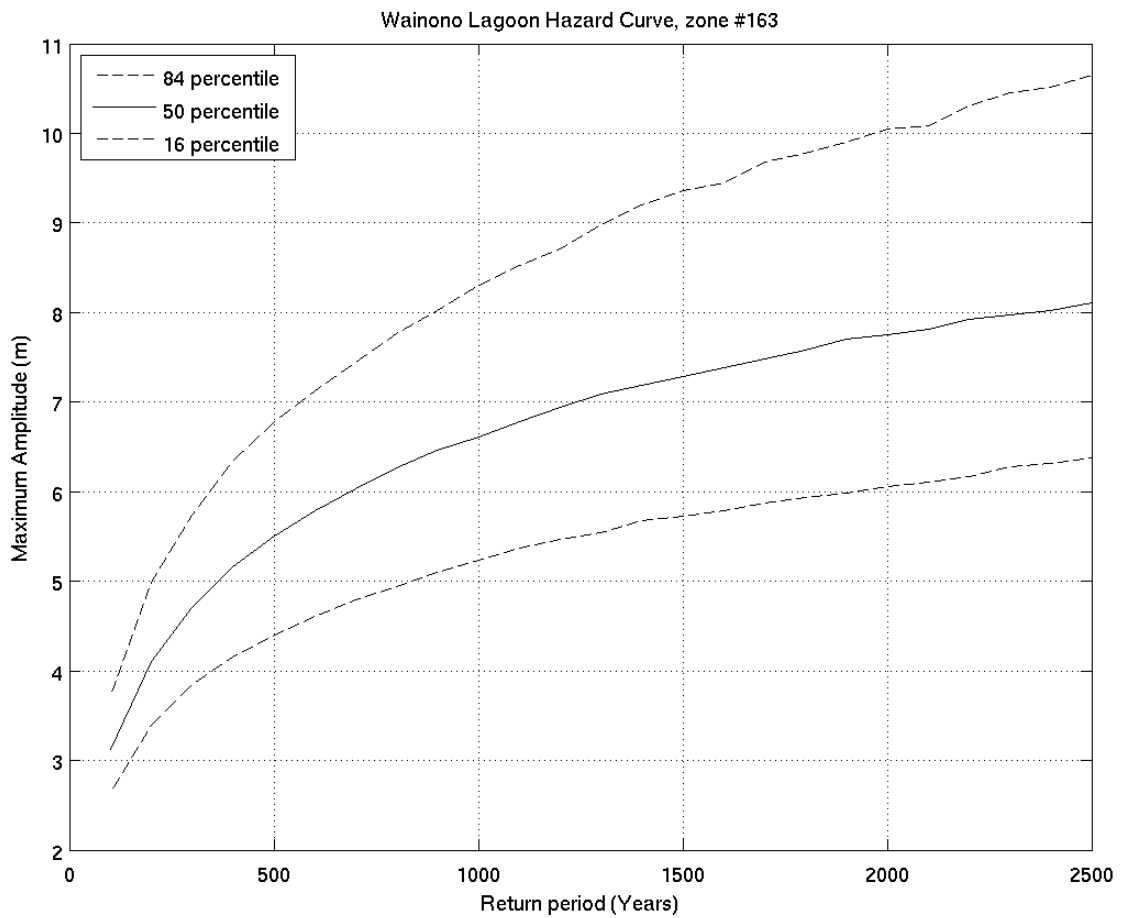
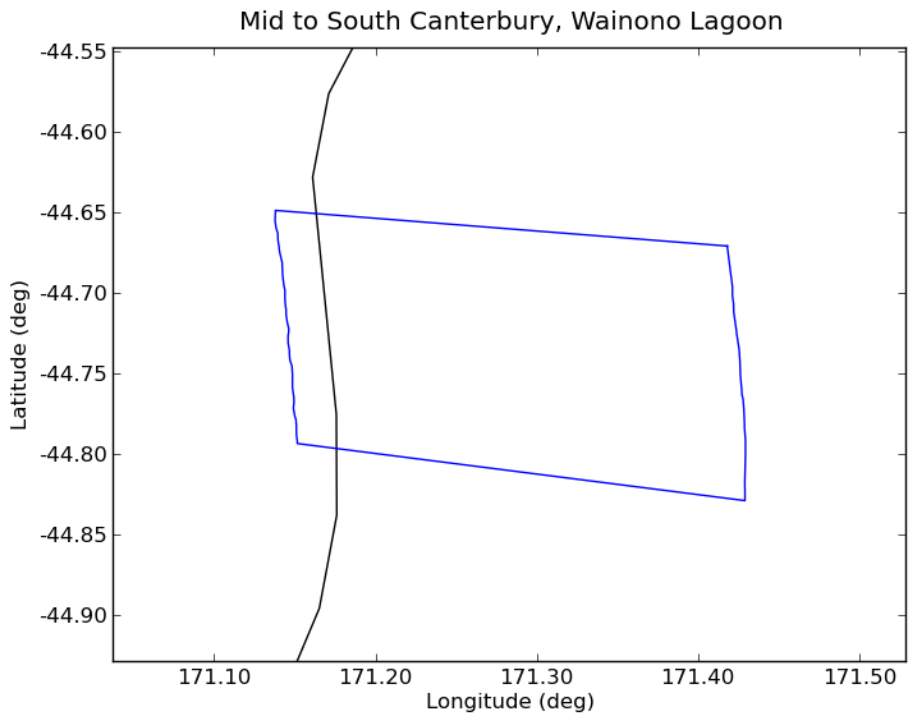
Deaggregation of Zone:162, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.5624 m



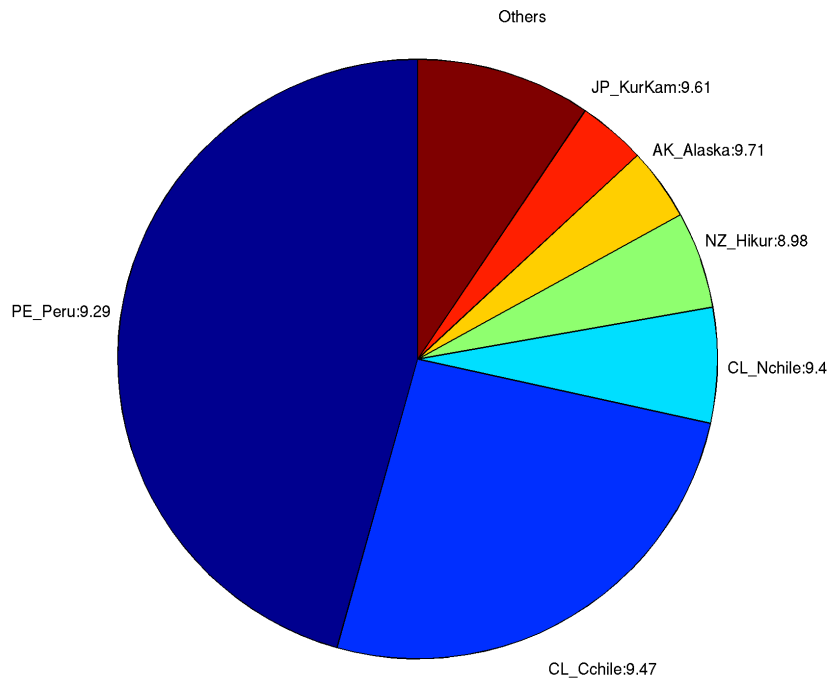
Deaggregation of Zone:162, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.3557 m



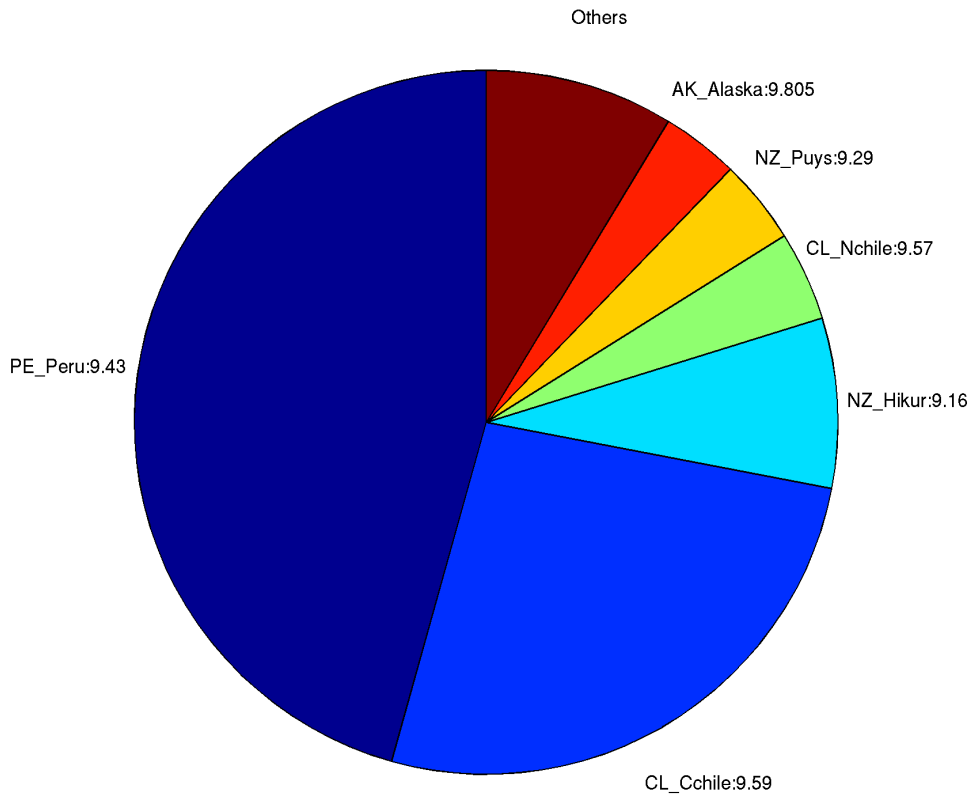
### 163. Wainono Lagoon



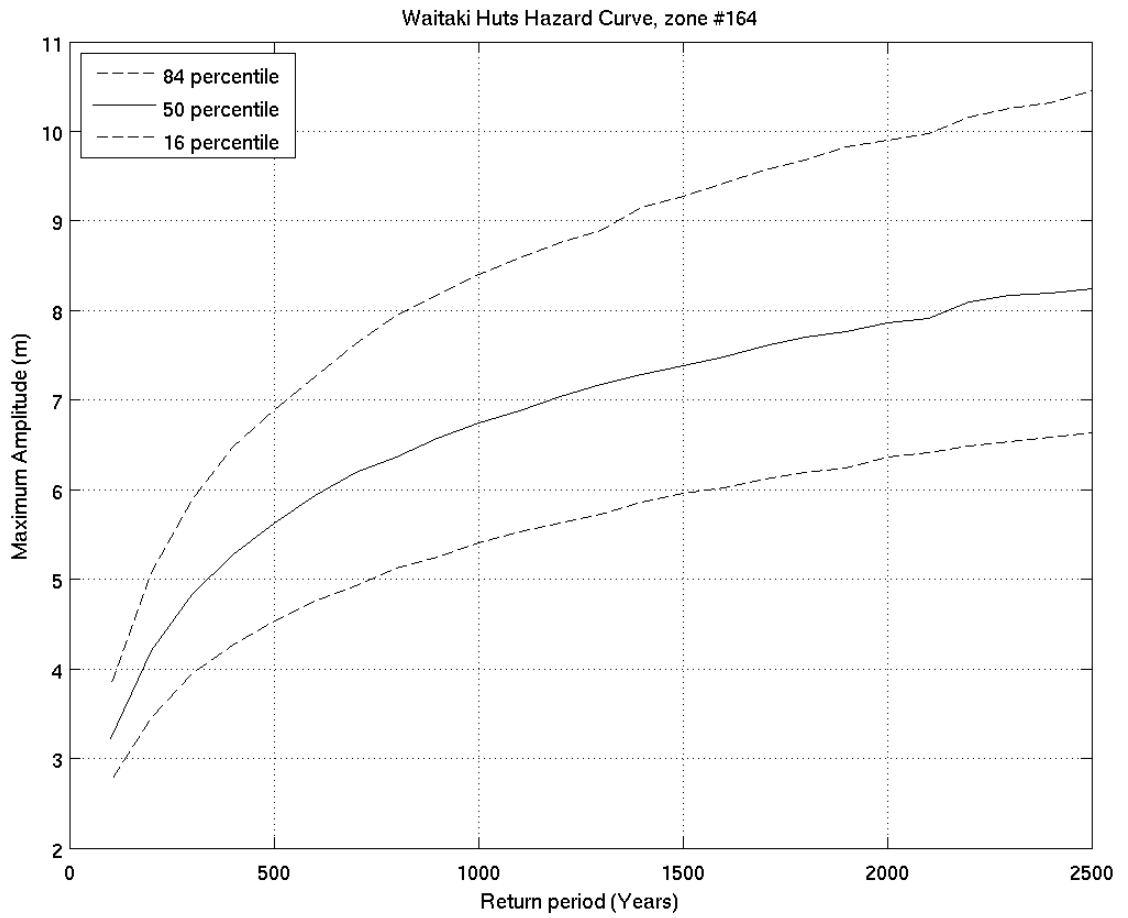
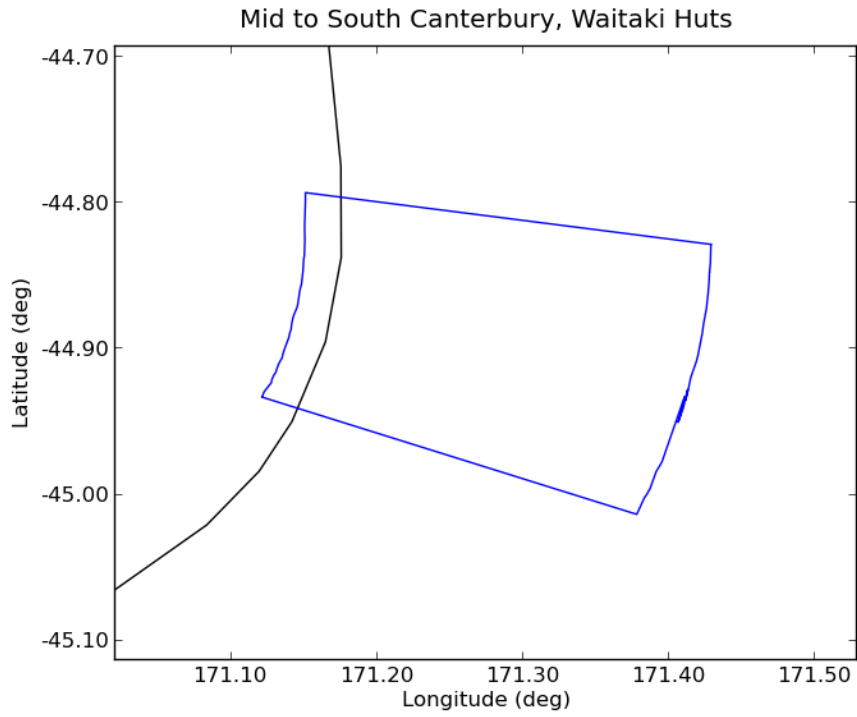
Deaggregation of Zone:163, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4993 m



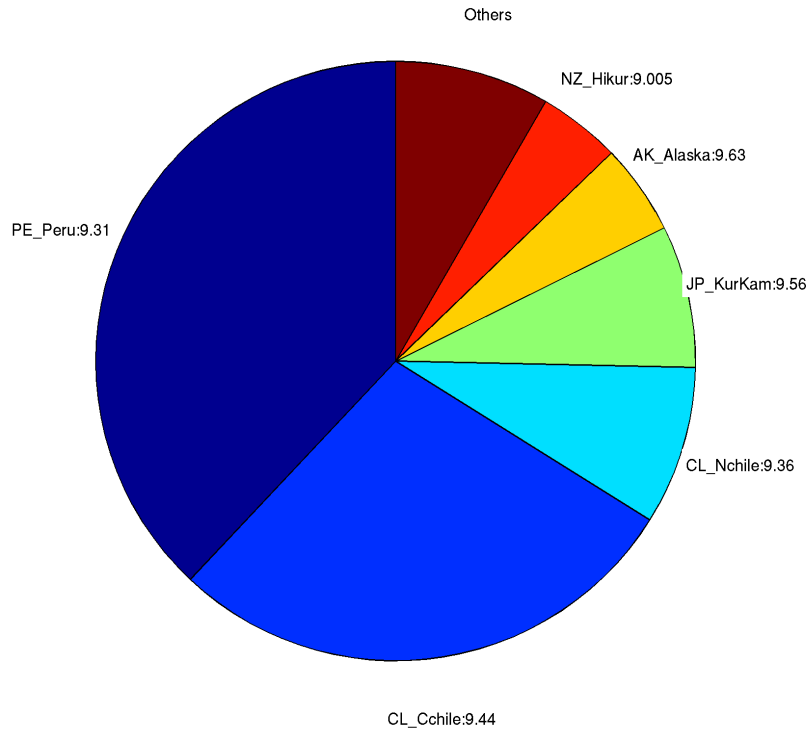
Deaggregation of Zone:163, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.1006 m



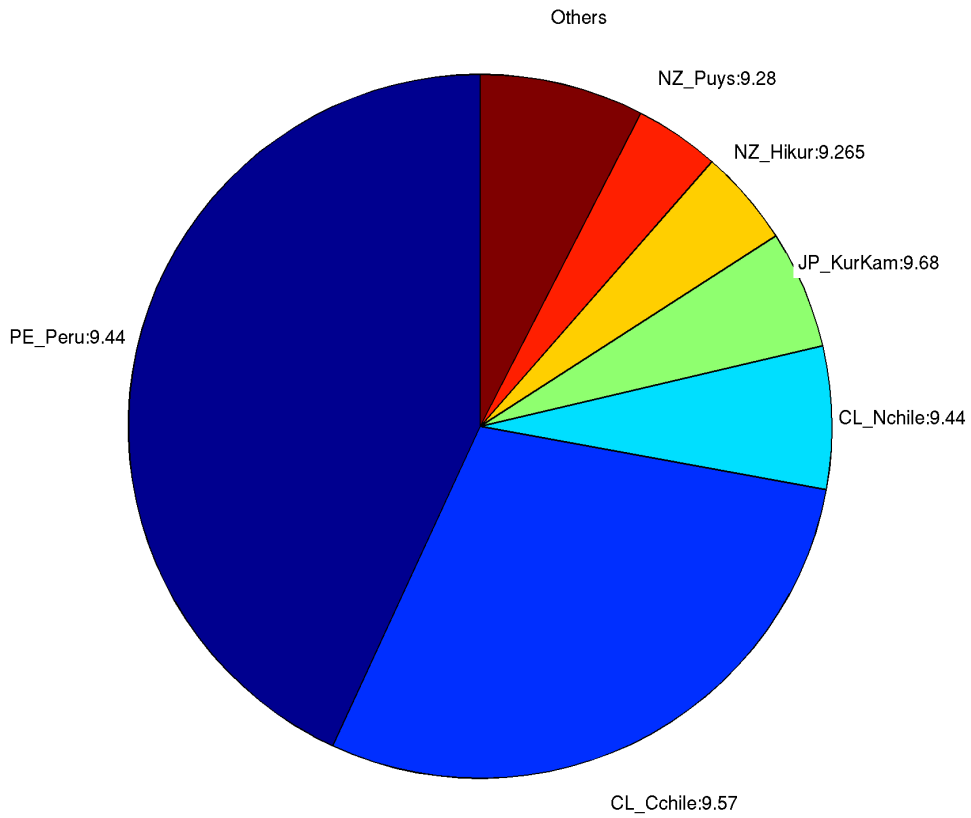
164. *Waitaki Huts*



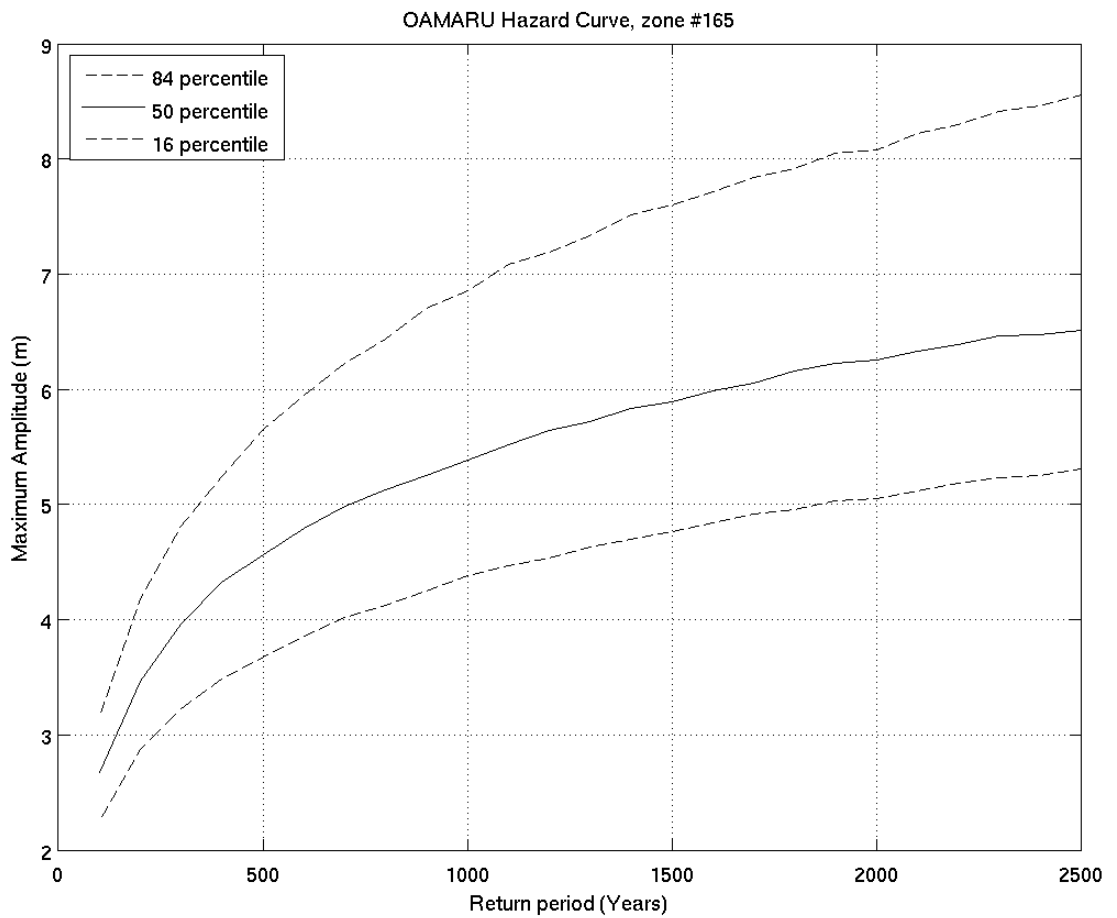
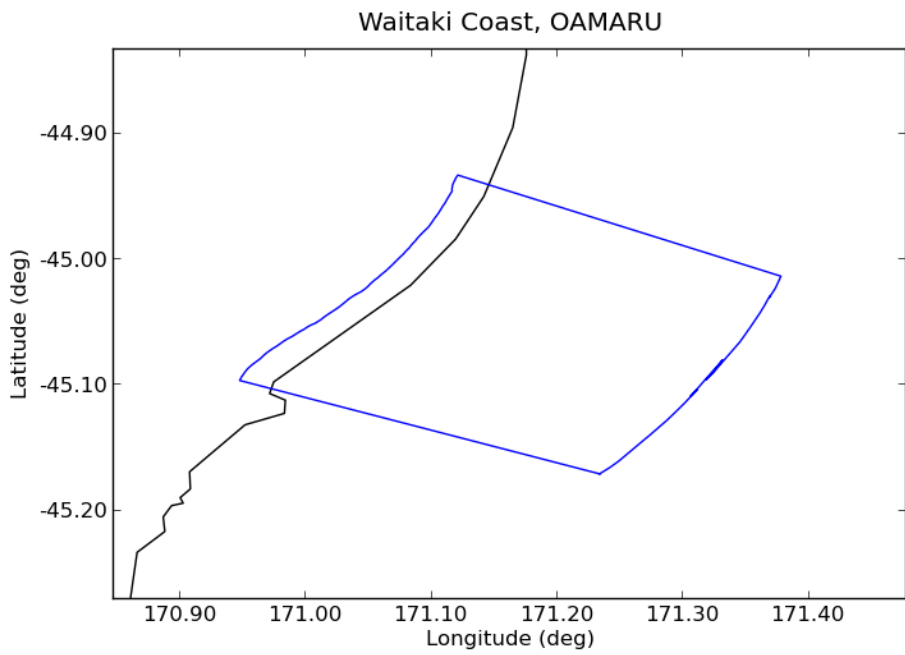
Deaggregation of Zone:164, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.6267 m



Deaggregation of Zone:164, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.239 m

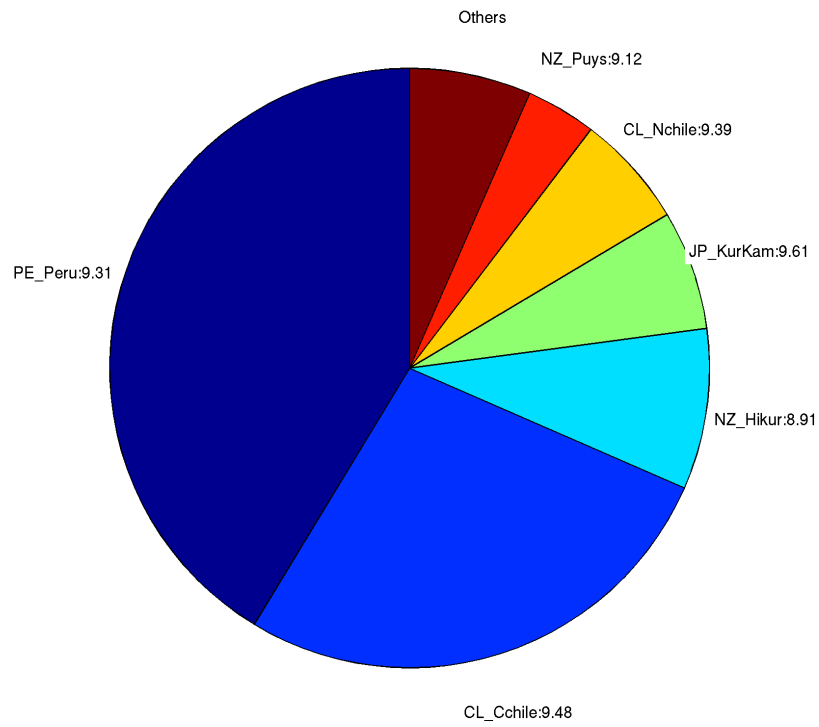


165. **OAMARU**

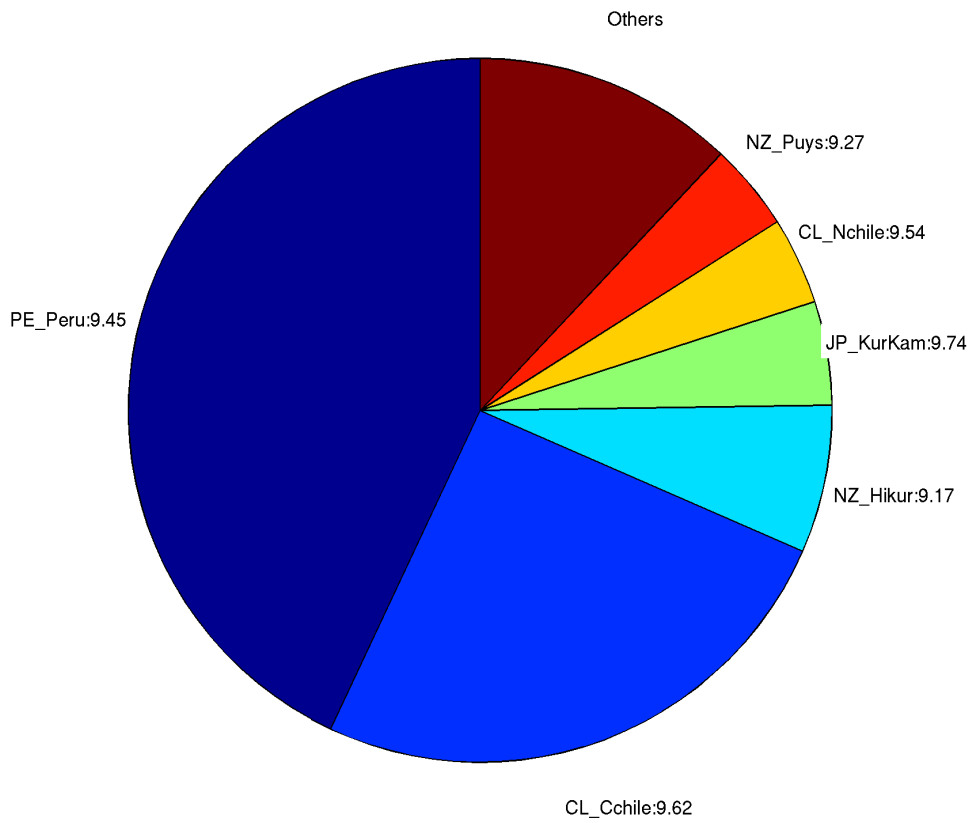




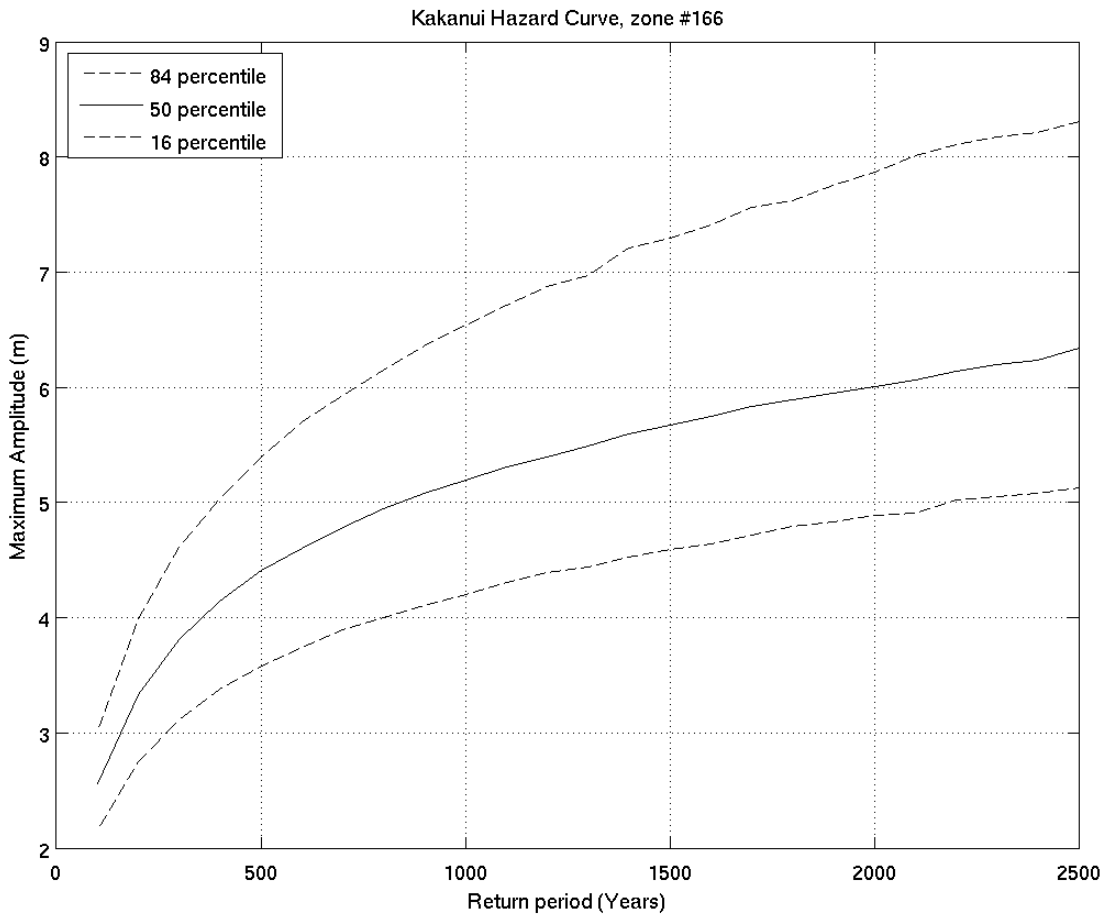
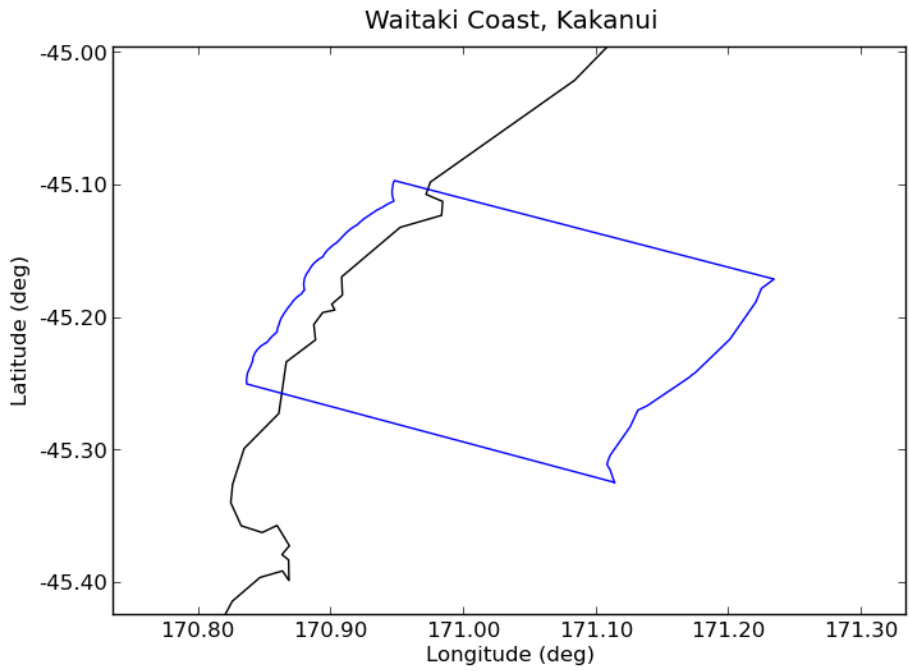
Deaggregation of Zone:165, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5645 m



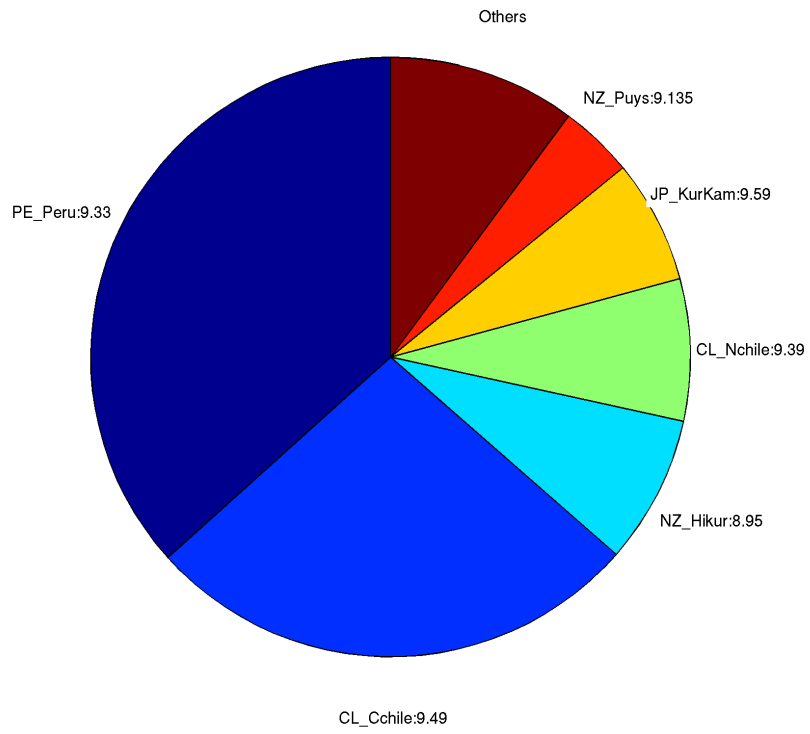
Deaggregation of Zone:165, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.5118 m



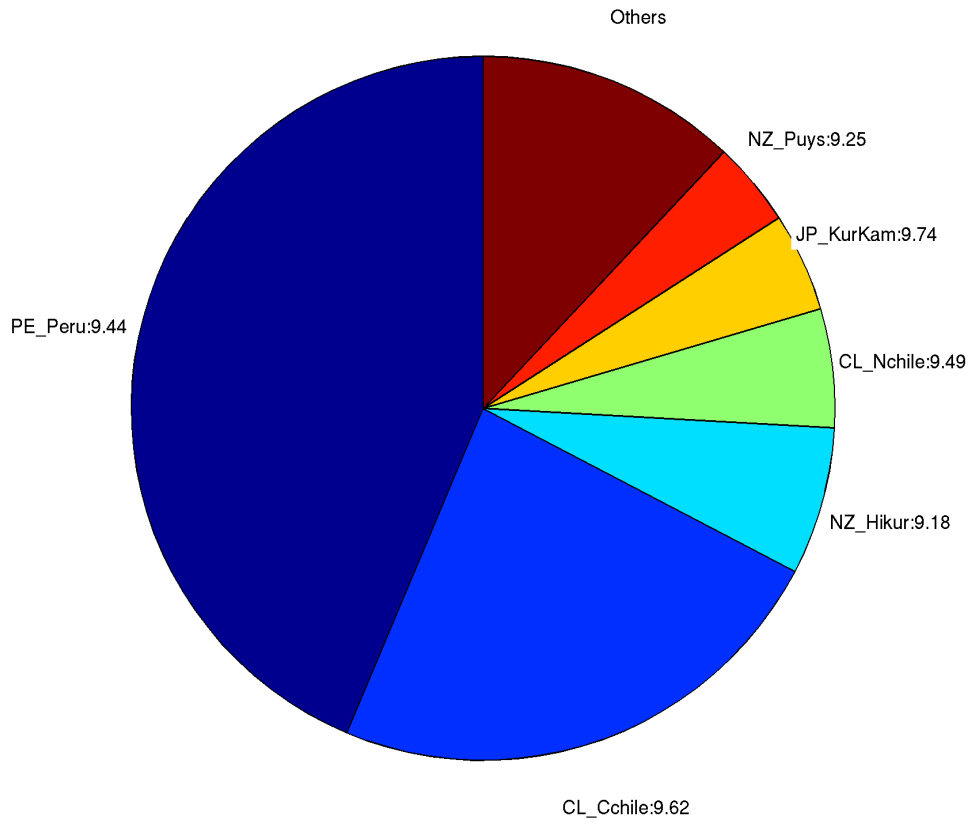
166. *Kakanui*



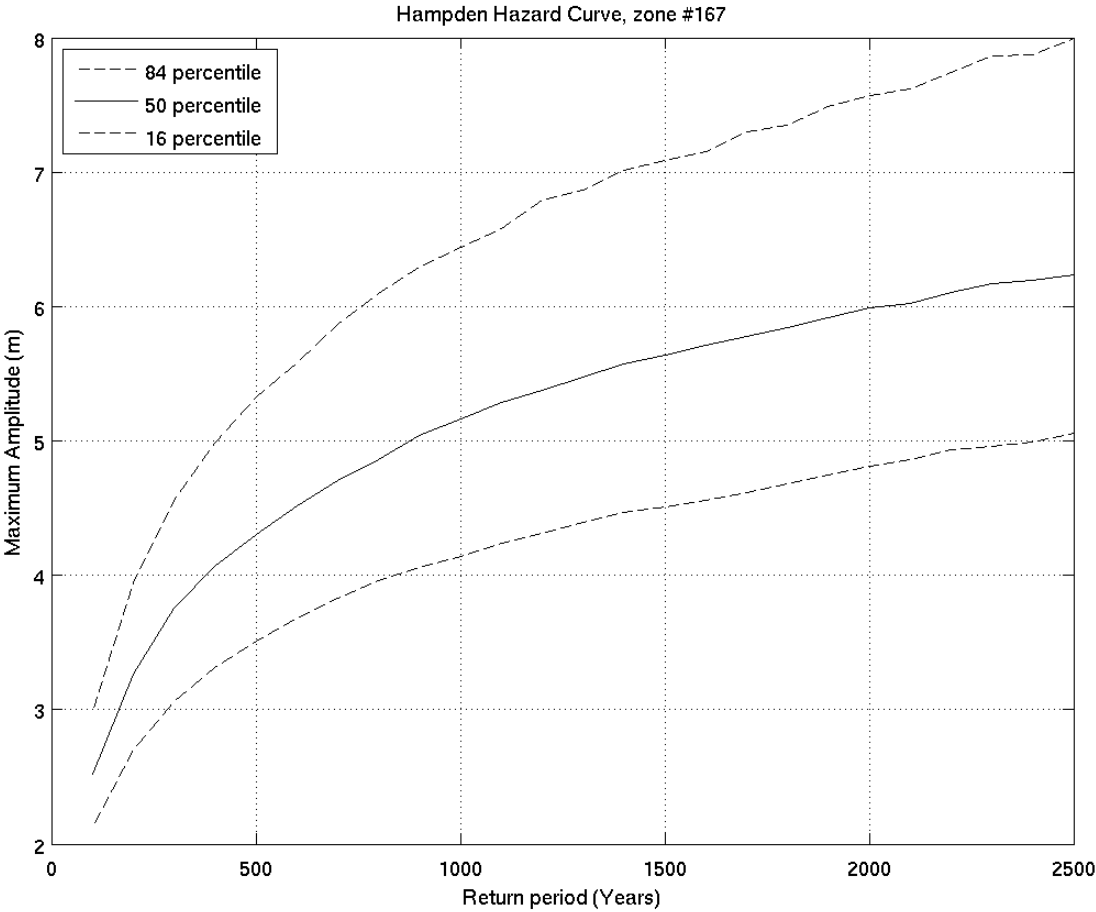
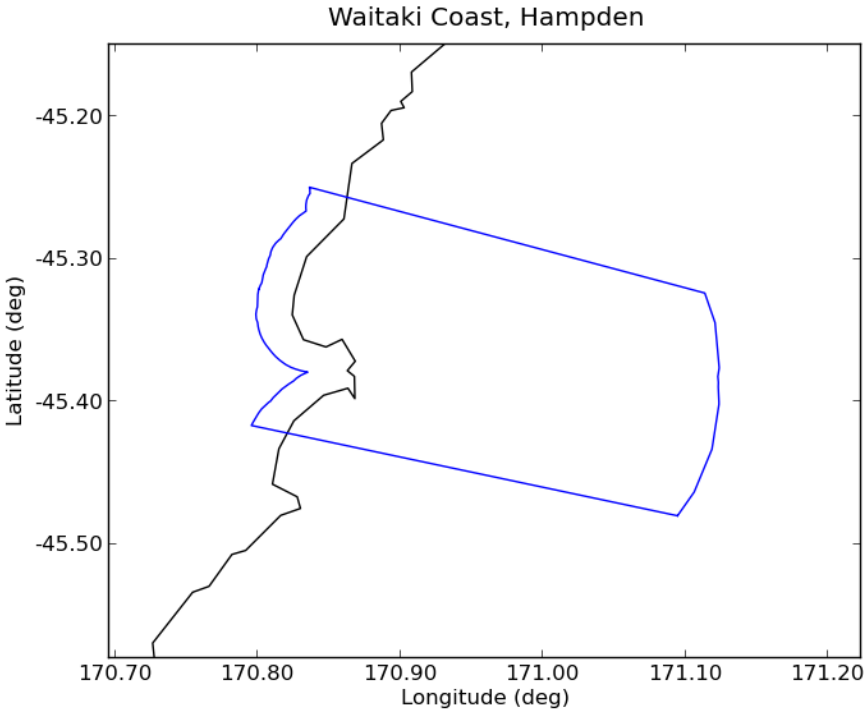
Deaggregation of Zone:166, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4082 m



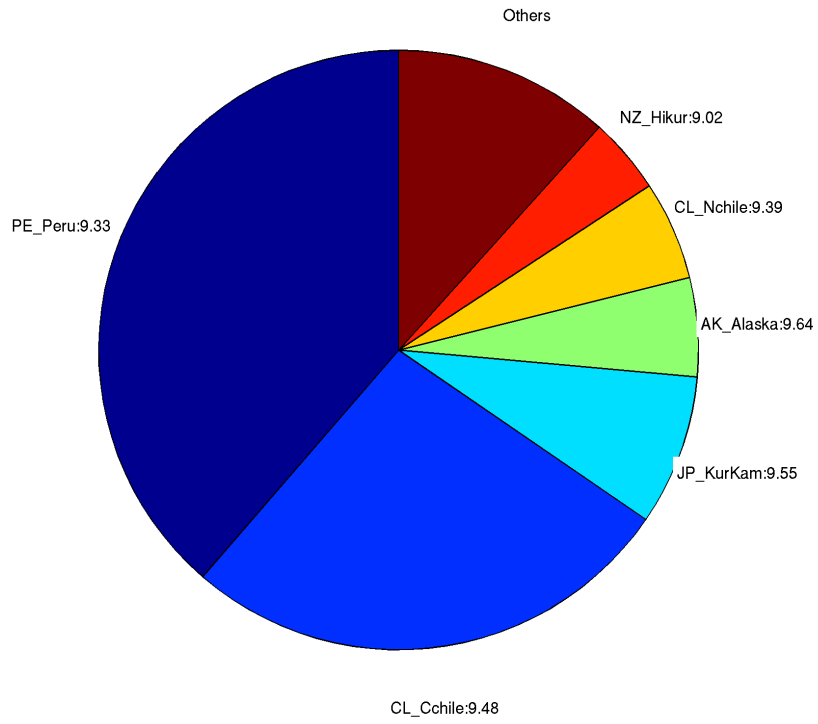
Deaggregation of Zone:166, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.3393 m



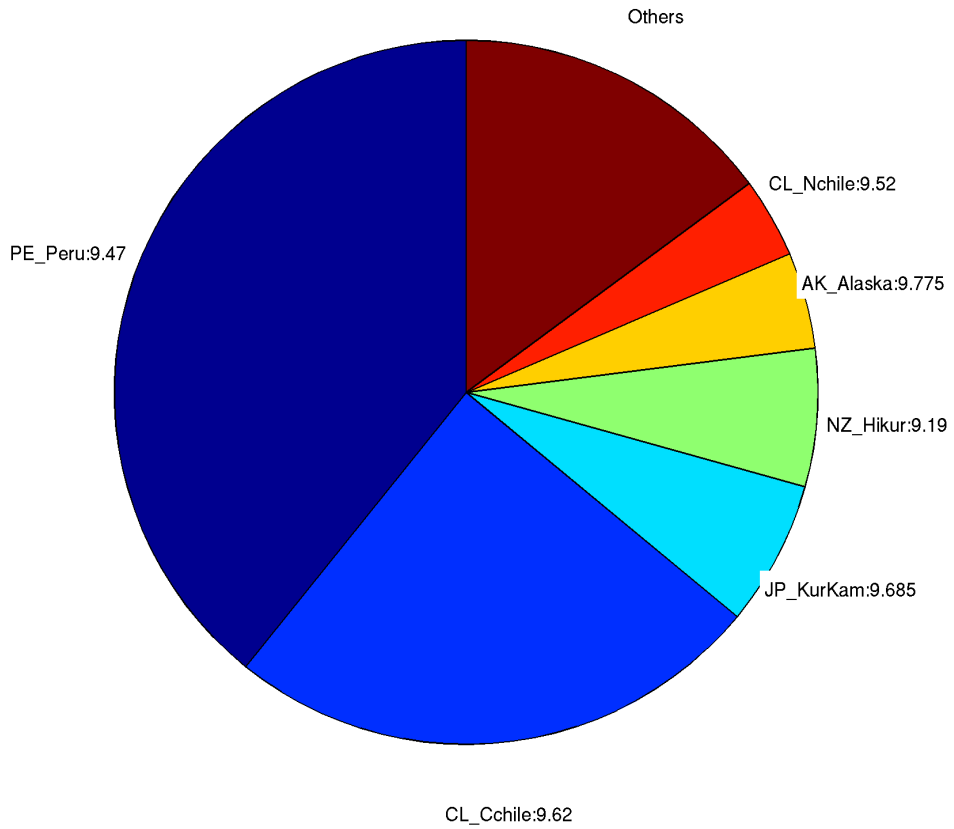
167. *Hampden*



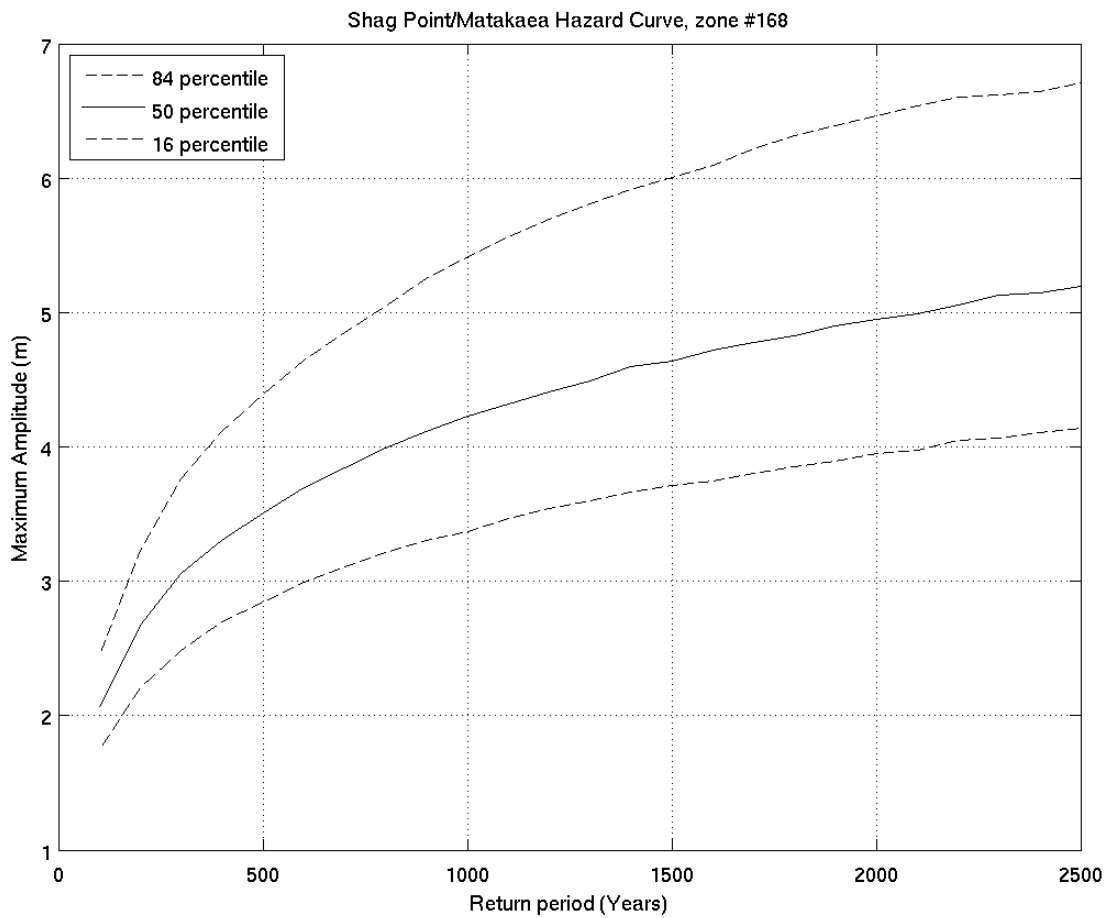
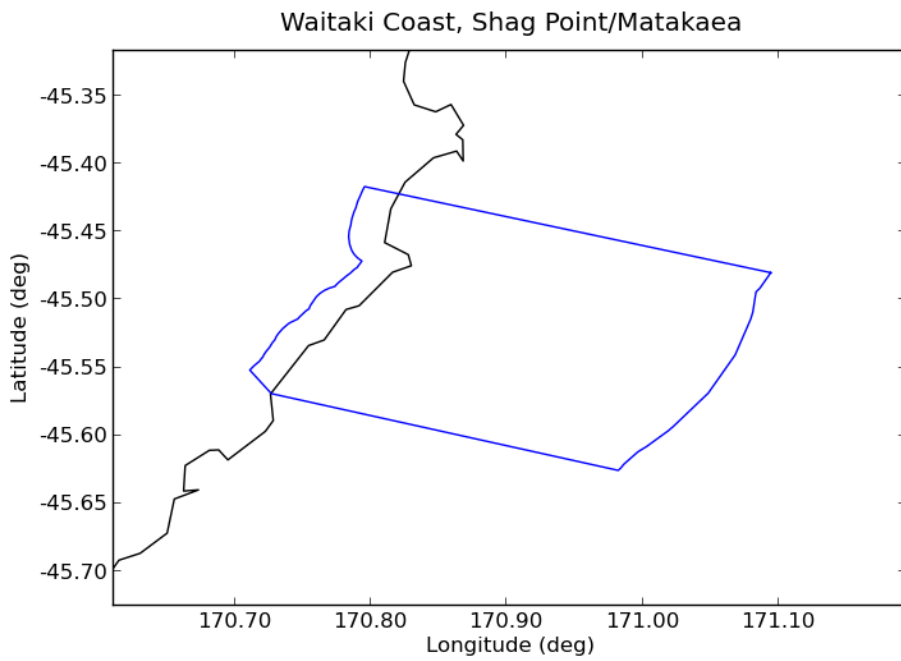
Deaggregation of Zone:167, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.3013 m



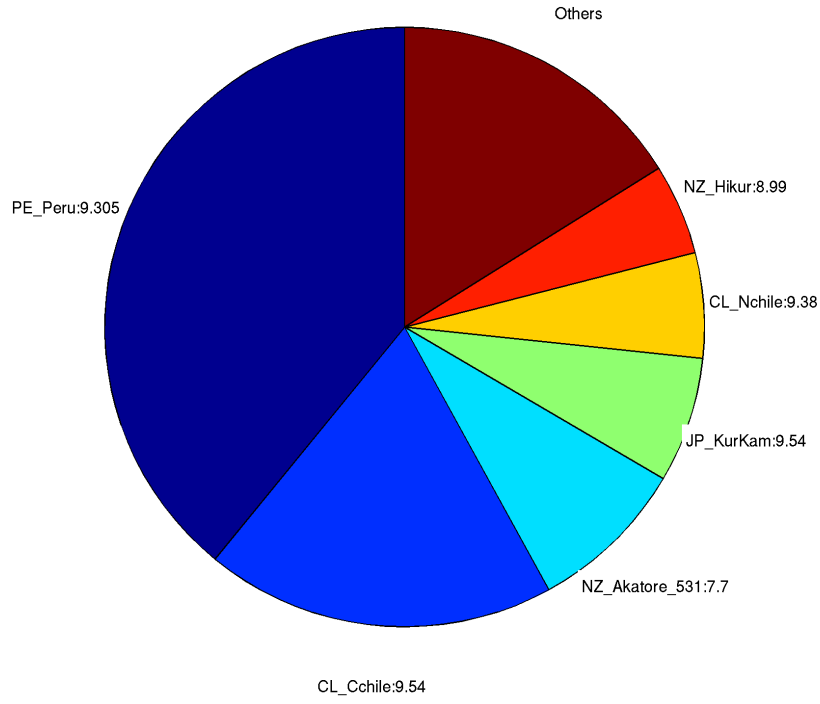
Deaggregation of Zone:167, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2286 m



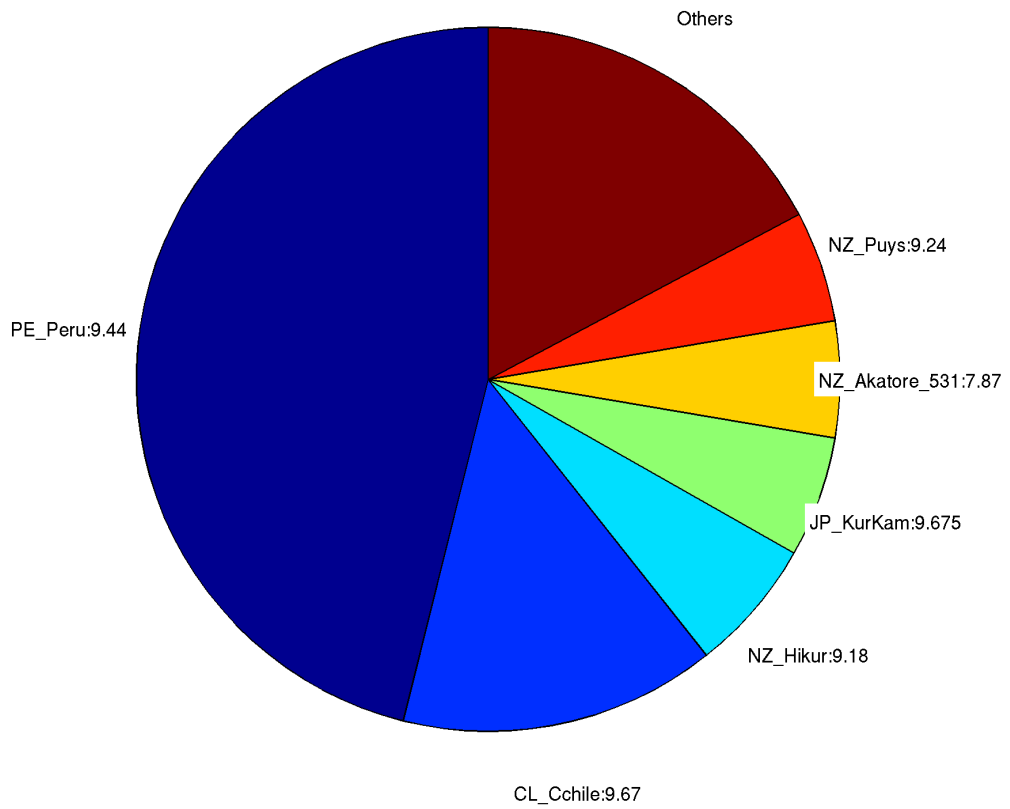
168. *Shag Point/Matakaea*



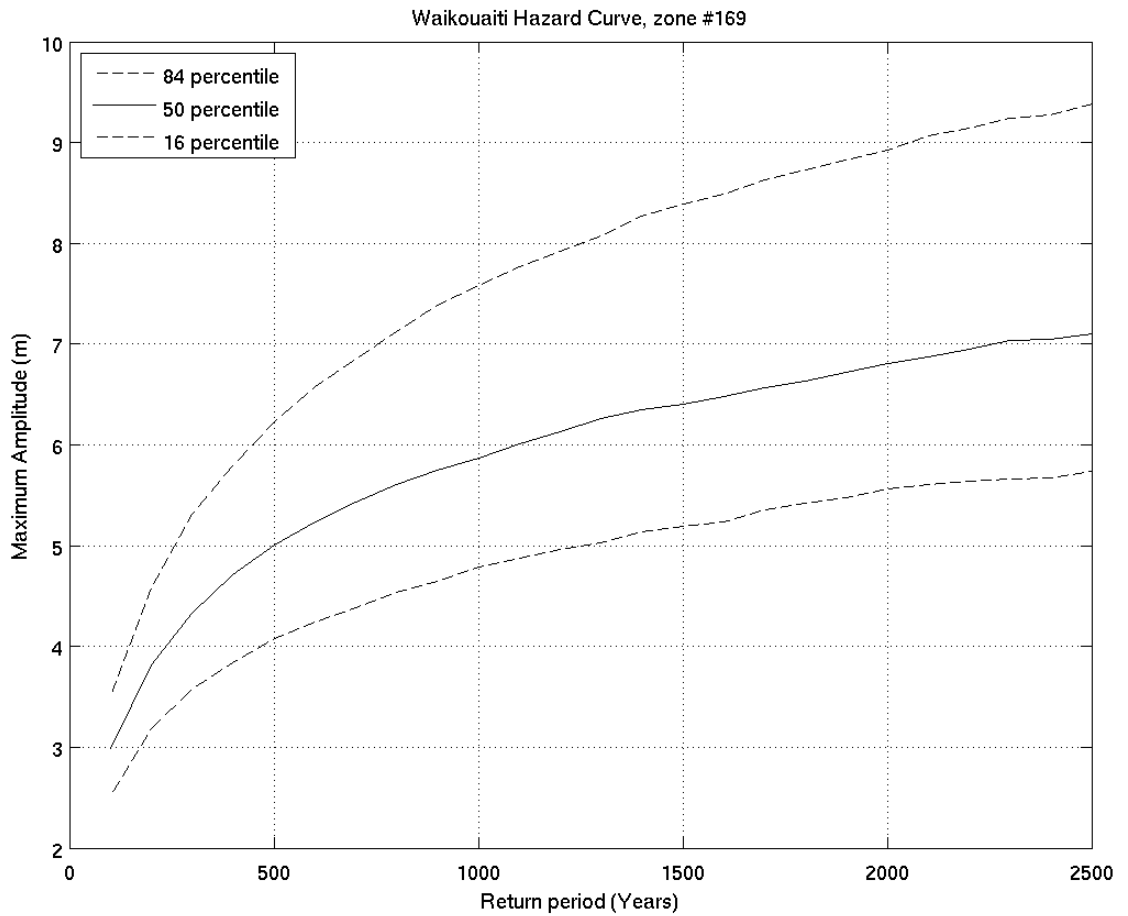
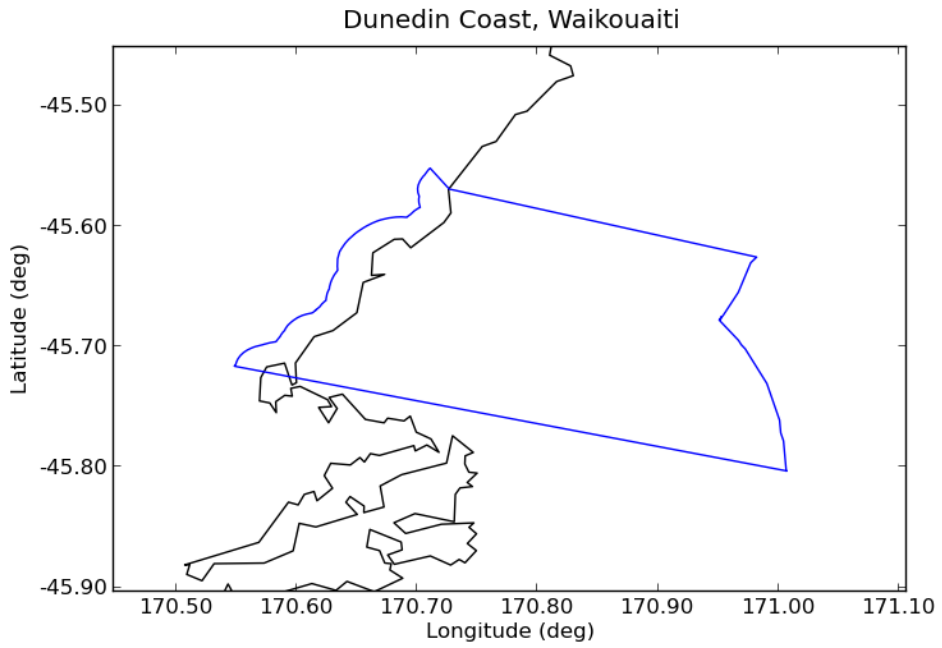
Deaggregation of Zone:168, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5078 m



Deaggregation of Zone:168, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1889 m

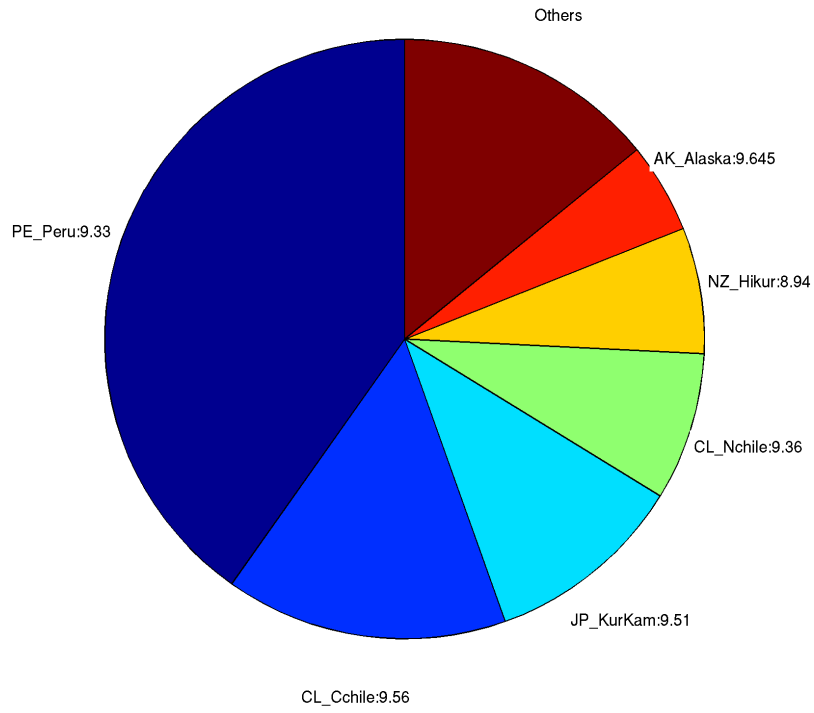


169. *Waikouaiti*

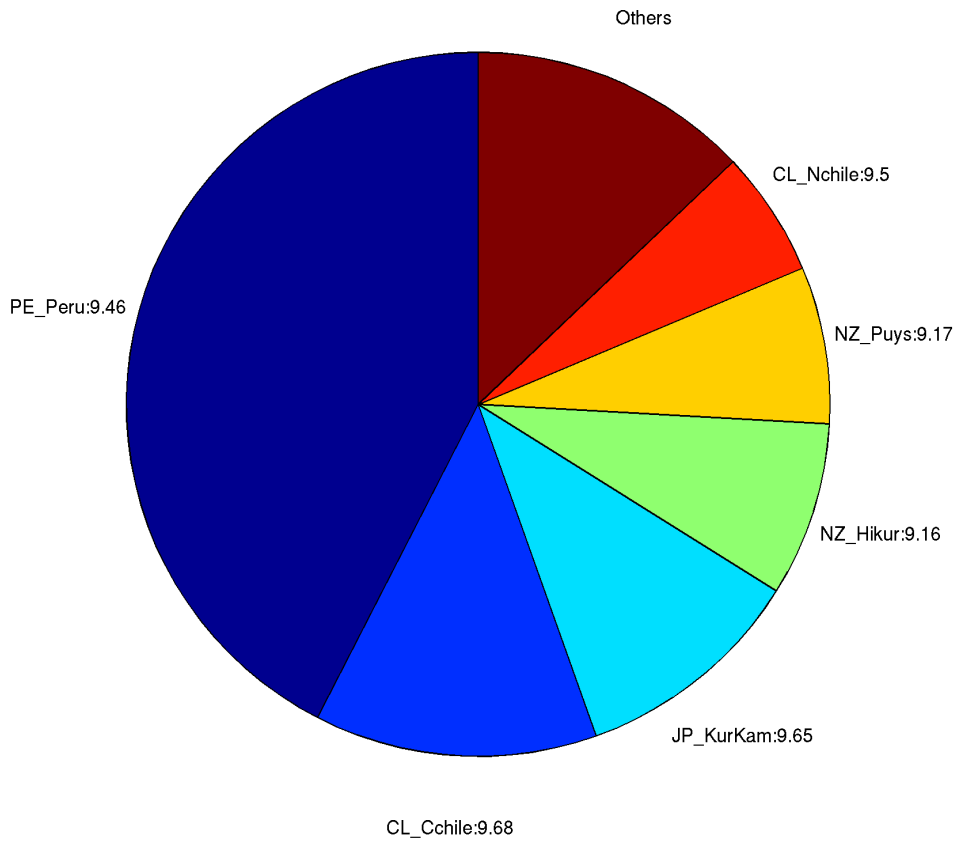




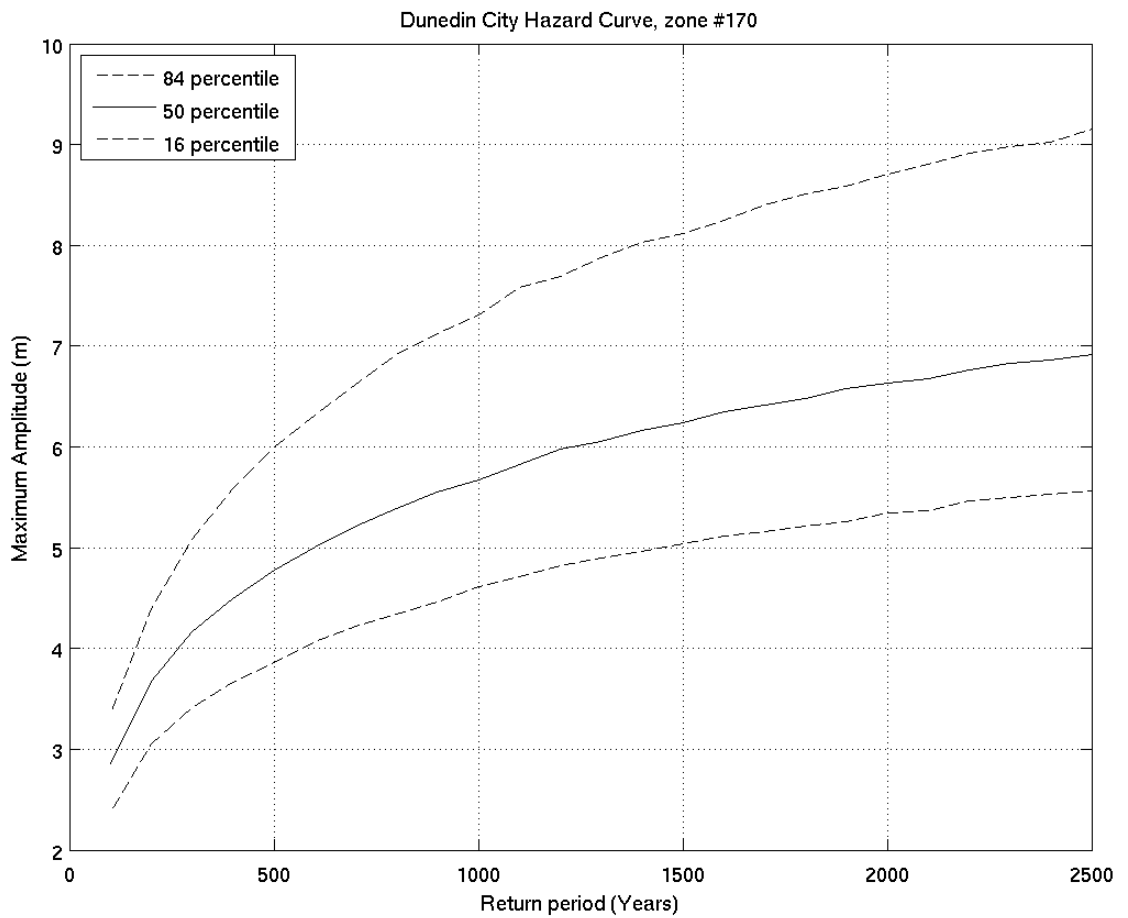
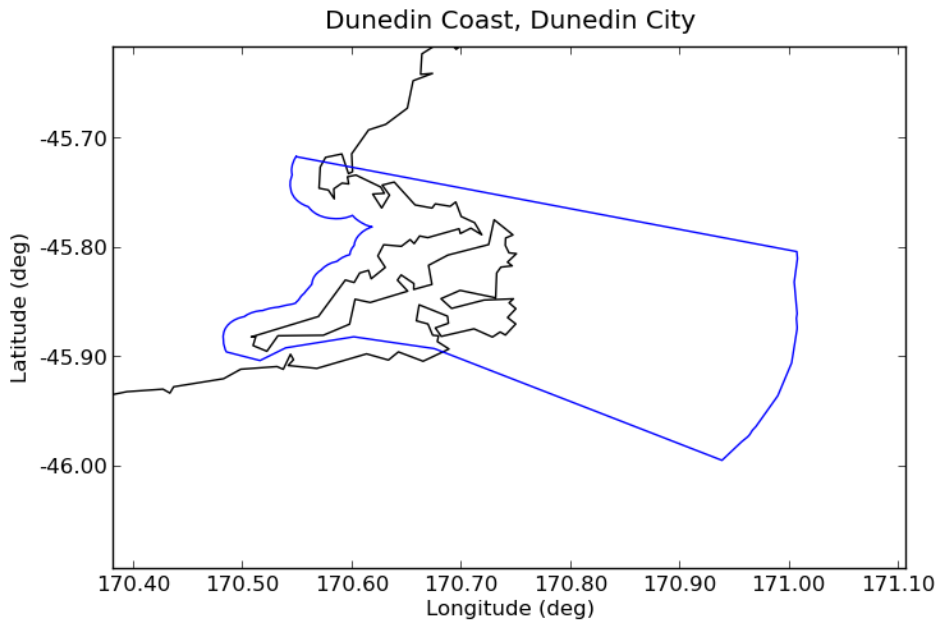
Deaggregation of Zone:169, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.0025 m



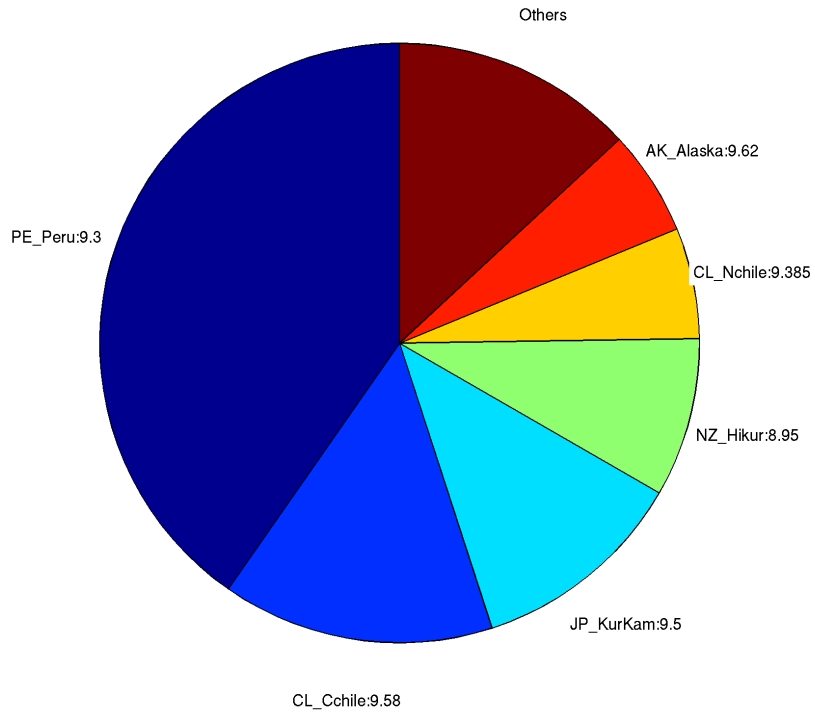
Deaggregation of Zone:169, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0983 m



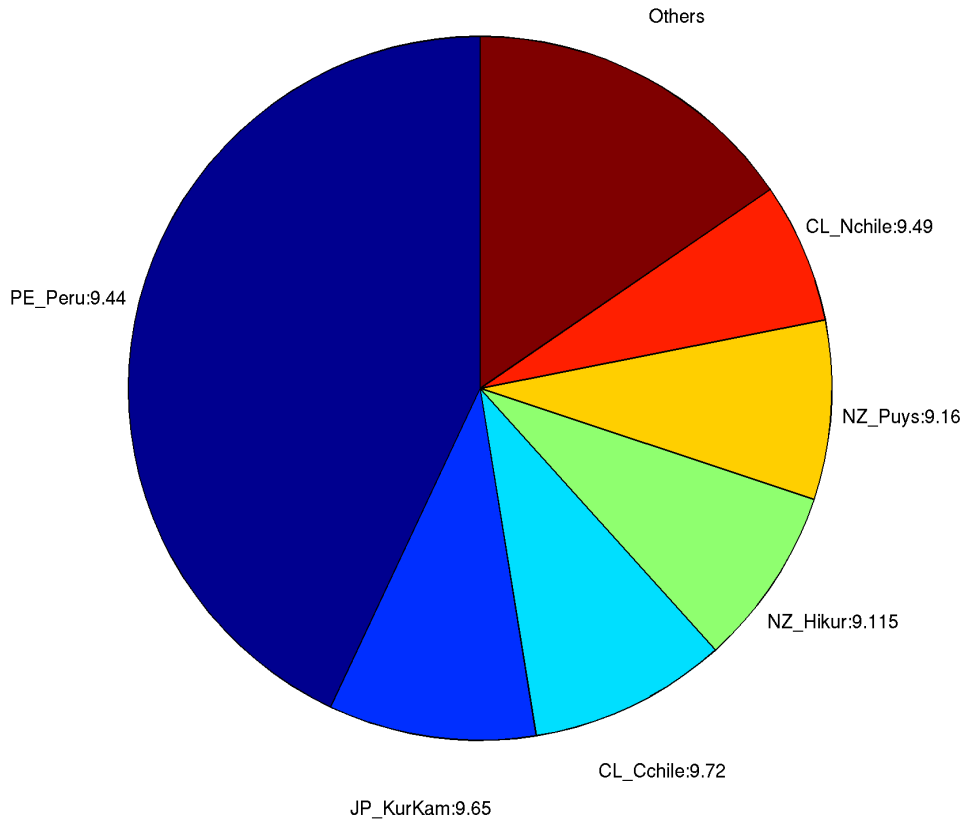
# 170. Dunedin City



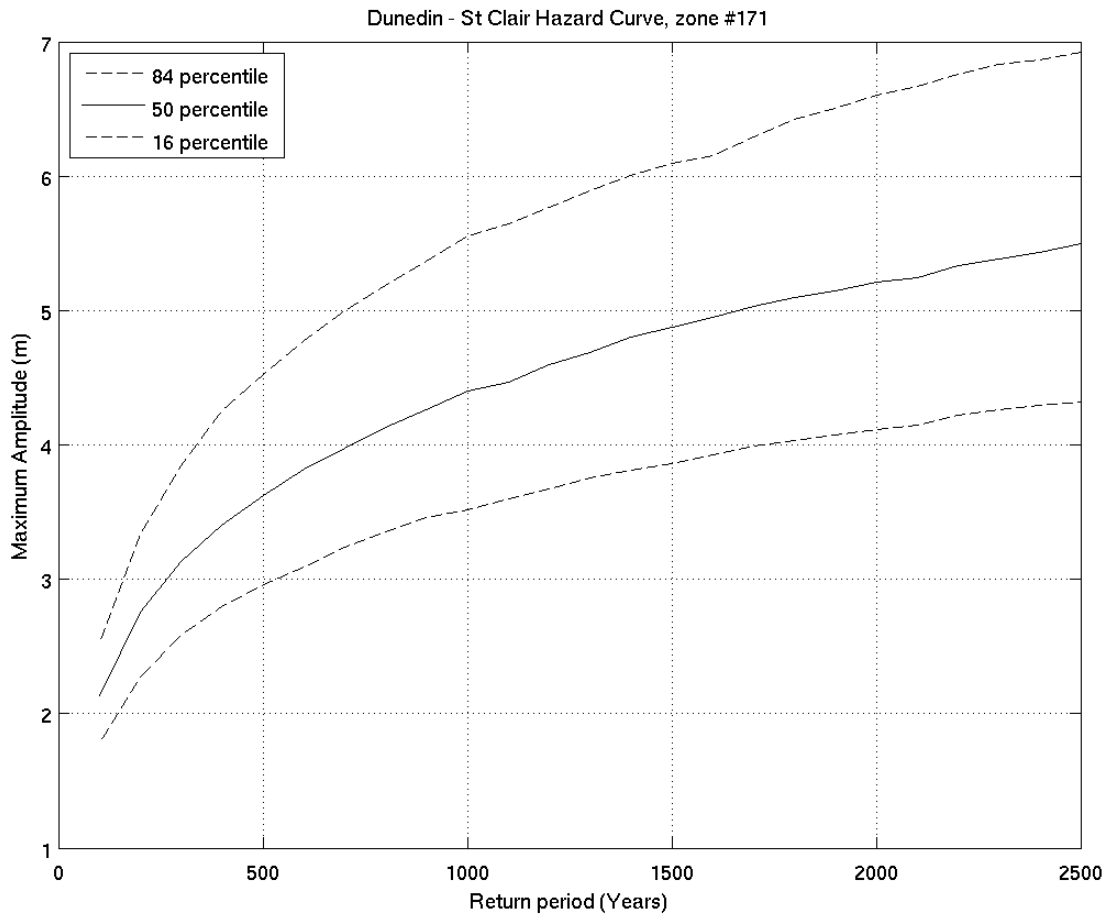
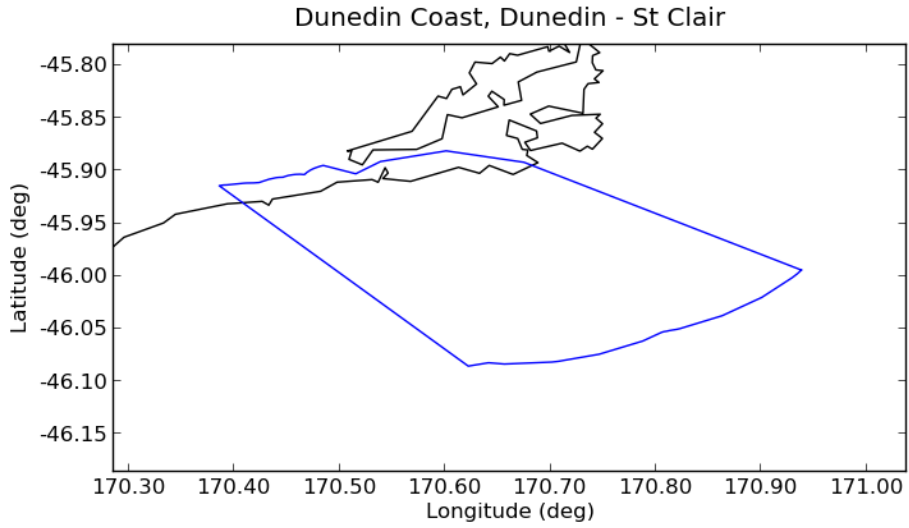
Deaggregation of Zone:170, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7743 m



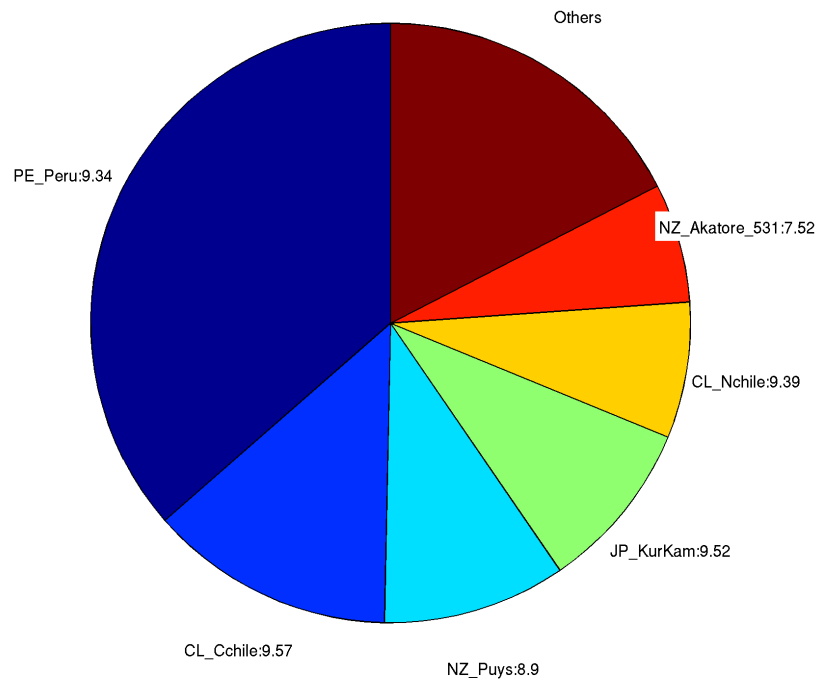
Deaggregation of Zone:170, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9107 m



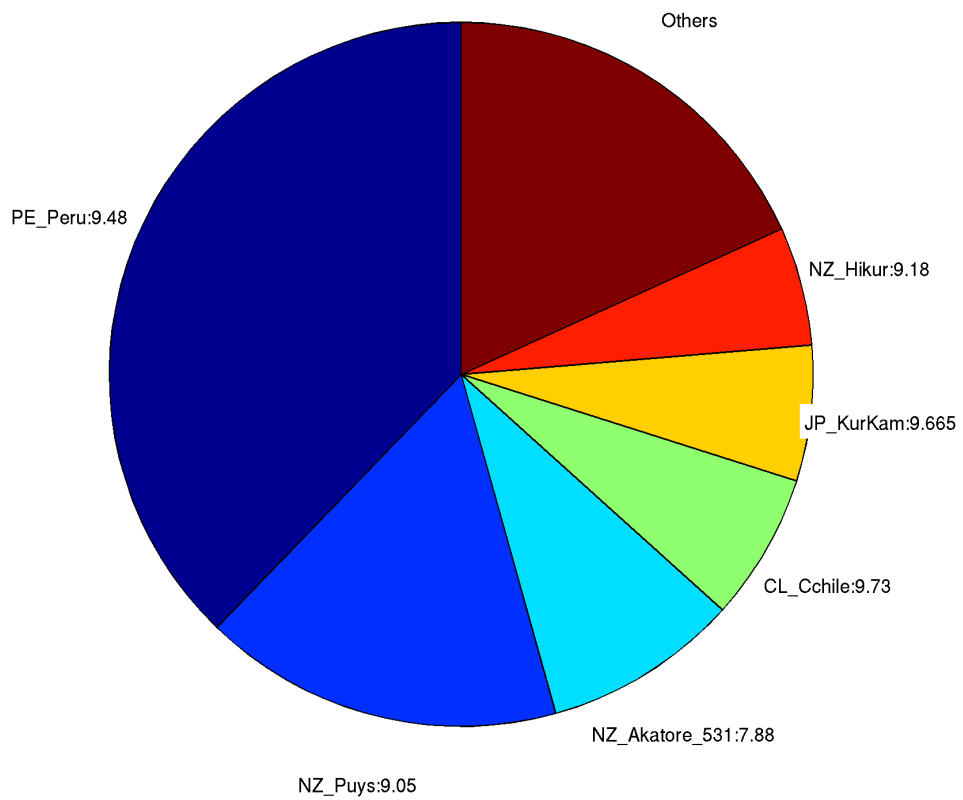
171. *Dunedin - St Clair*



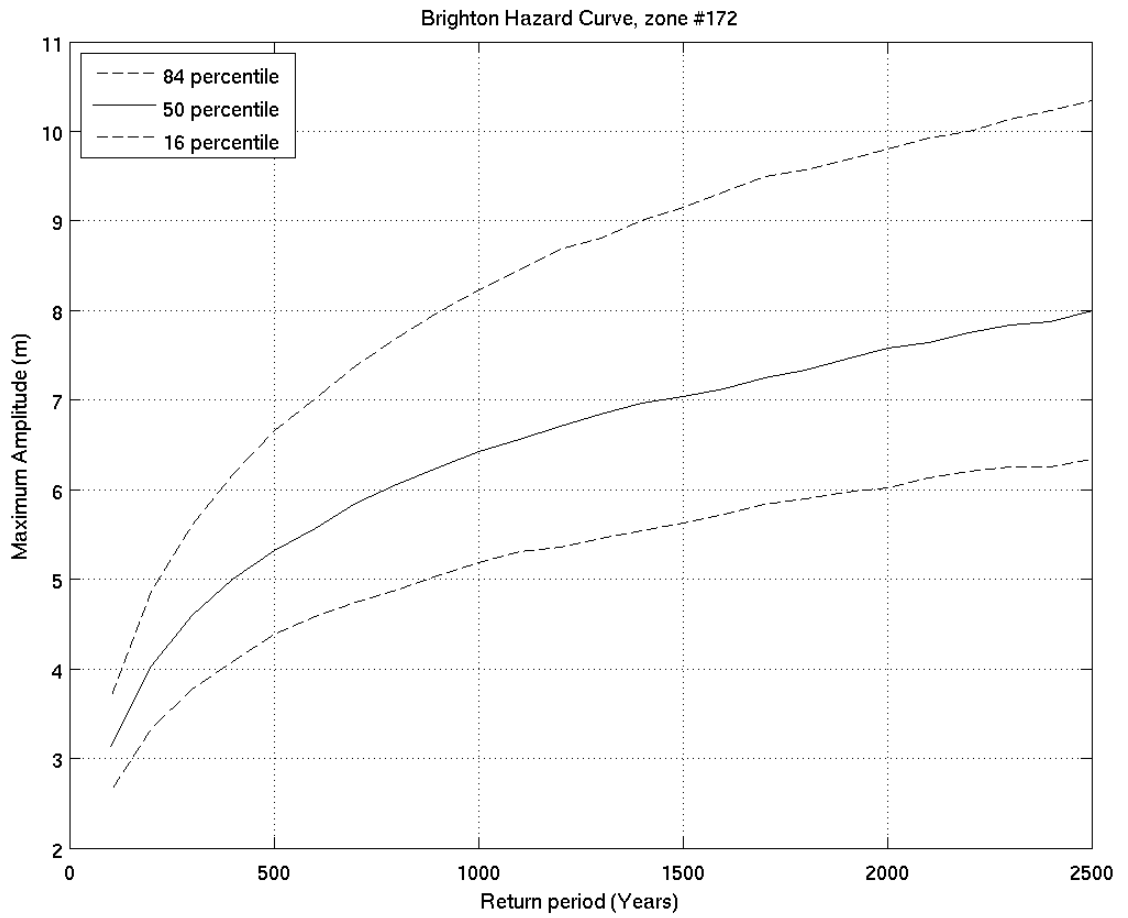
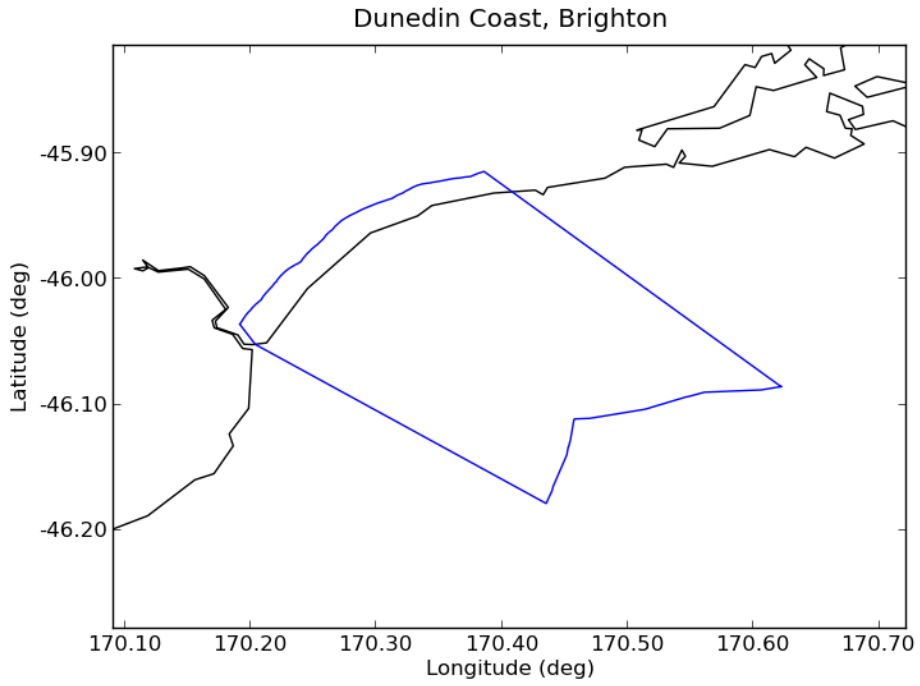
Deaggregation of Zone:171, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6262 m



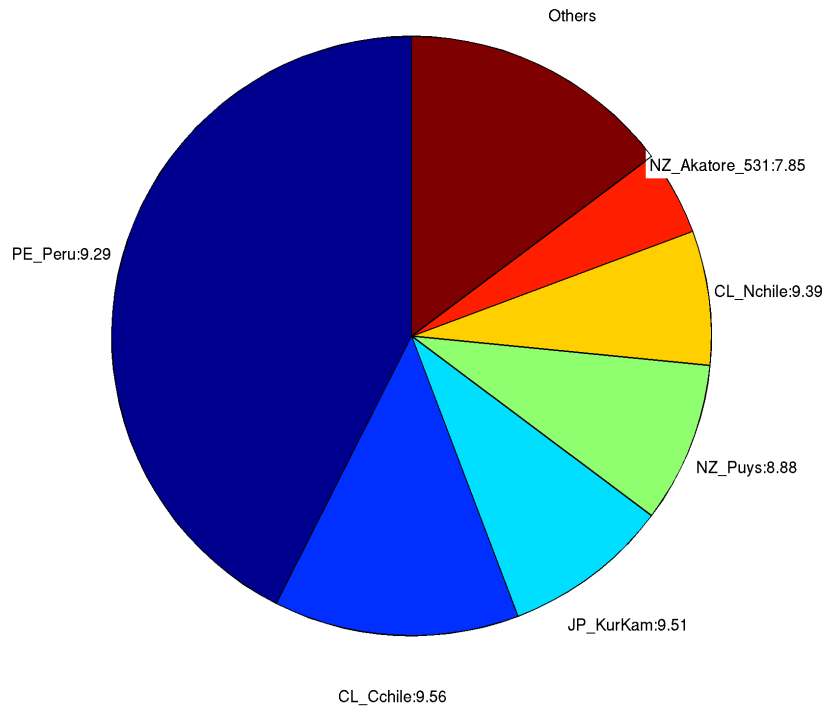
Deaggregation of Zone:171, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4946 m



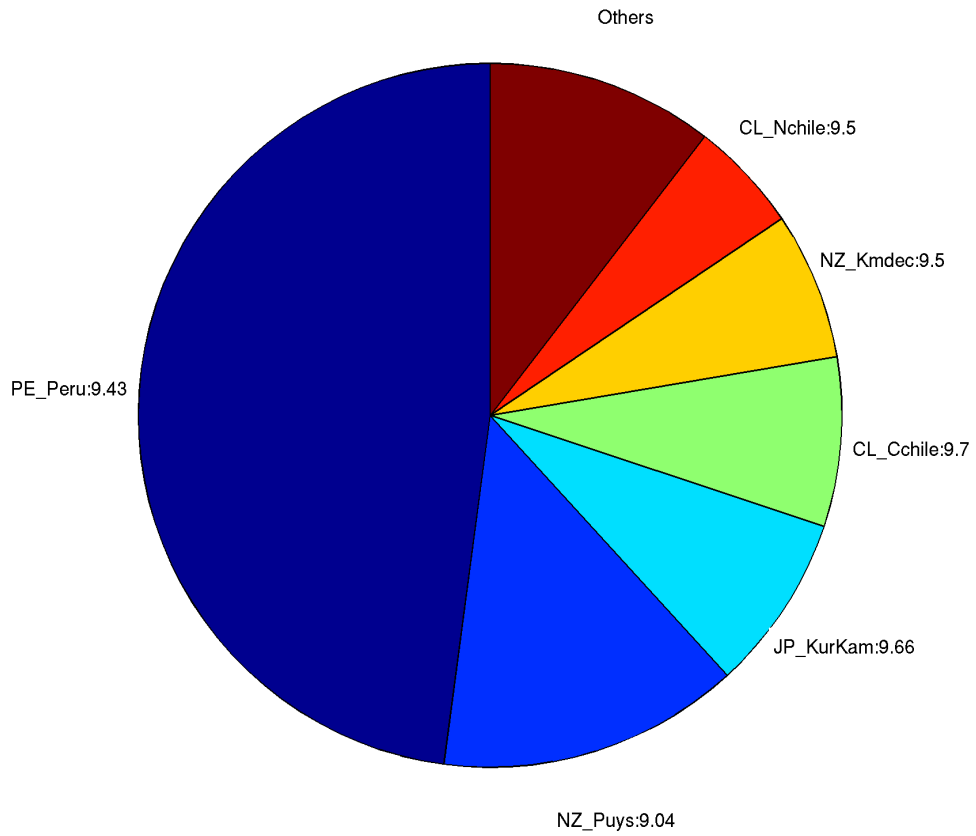
172. Brighton



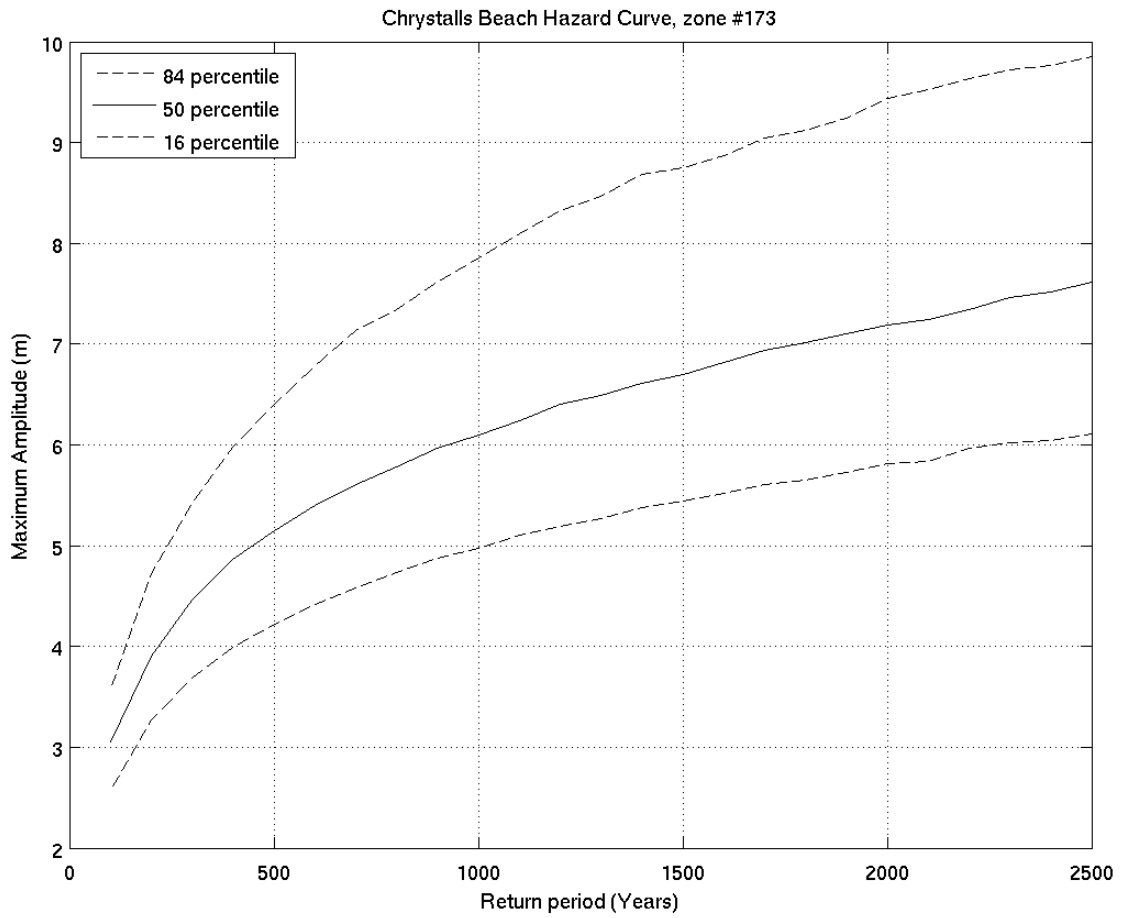
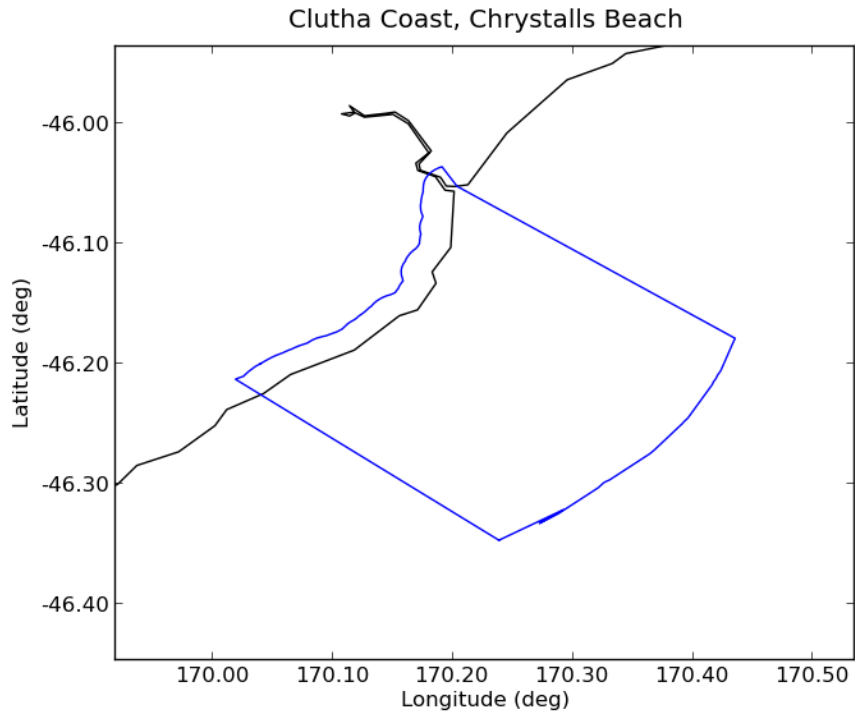
Deaggregation of Zone:172, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3114 m



Deaggregation of Zone:172, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9765 m

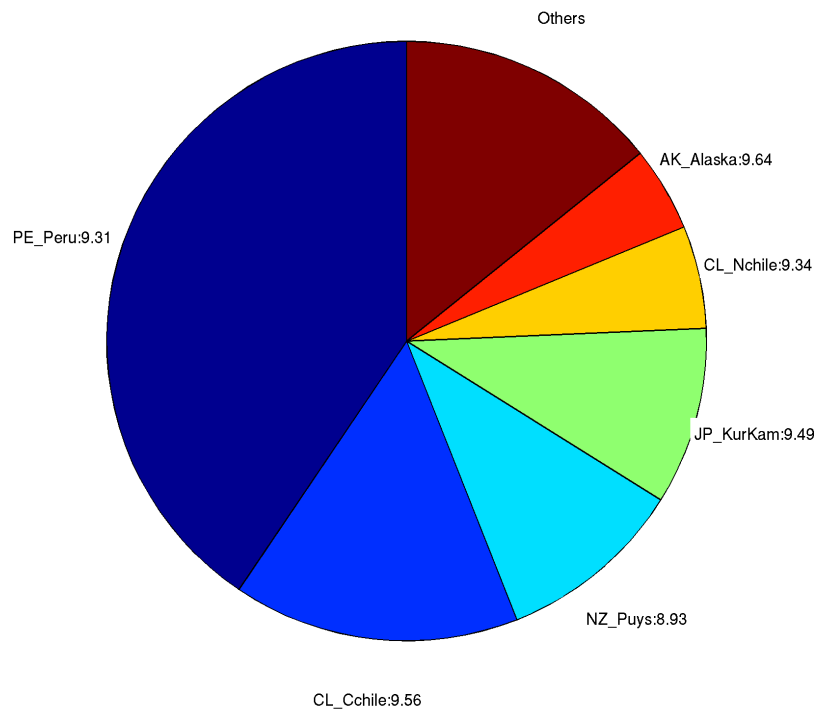


### 173. *Chrystalls Beach*

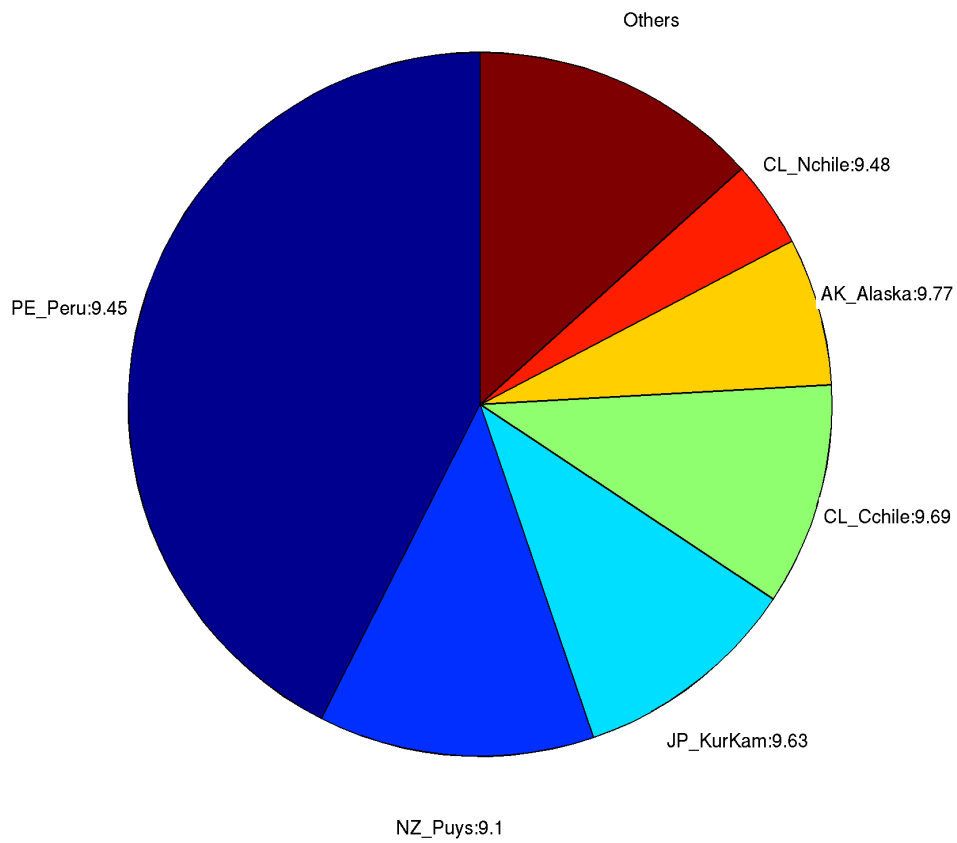




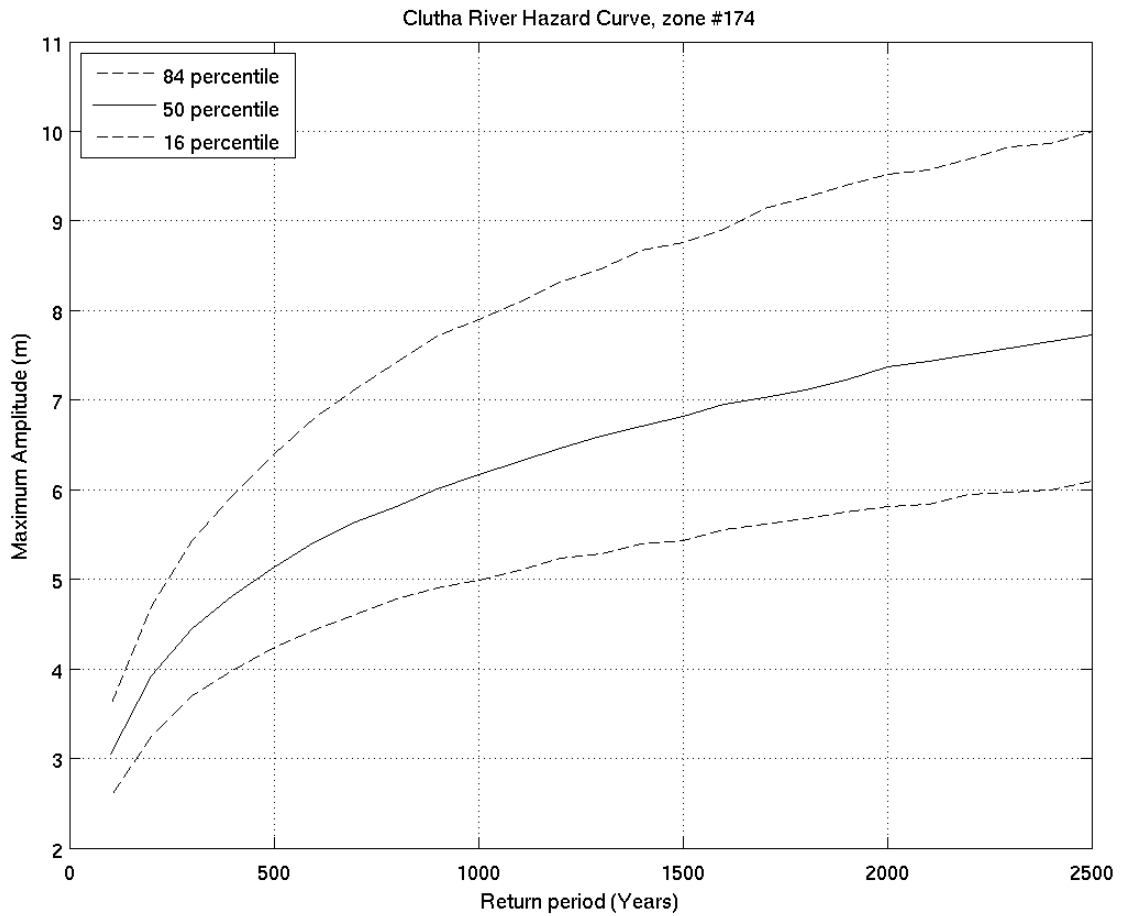
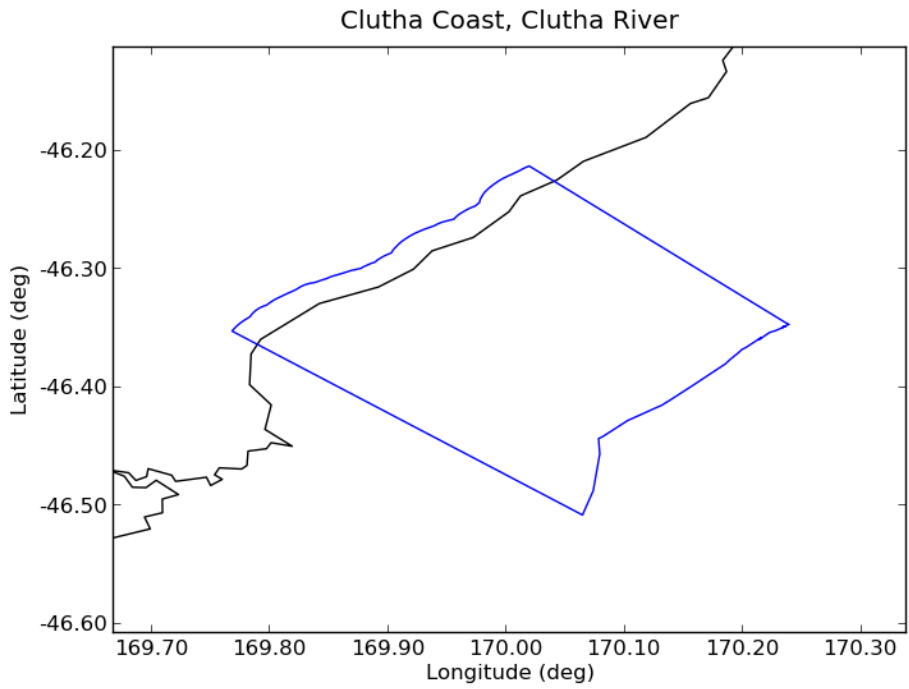
Deaggregation of Zone:173, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1466 m



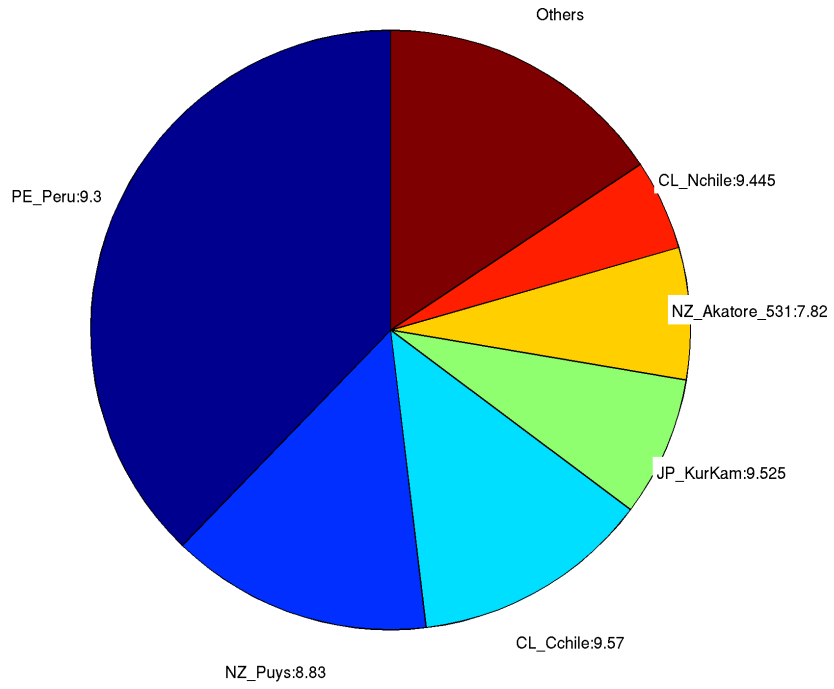
Deaggregation of Zone:173, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.6098 m



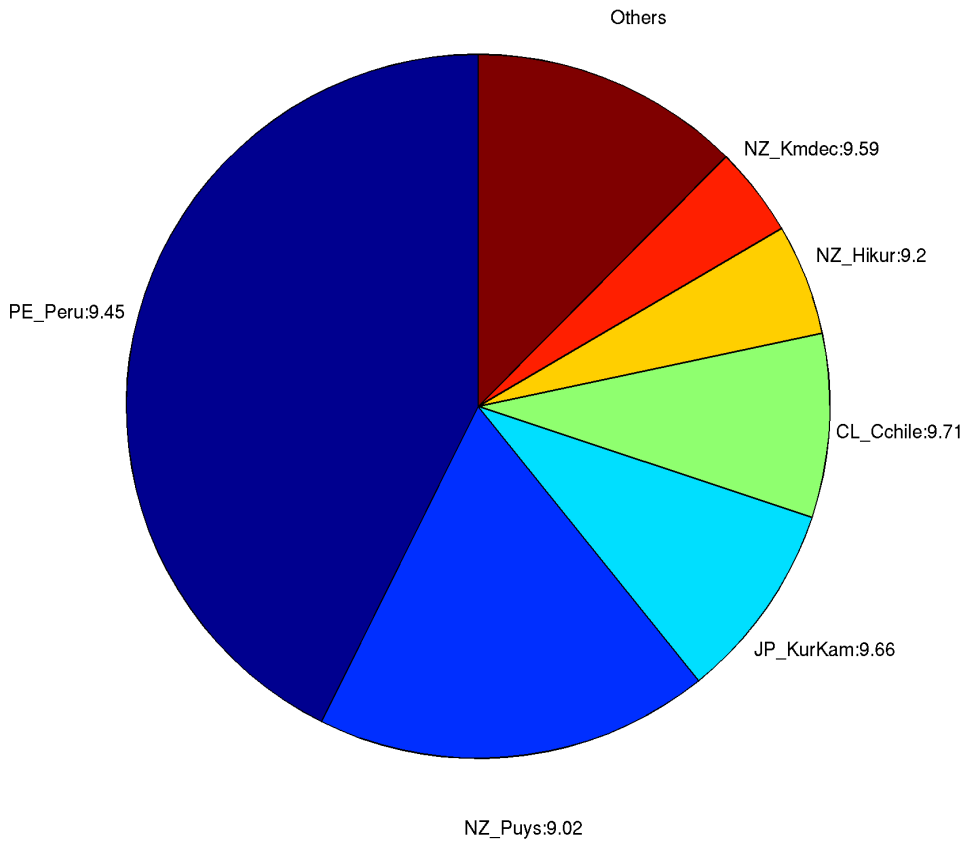
# 174. Clutha River



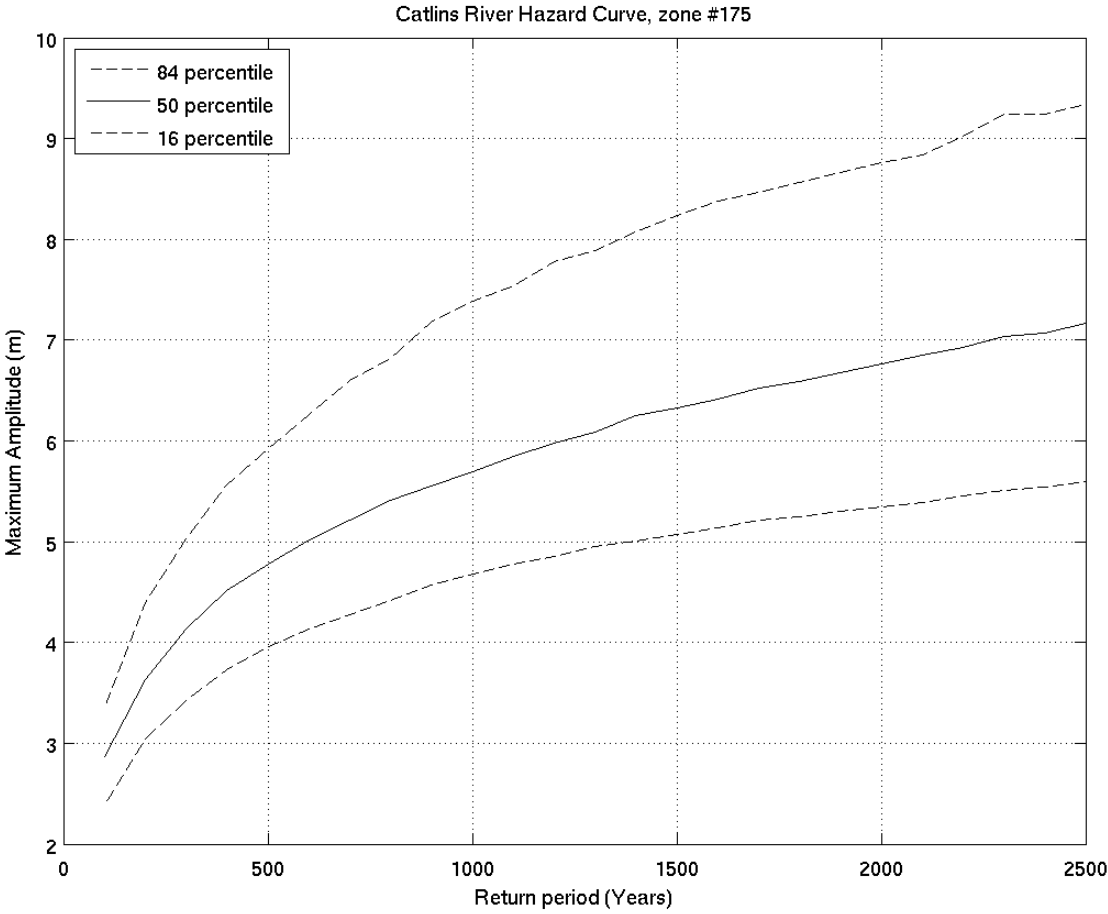
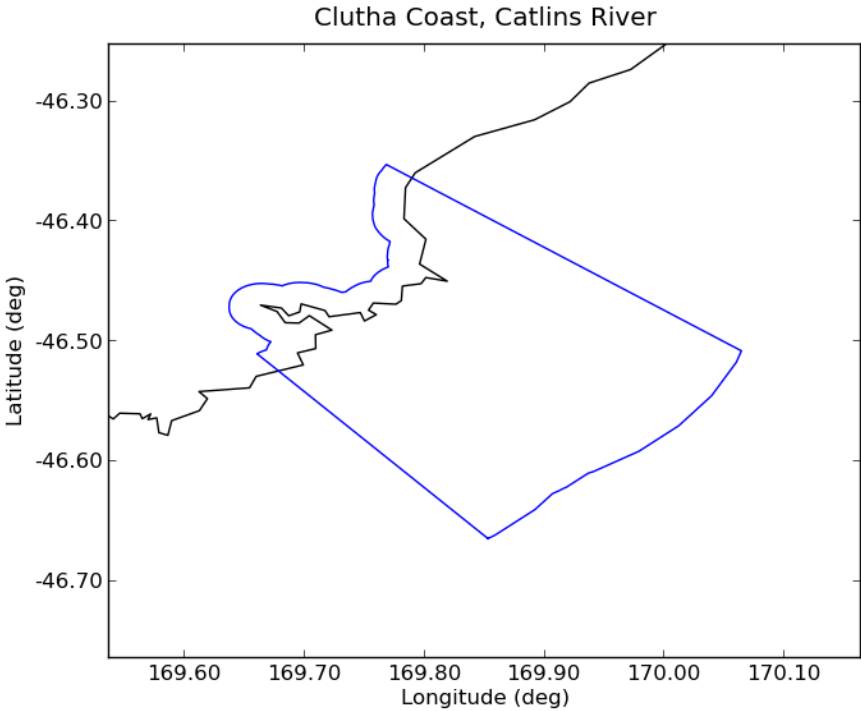
Deaggregation of Zone:174, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1307 m



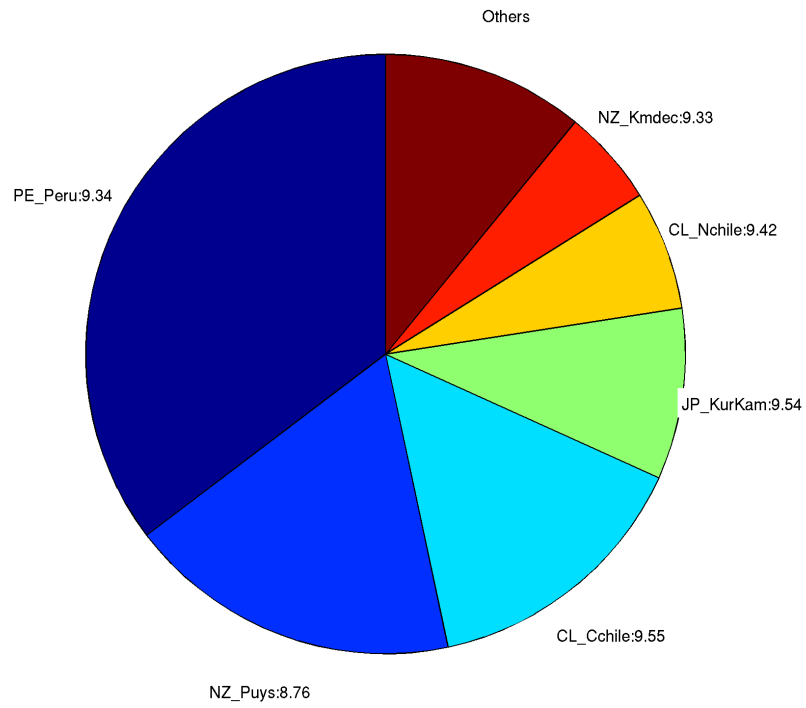
Deaggregation of Zone:174, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7096 m



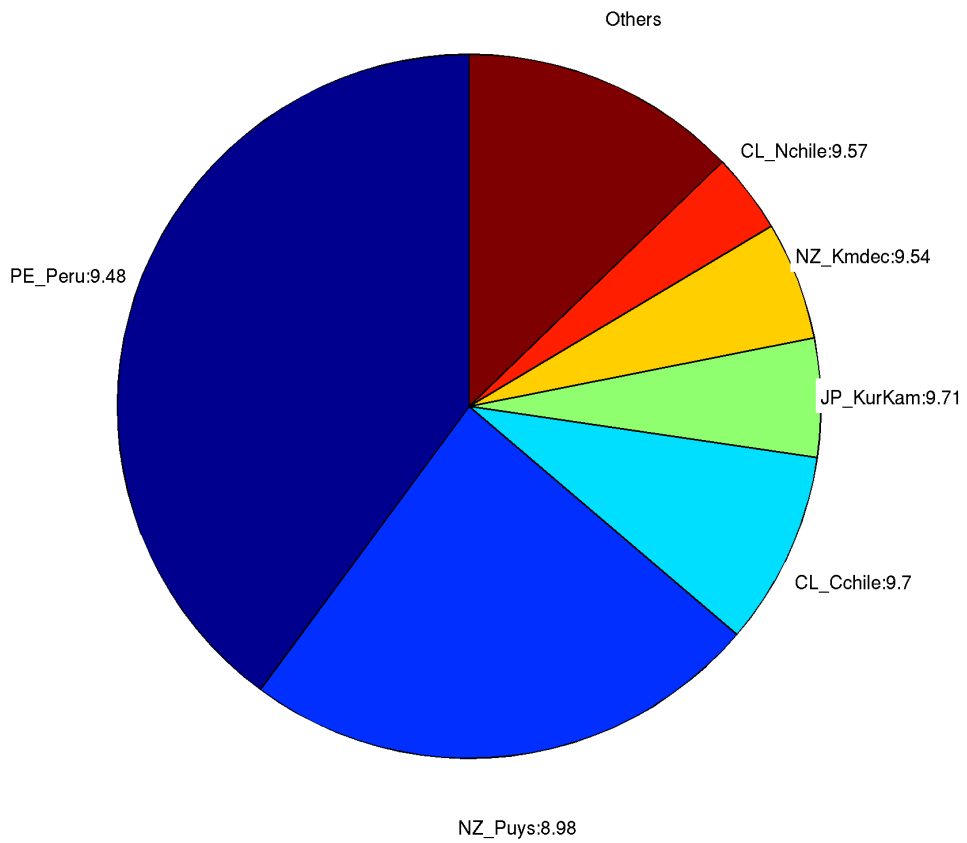
175. *Catlins River*



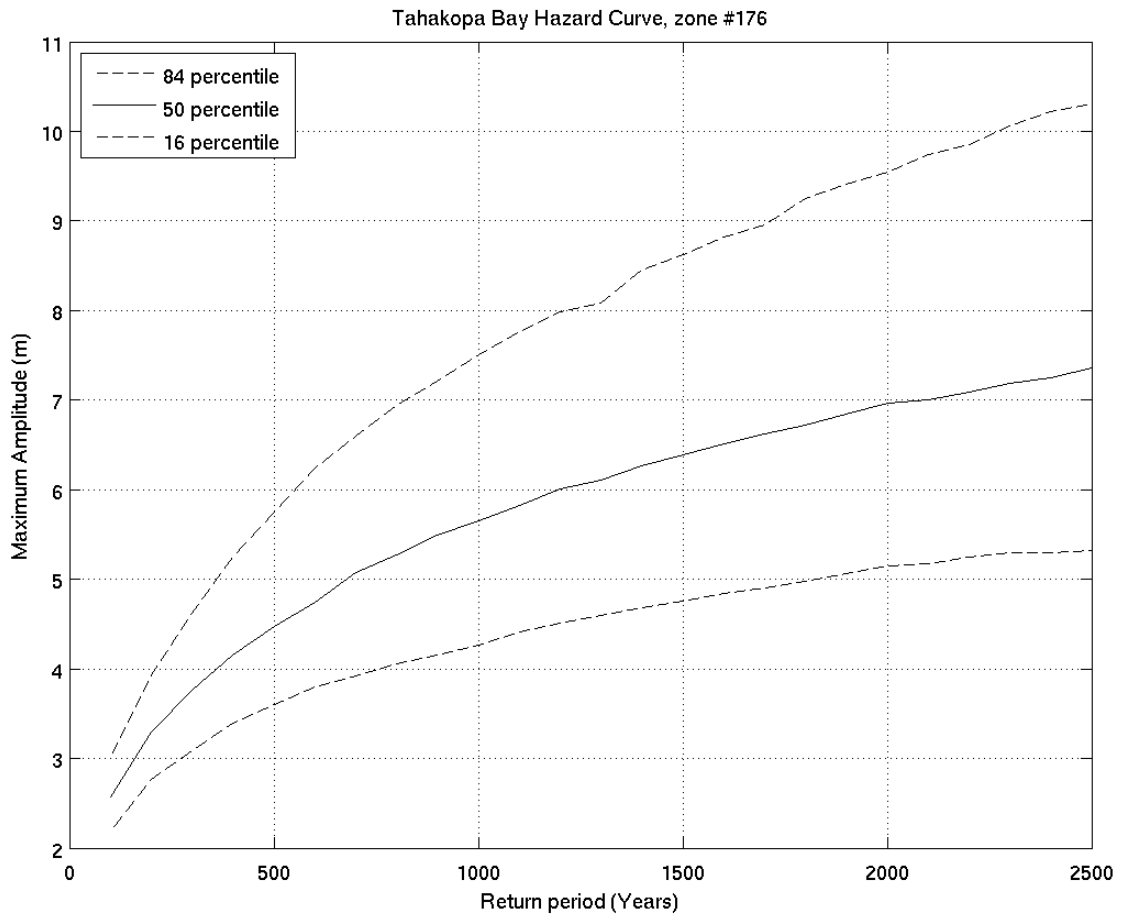
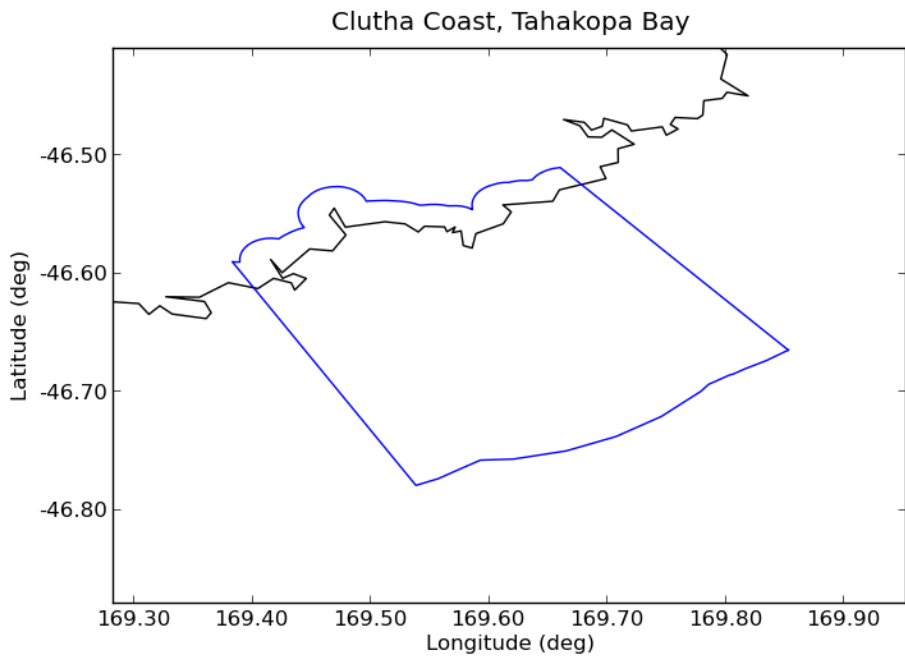
Deaggregation of Zone:175, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7687 m



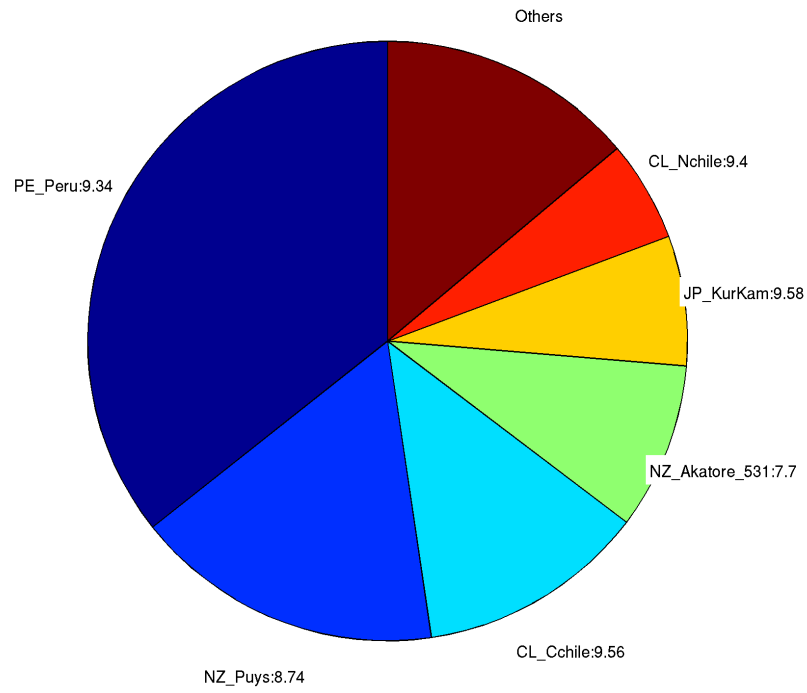
Deaggregation of Zone:175, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.1672 m



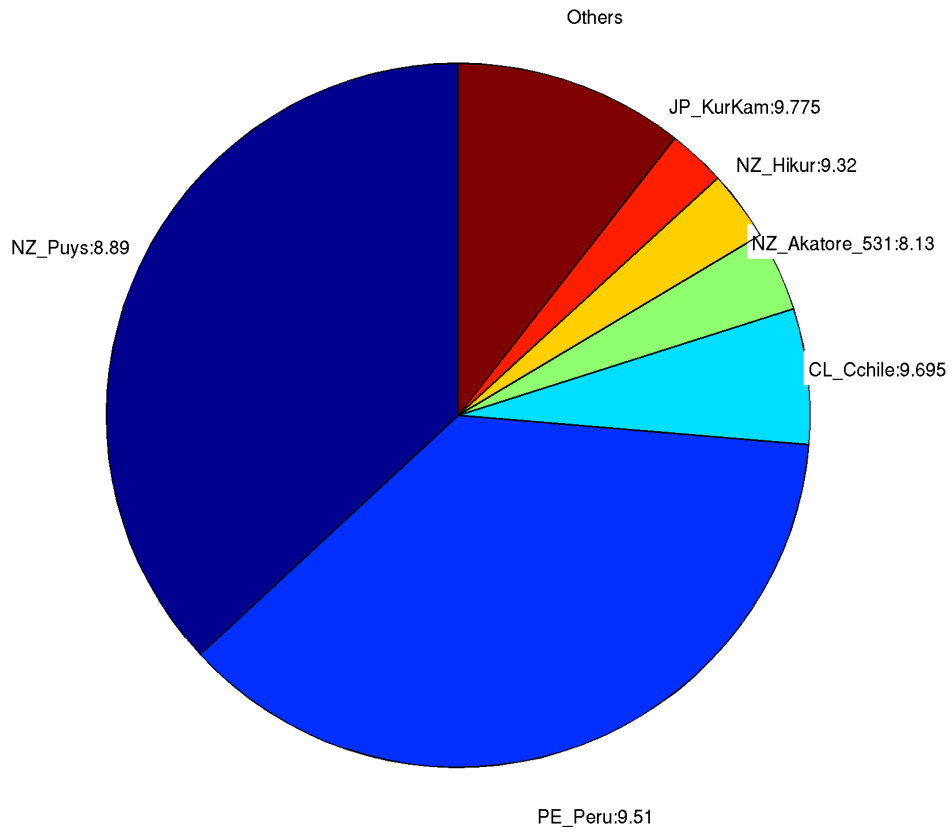
176. *Tahakopa Bay*



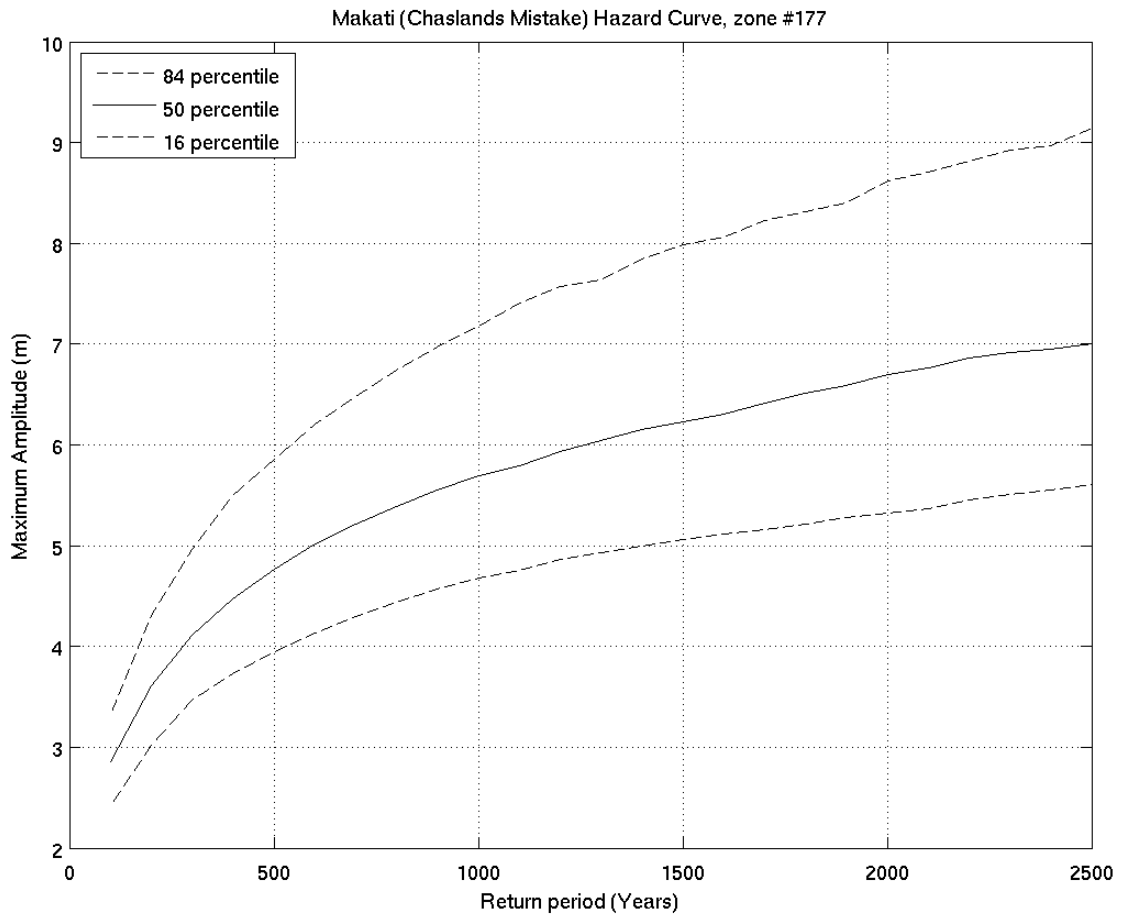
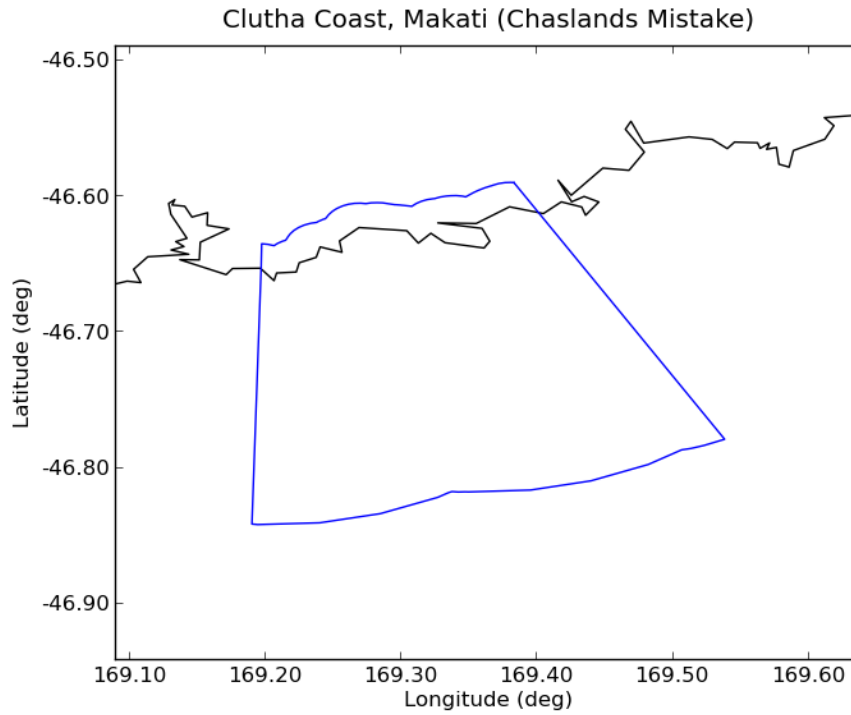
Deaggregation of Zone:176, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4672 m



Deaggregation of Zone:176, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3597 m

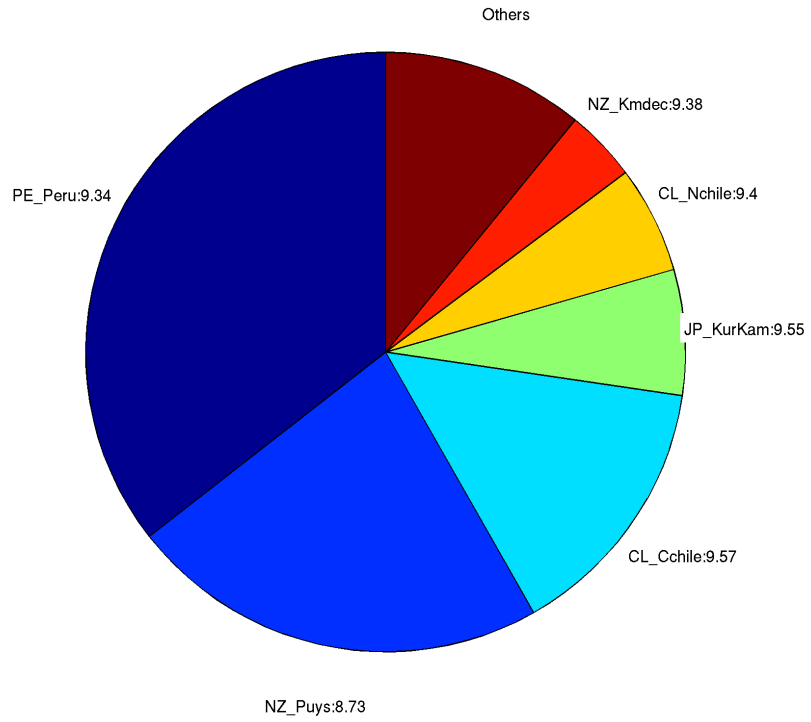


177. Makati (Chaslands Mistake)

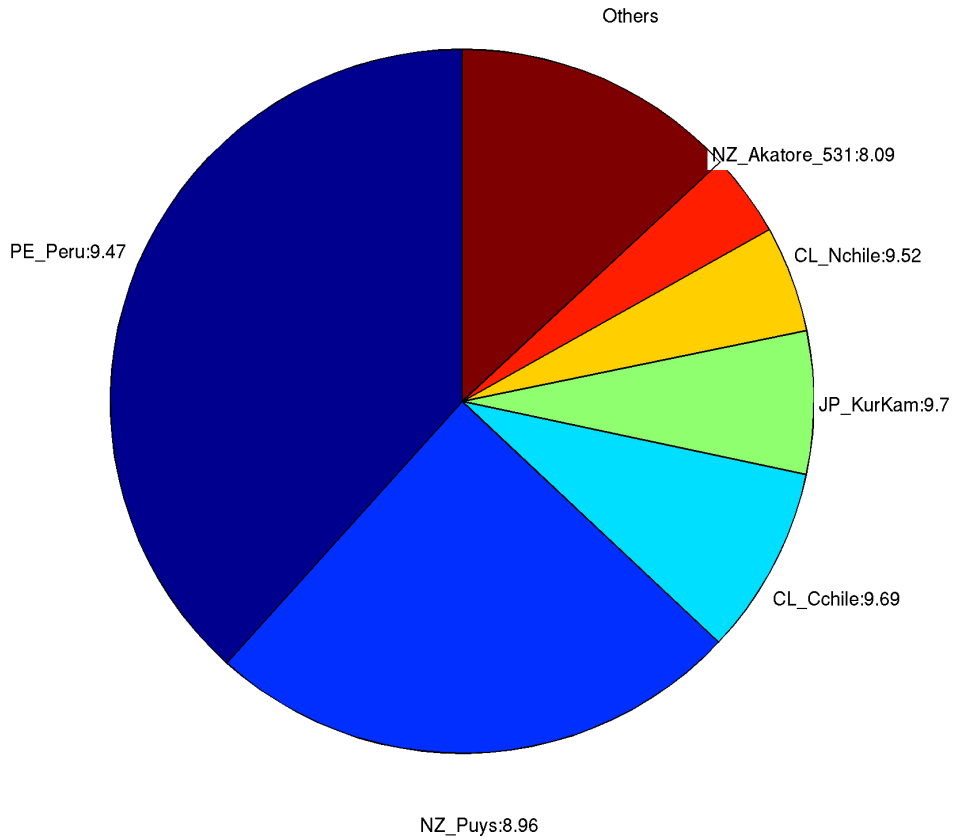




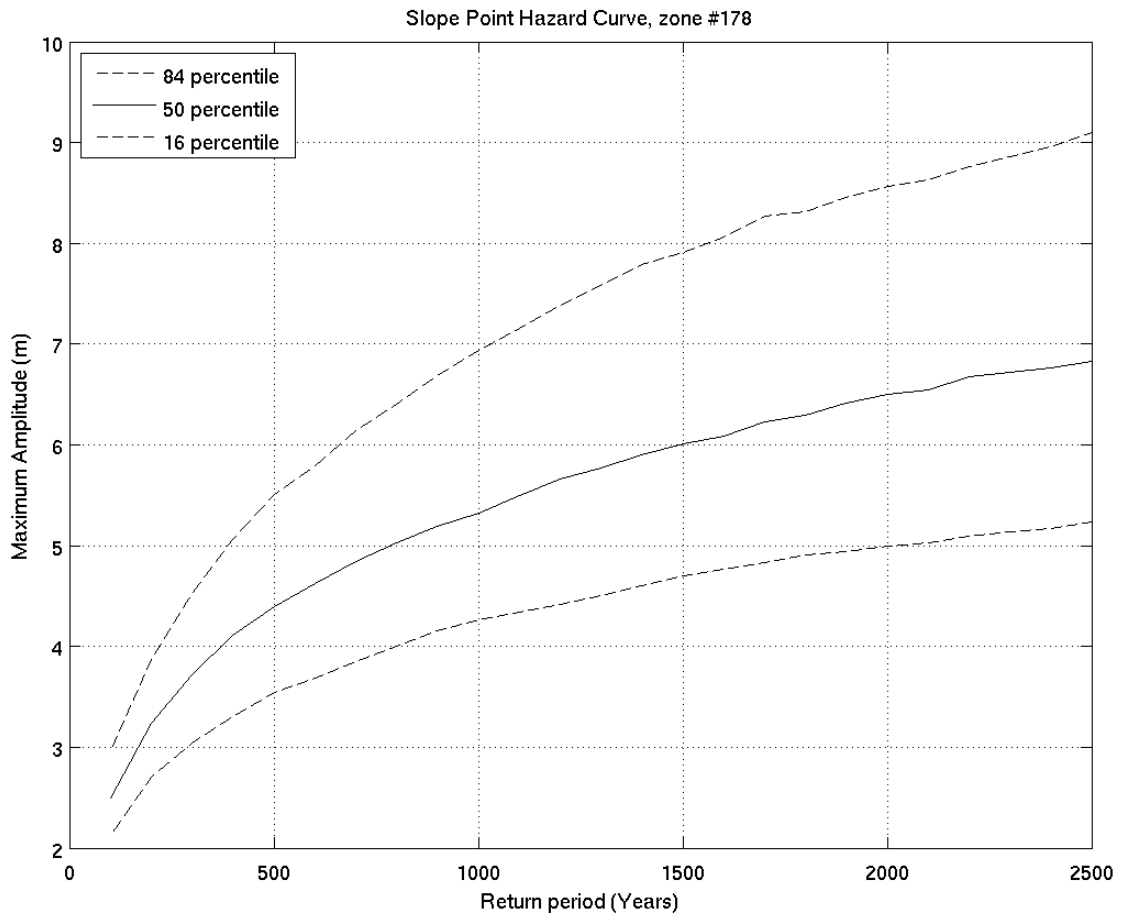
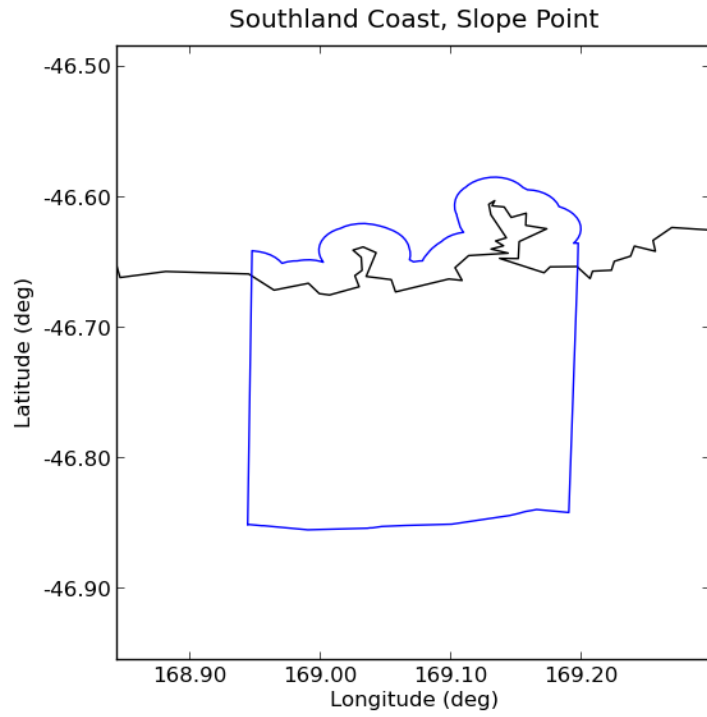
Deaggregation of Zone:177, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7678 m



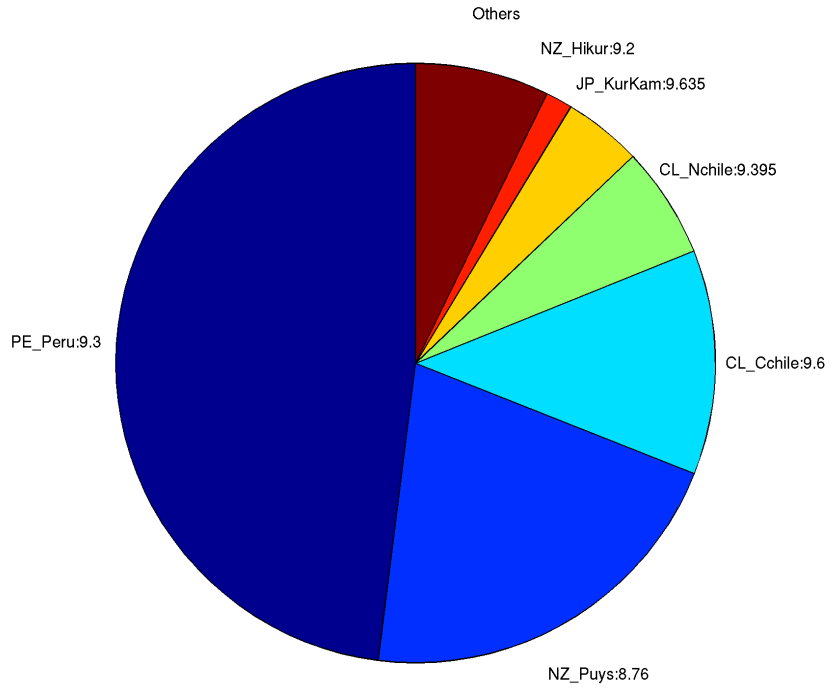
Deaggregation of Zone:177, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9984 m



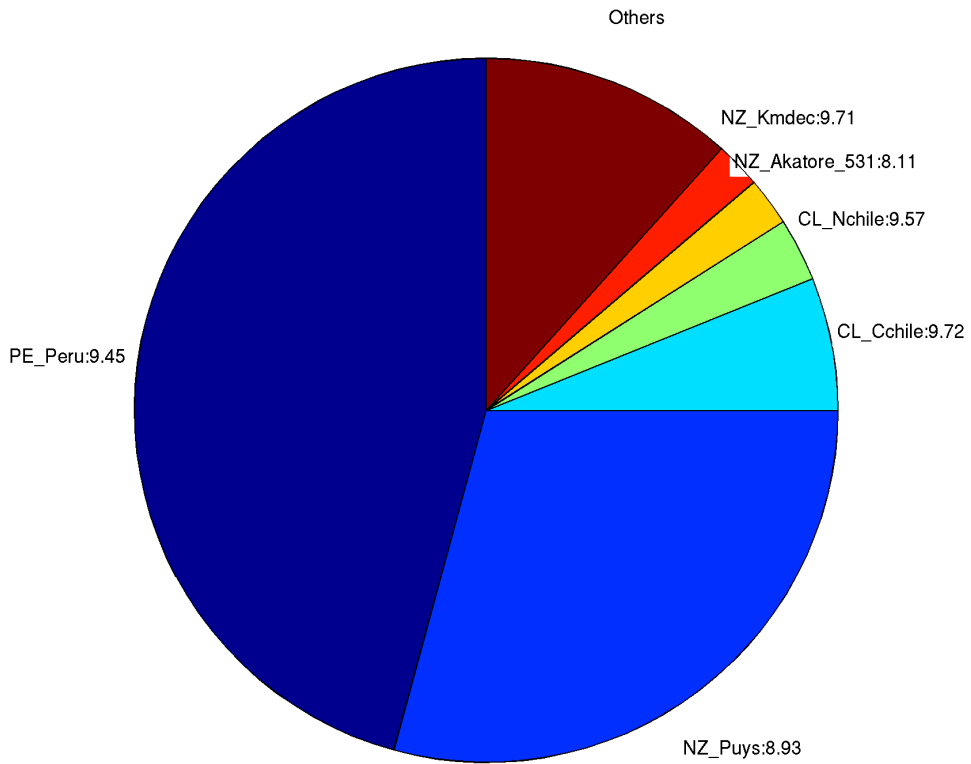
### 178. Slope Point



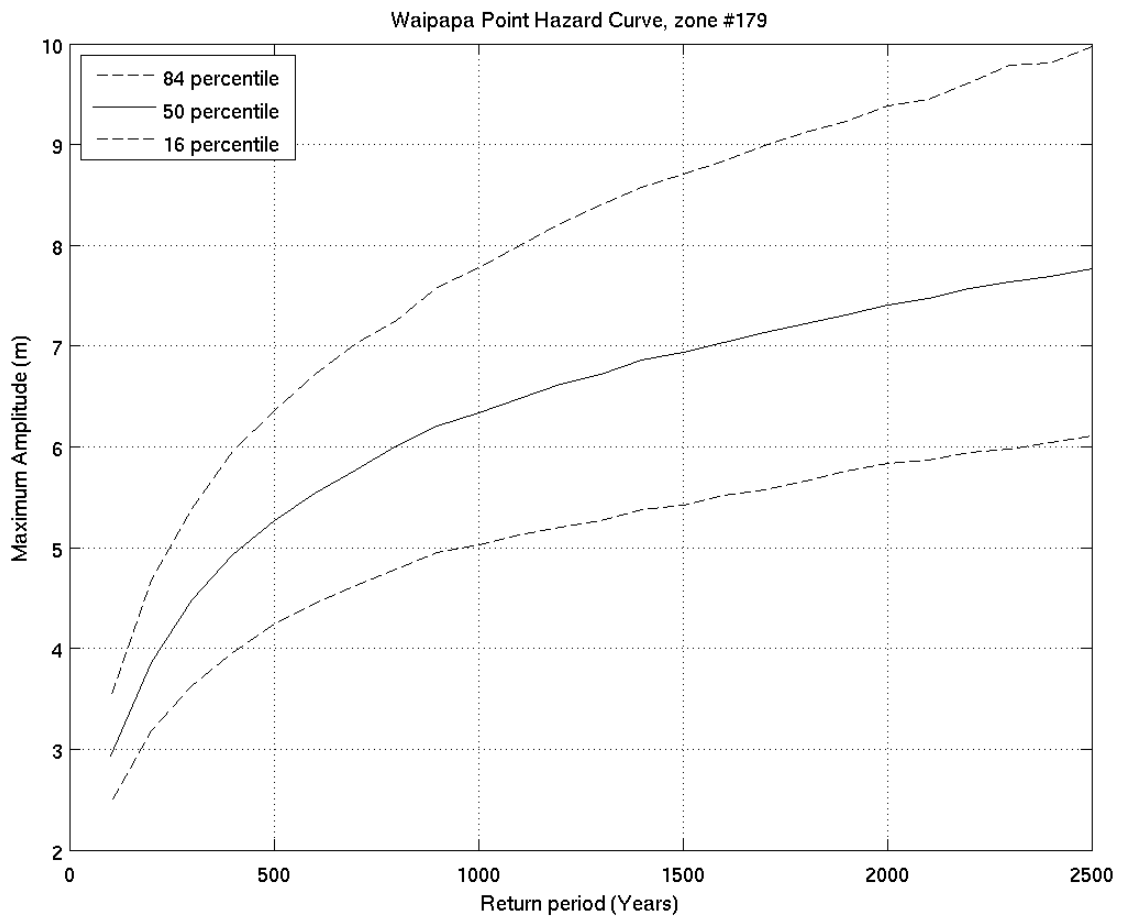
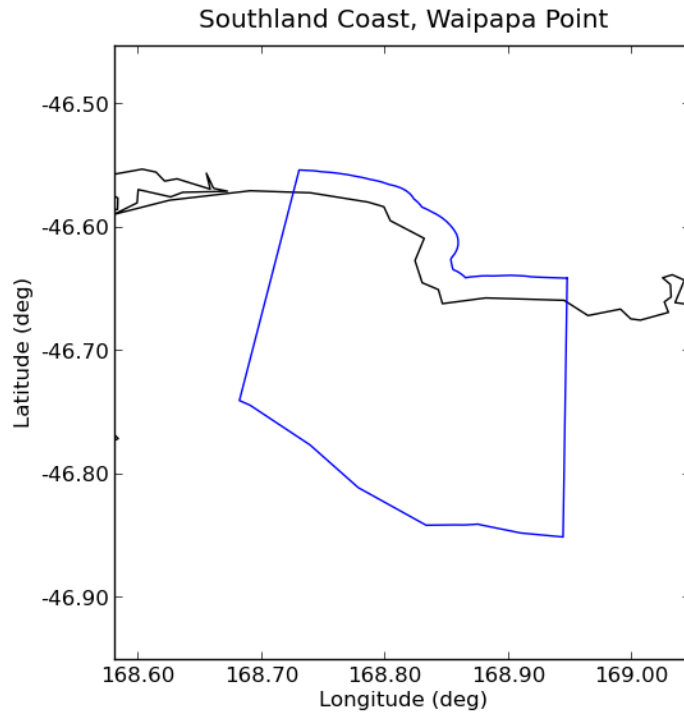
Deaggregation of Zone:178, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.3899 m



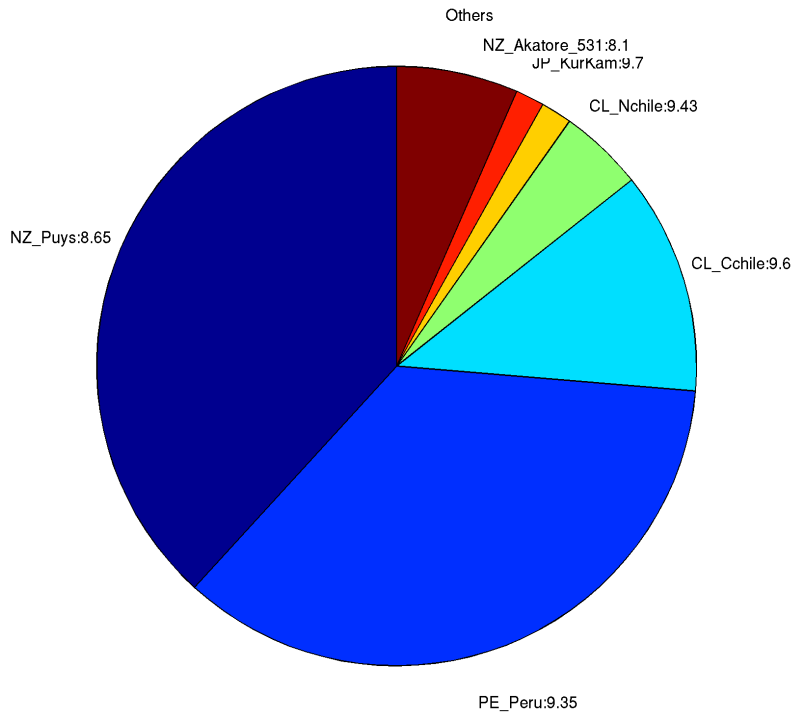
Deaggregation of Zone:178, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8241 m



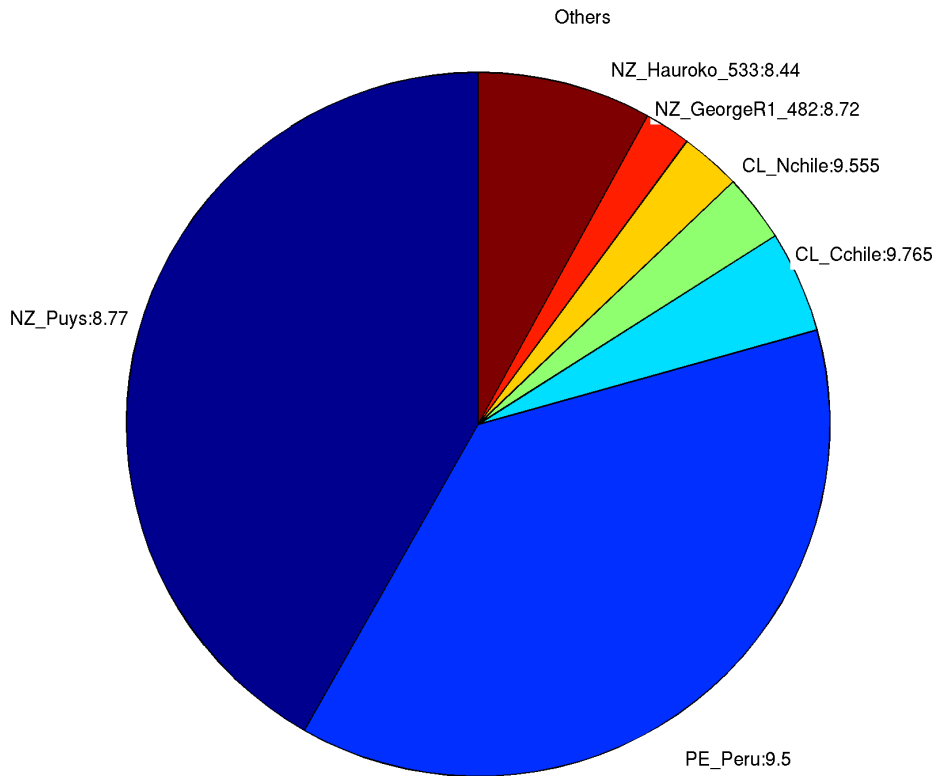
# 179. Waipapa Point



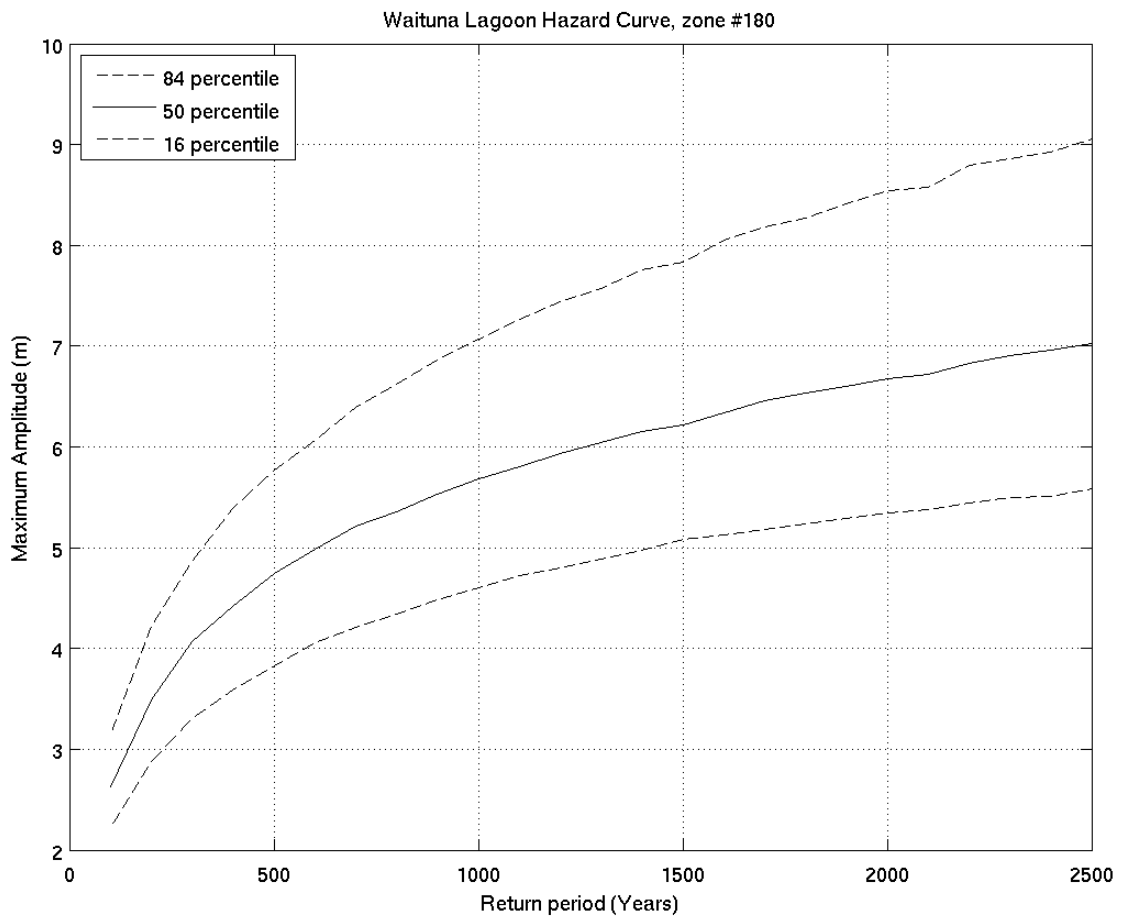
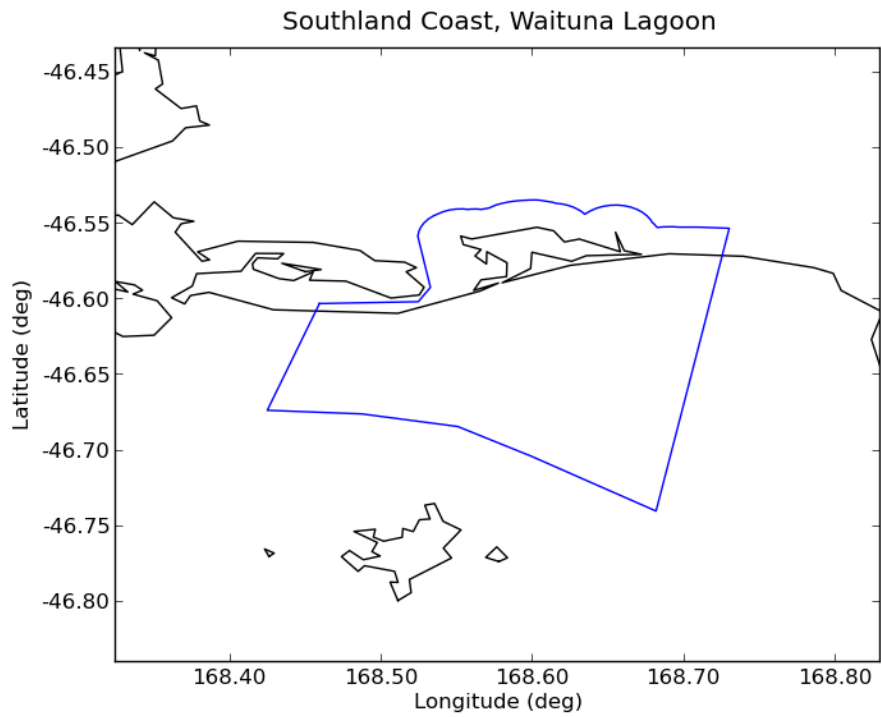
Deaggregation of Zone:179, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.2638 m



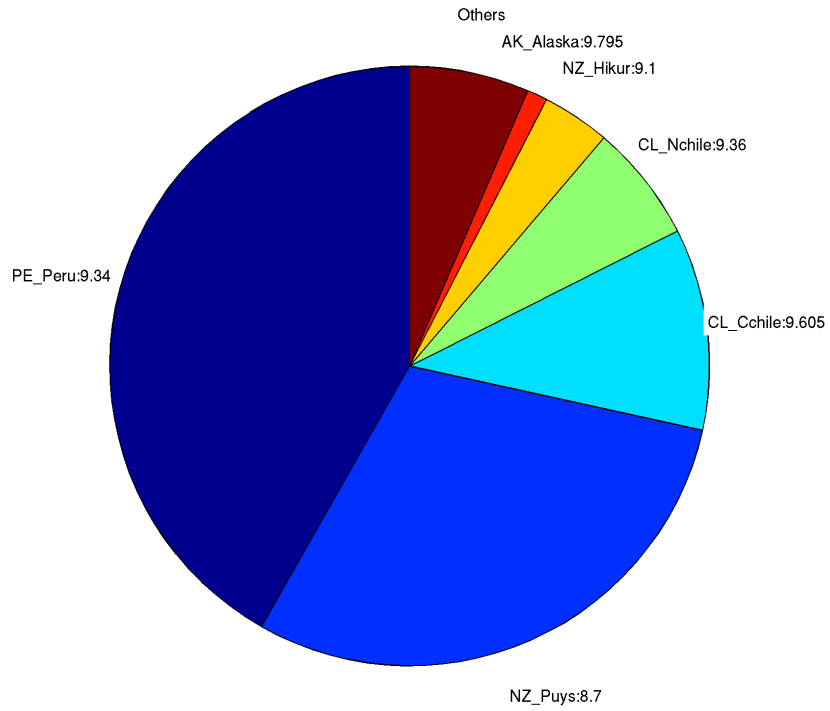
Deaggregation of Zone:179, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7699 m



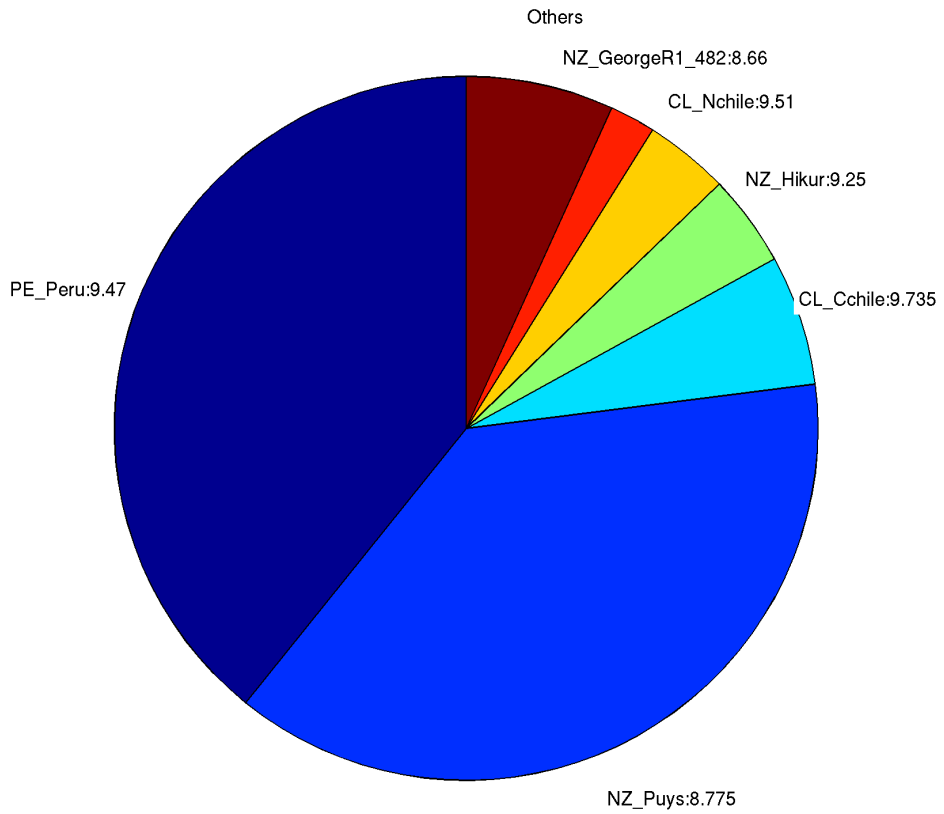
## 180. Waituna Lagoon



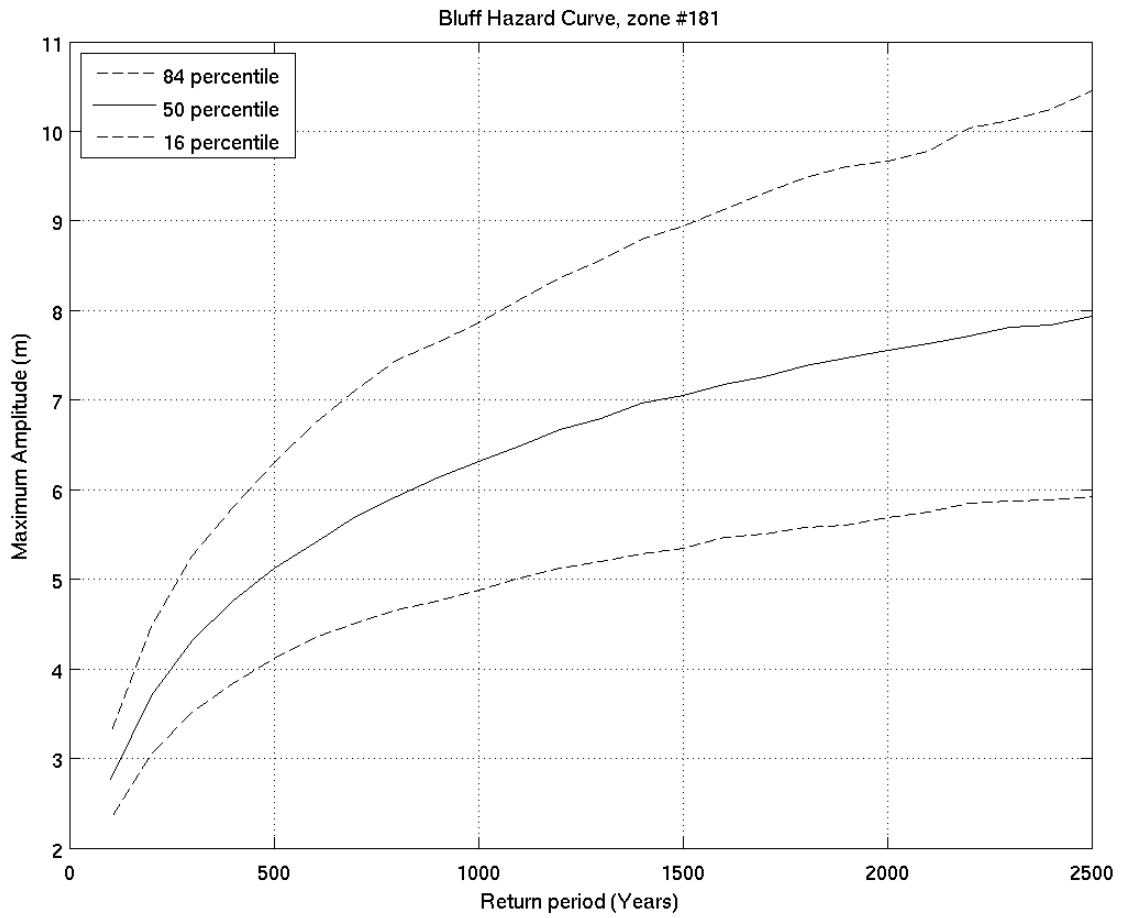
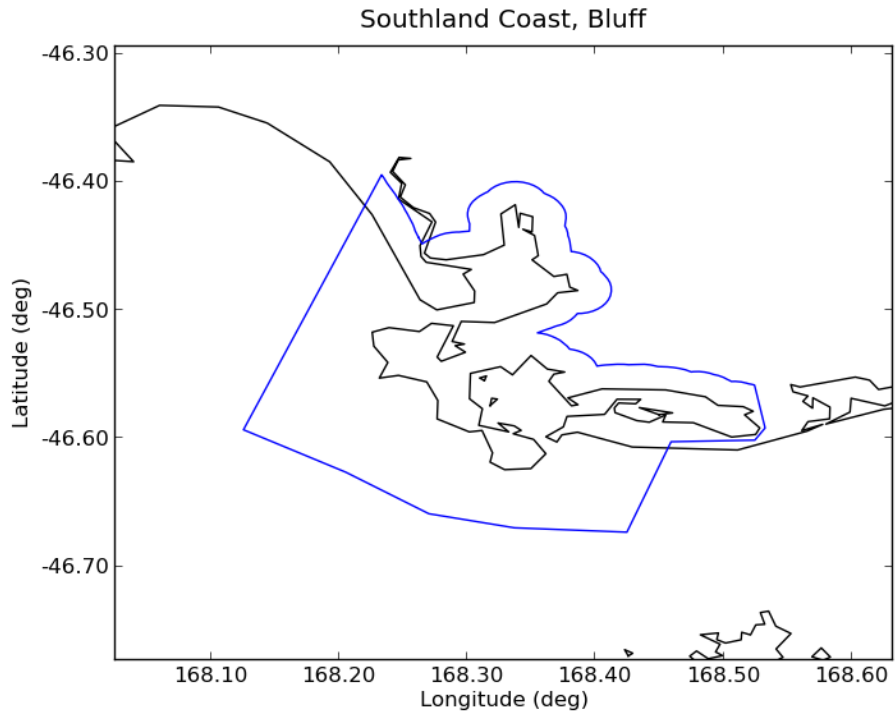
Deaggregation of Zone:180, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7373 m



Deaggregation of Zone:180, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0195 m

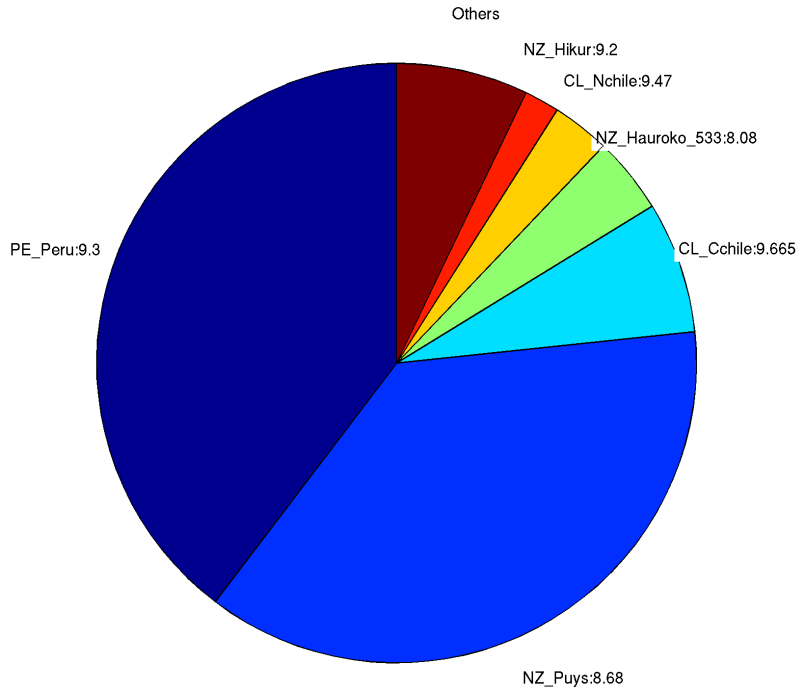


181. **Bluff**

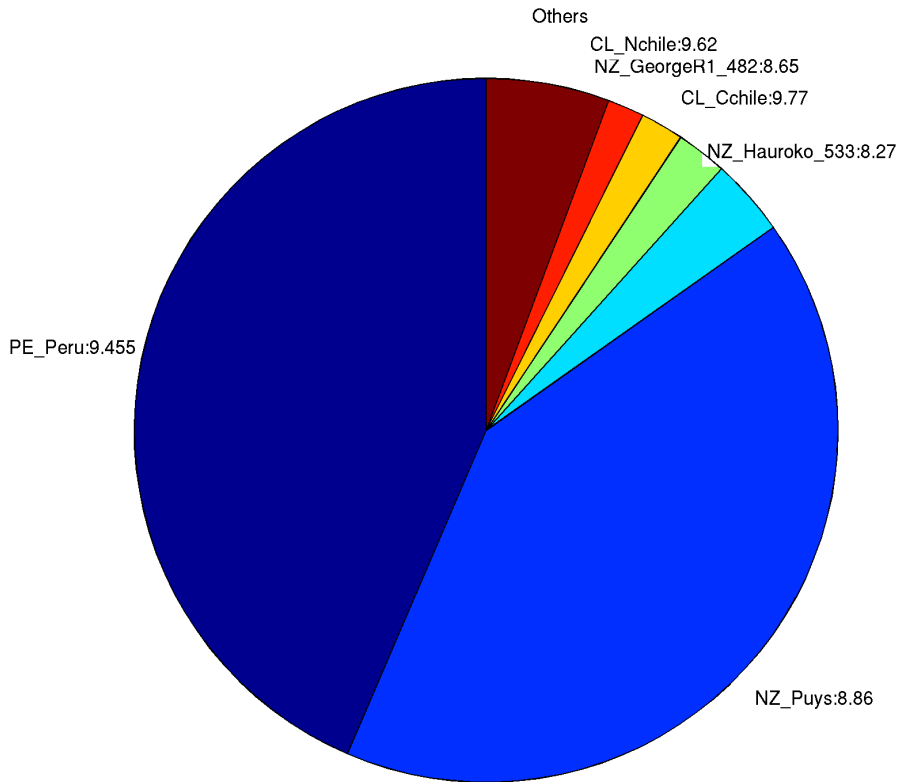




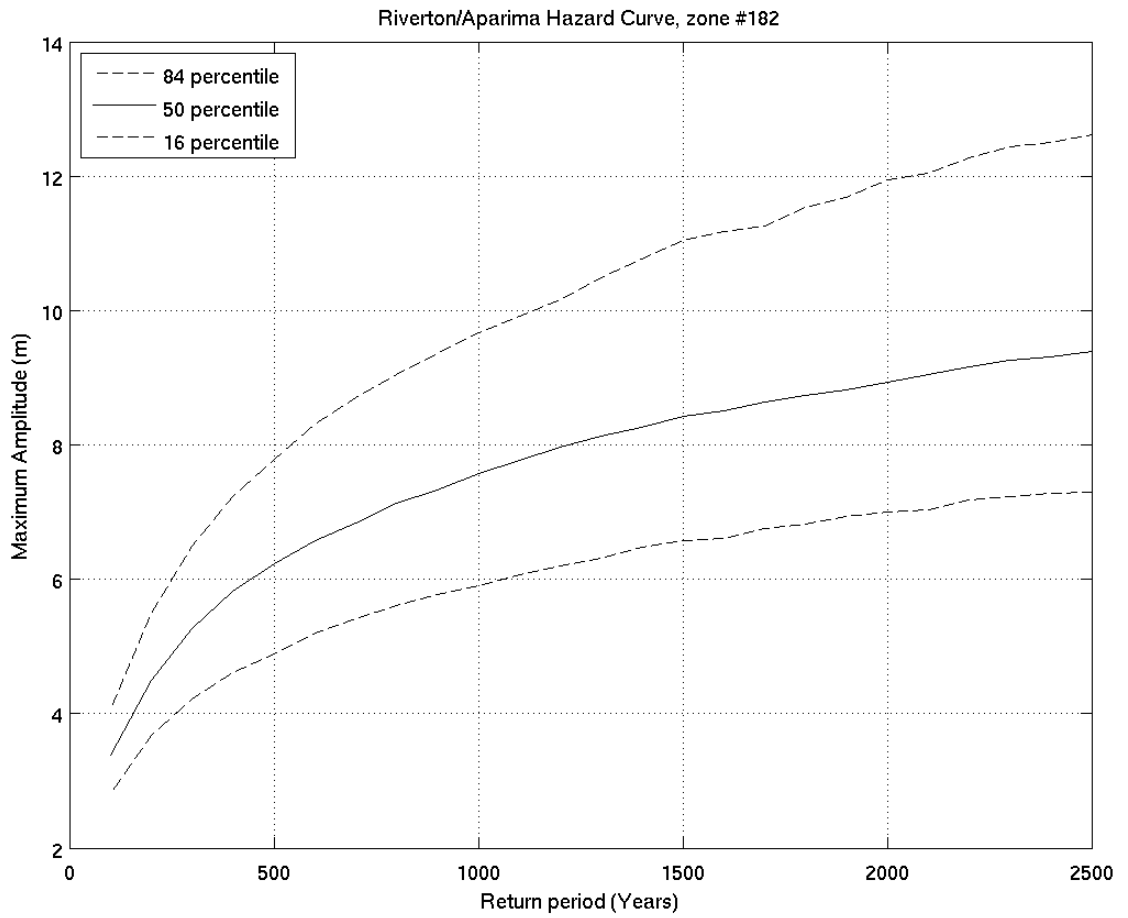
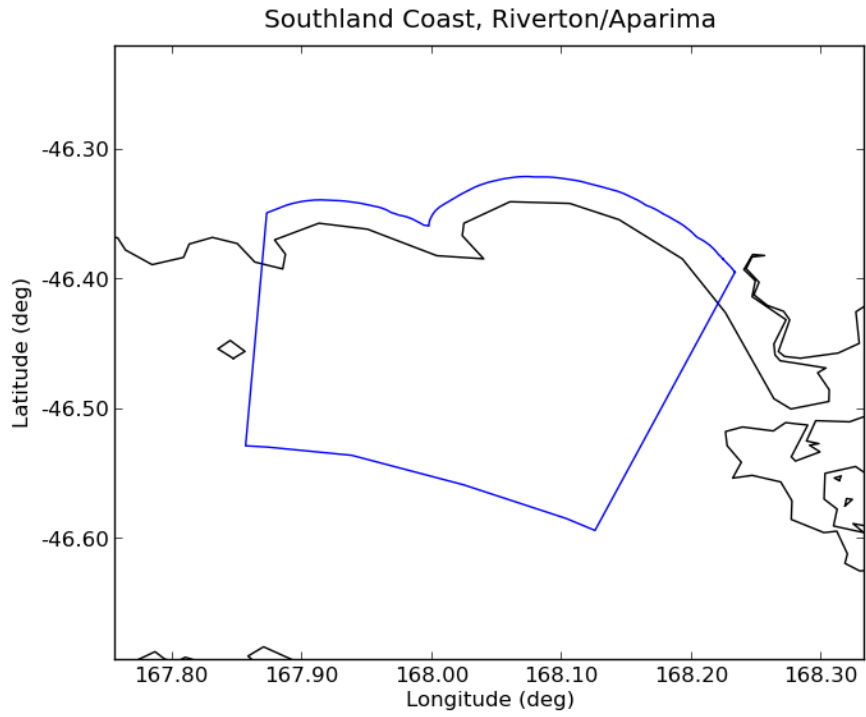
Deaggregation of Zone:181, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1247 m



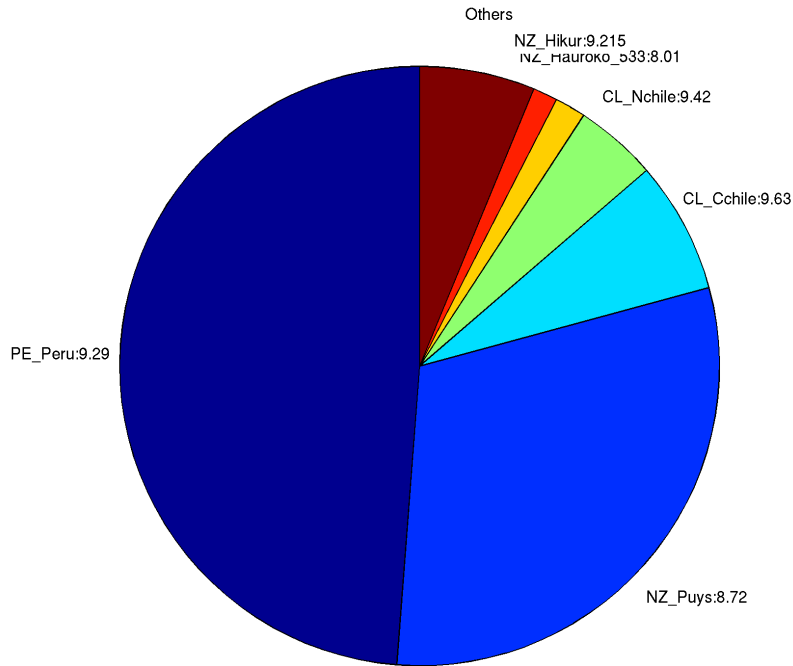
Deaggregation of Zone:181, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9279 m



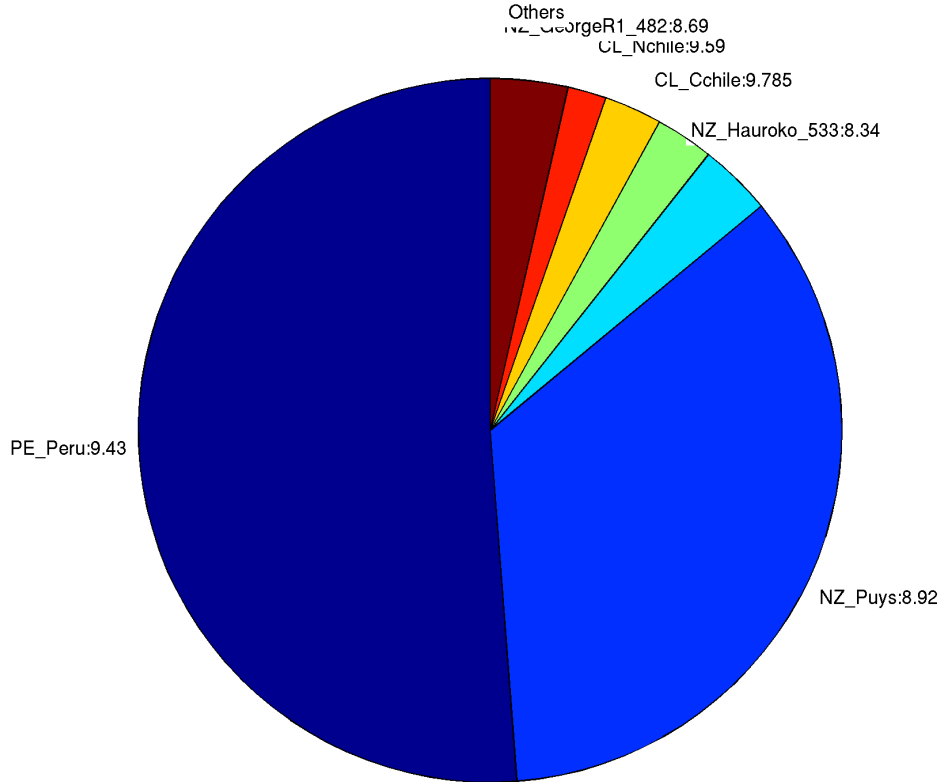
182. *Riverton/Aparima*



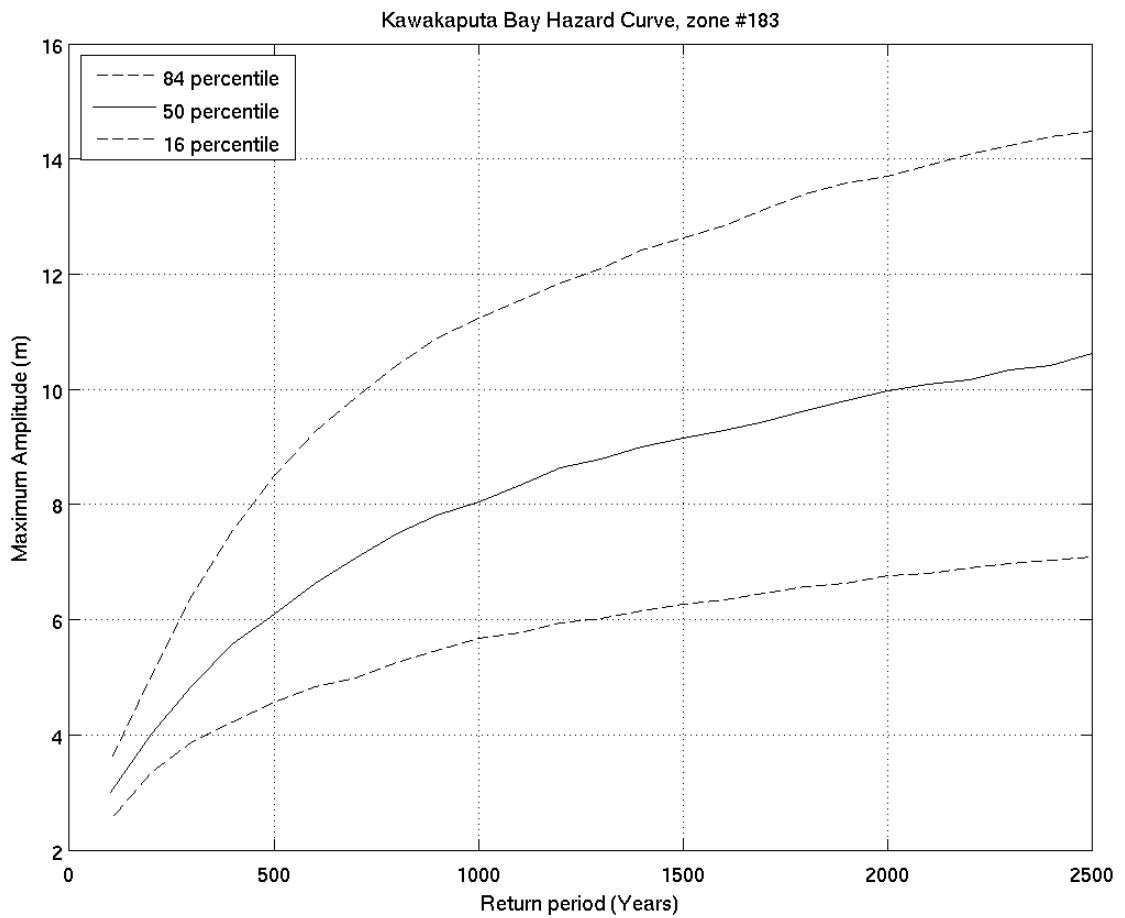
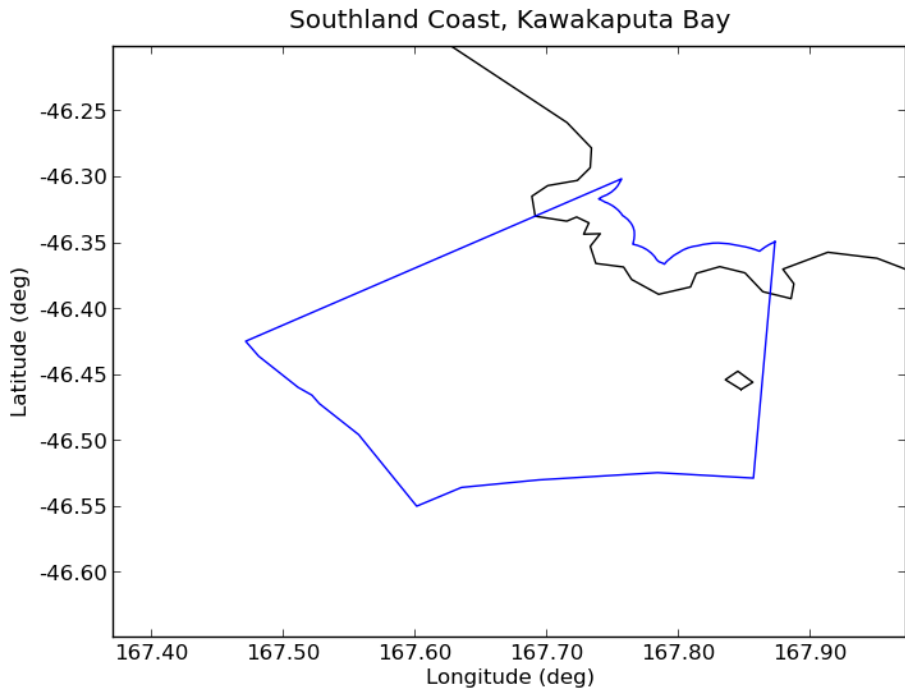
Deaggregation of Zone:182, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2262 m



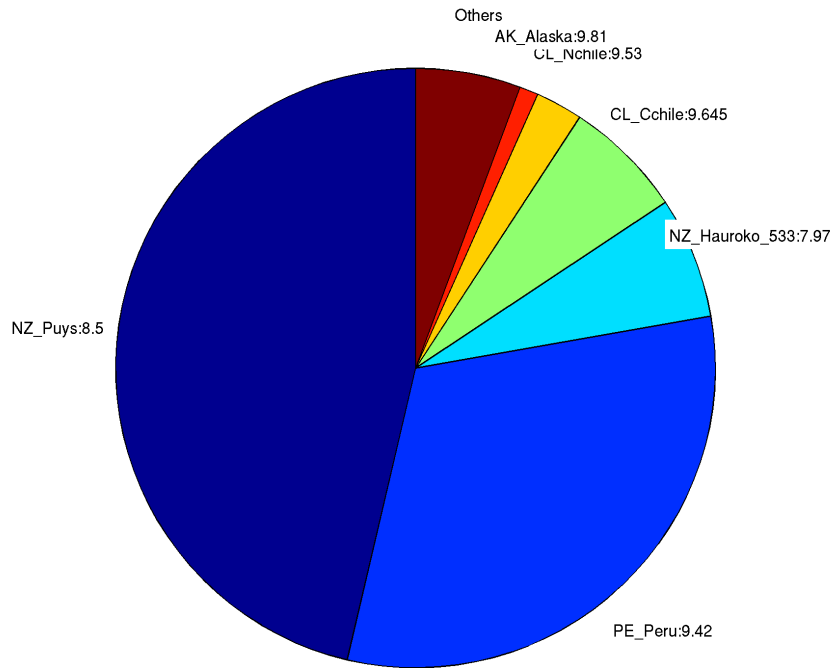
Deaggregation of Zone:182, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.3917 m



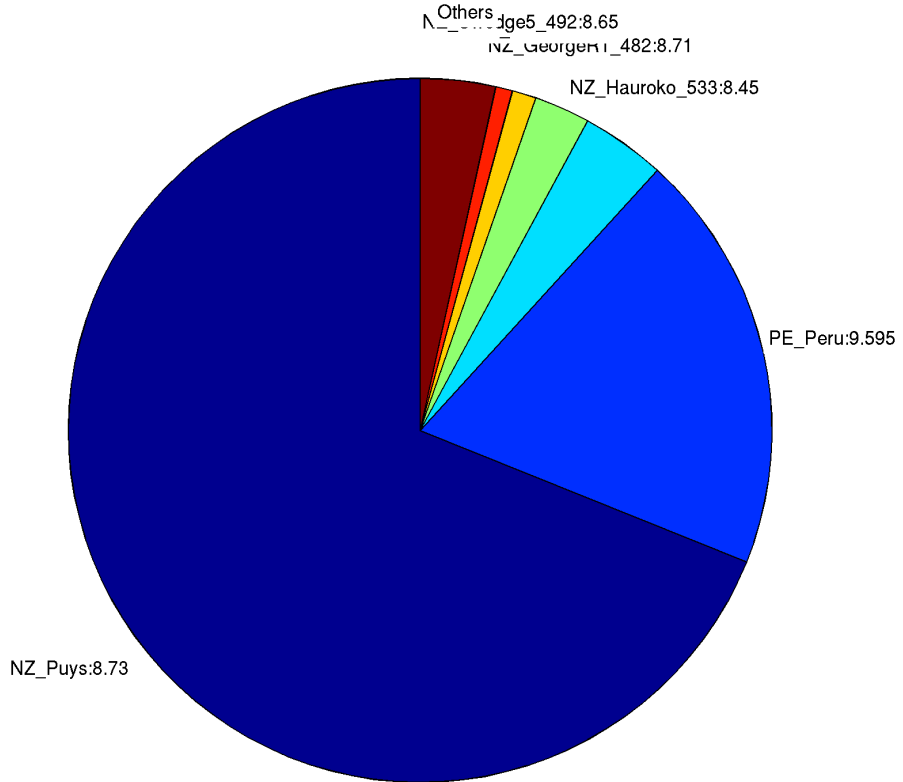
### 183. Kawakaputa Bay



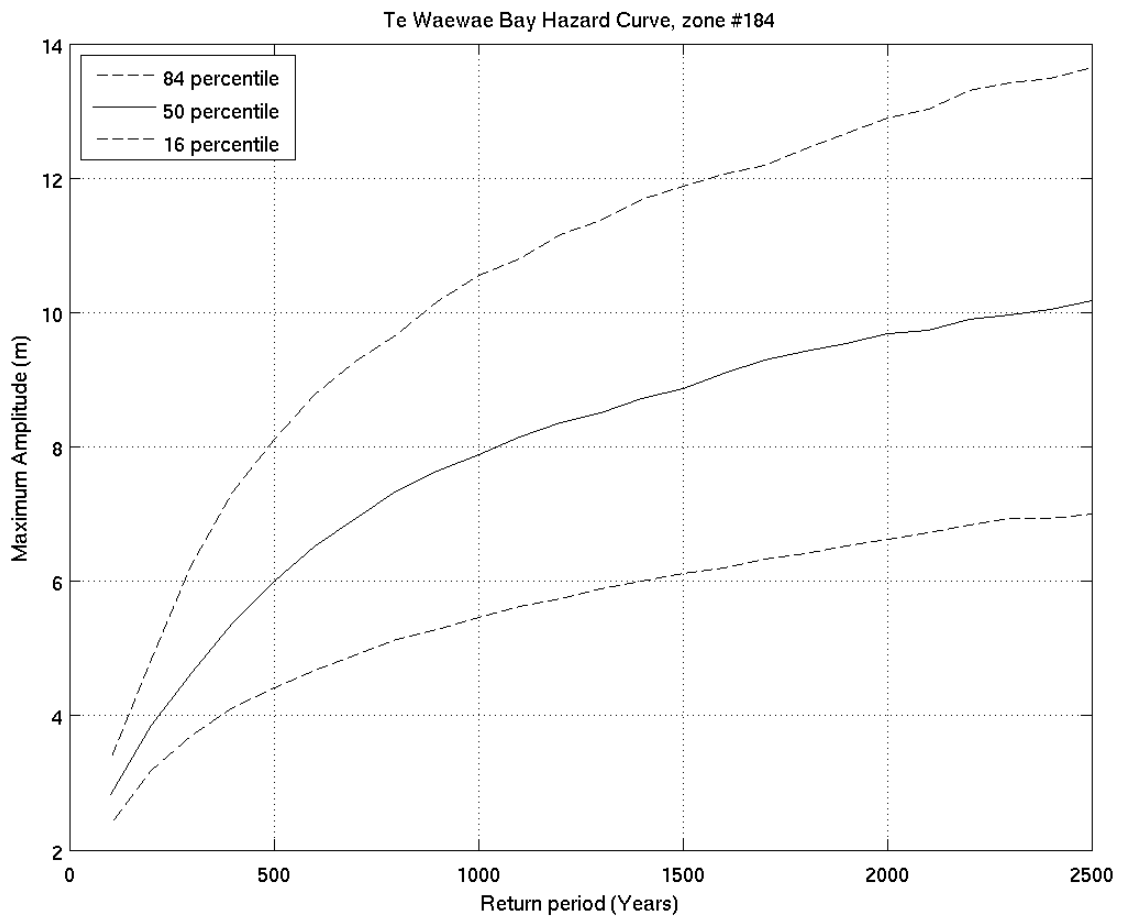
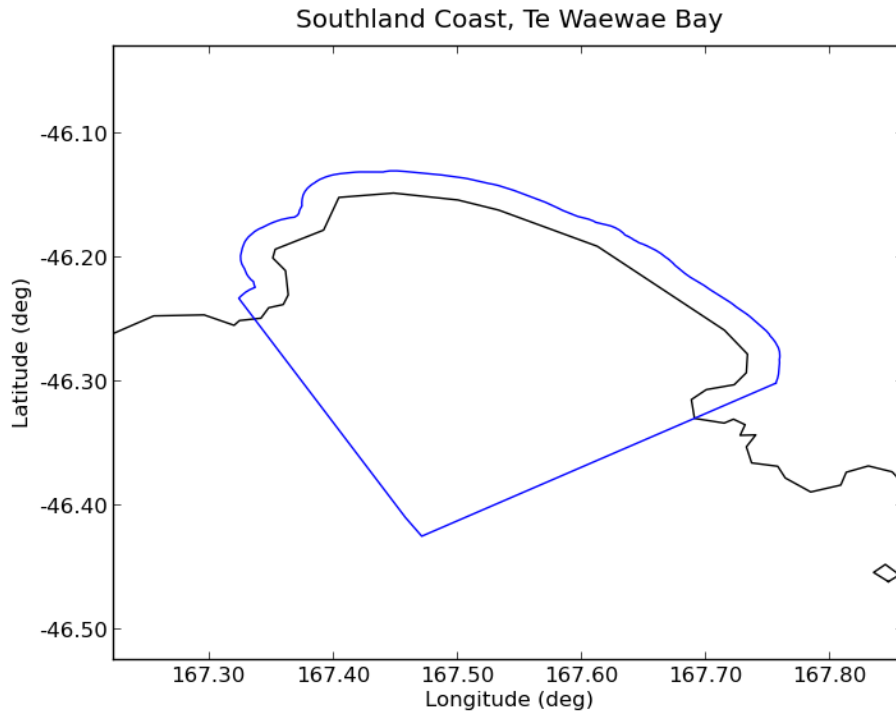
Deaggregation of Zone:183, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0841 m



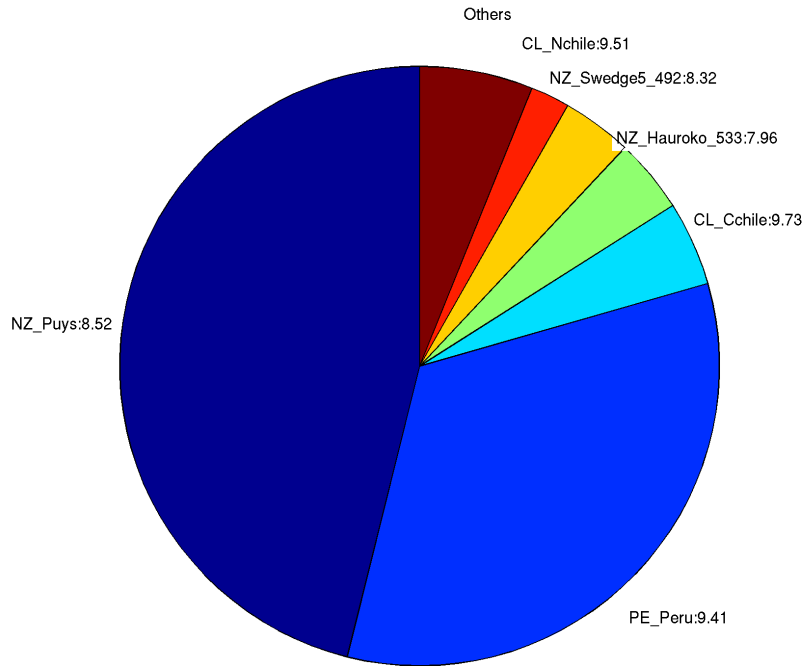
Deaggregation of Zone:183, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.5533 m



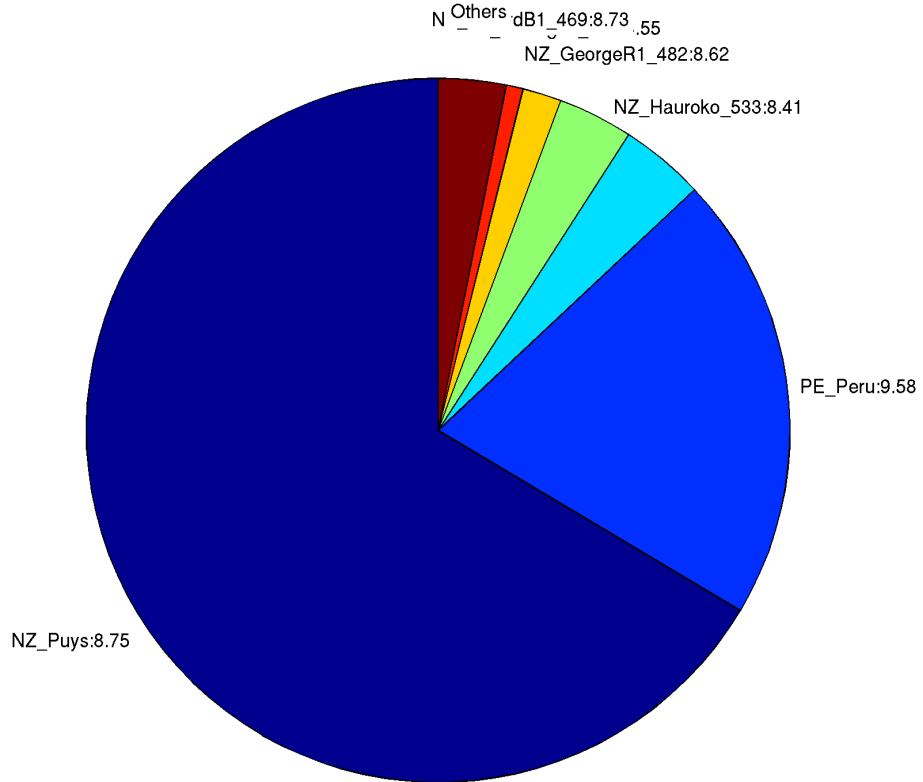
184. *Te Waewae Bay*



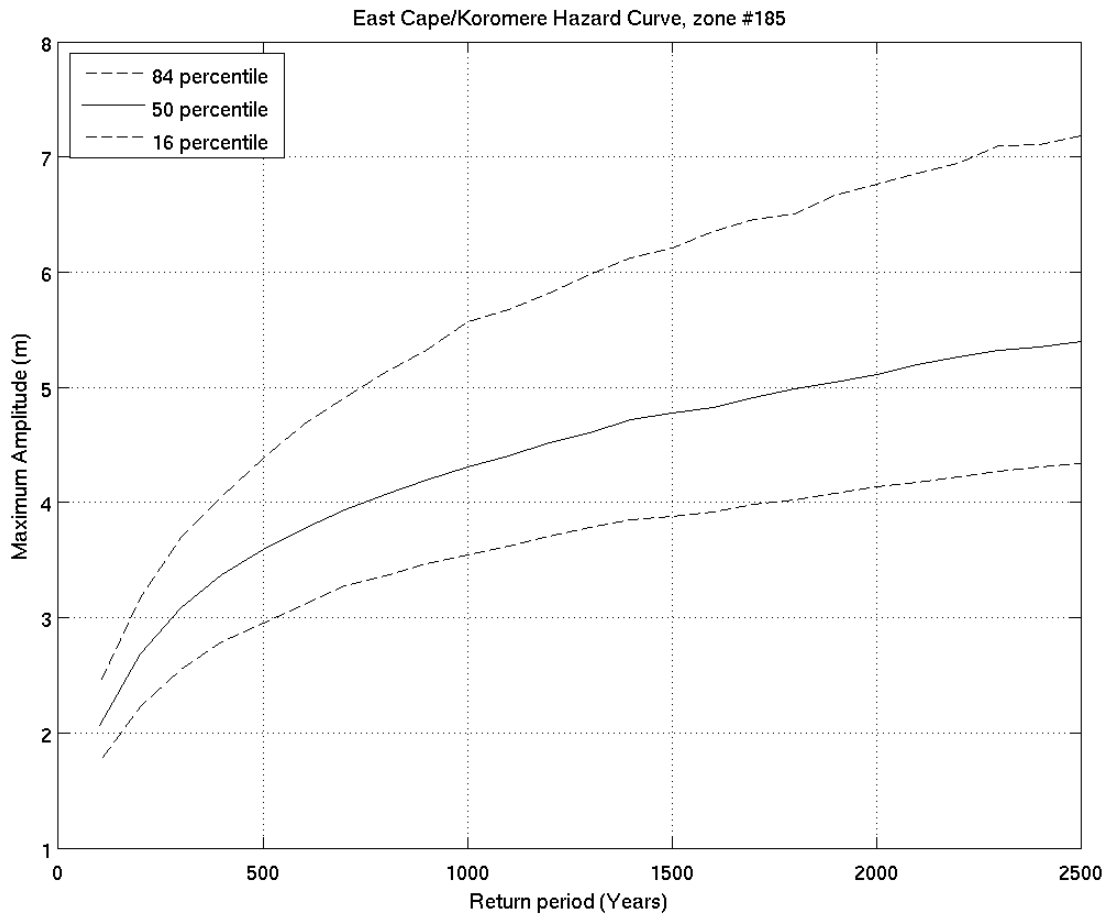
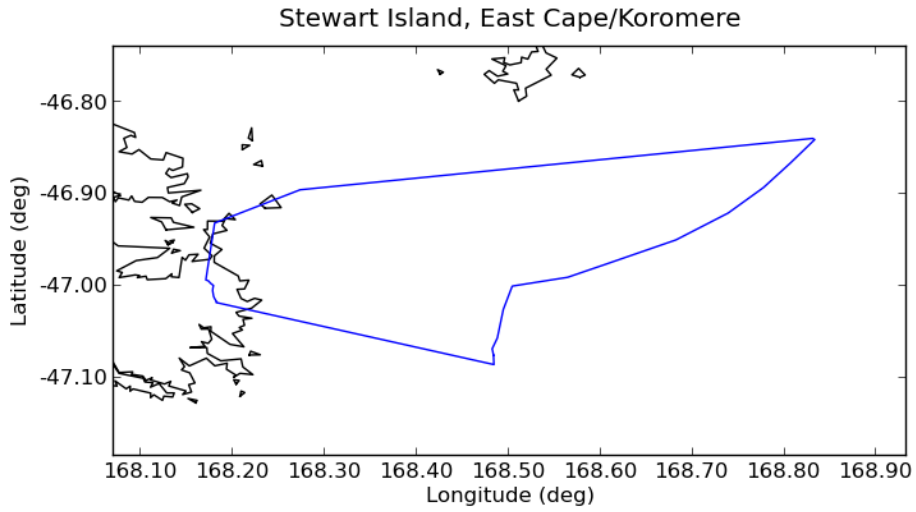
Deaggregation of Zone:184, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9998 m



Deaggregation of Zone:184, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.1761 m

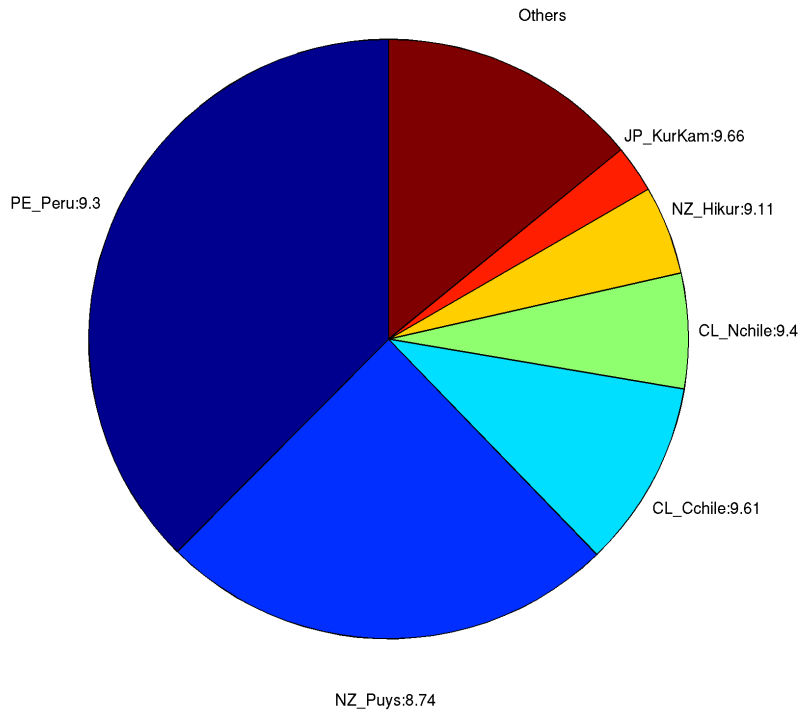


185. **East Cape/Koromere**

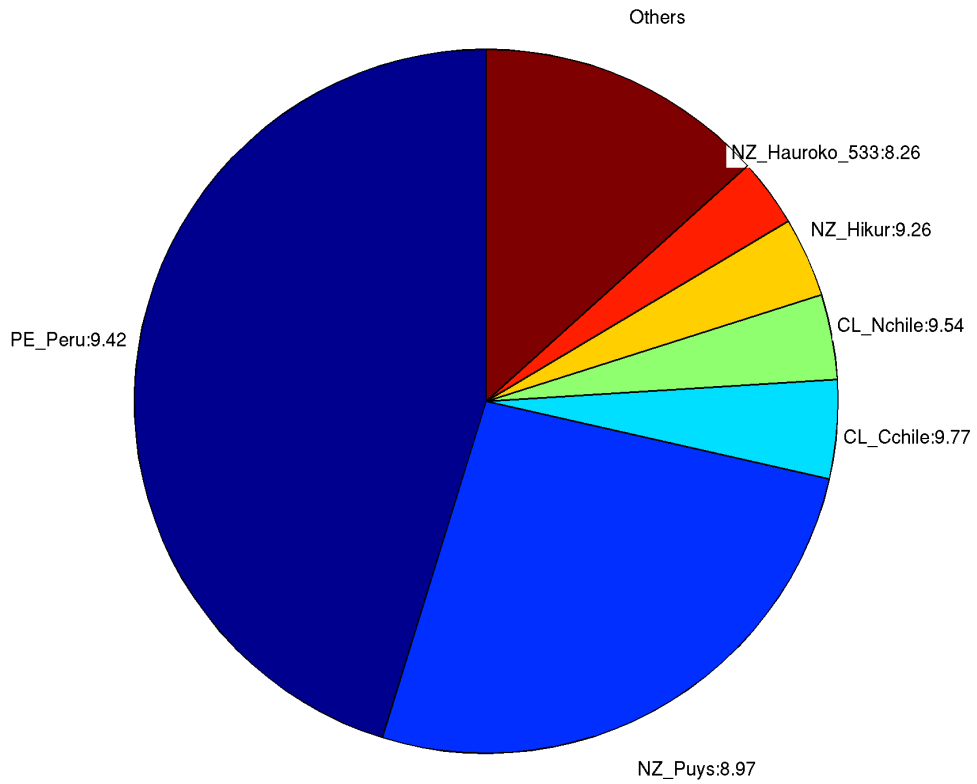




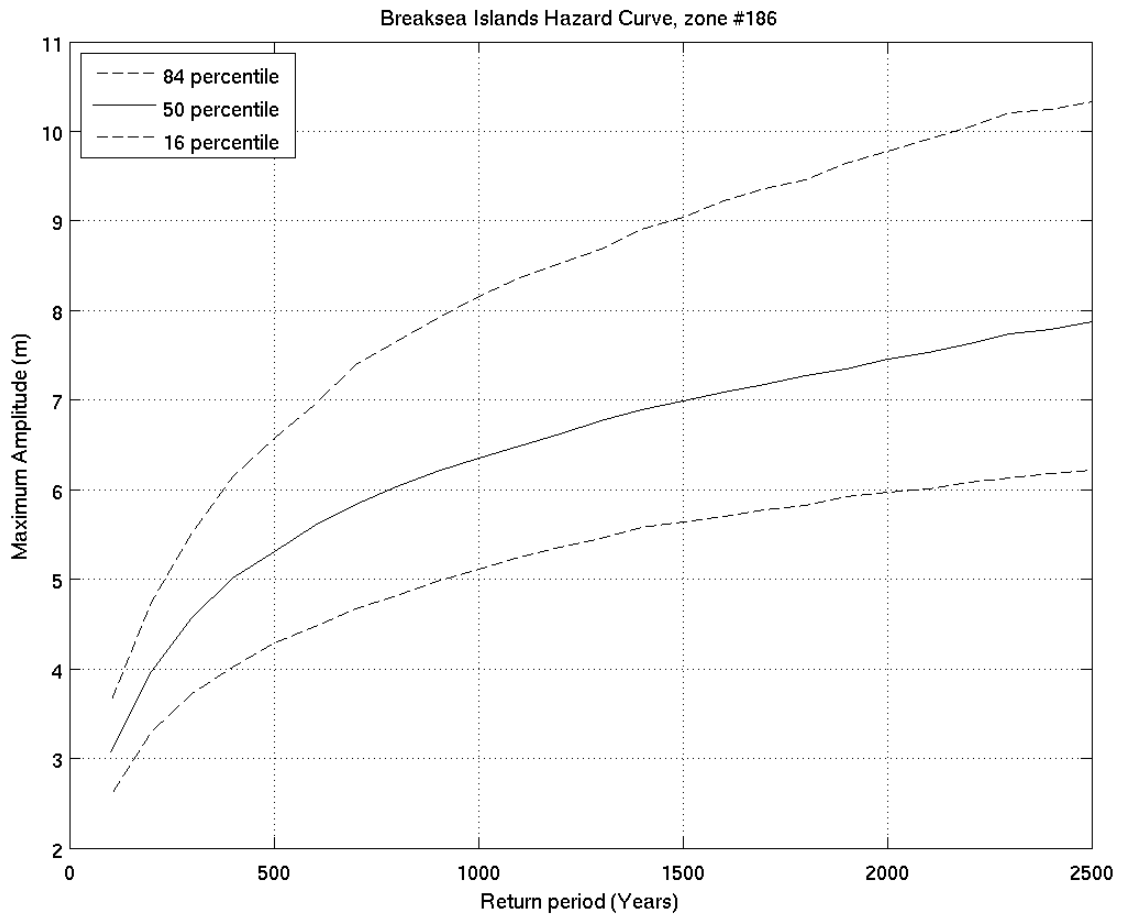
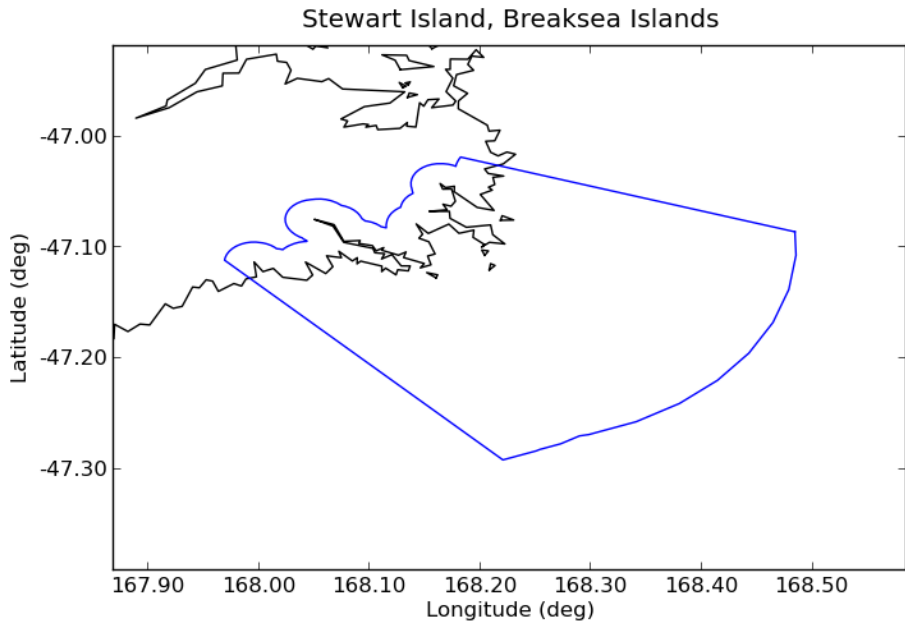
Deaggregation of Zone:185, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5882 m



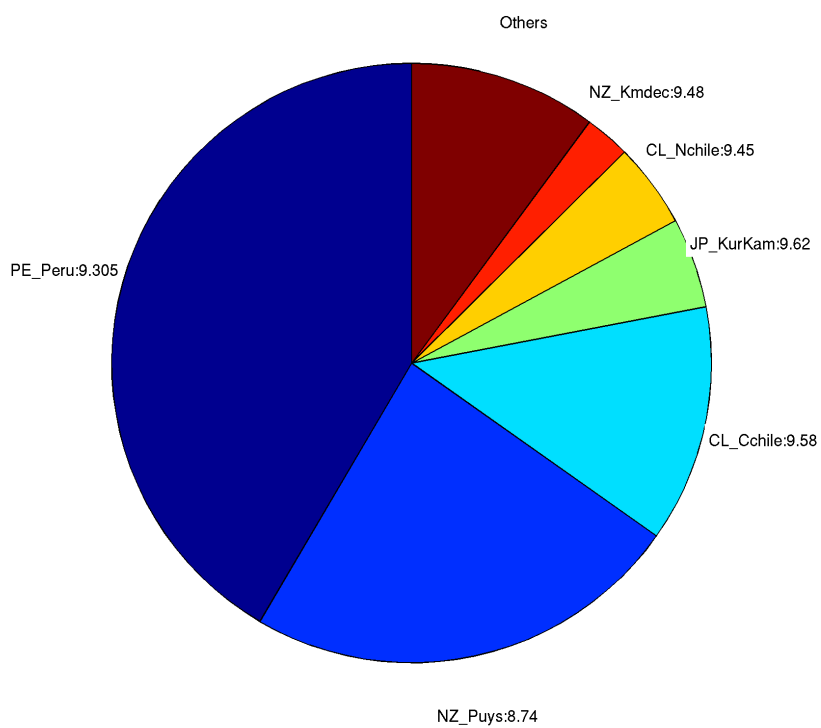
Deaggregation of Zone:185, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3994 m



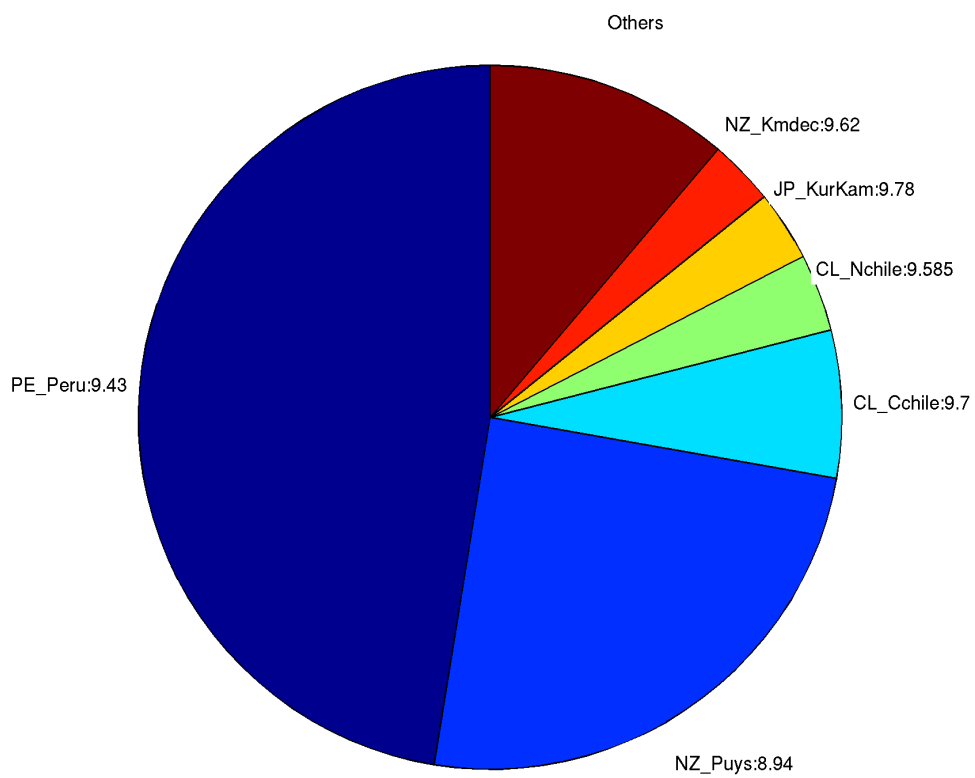
186. **Breaksea Islands**



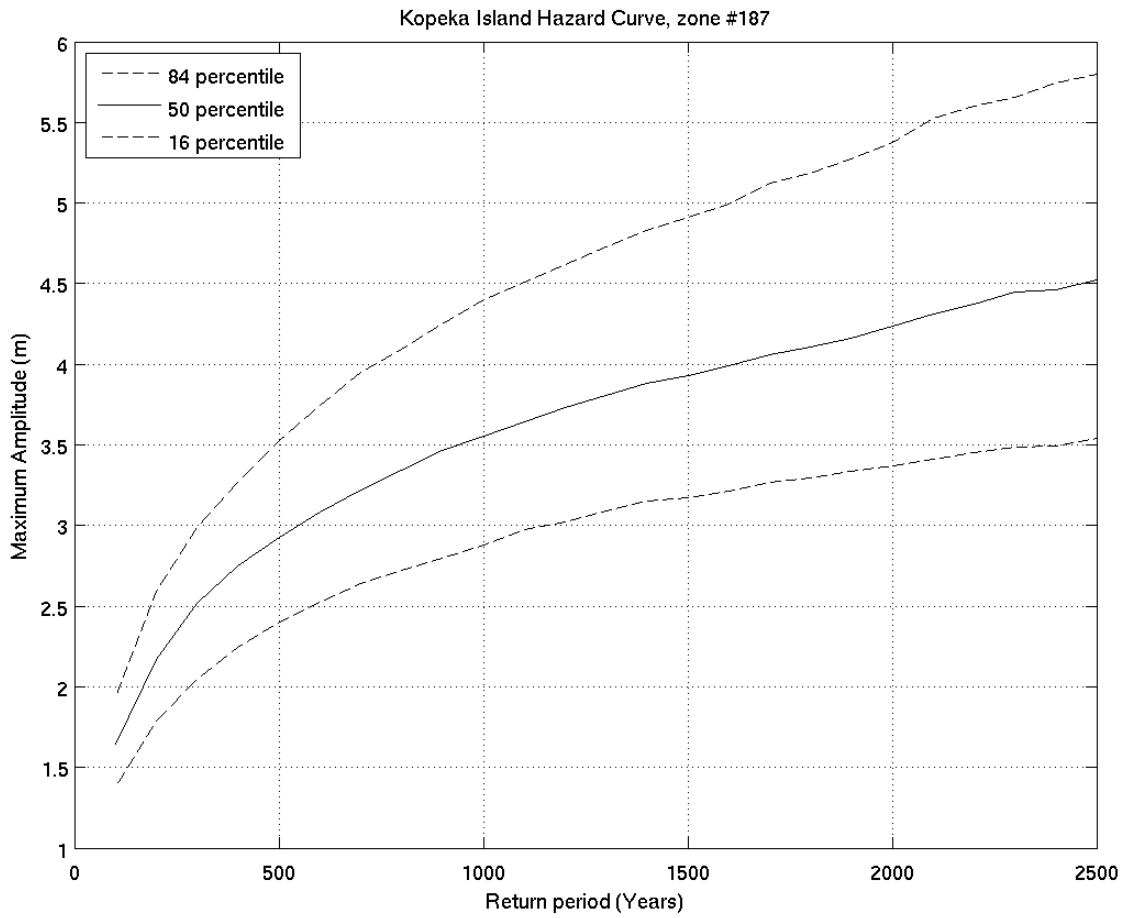
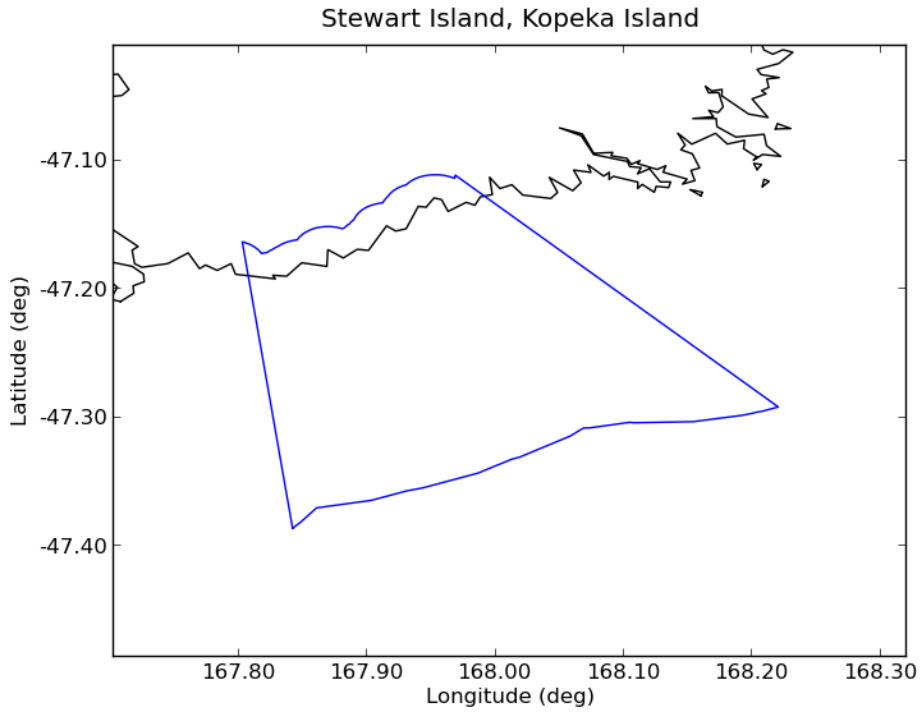
Deaggregation of Zone:186, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3115 m



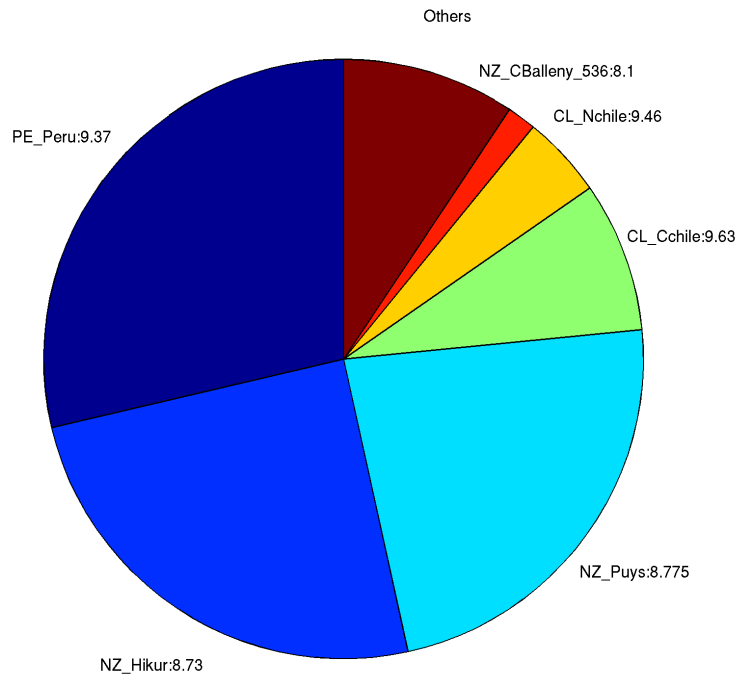
Deaggregation of Zone:186, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.874 m



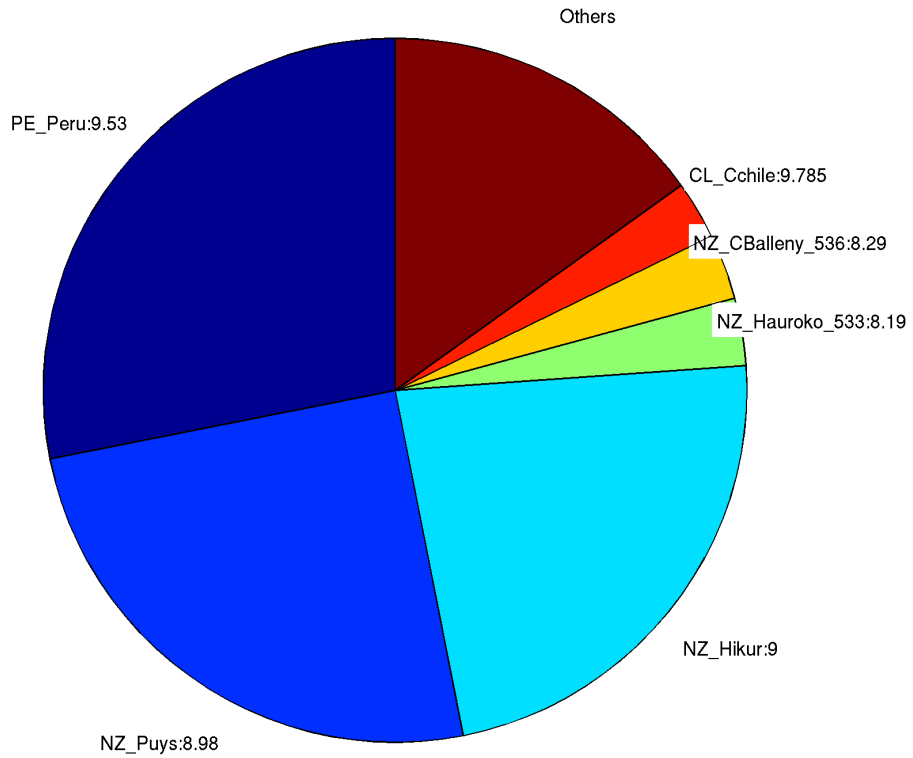
187. *Kopeka Island*



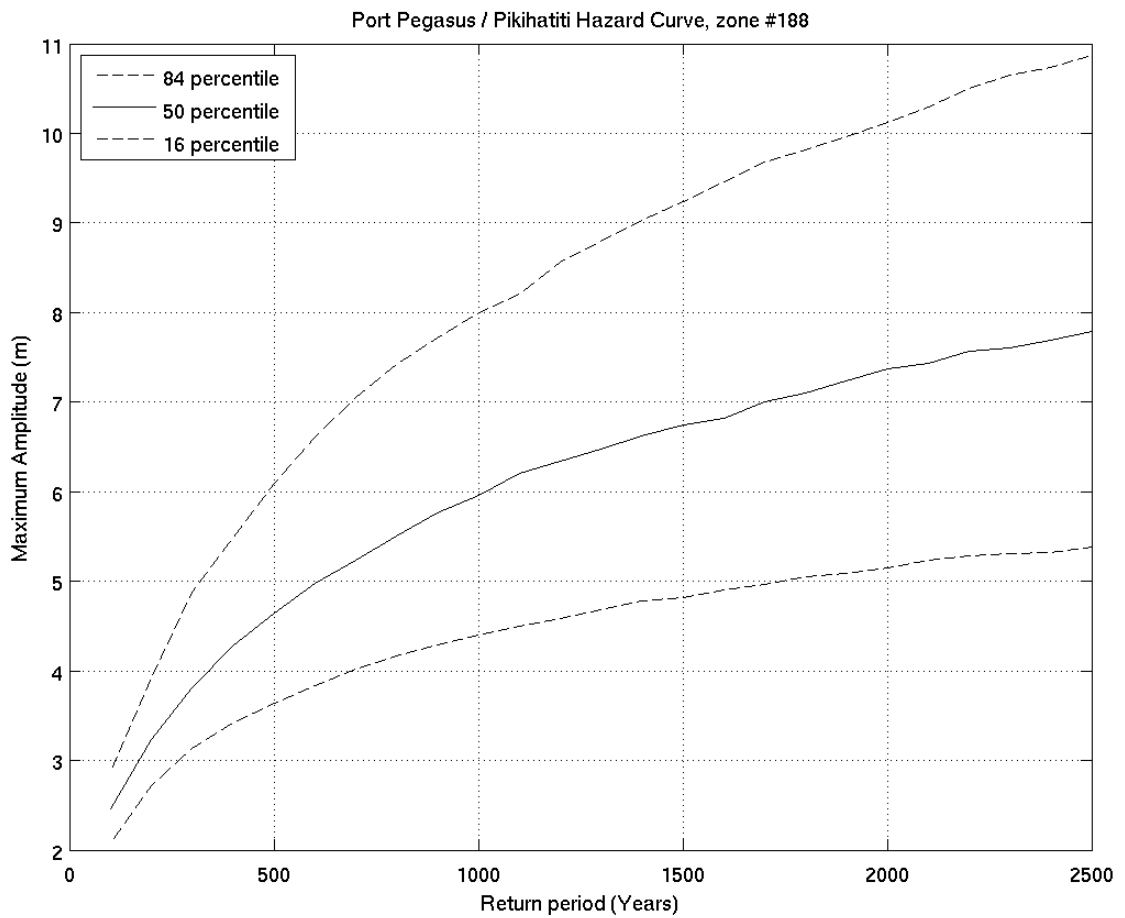
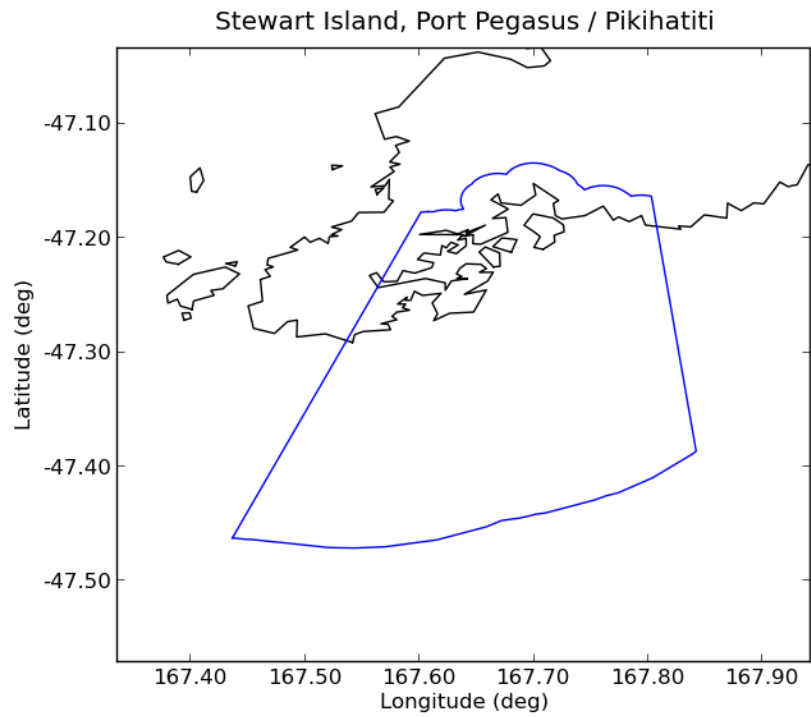
Deaggregation of Zone:187, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.9187 m



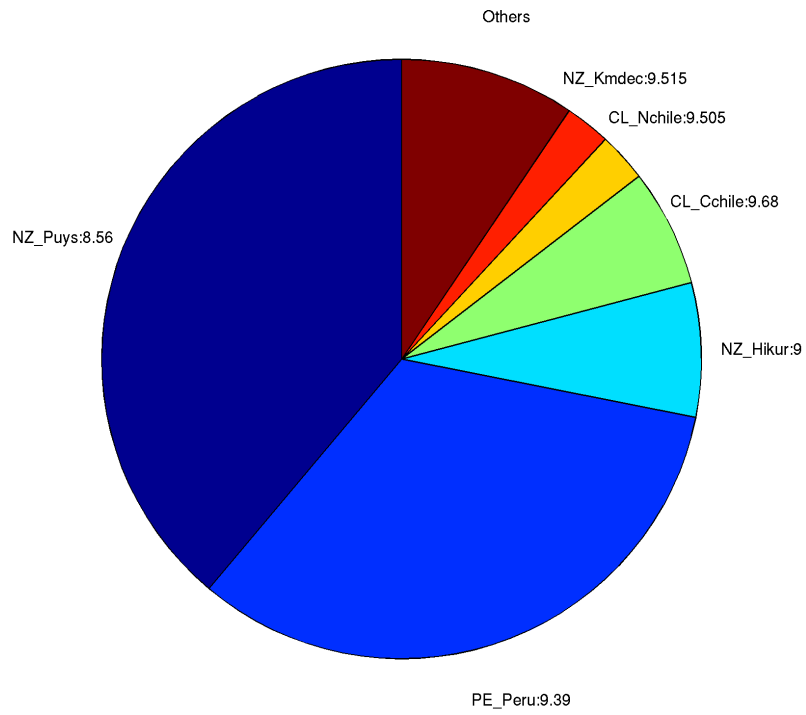
Deaggregation of Zone:187, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5179 m



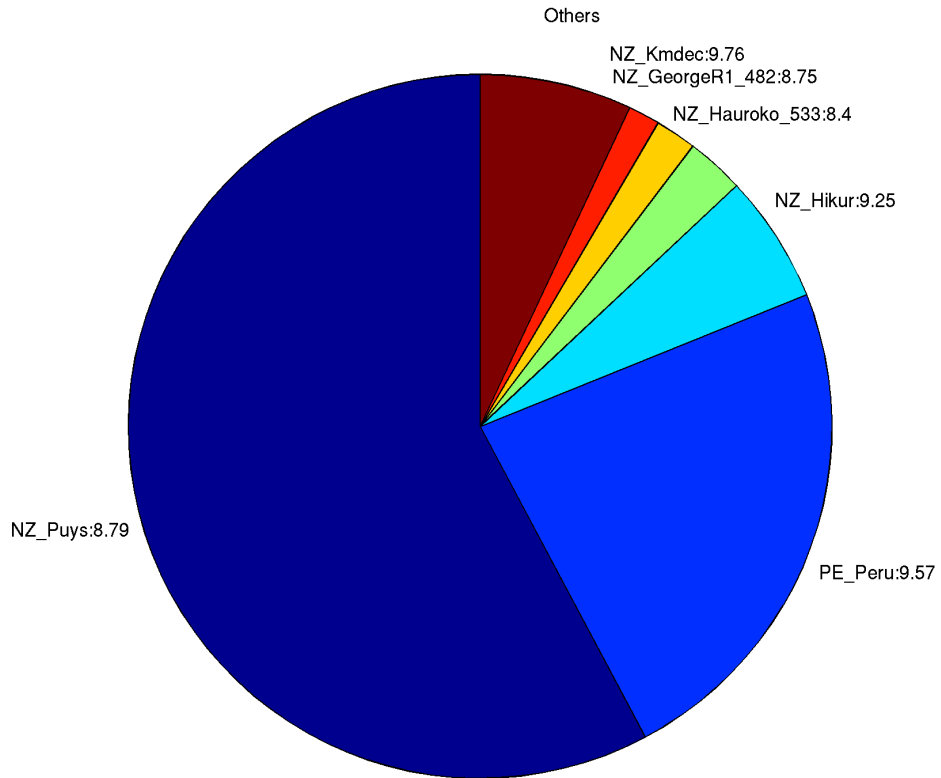
188. *Port Pegasus / Pikihatiti*



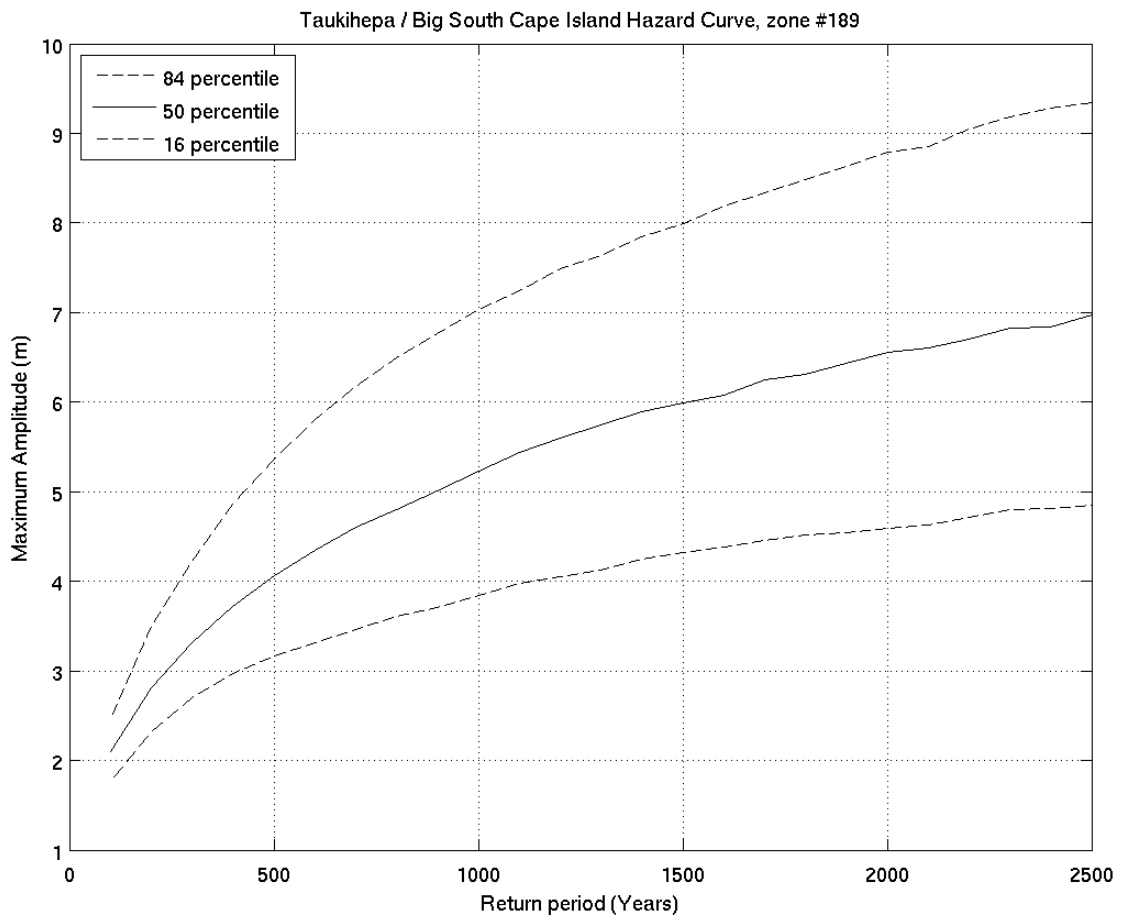
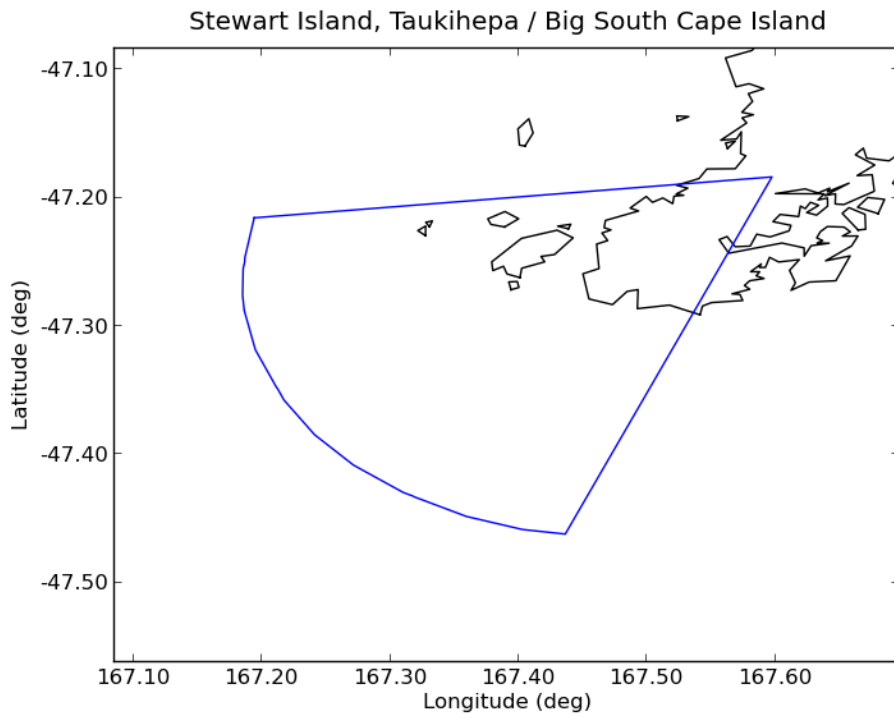
Deaggregation of Zone:188, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6219 m



Deaggregation of Zone:188, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7848 m

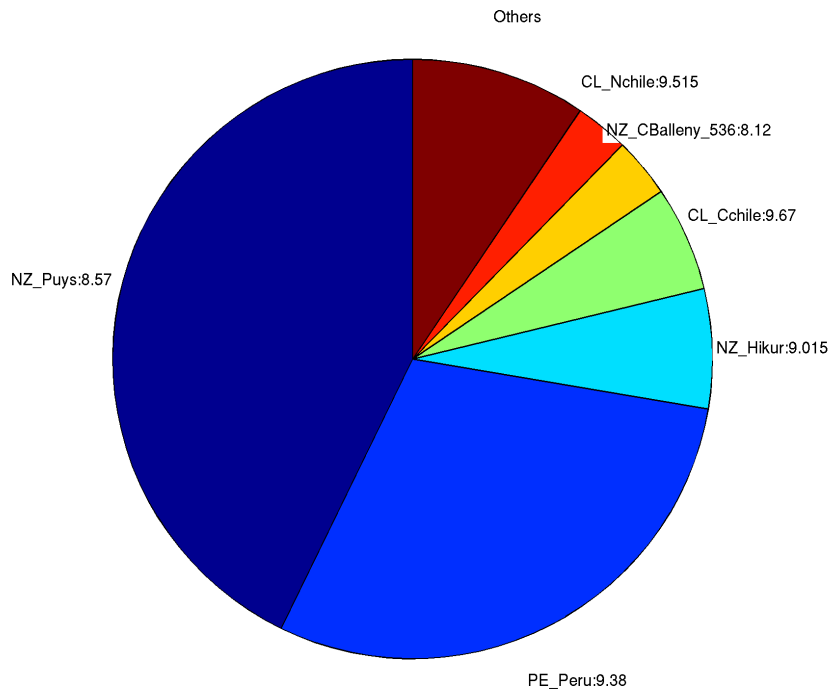


### 189. *Taukihepa / Big South Cape Island*

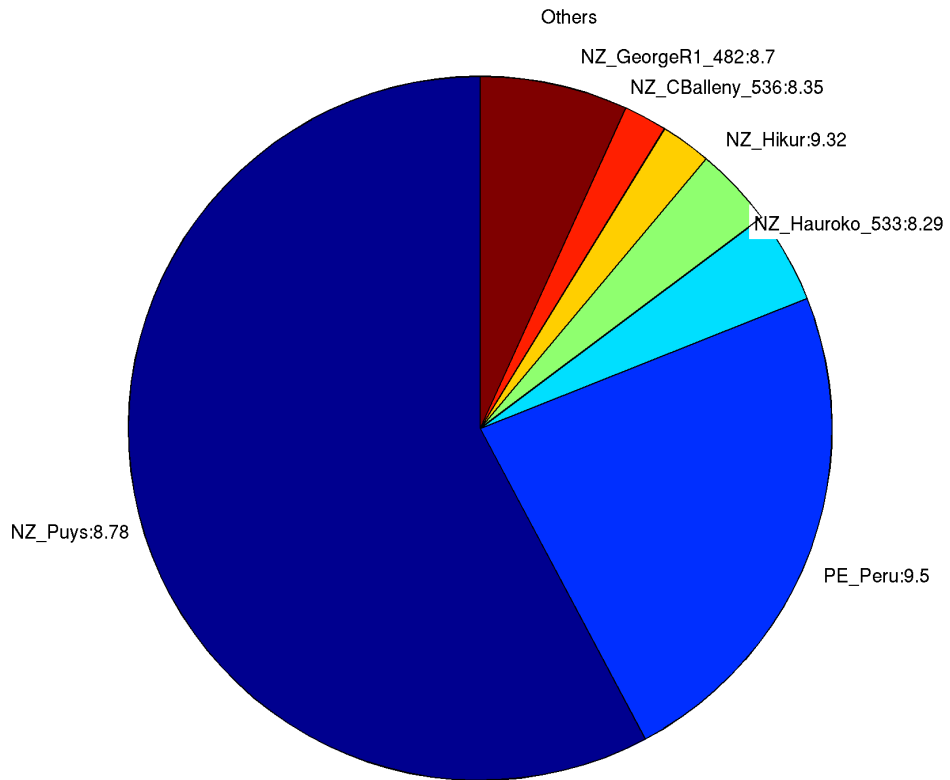




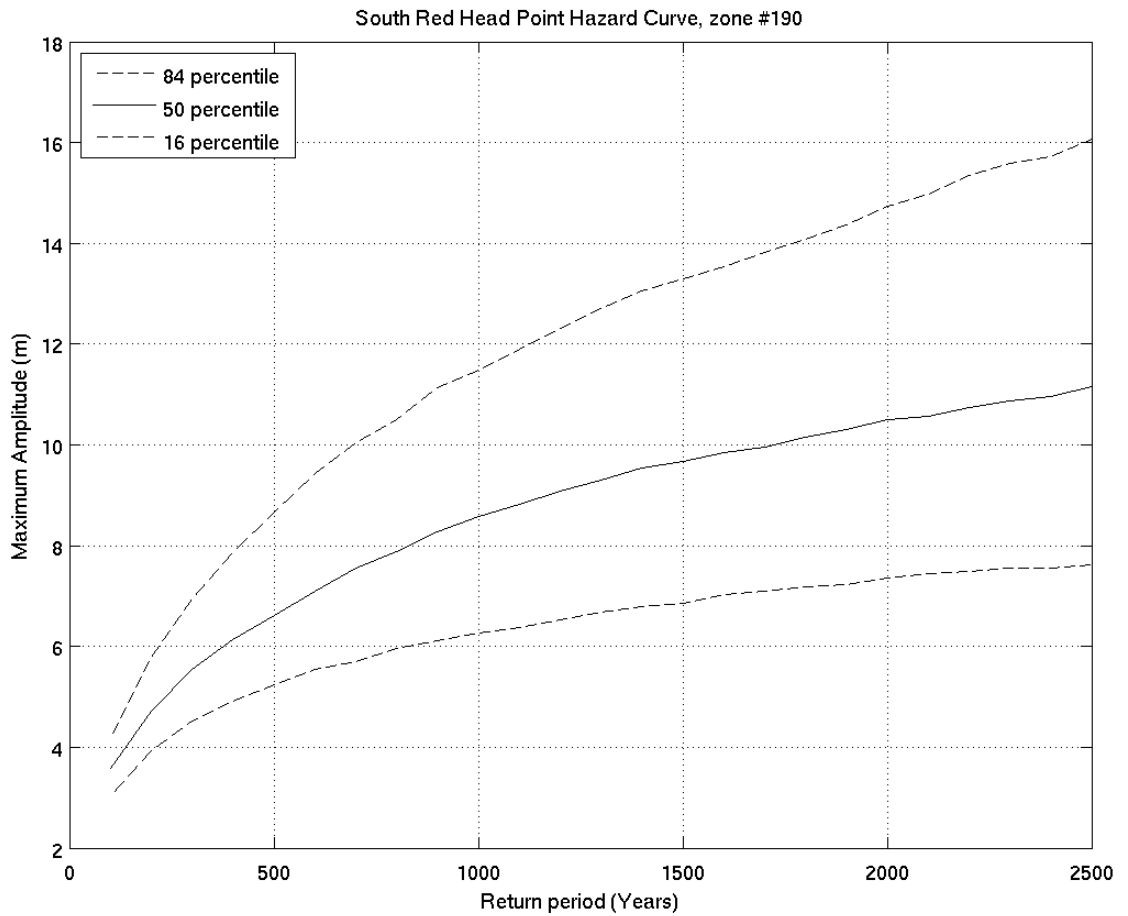
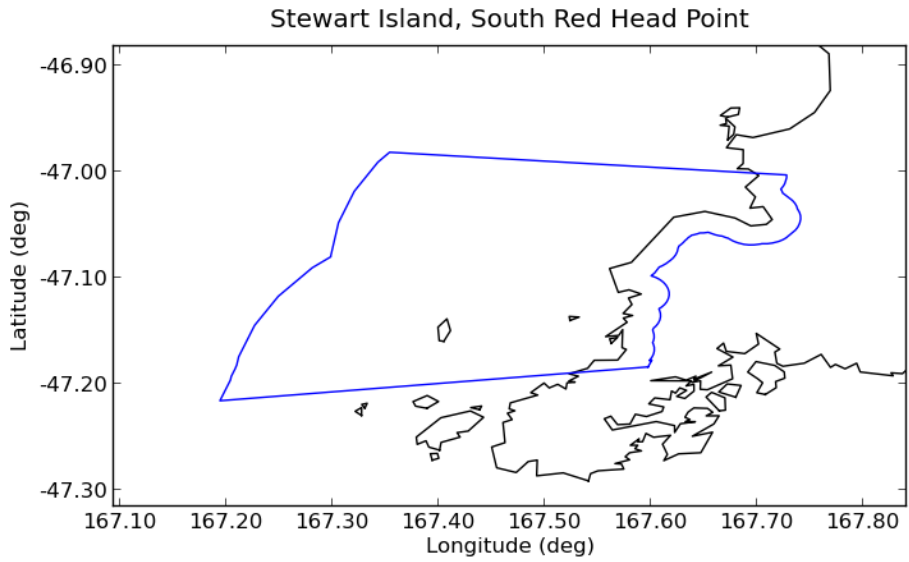
Deaggregation of Zone:189, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0544 m



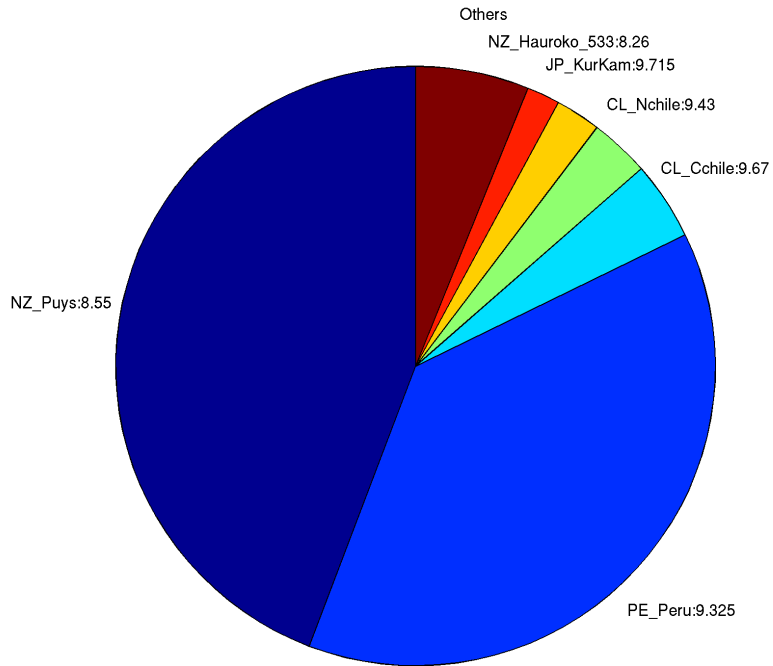
Deaggregation of Zone:189, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9426 m



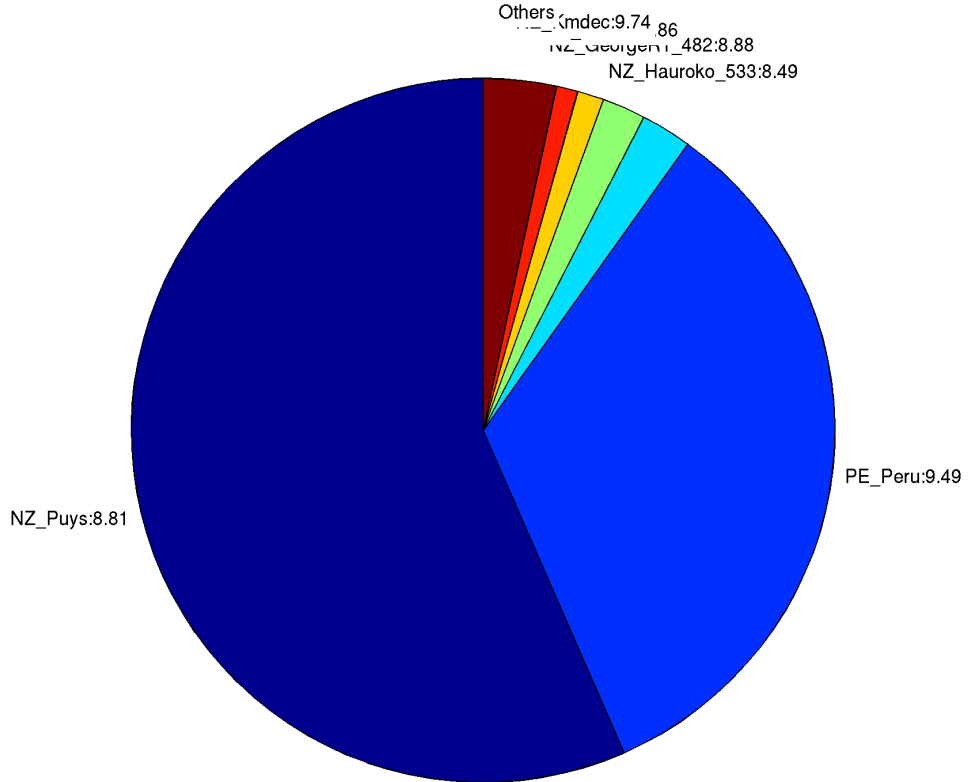
190. **South Red Head Point**



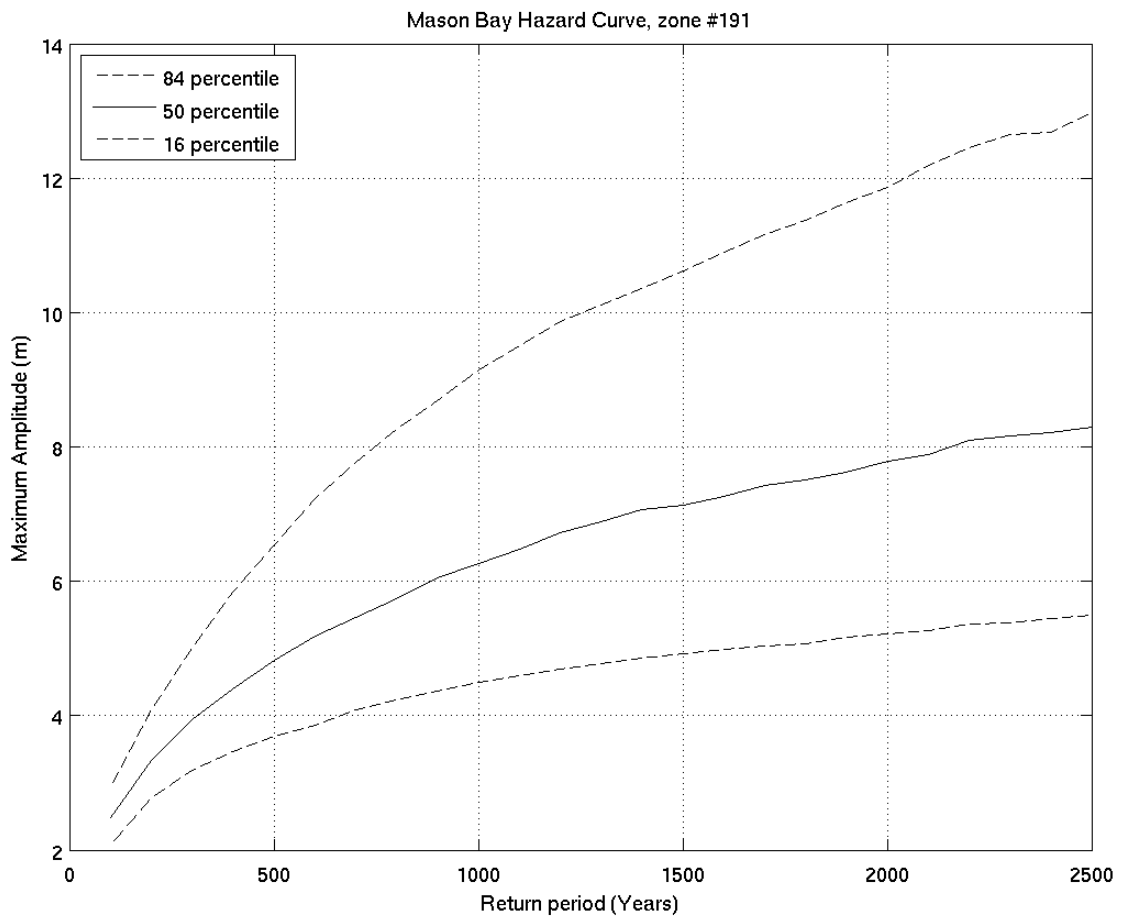
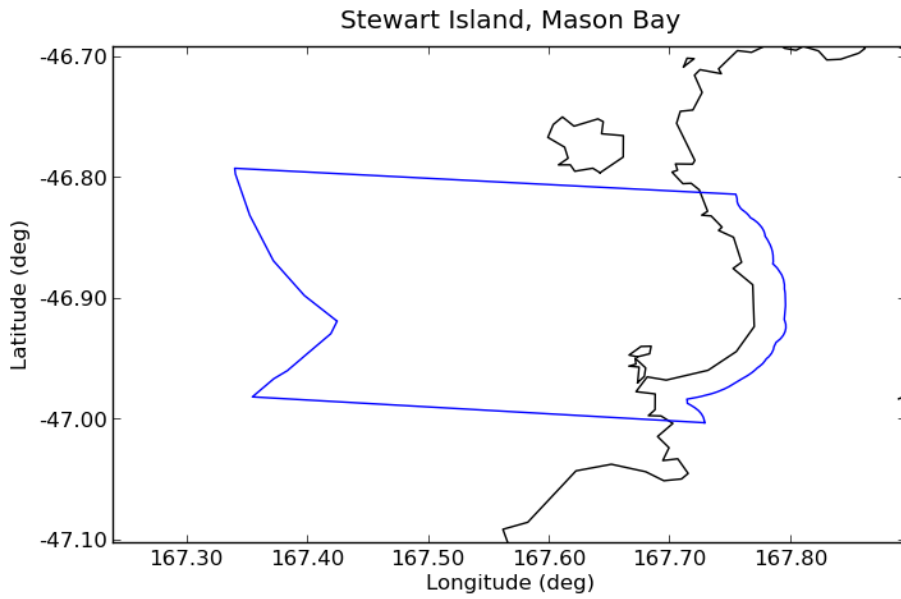
Deaggregation of Zone:190, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6034 m



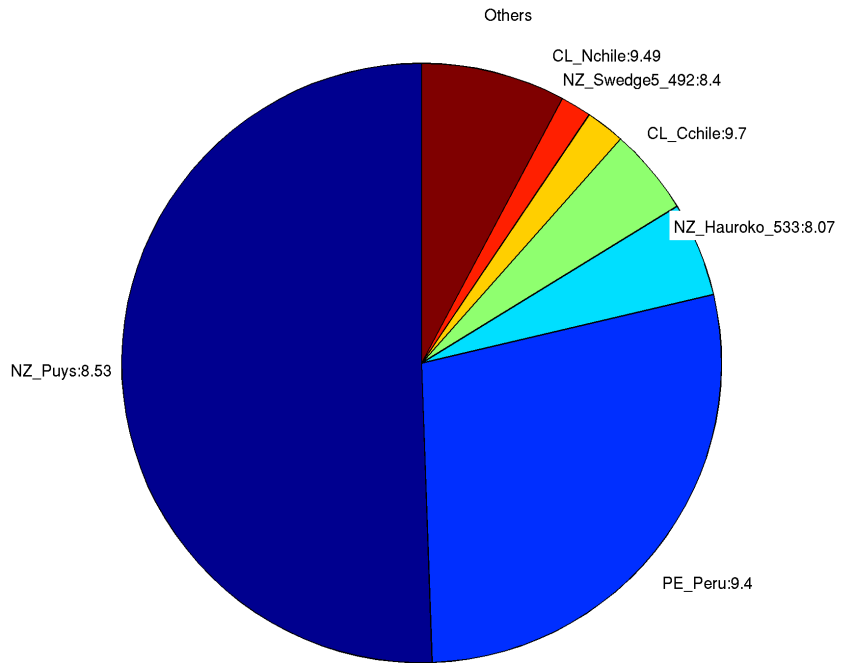
Deaggregation of Zone:190, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.1453 m



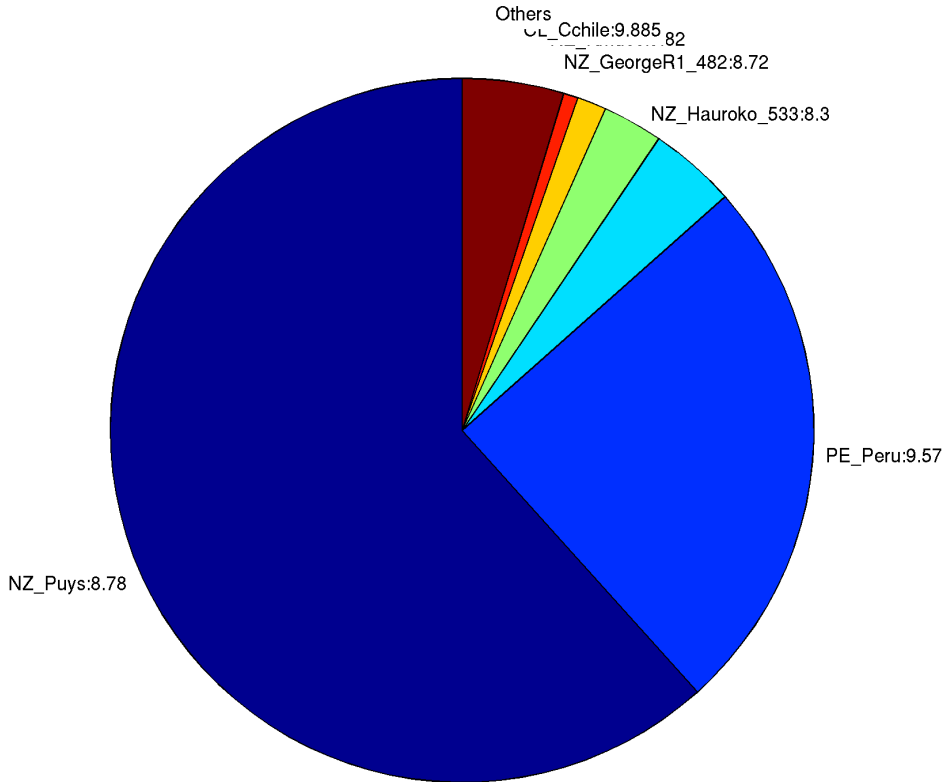
191. *Mason Bay*



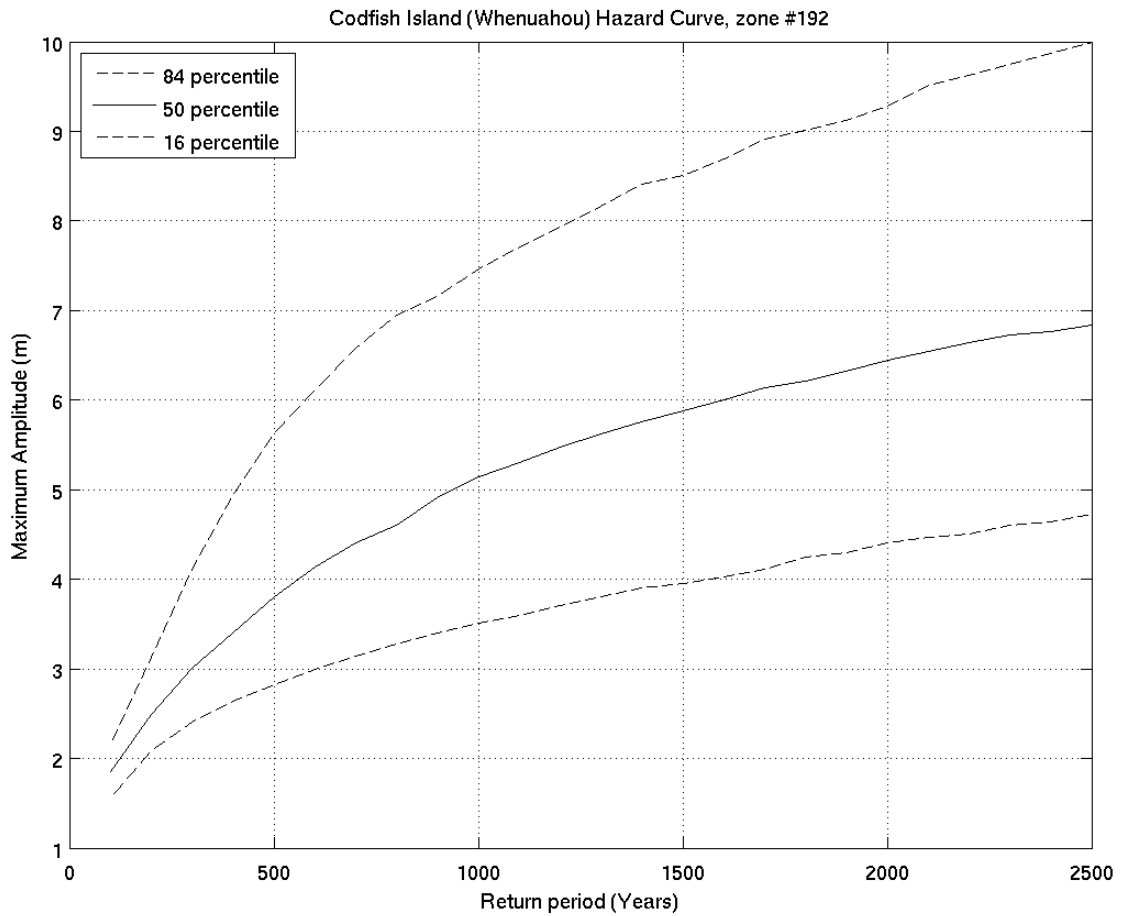
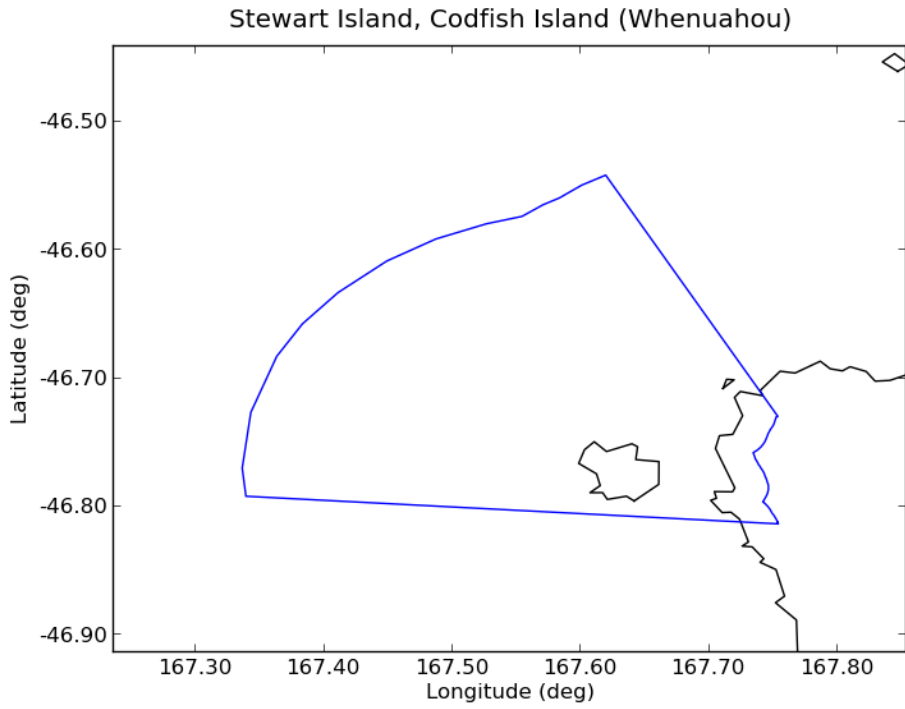
Deaggregation of Zone:191, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.816 m



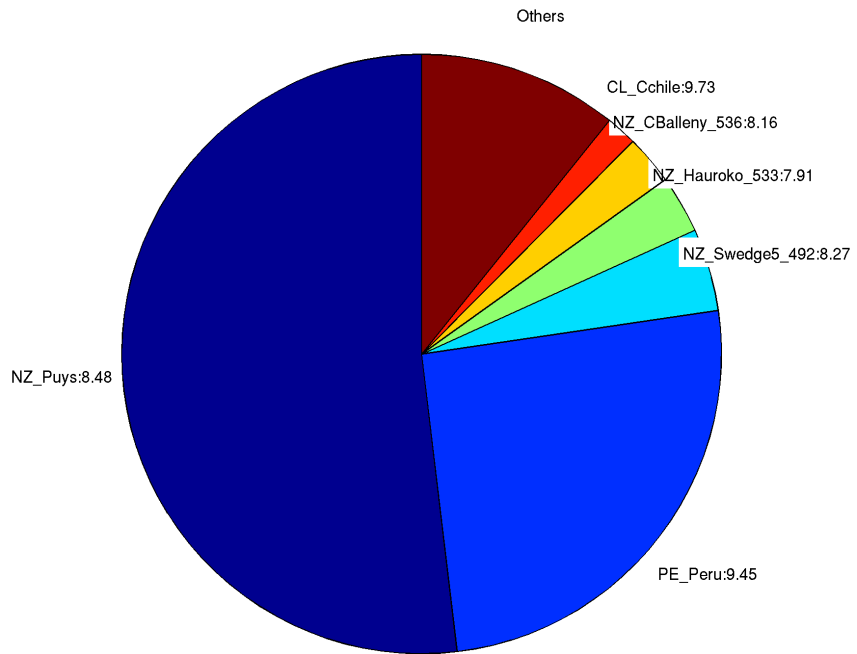
Deaggregation of Zone:191, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.2785 m



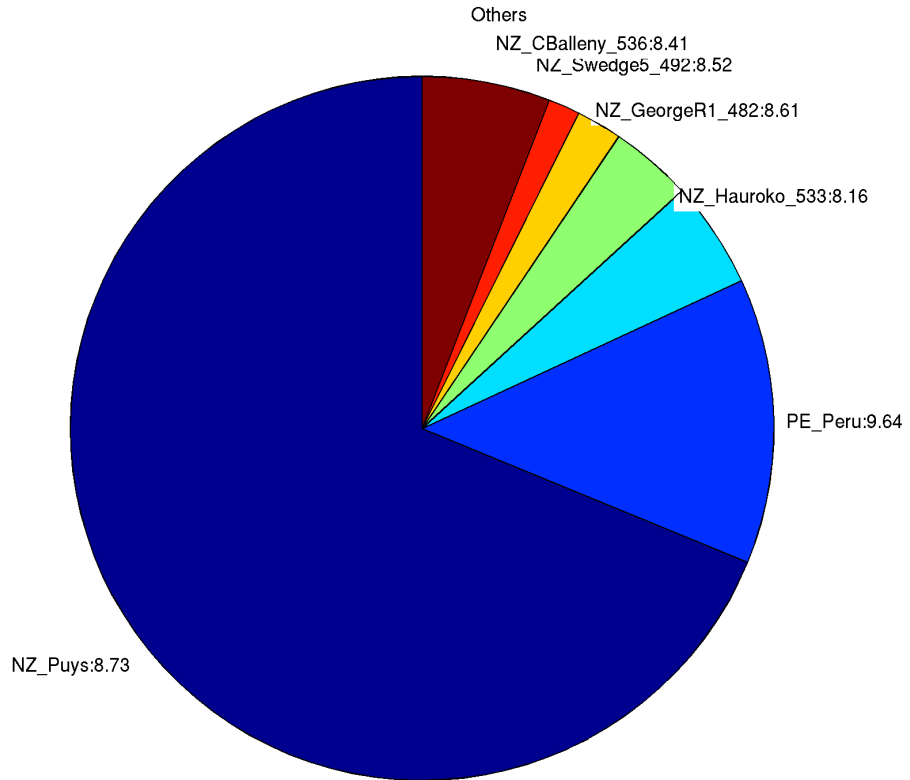
192. **Codfish Island (Whenuahou)**



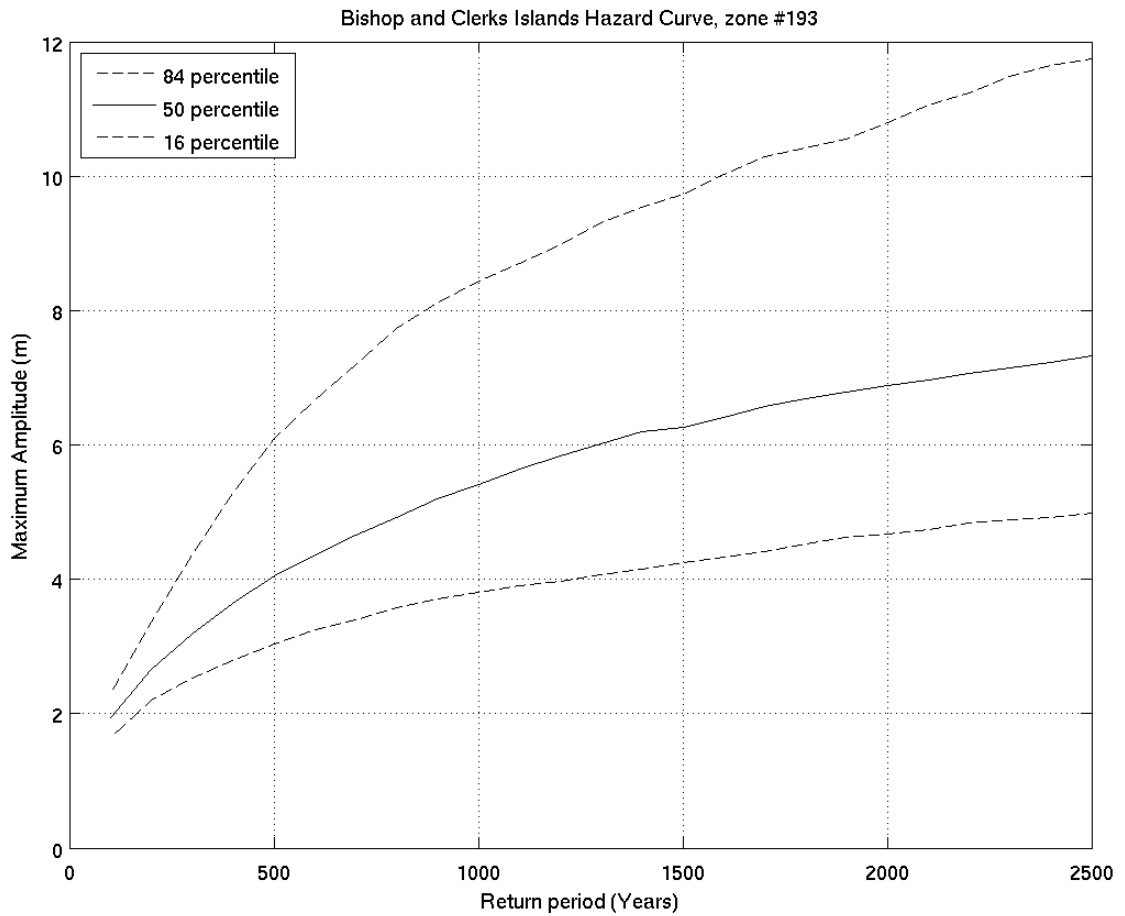
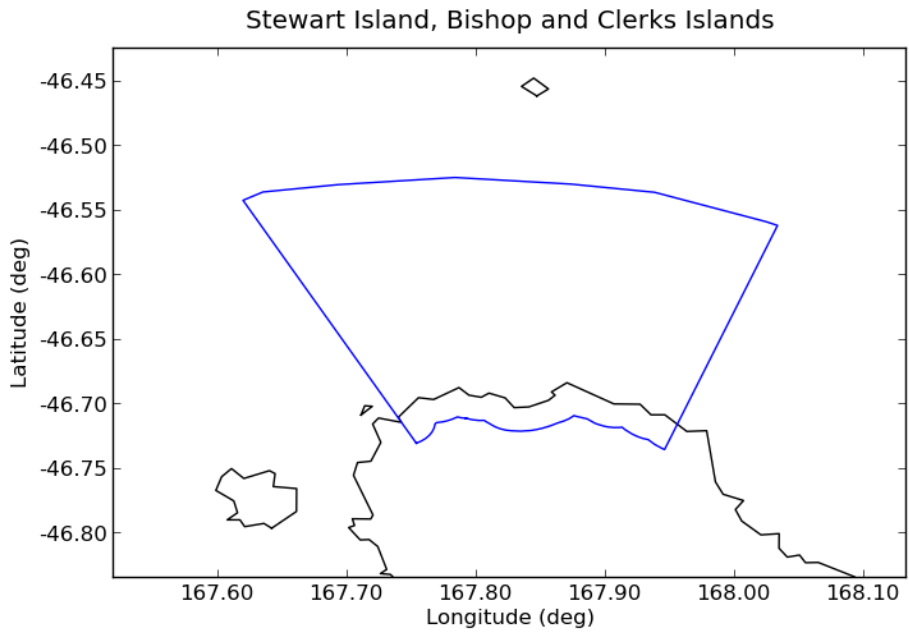
Deaggregation of Zone:192, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8004 m



Deaggregation of Zone:192, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.8385 m

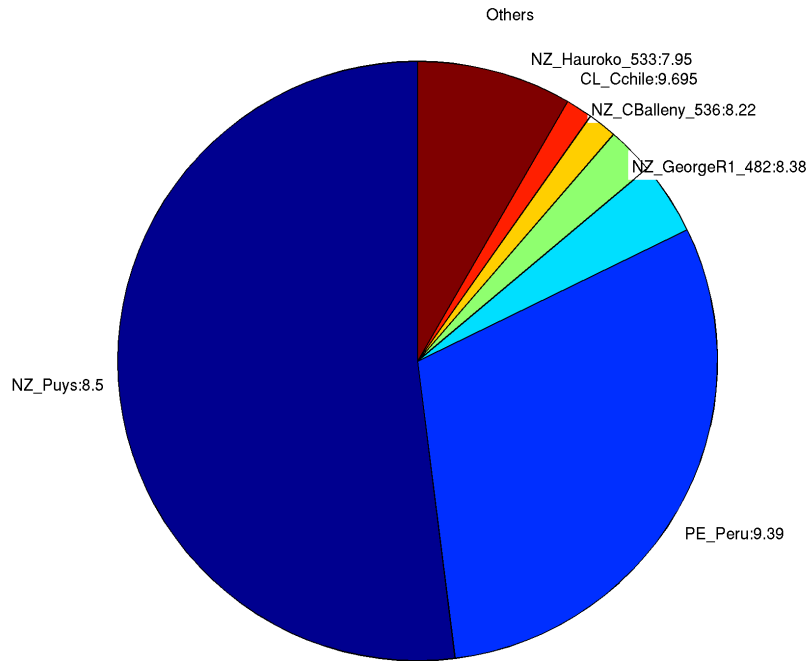


193. *Bishop and Clerks Islands*

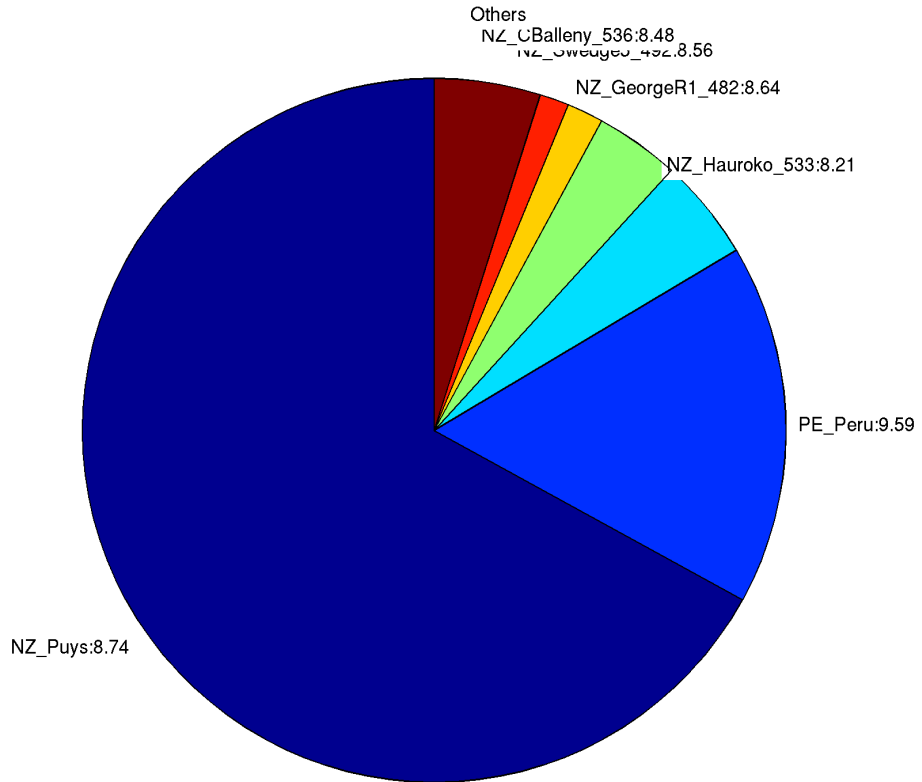




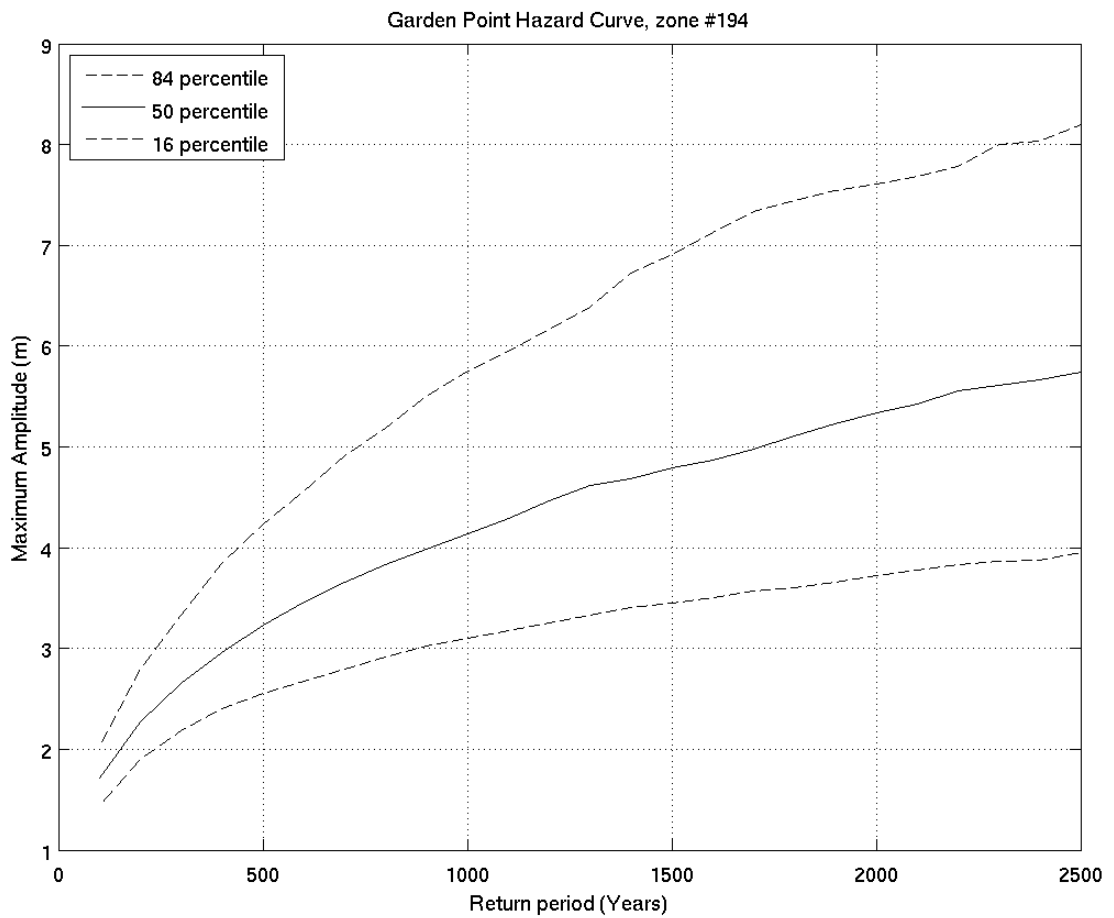
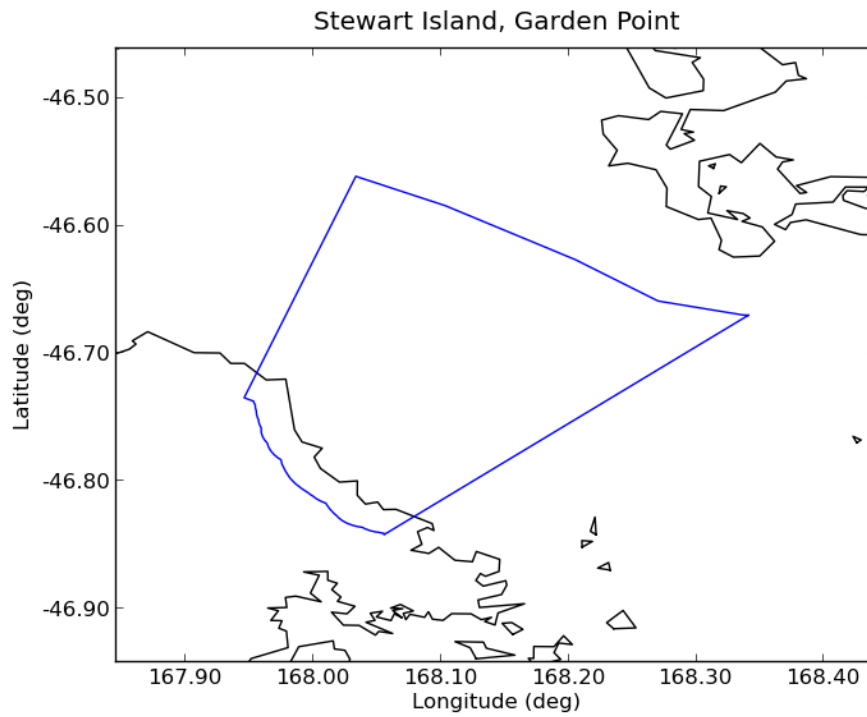
Deaggregation of Zone:193, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0303 m



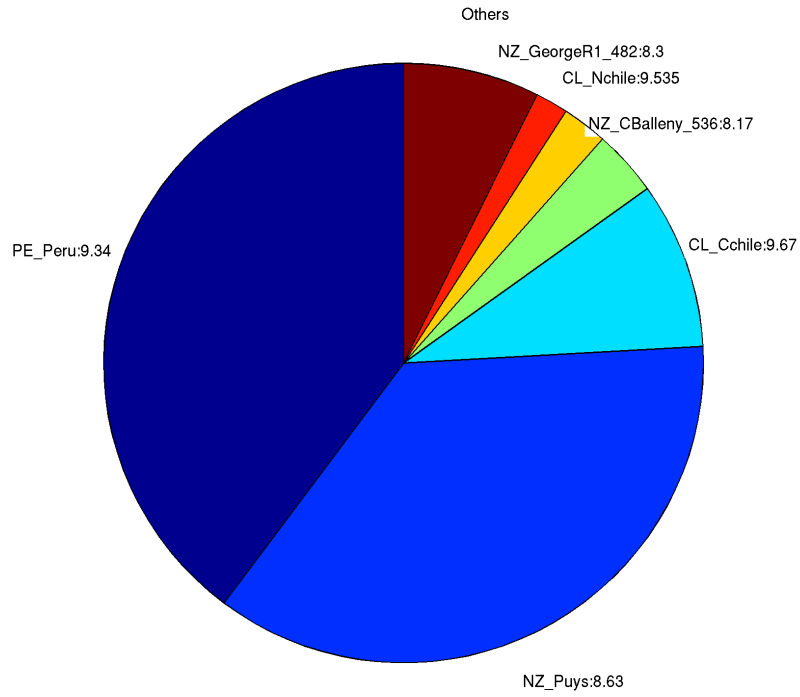
Deaggregation of Zone:193, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3196 m



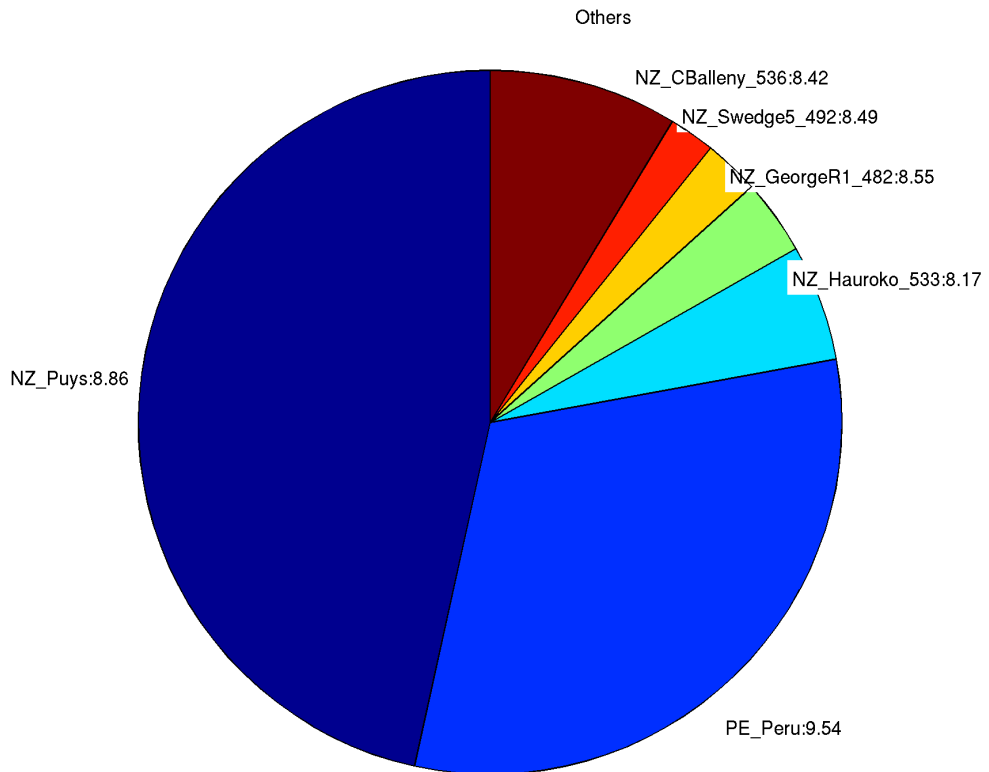
194. **Garden Point**



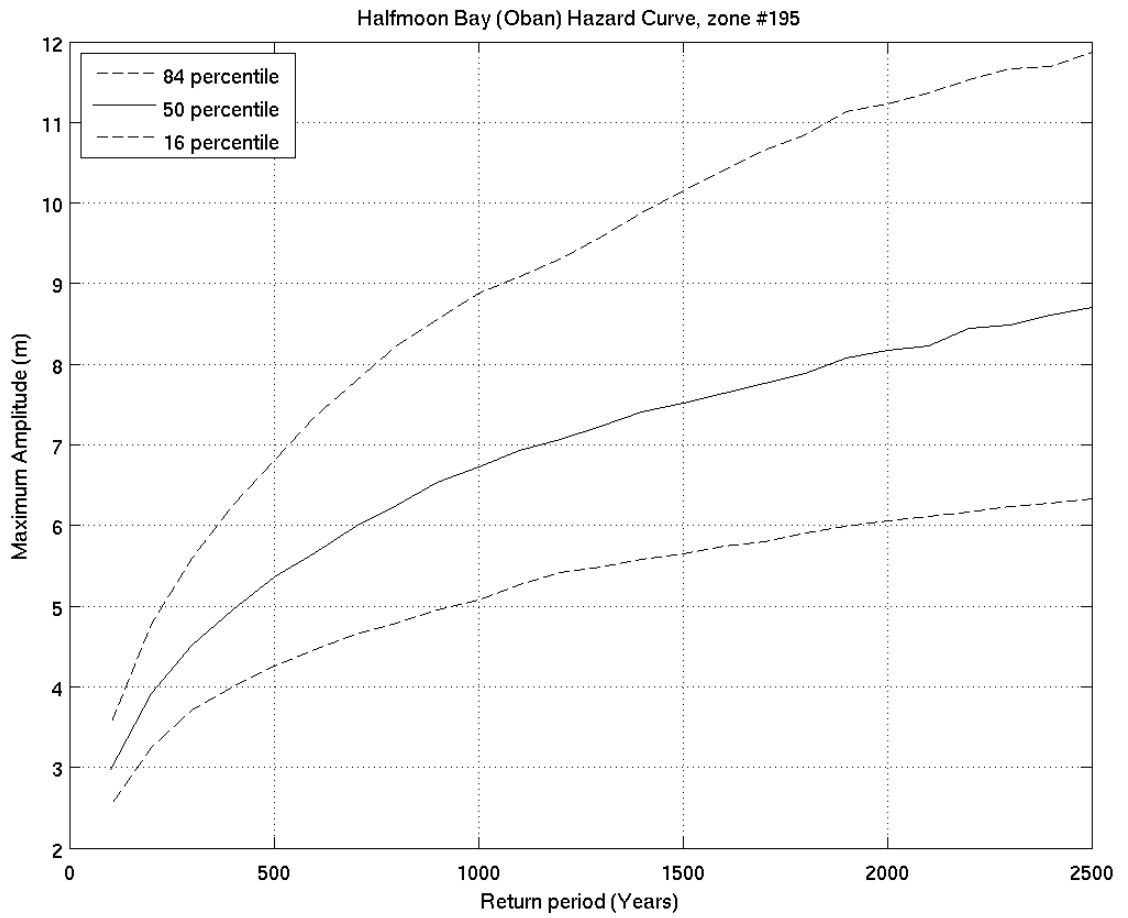
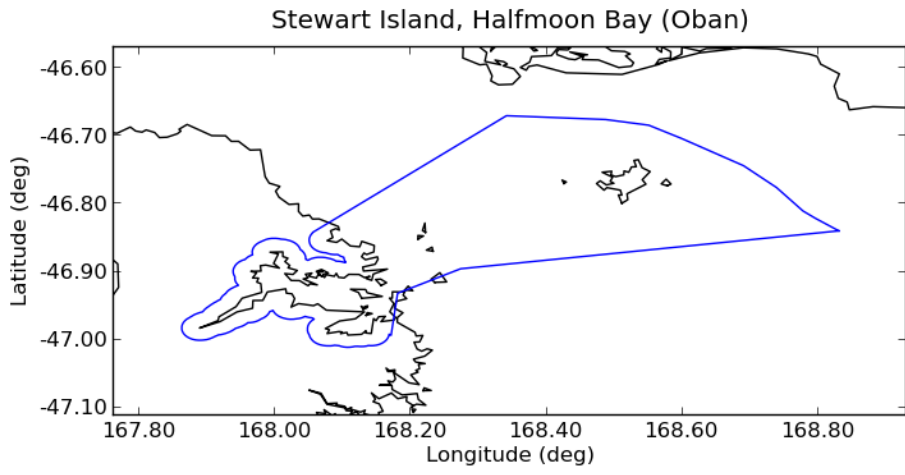
Deaggregation of Zone:194, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.2264 m



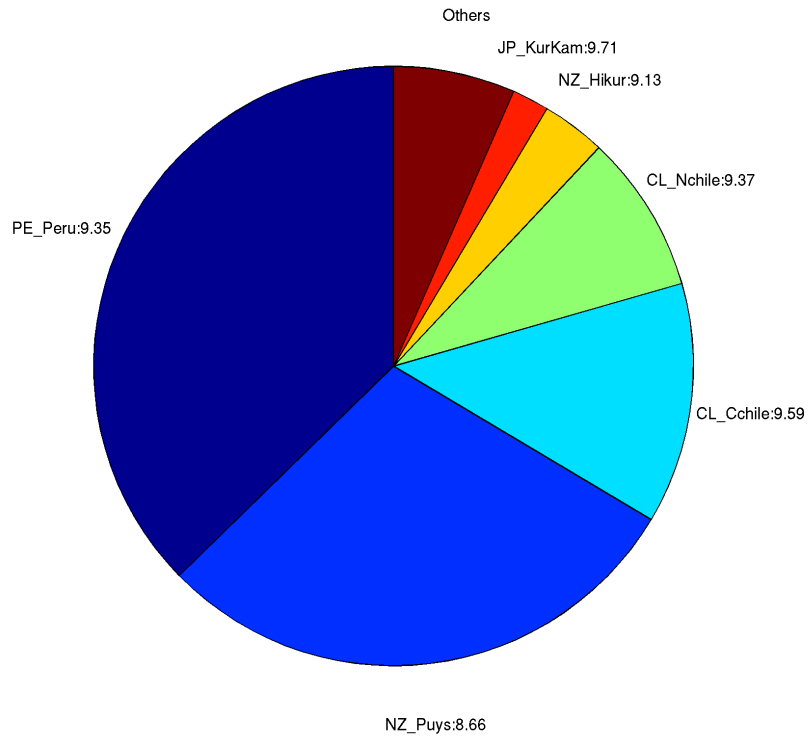
Deaggregation of Zone:194, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7329 m



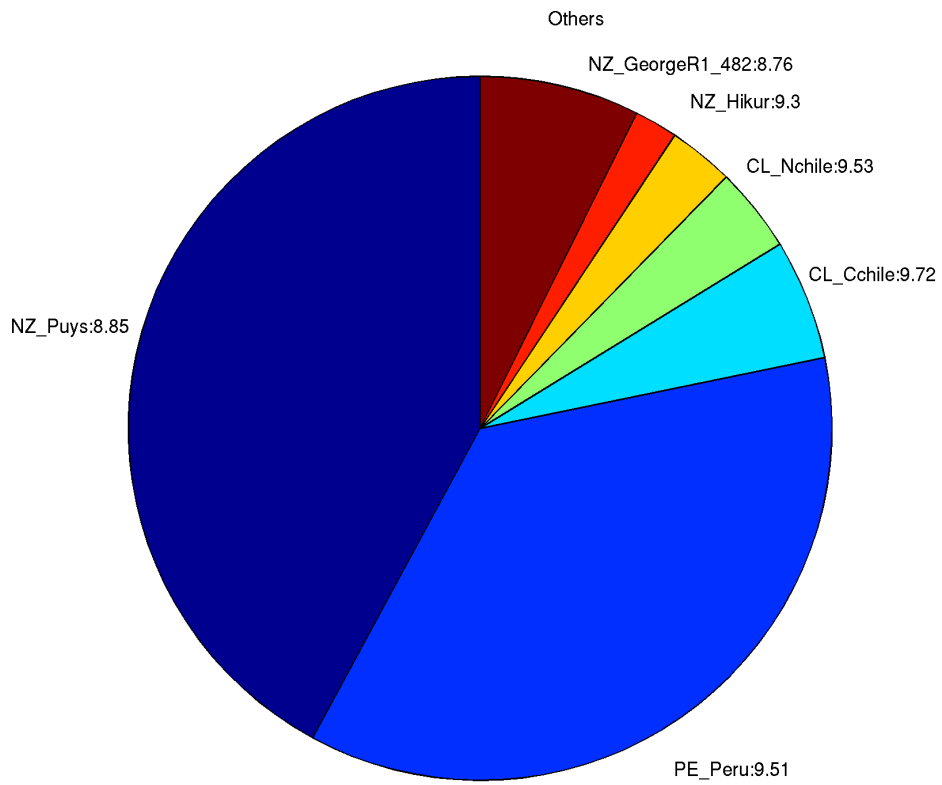
195. **Halfmoon Bay (Oban)**



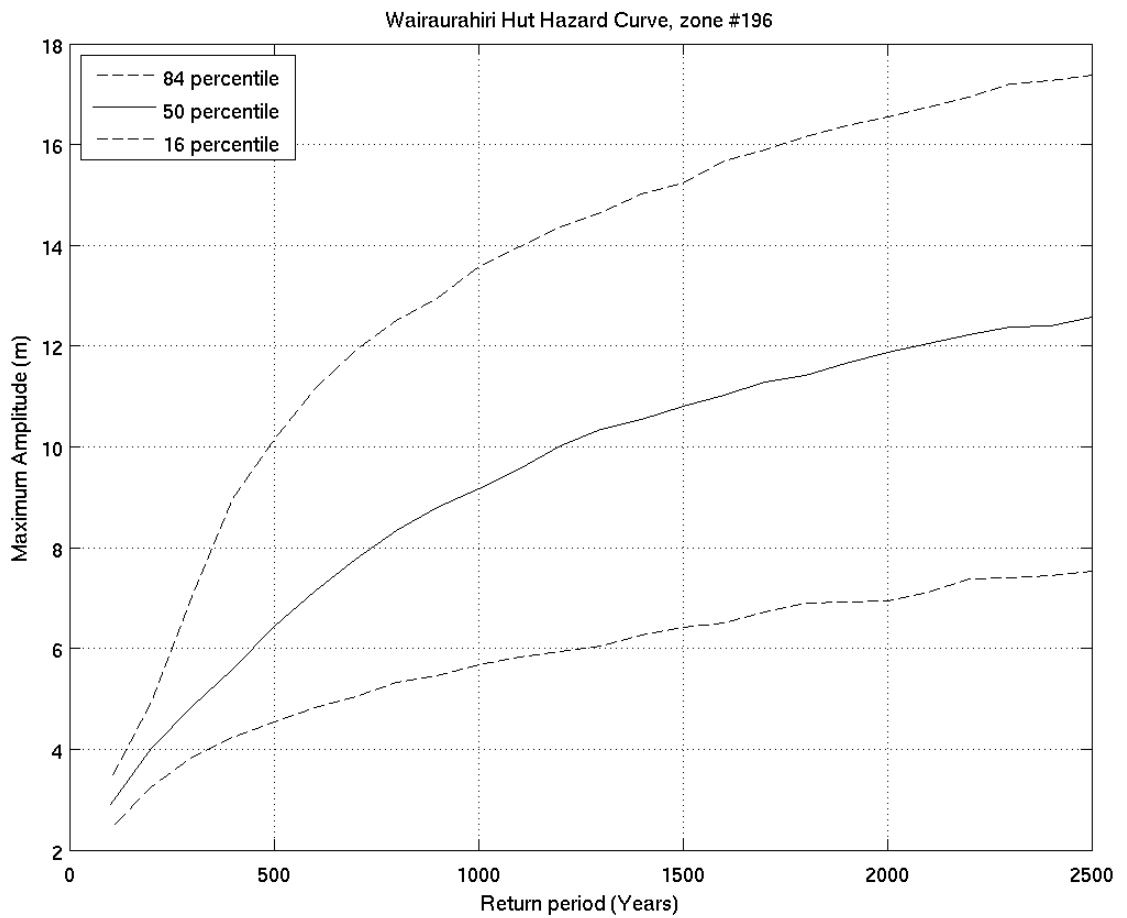
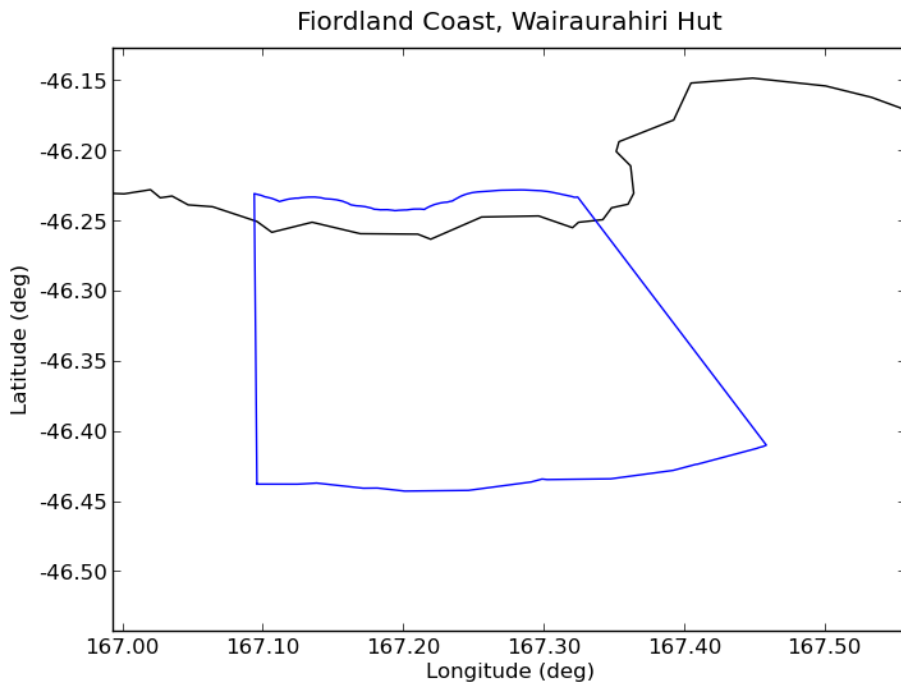
Deaggregation of Zone:195, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3561 m



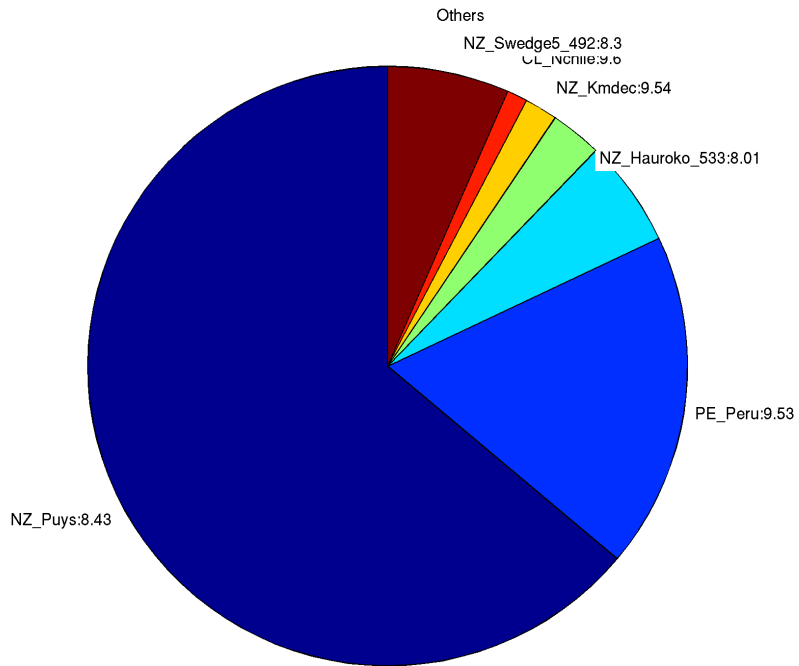
Deaggregation of Zone:195, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.634 m



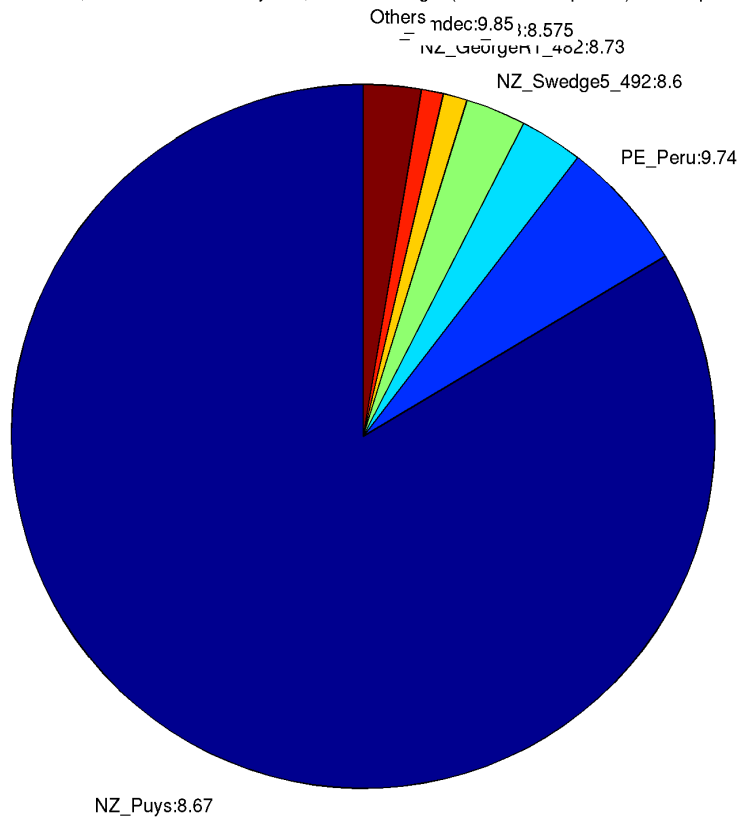
## 196. *Wairaurahiri Hut*



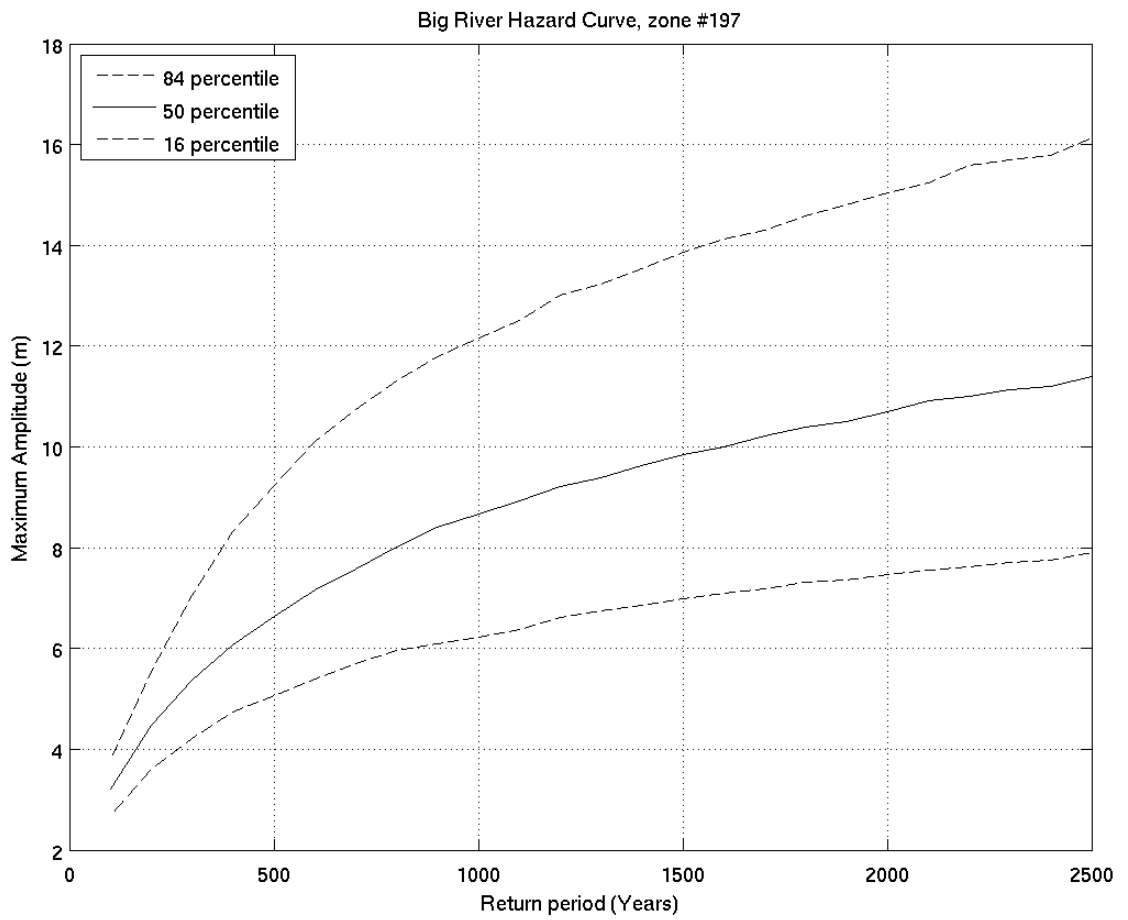
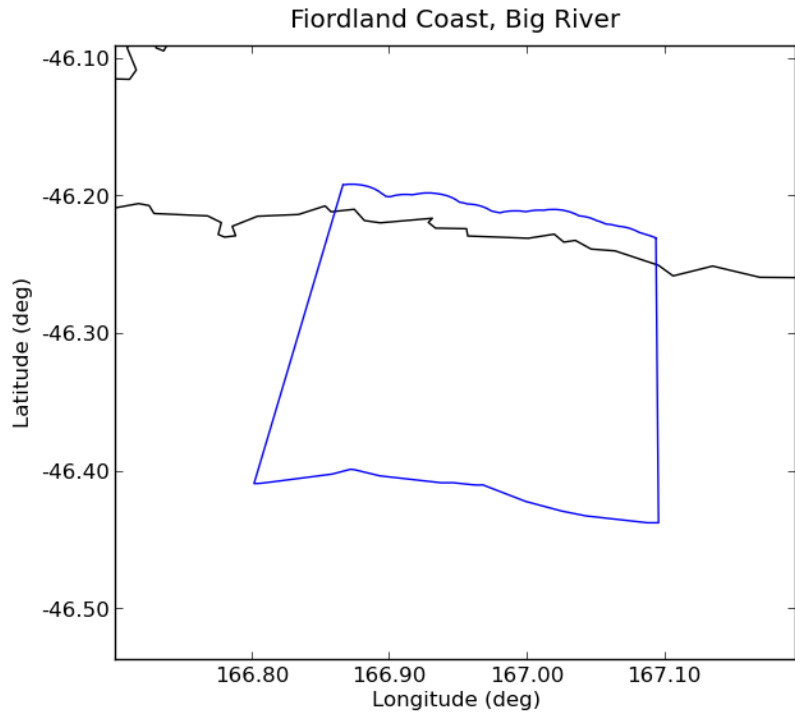
Deaggregation of Zone:196, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.4207 m



Deaggregation of Zone:196, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.5019 m

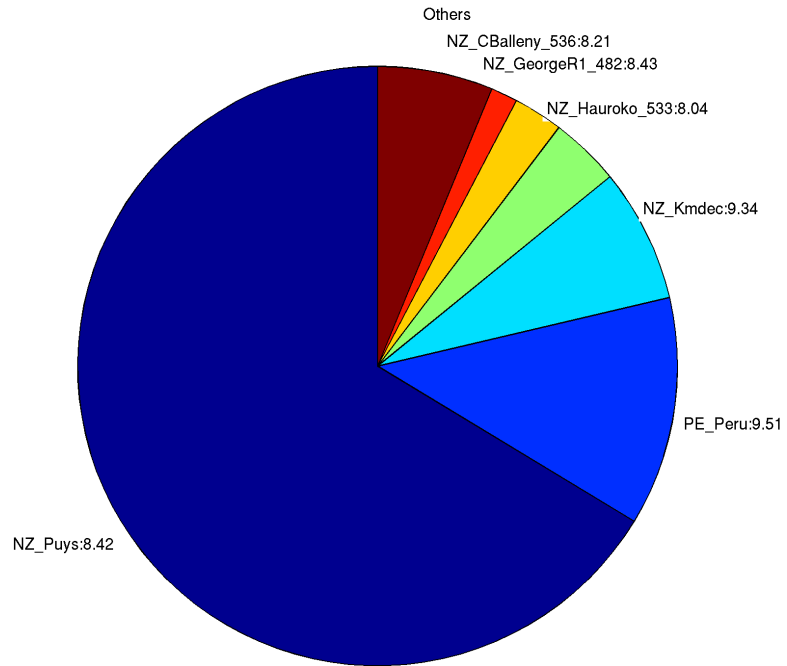


197. **Big River**

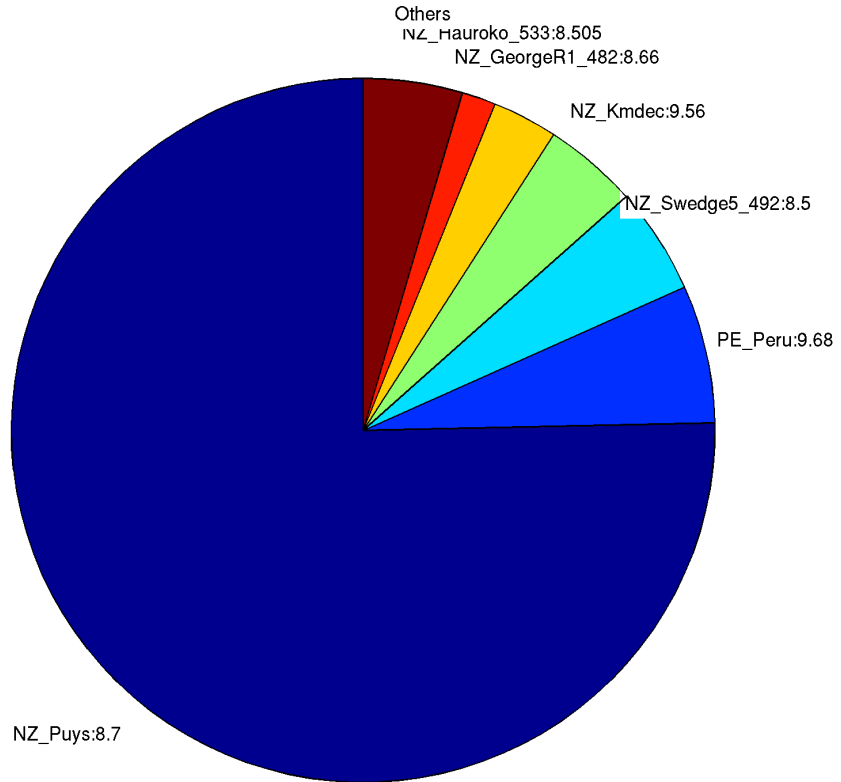




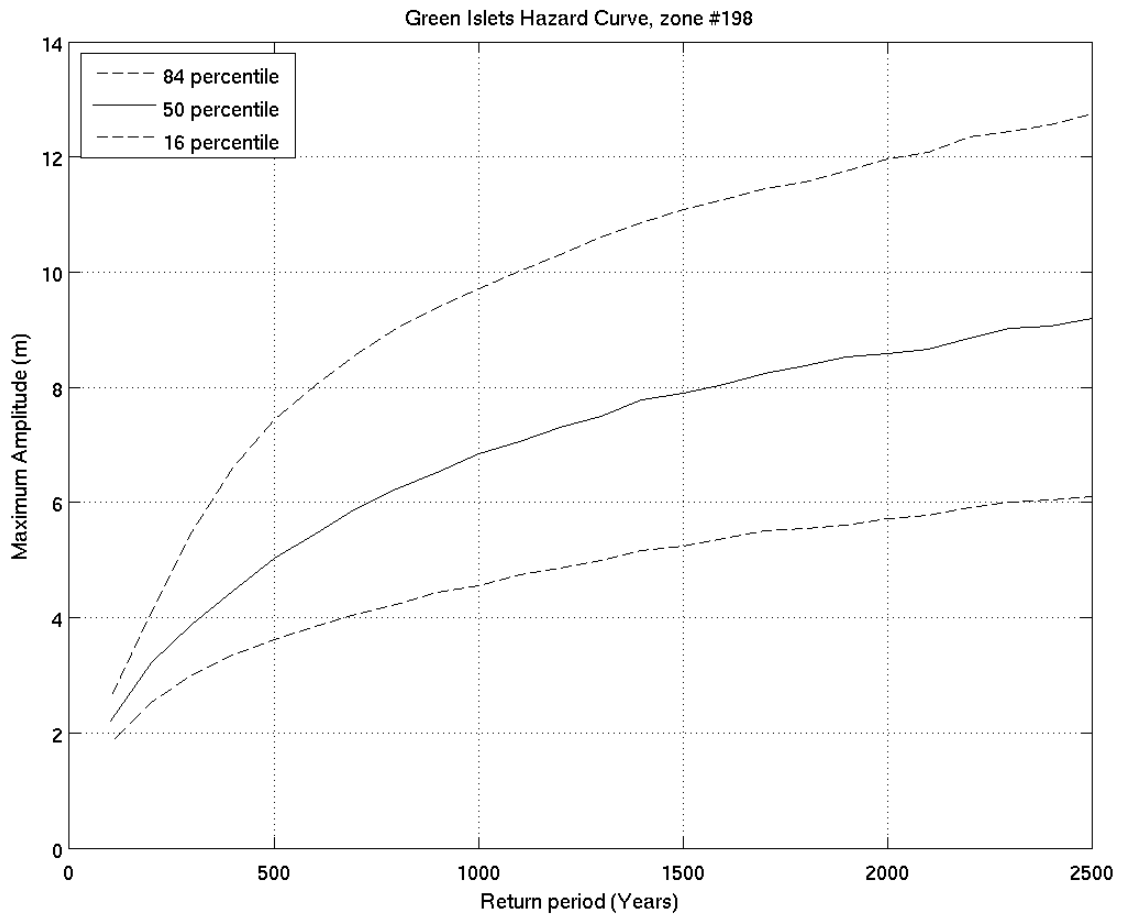
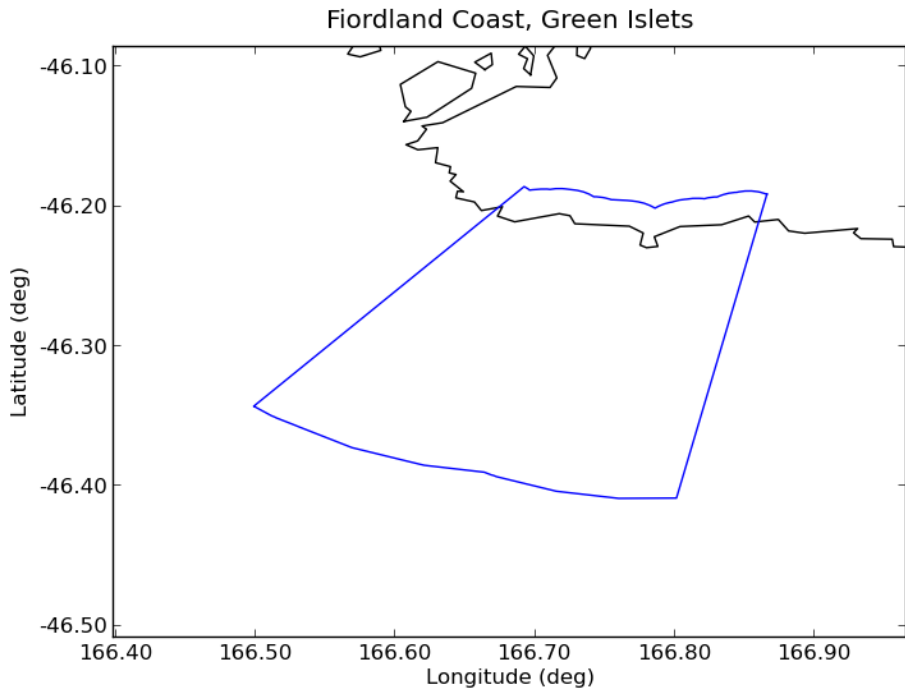
Deaggregation of Zone:197, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6299 m



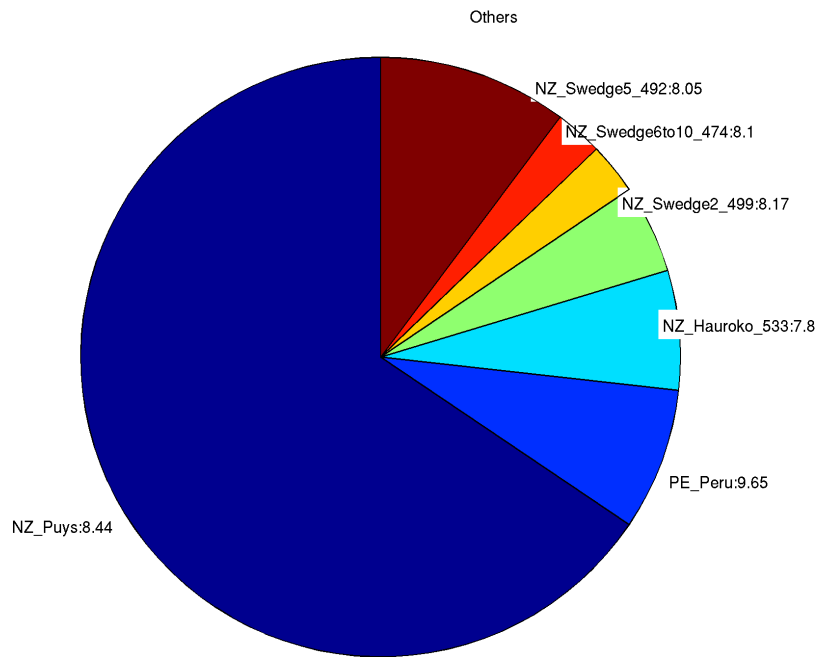
Deaggregation of Zone:197, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.3186 m



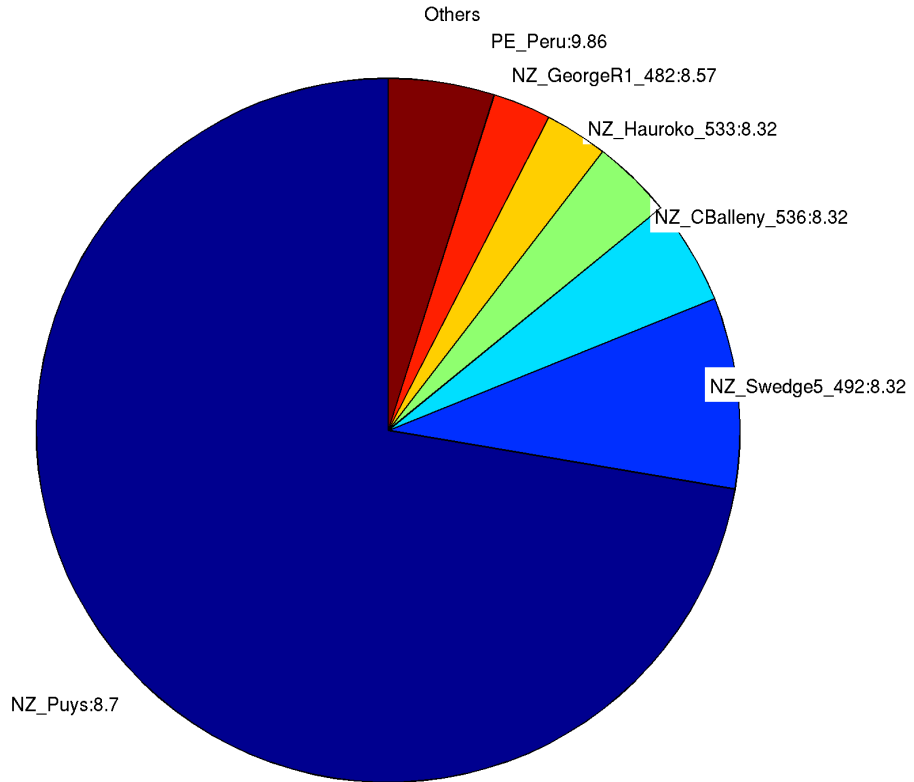
198. **Green Islets**



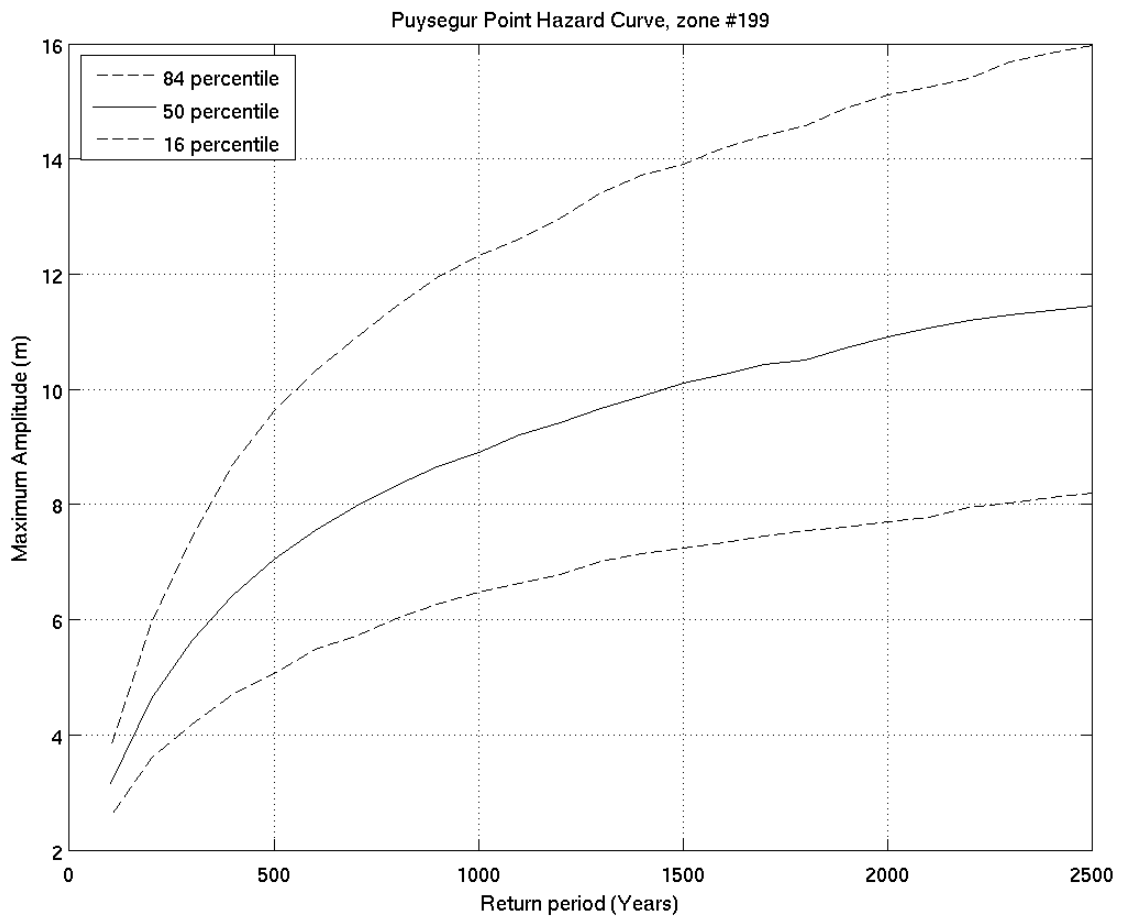
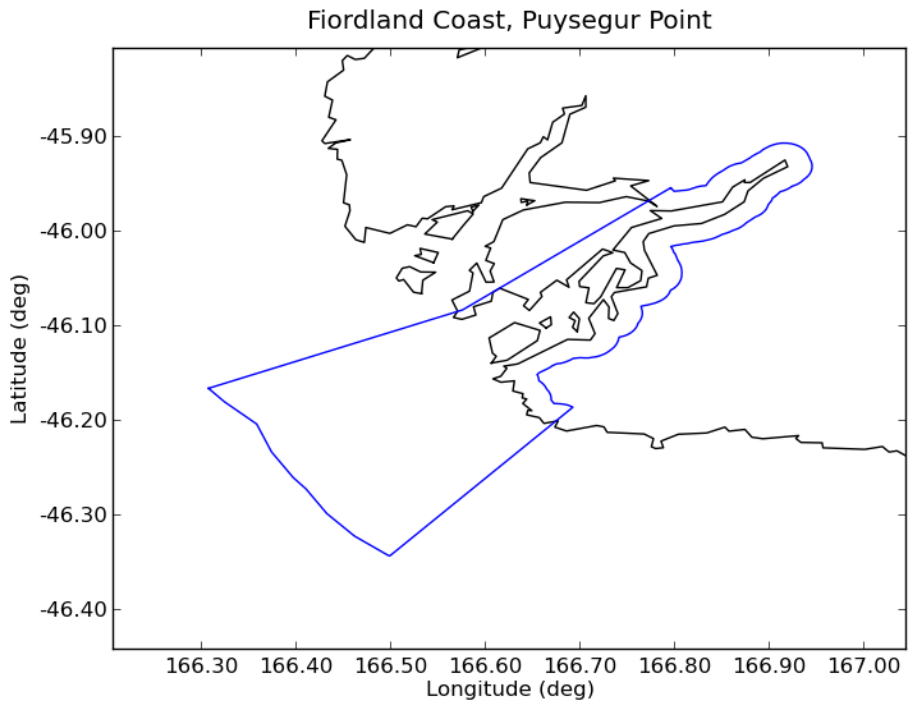
Deaggregation of Zone:198, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.025 m



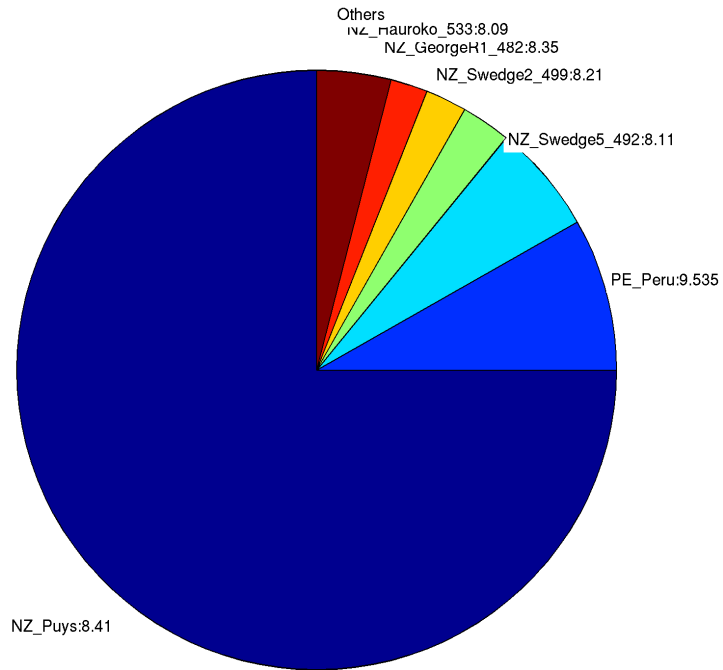
Deaggregation of Zone:198, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.1831 m



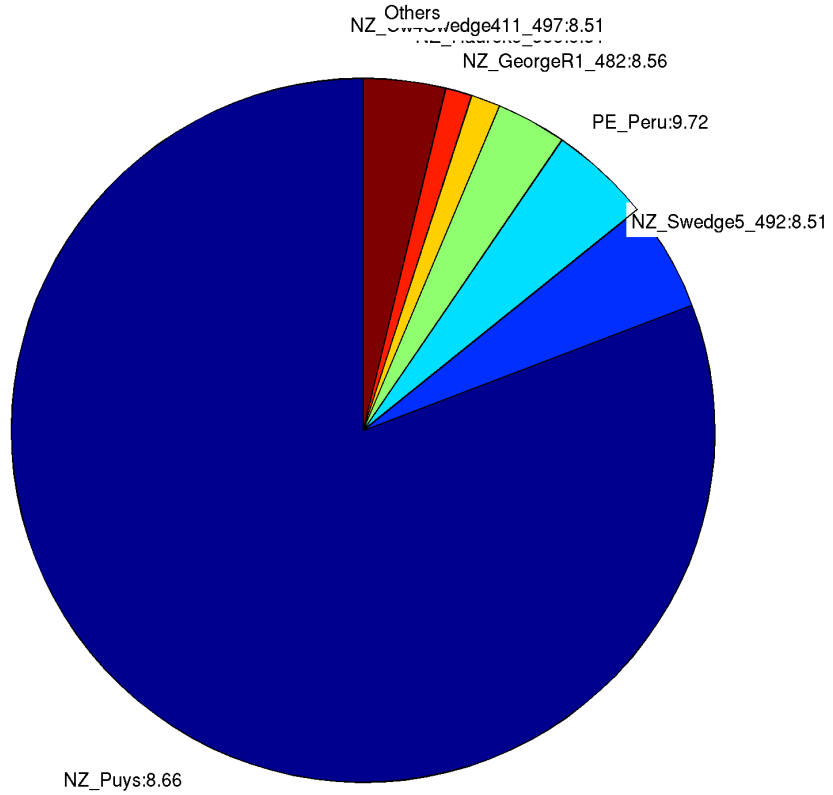
### 199. *Puysegur Point*



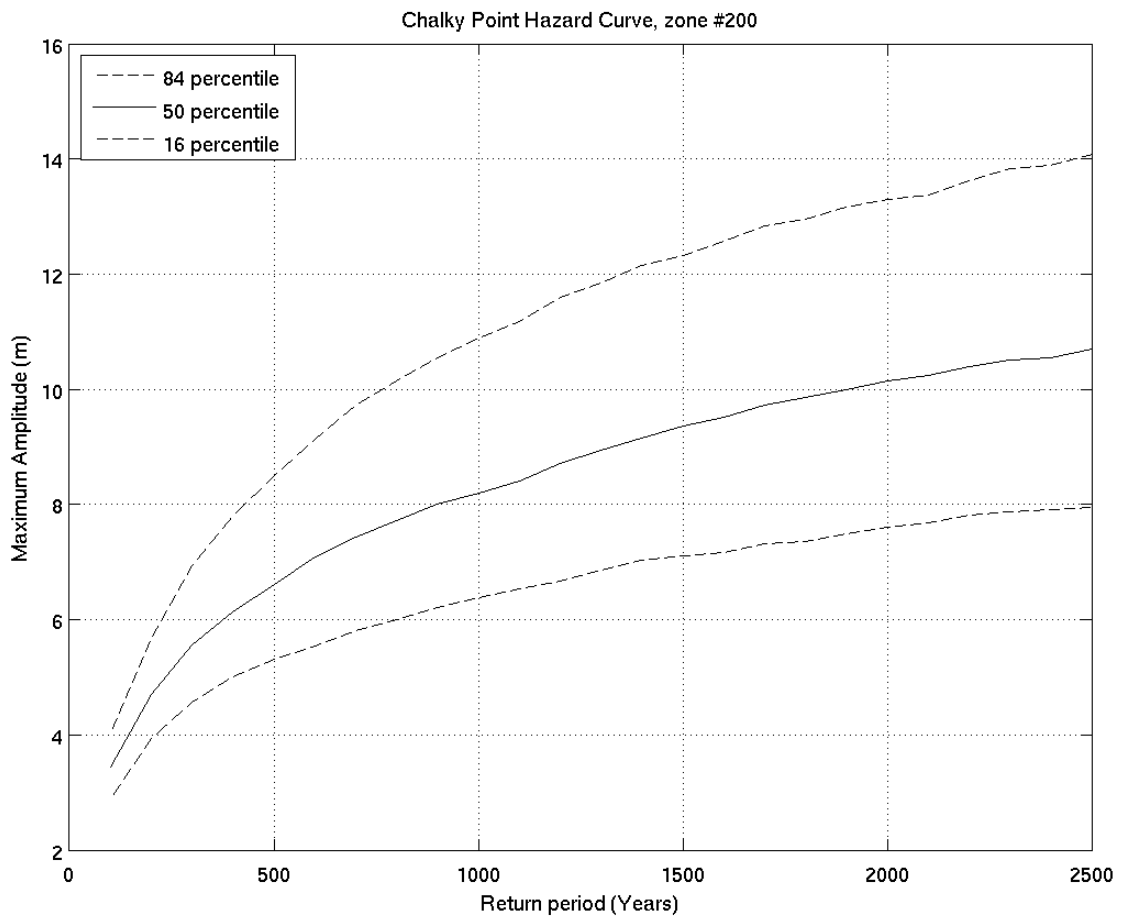
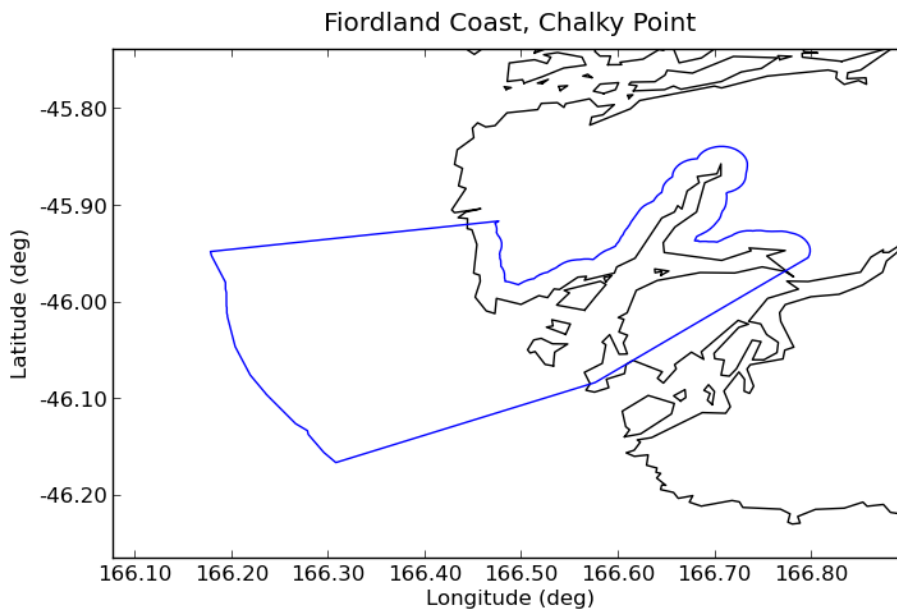
Deaggregation of Zone:199, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.0355 m



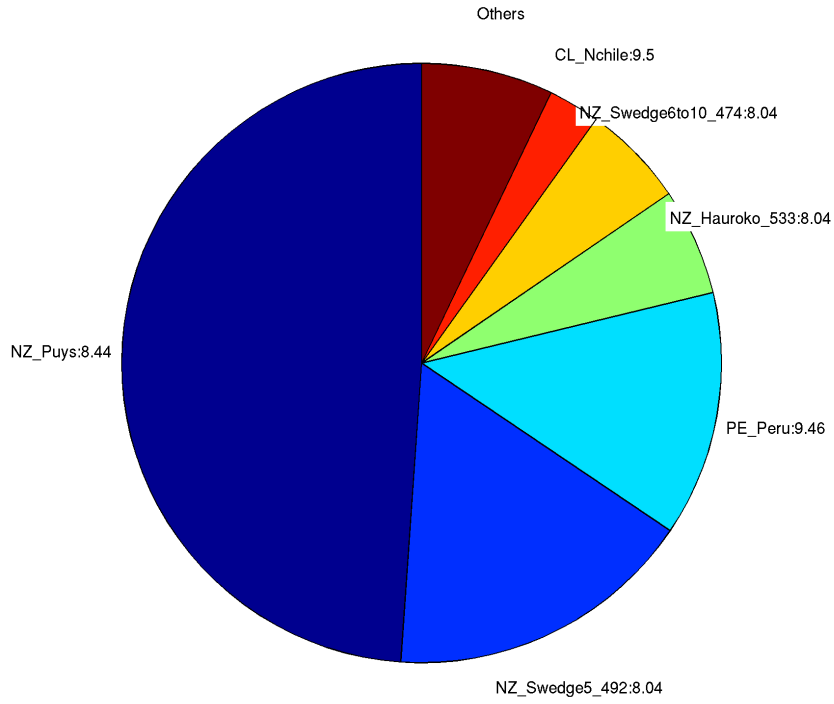
Deaggregation of Zone:199, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.4251 m



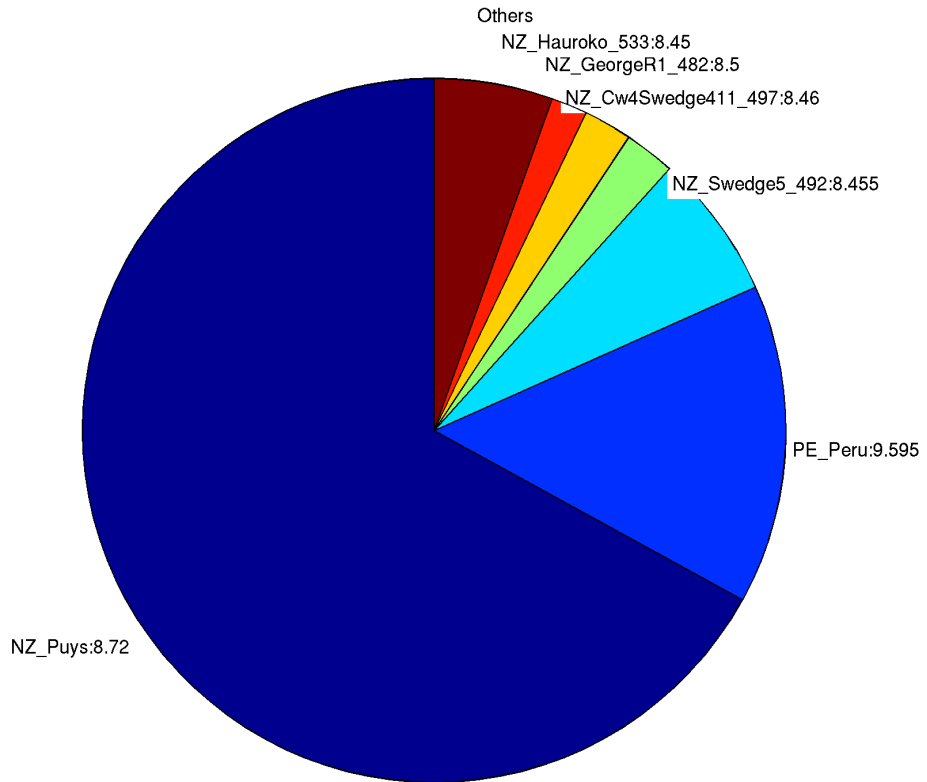
## 200. Chalky Point



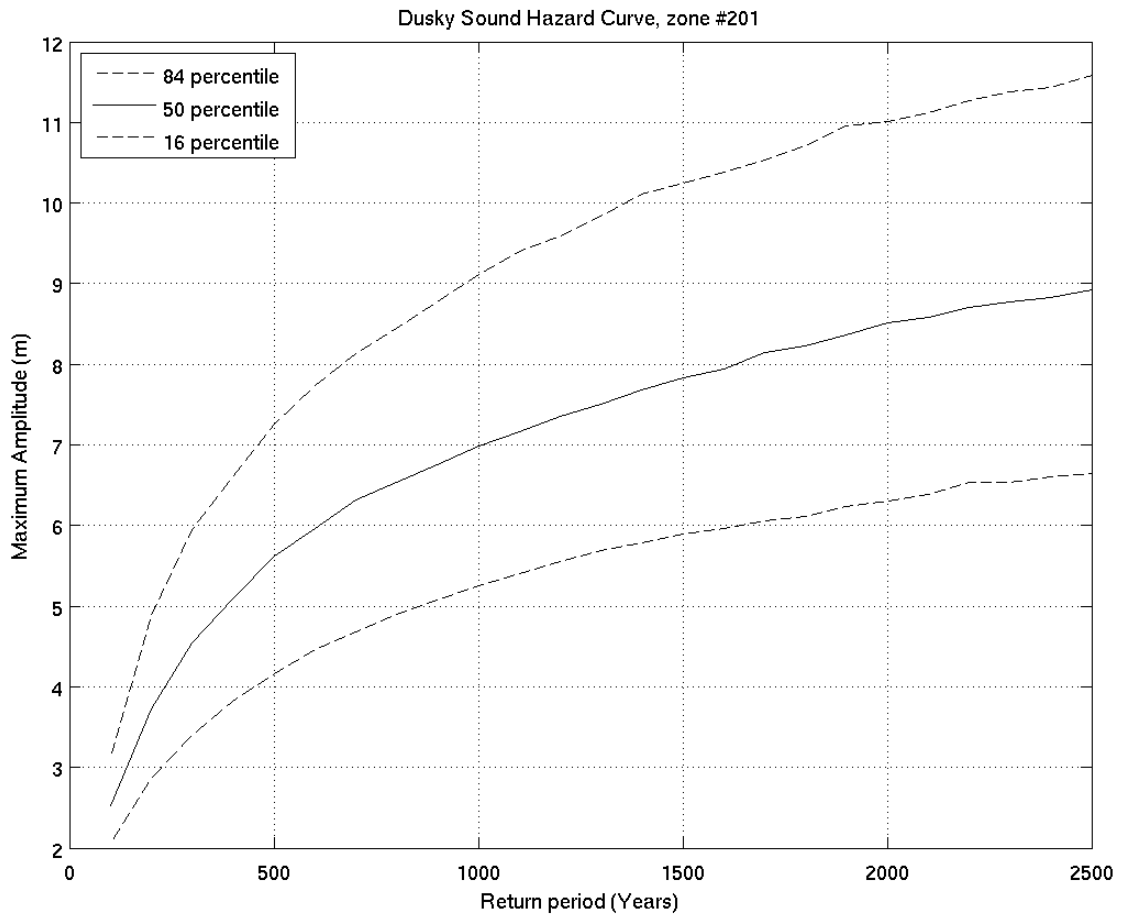
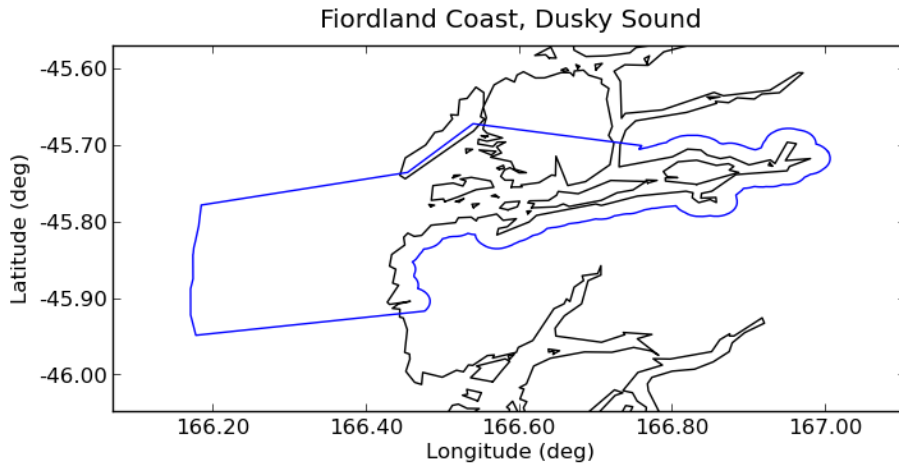
Deaggregation of Zone:200, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6057 m



Deaggregation of Zone:200, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.6734 m

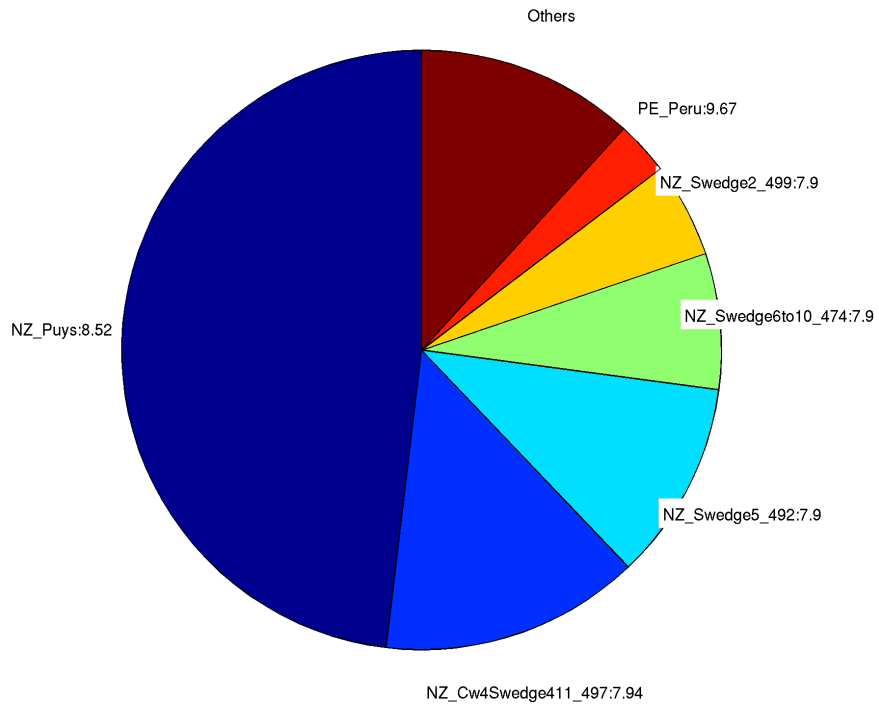


201. *Dusky Sound*

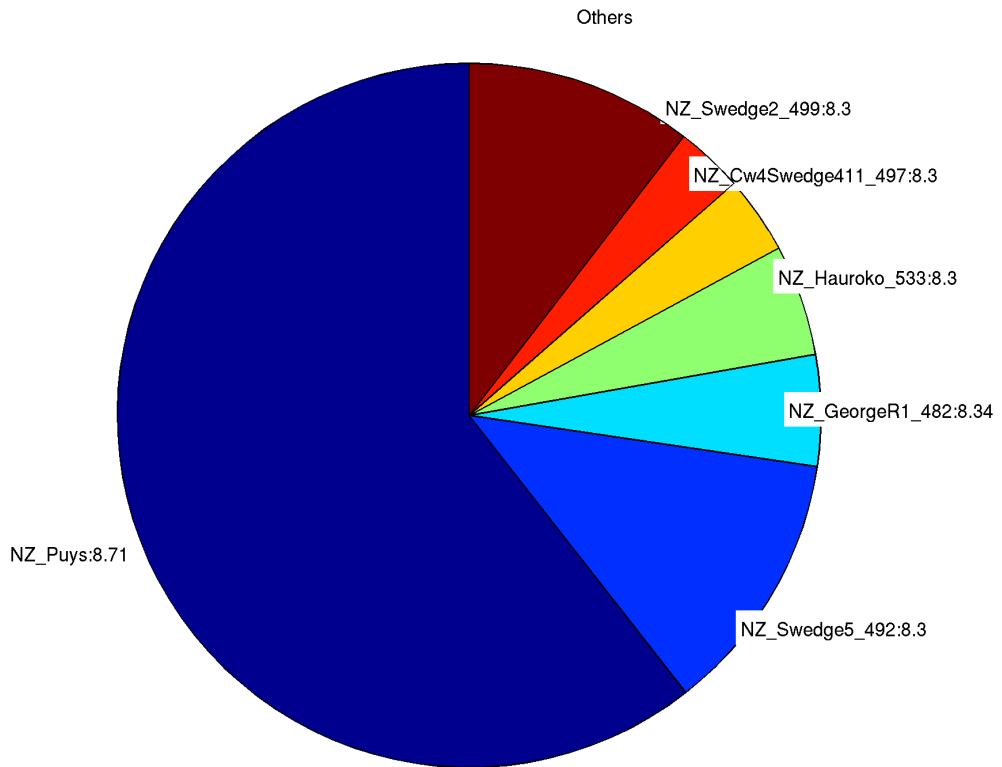




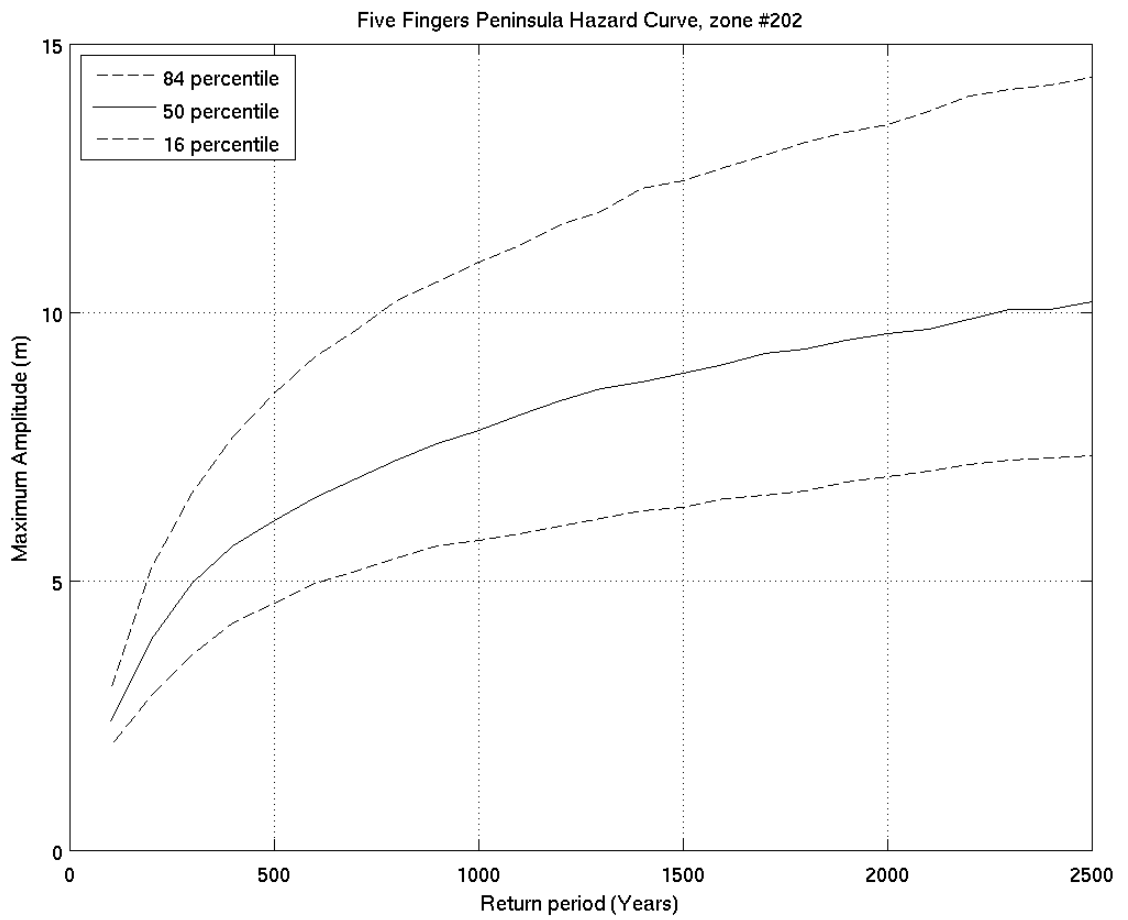
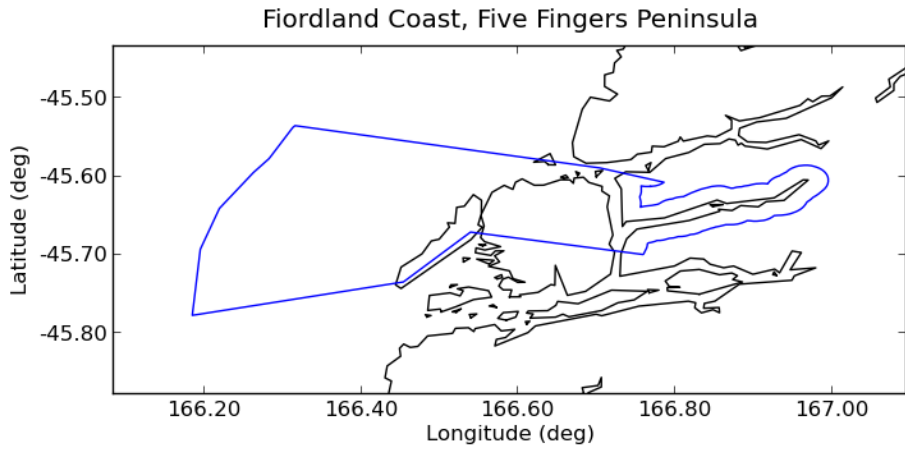
Deaggregation of Zone:201, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.6142 m



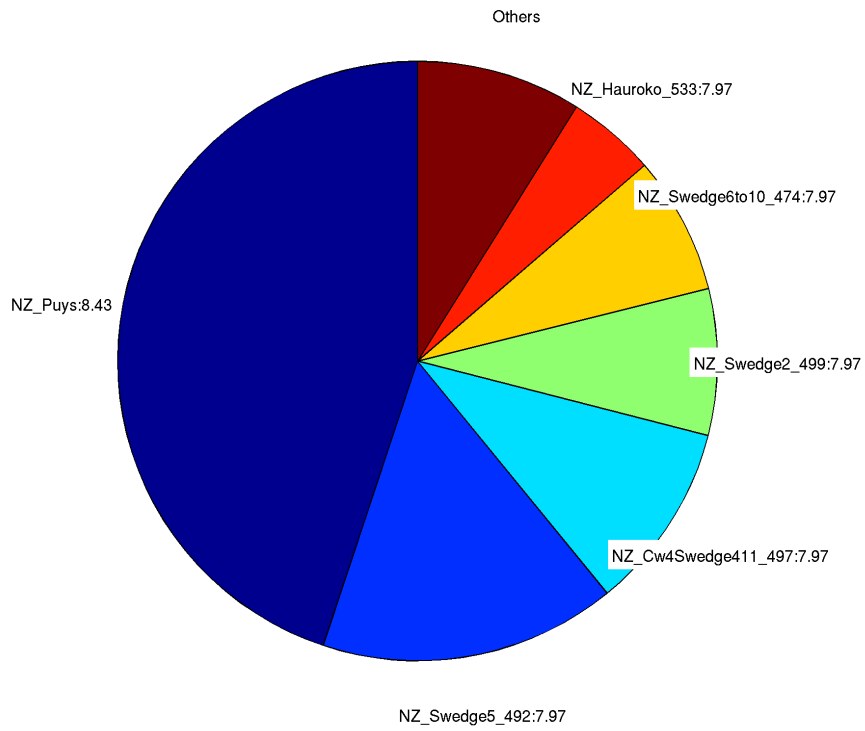
Deaggregation of Zone:201, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.9234 m



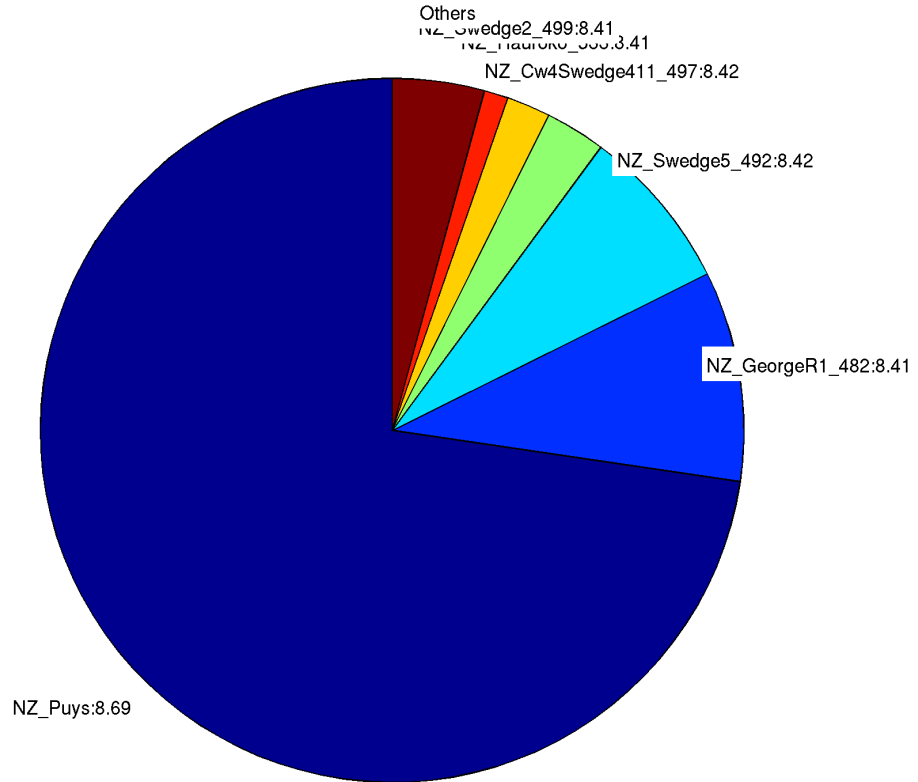
202. *Five Fingers Peninsula*



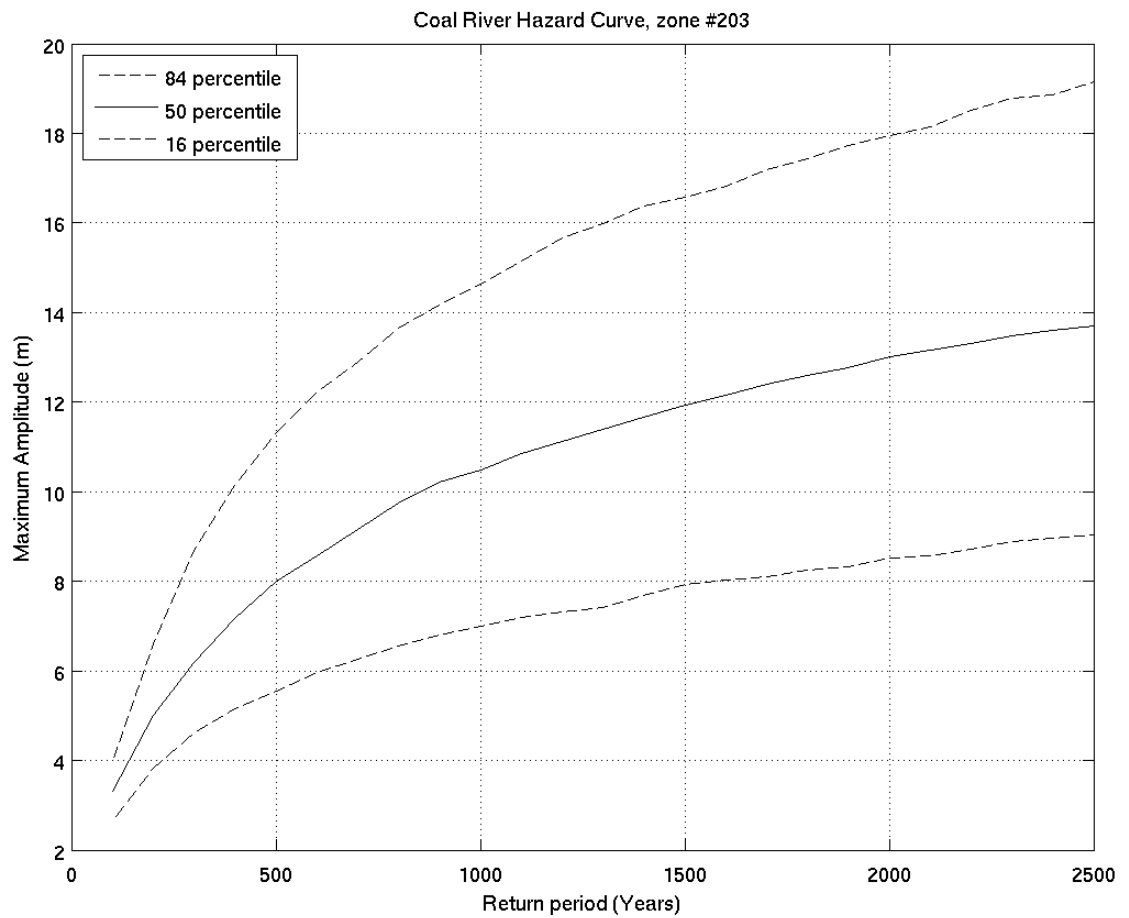
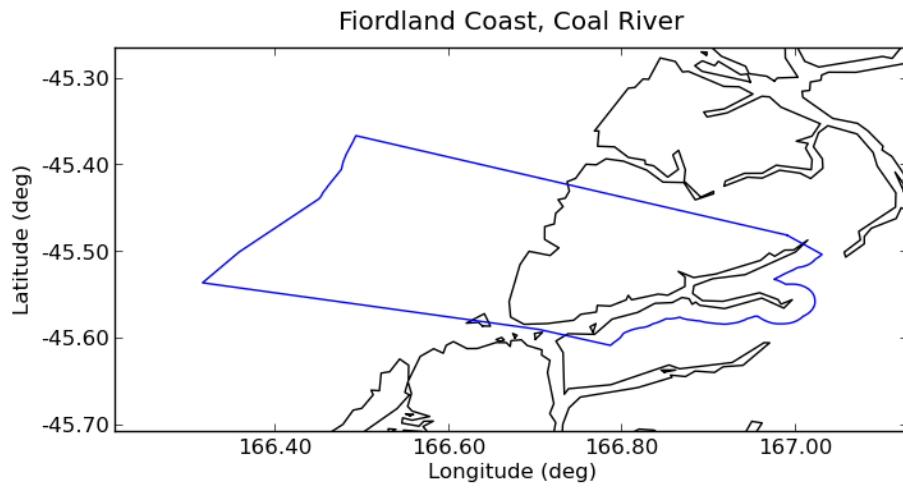
Deaggregation of Zone:202, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0954 m



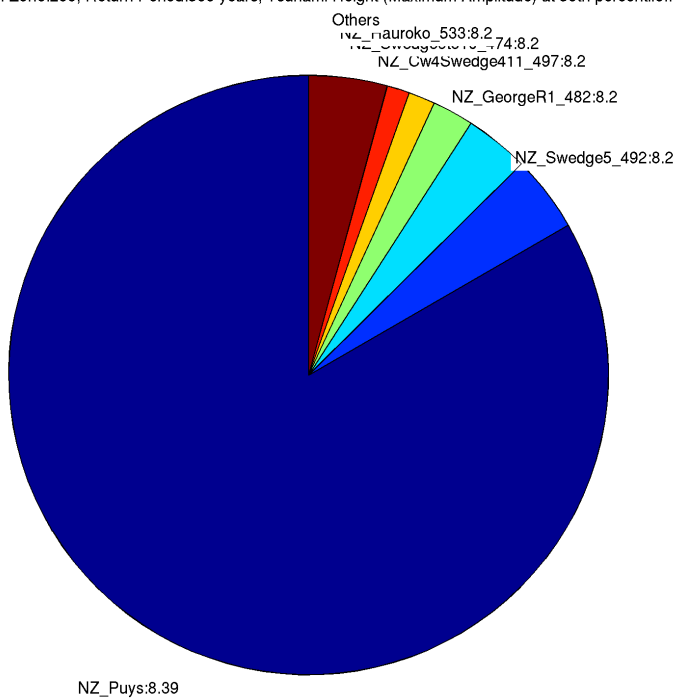
Deaggregation of Zone:202, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.1779 m



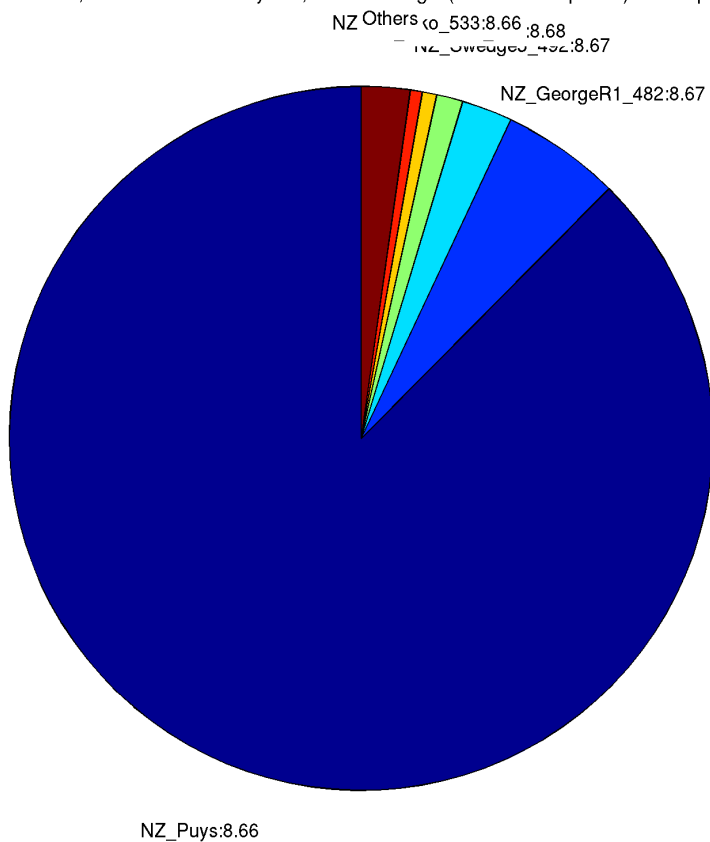
## 203. Coal River



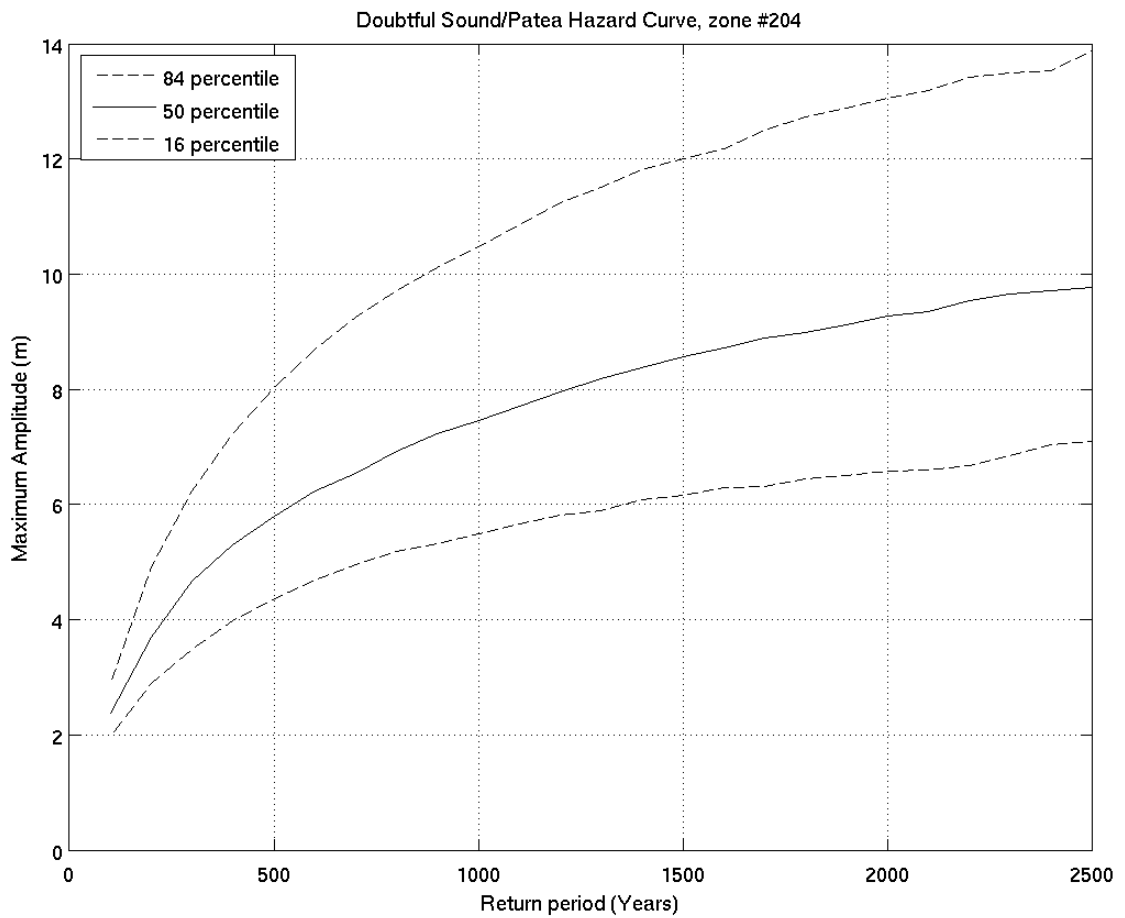
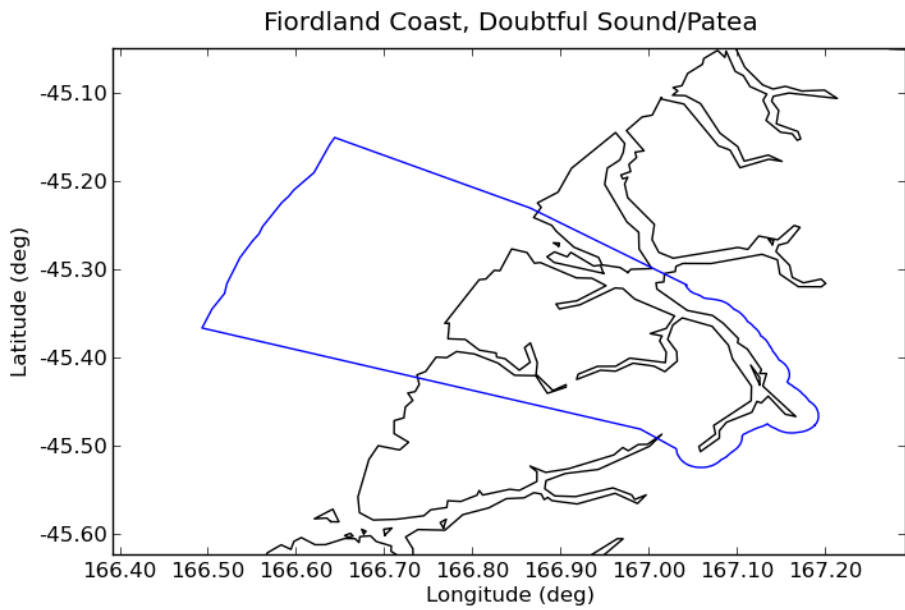
Deaggregation of Zone:203, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9878 m



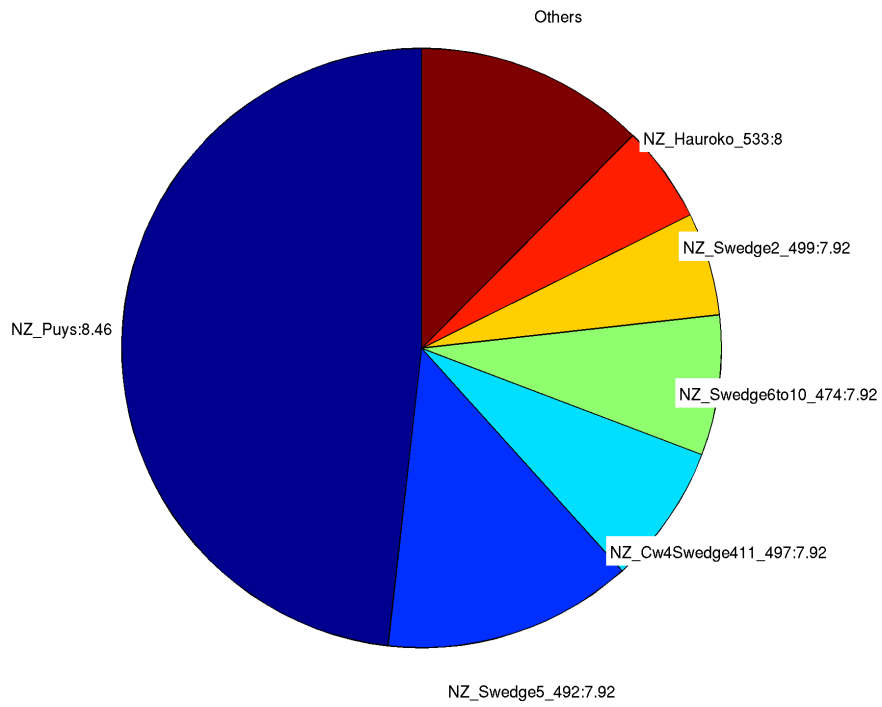
Deaggregation of Zone:203, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.6903 m



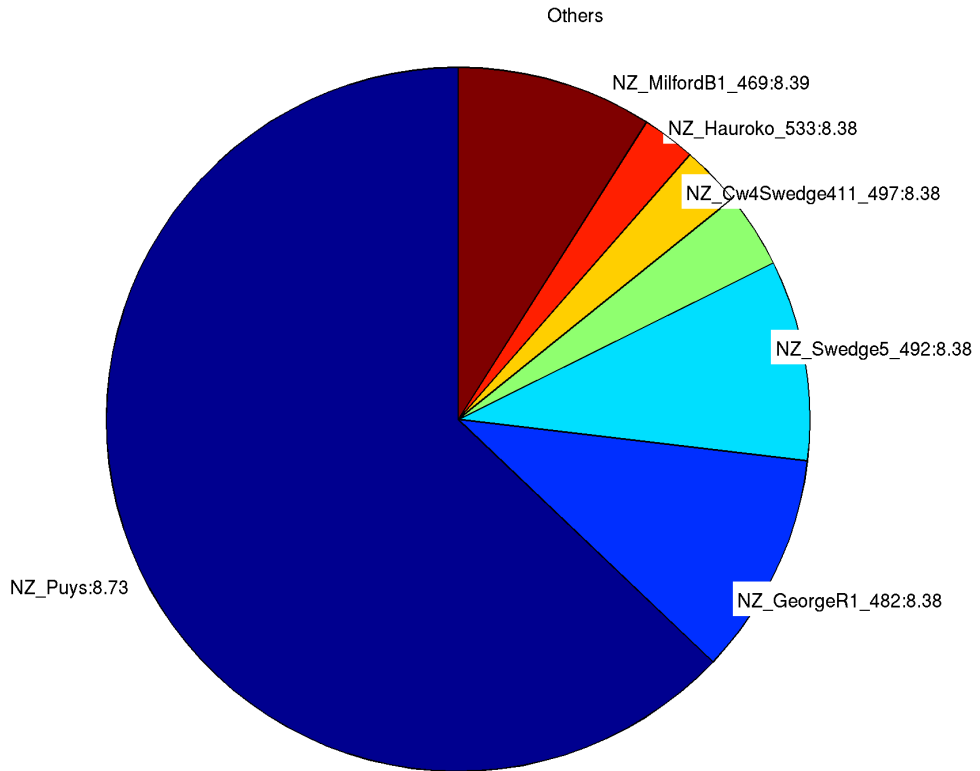
204. *Doubtful Sound/Patea*



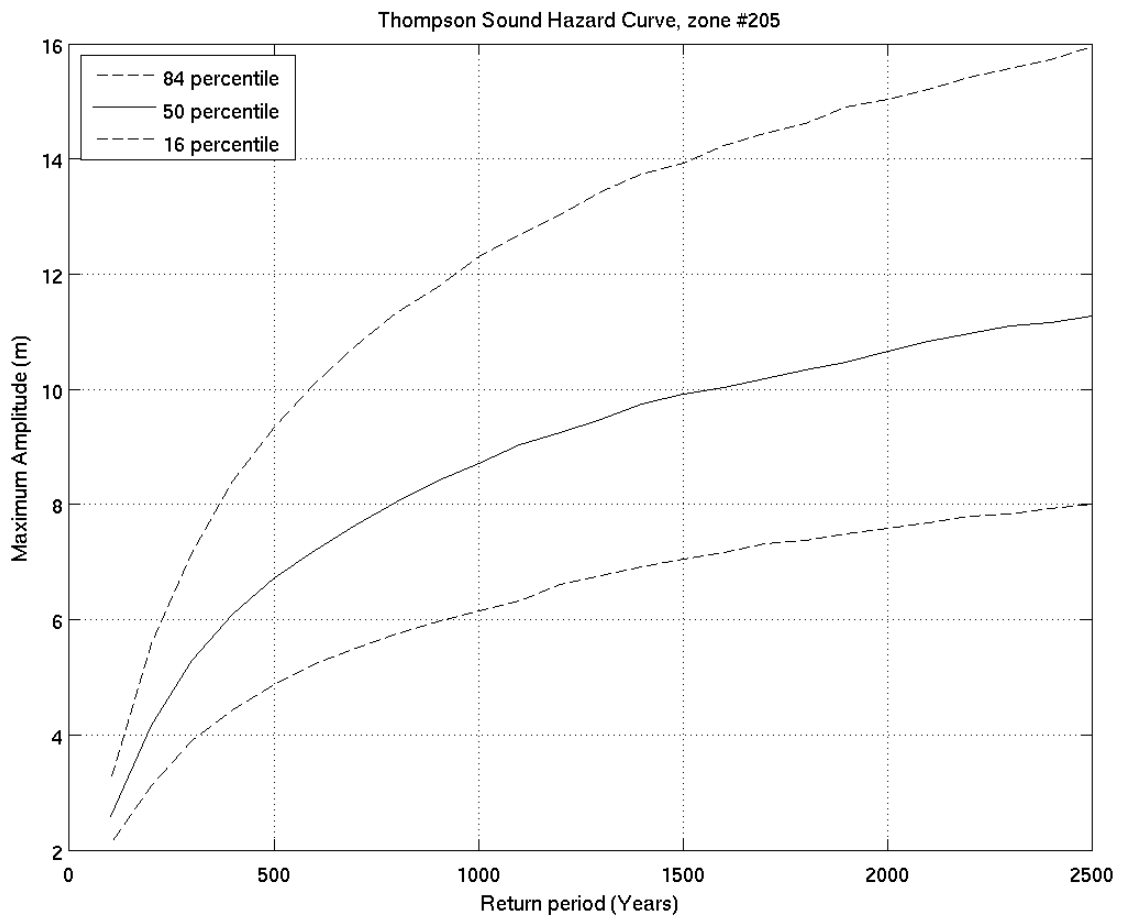
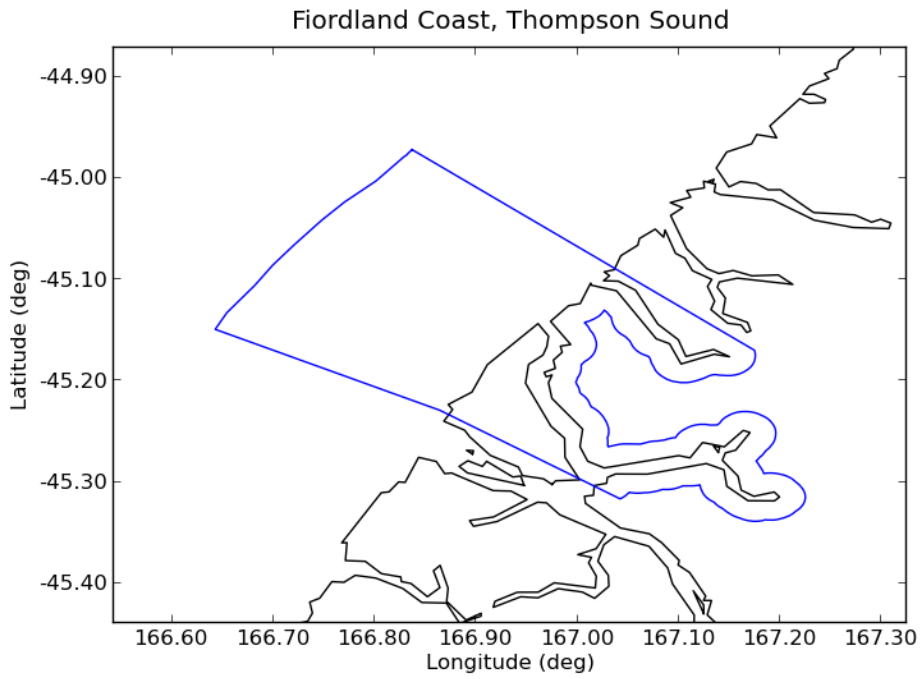
Deaggregation of Zone:204, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7684 m



Deaggregation of Zone:204, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.7724 m

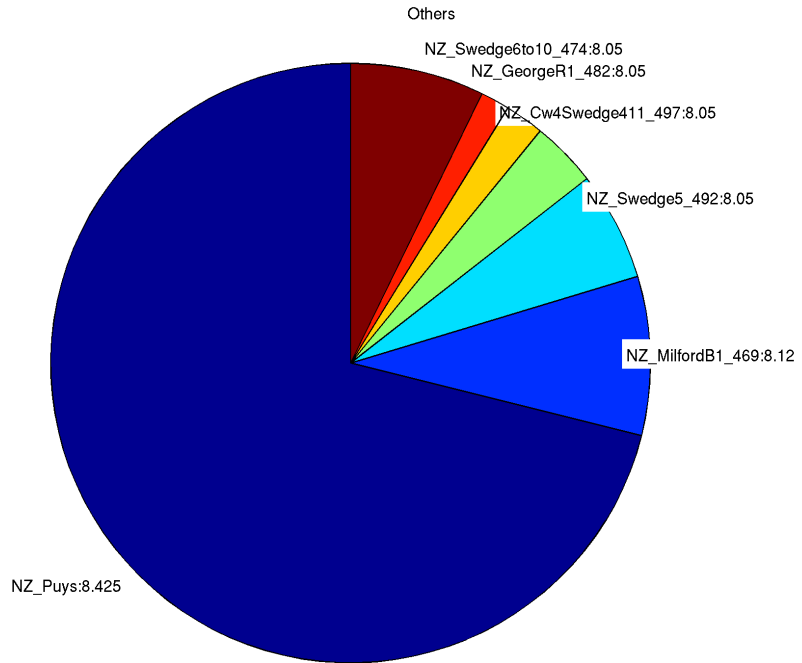


205. *Thompson Sound*

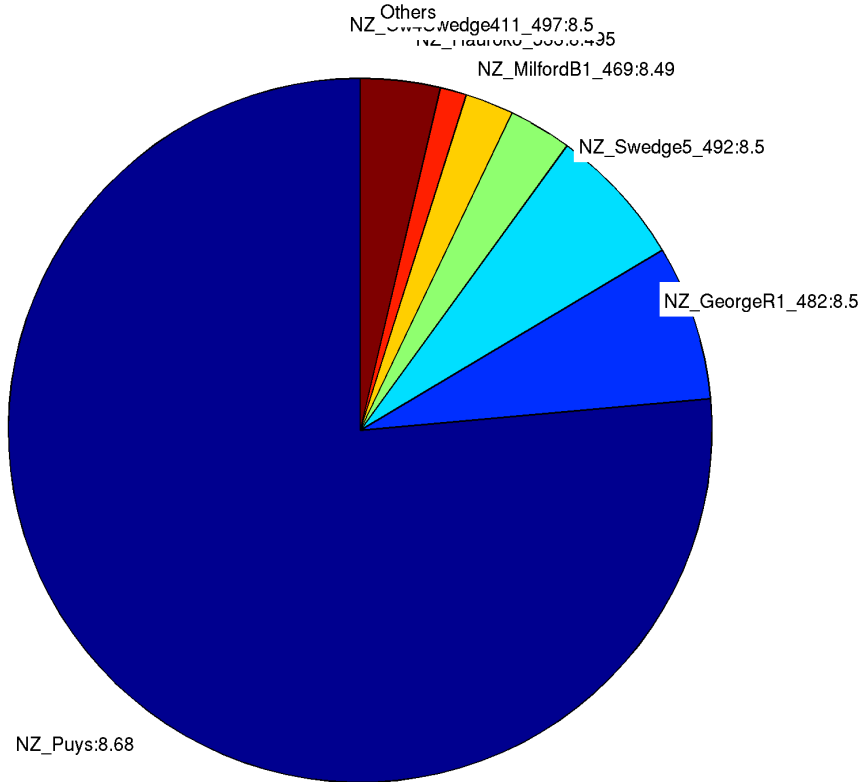




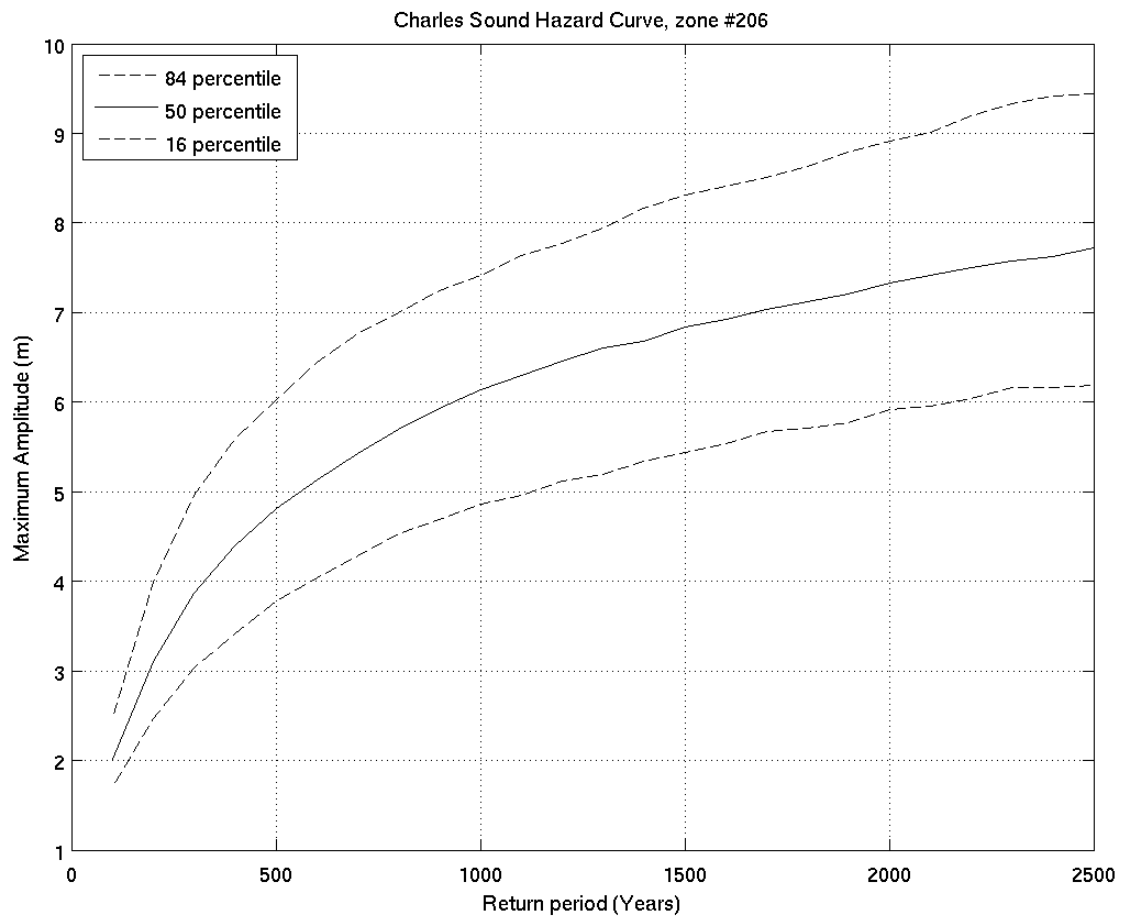
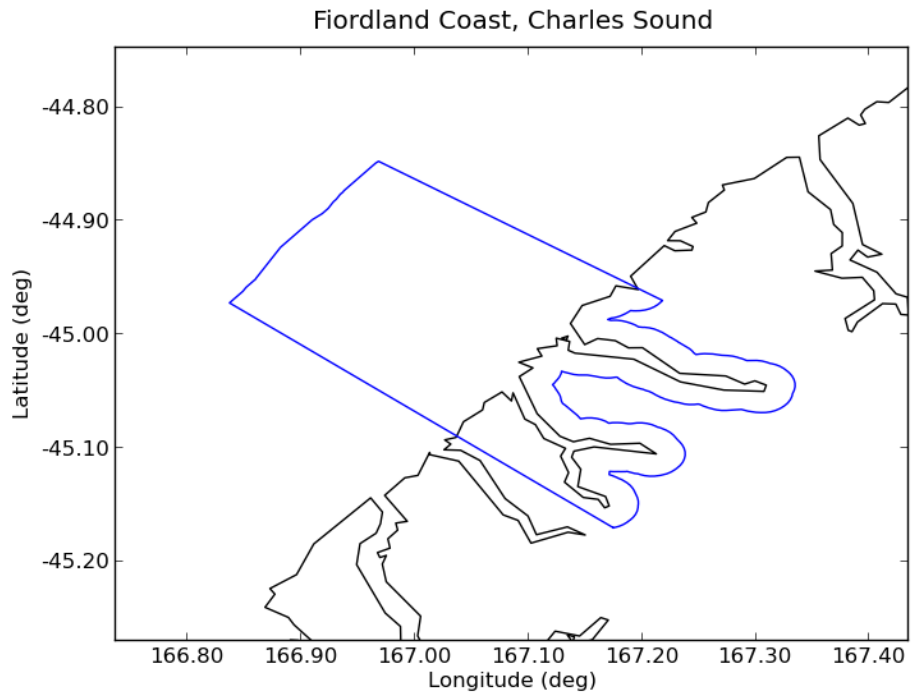
Deaggregation of Zone:205, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7195 m



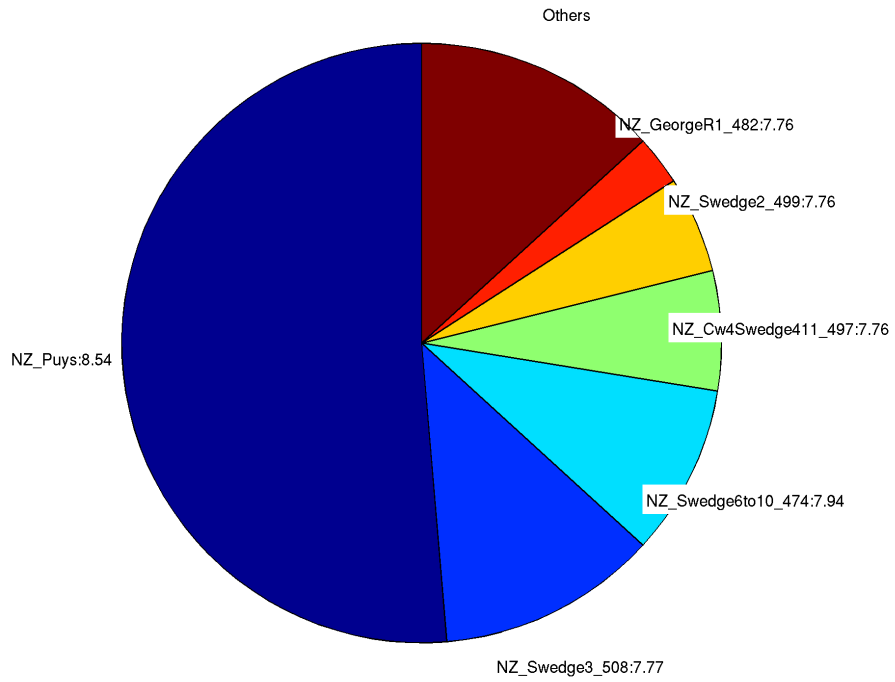
Deaggregation of Zone:205, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.2573 m



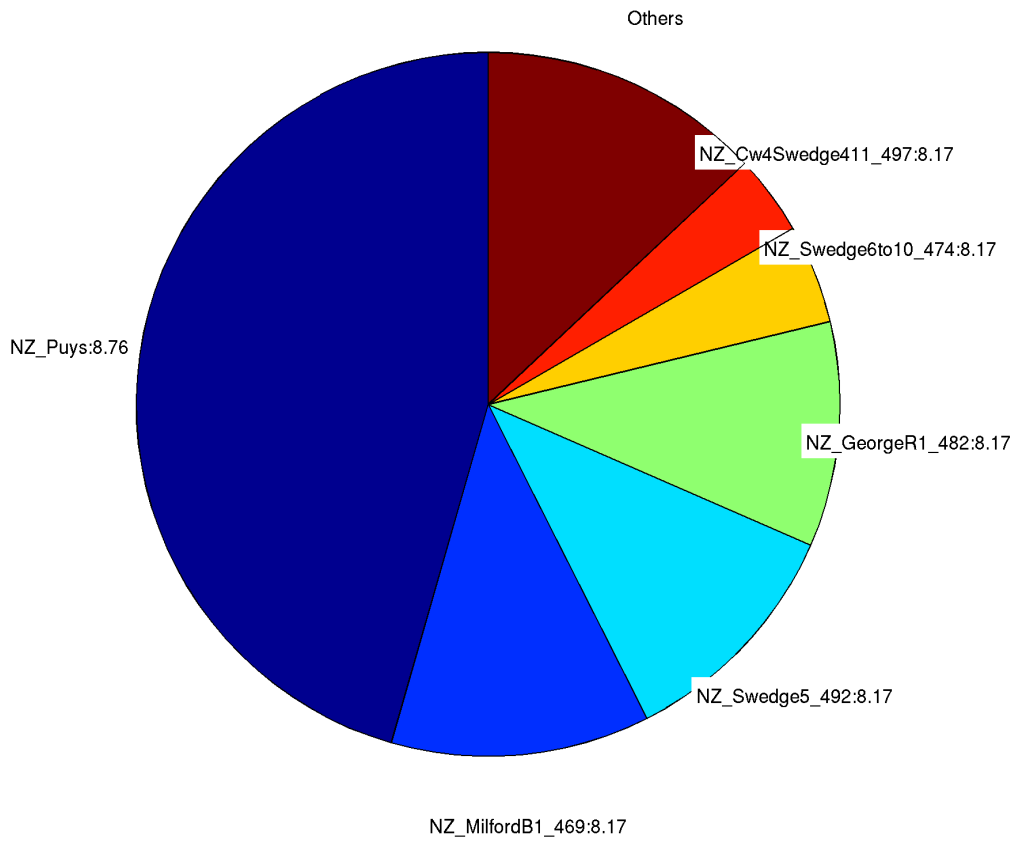
## 206. Charles Sound



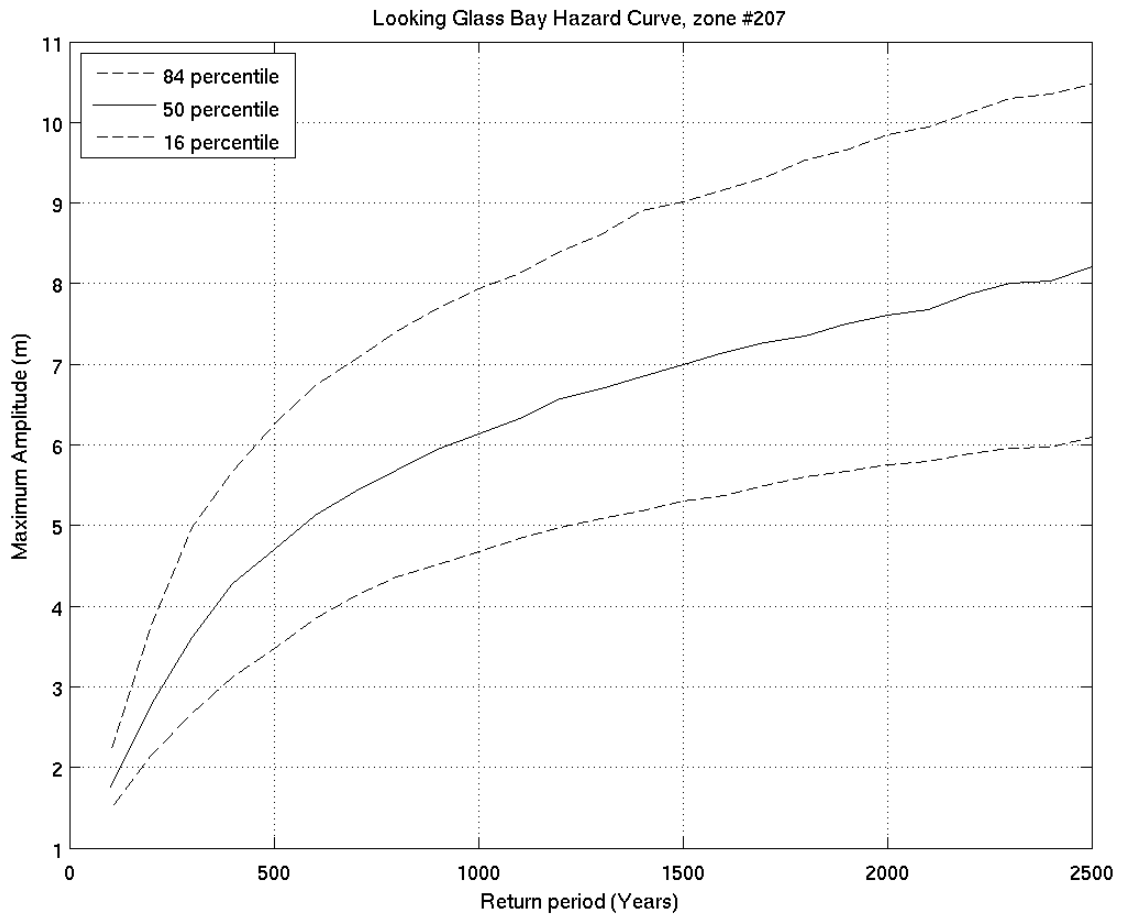
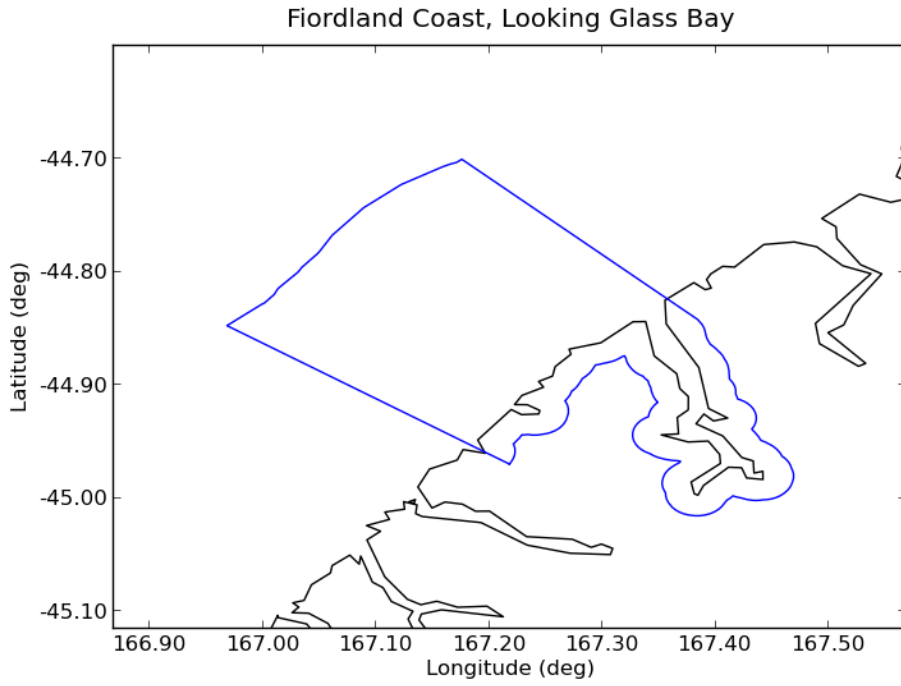
Deaggregation of Zone:206, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8067 m



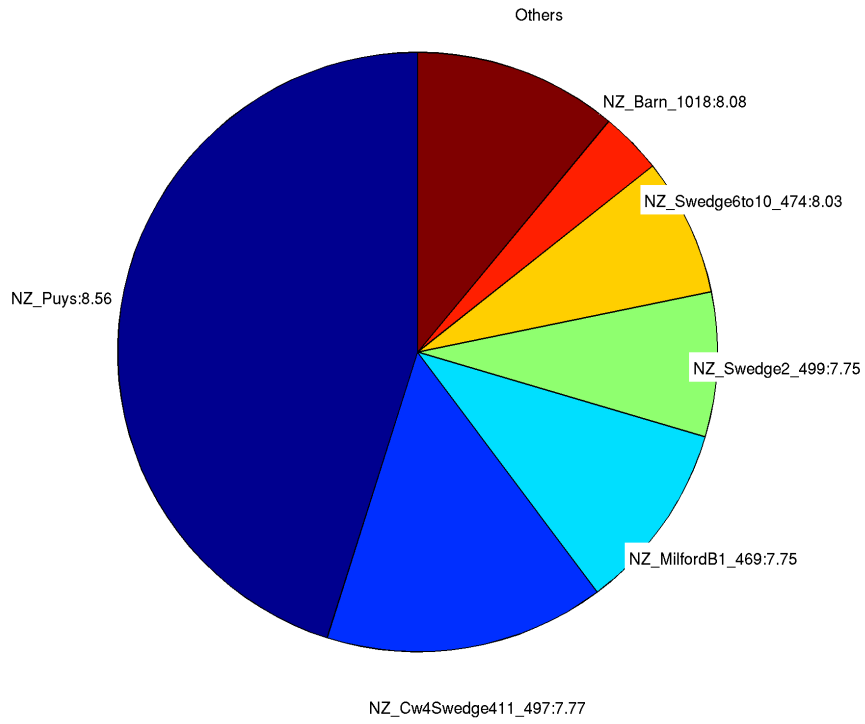
Deaggregation of Zone:206, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.7082 m



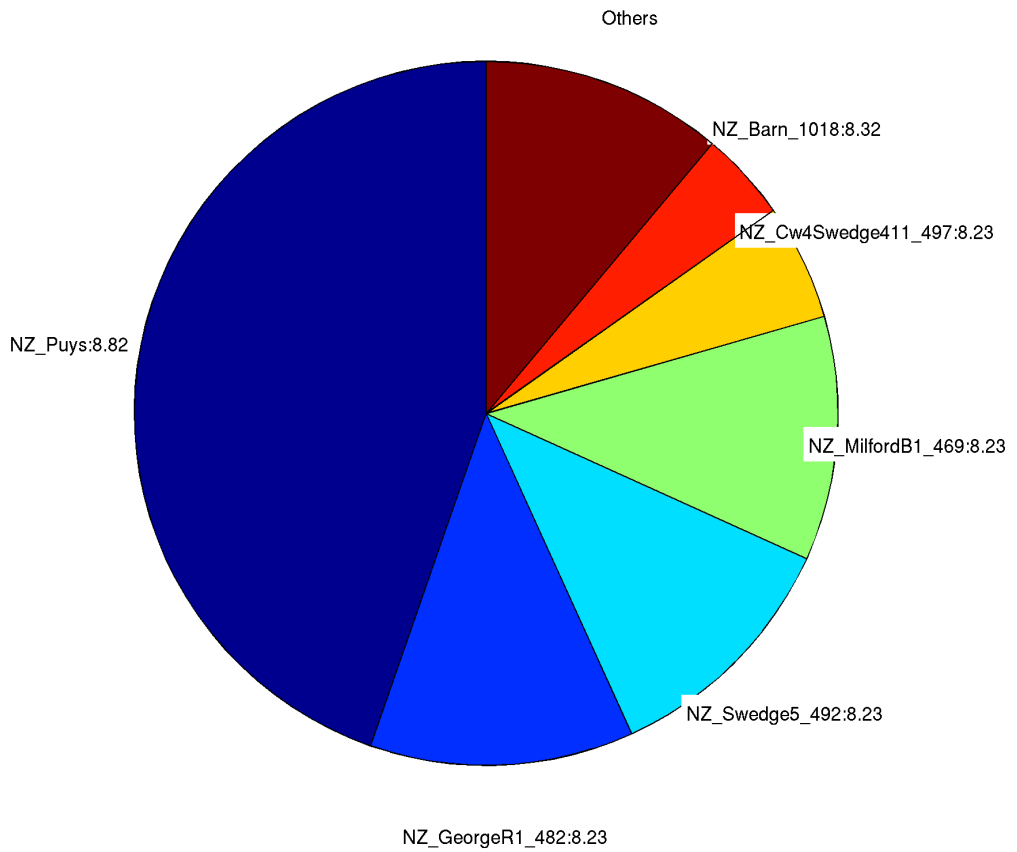
## 207. Looking Glass Bay



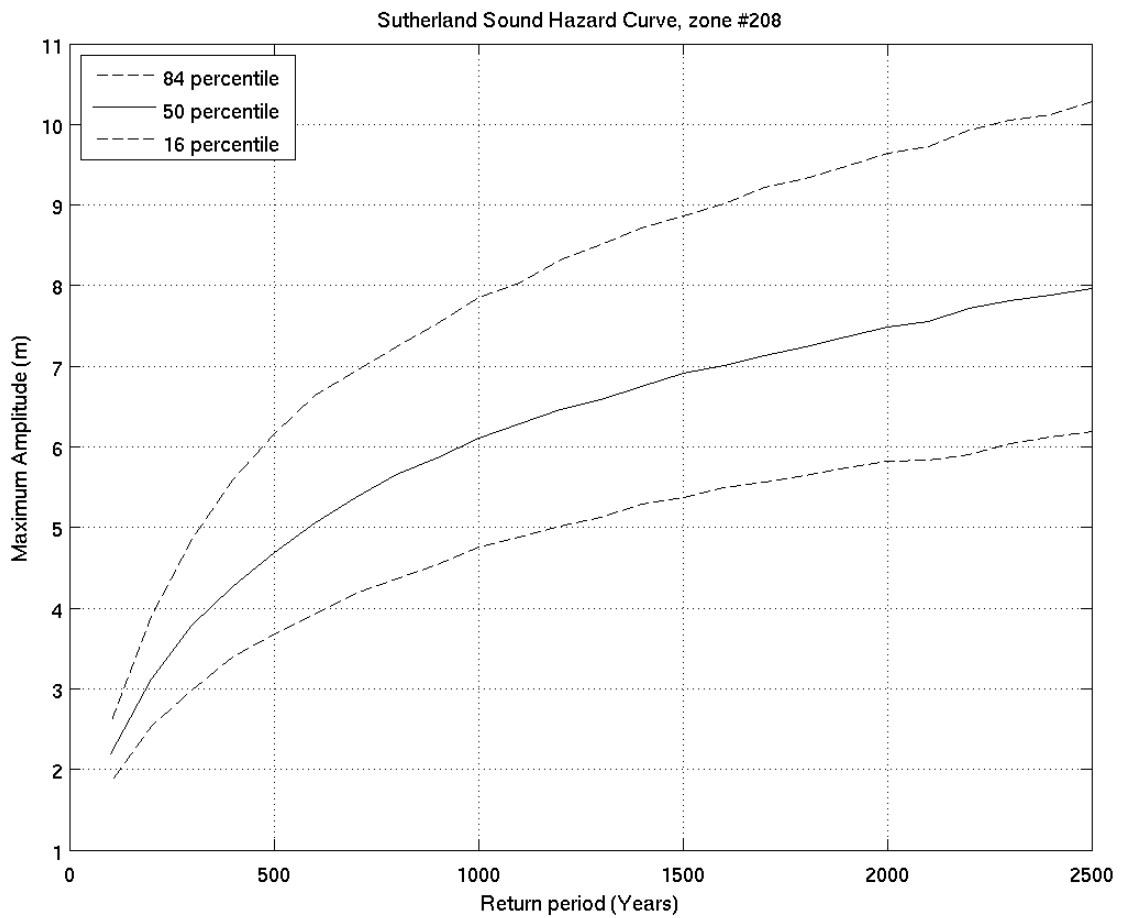
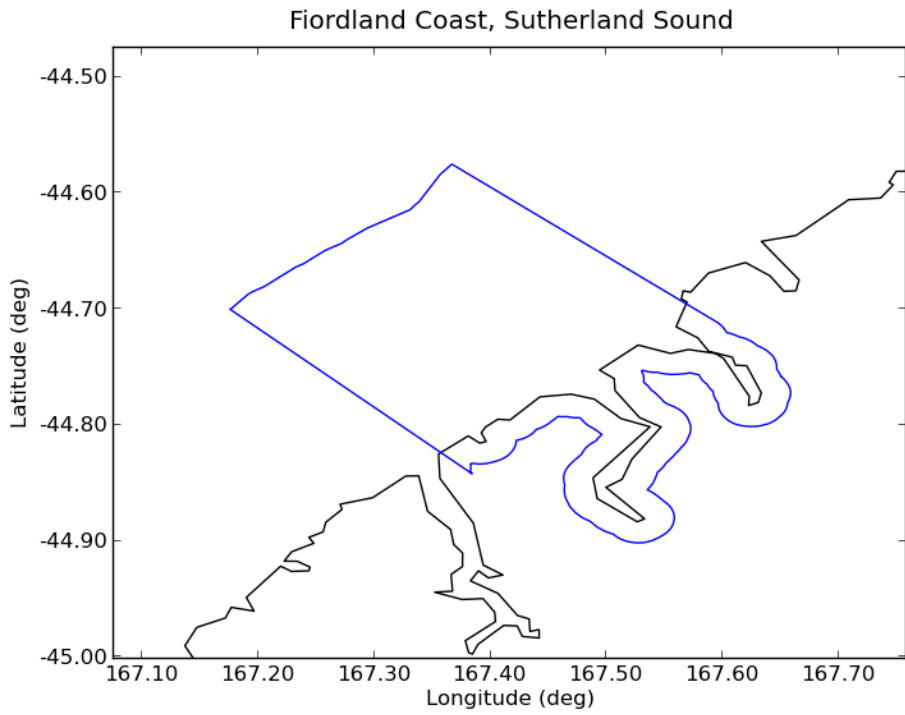
Deaggregation of Zone:207, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7092 m



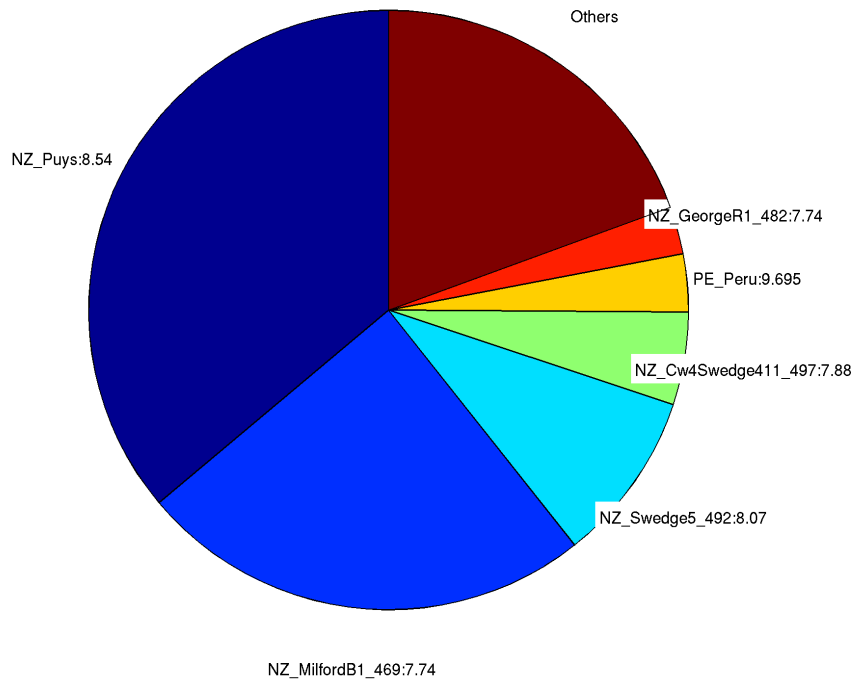
Deaggregation of Zone:207, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.1967 m



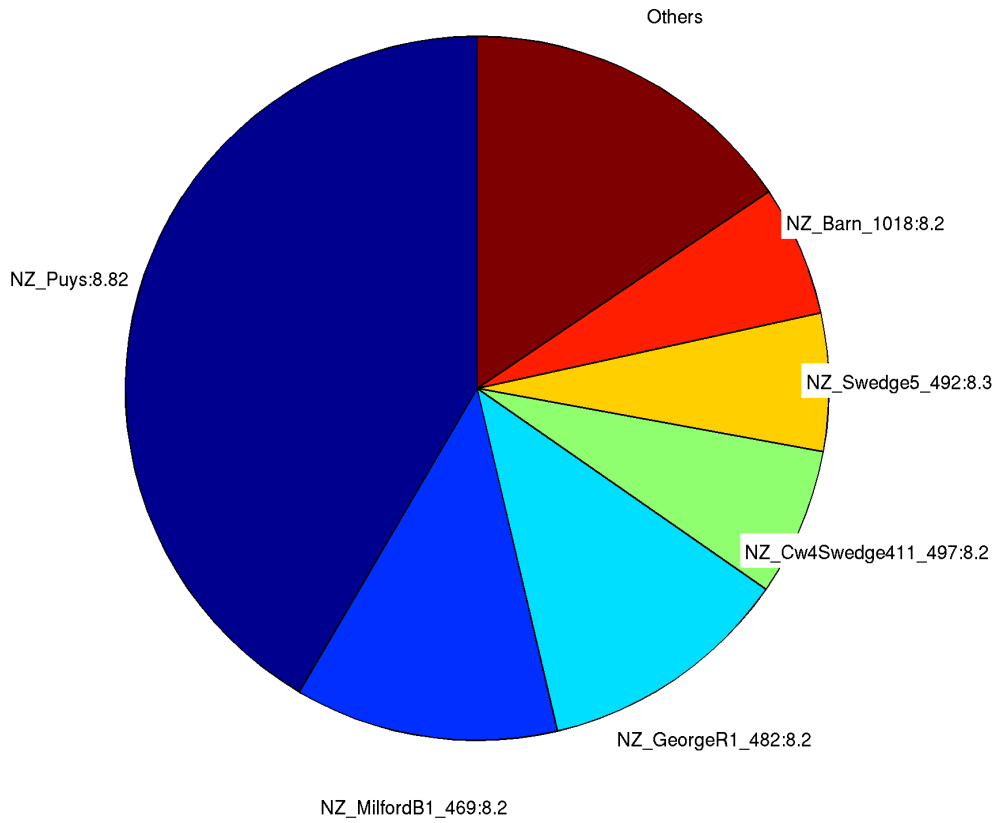
## 208. Sutherland Sound



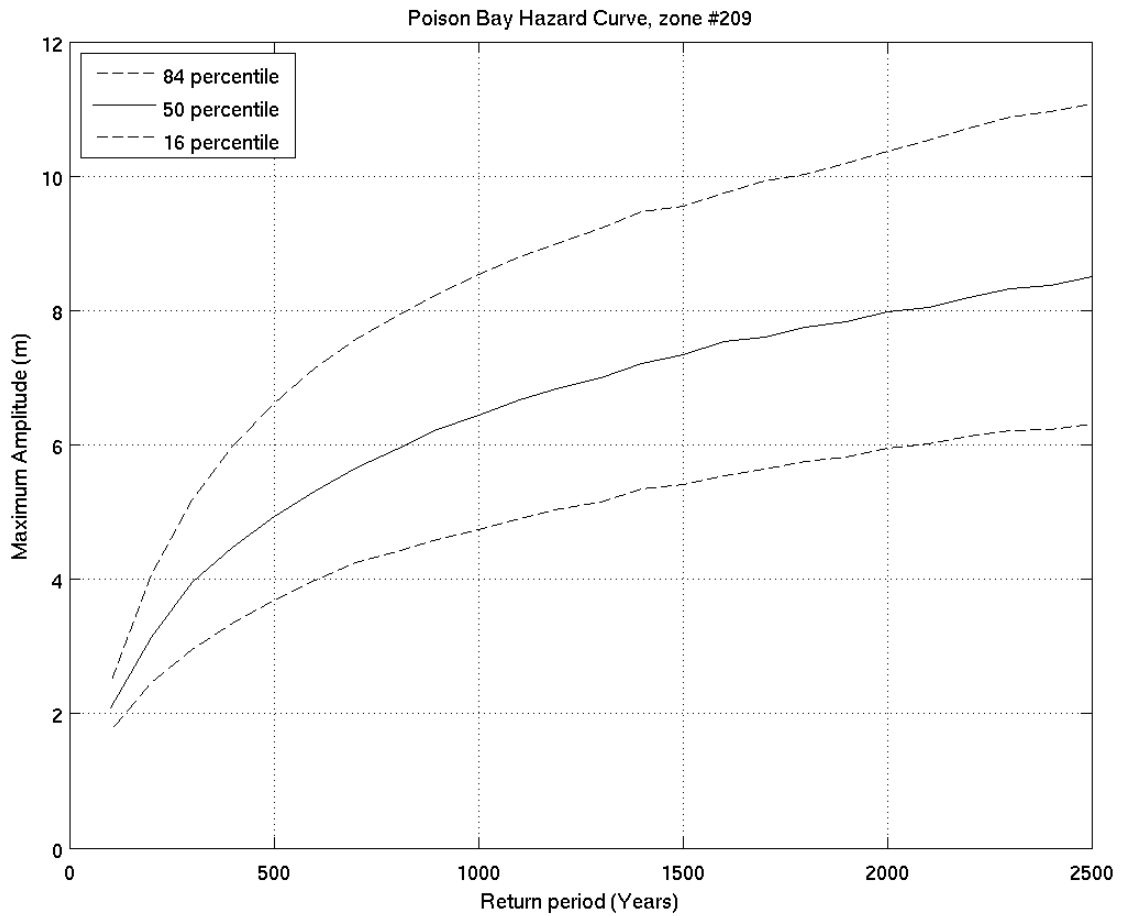
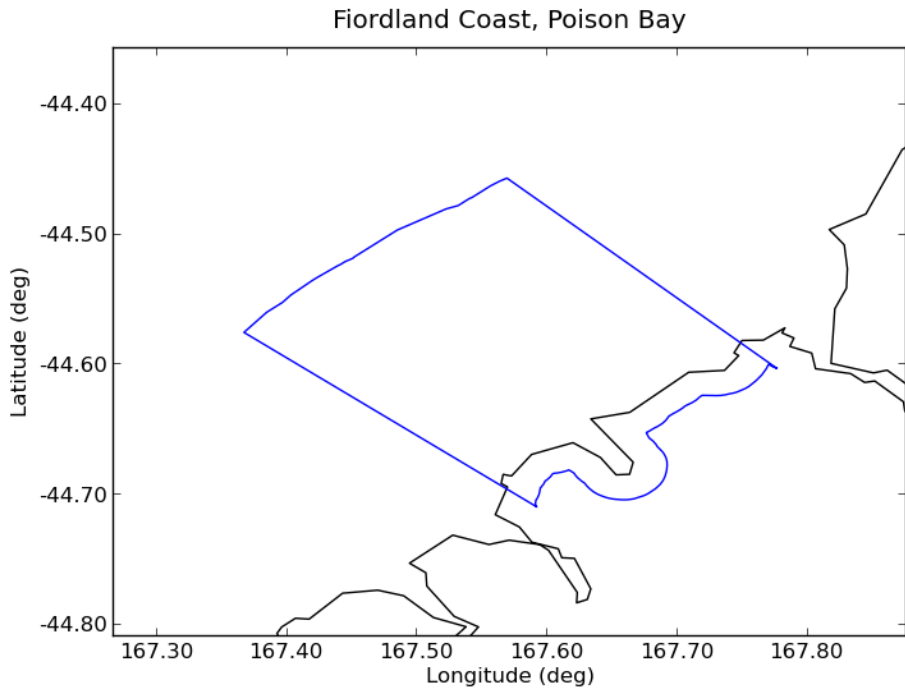
Deaggregation of Zone:208, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6806 m



Deaggregation of Zone:208, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9586 m

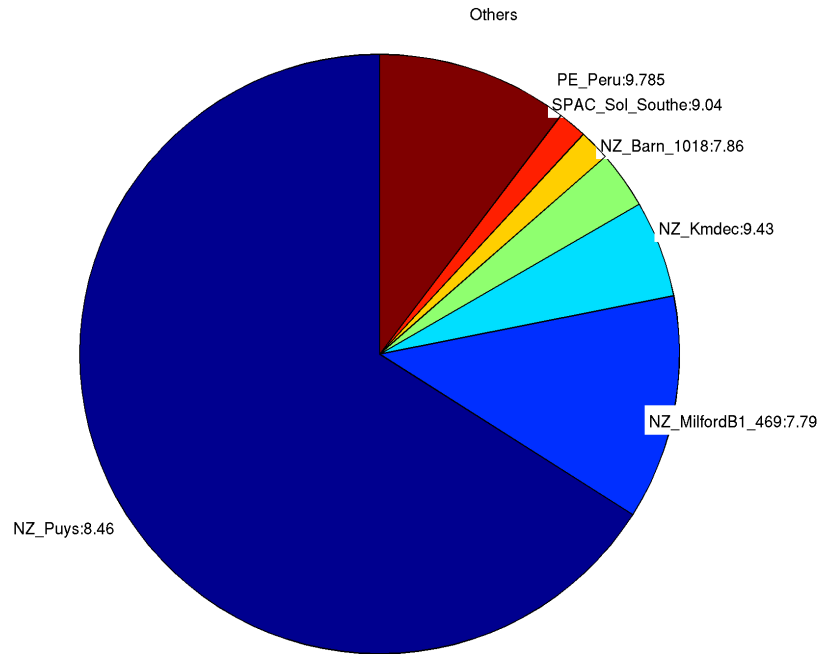


209. *Poison Bay*

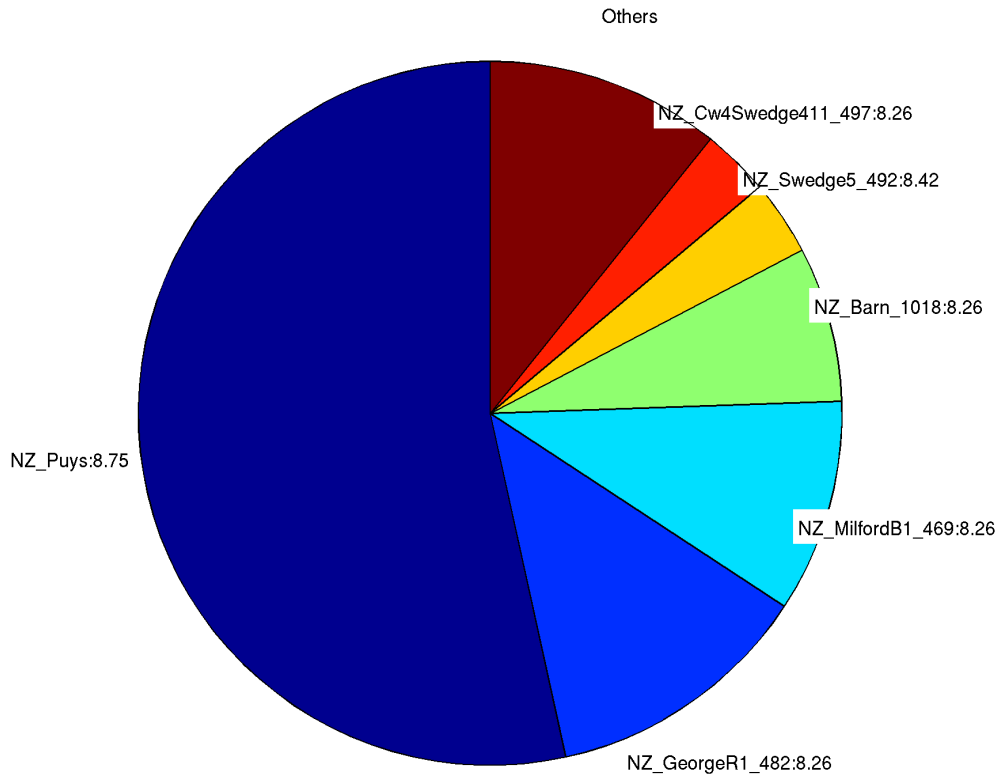




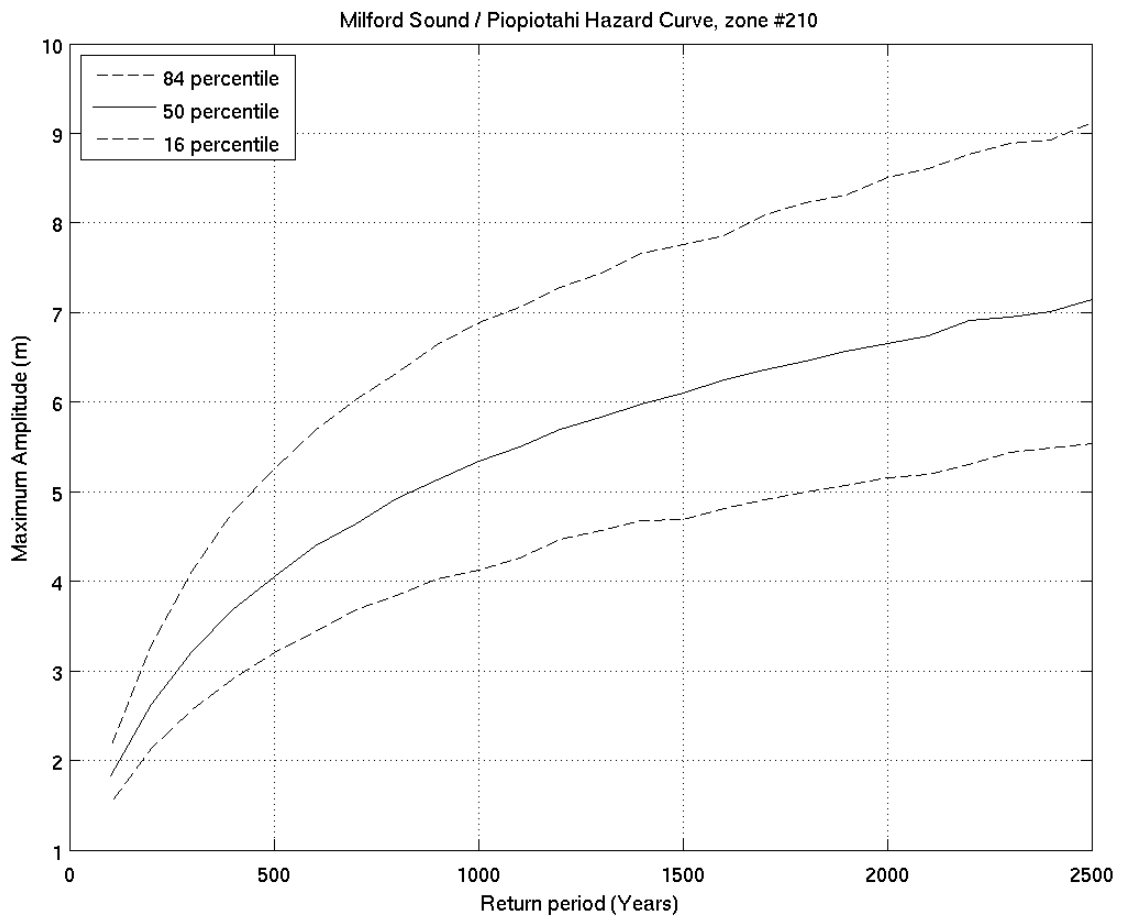
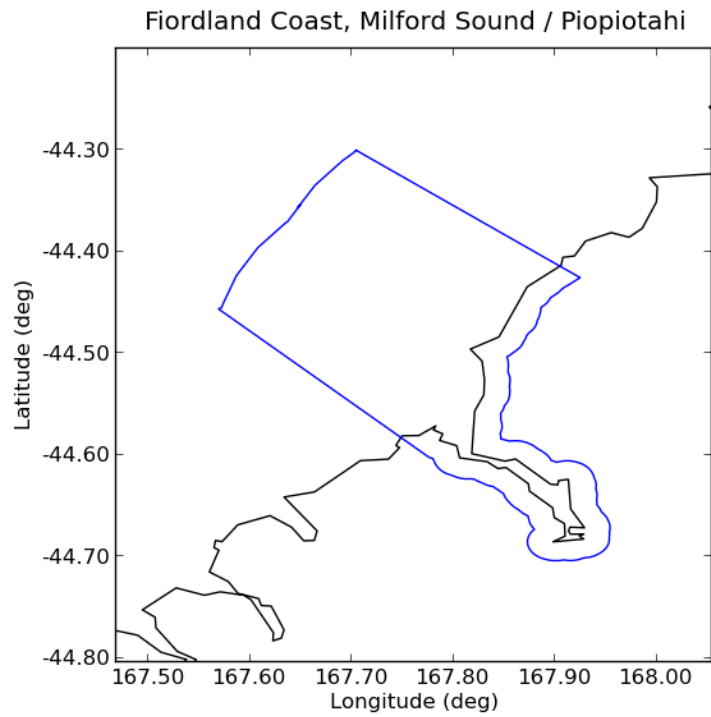
Deaggregation of Zone:209, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9348 m



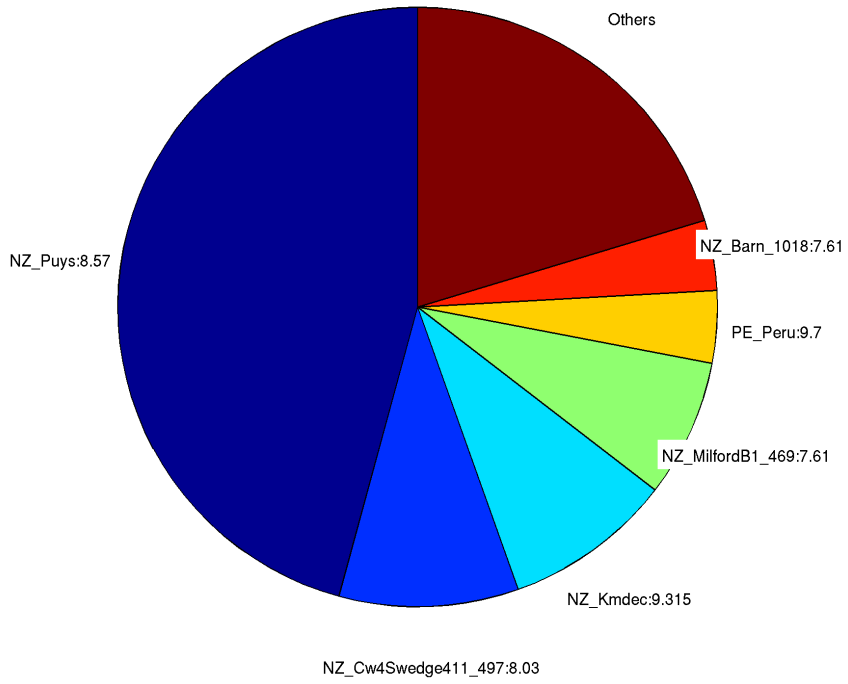
Deaggregation of Zone:209, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5114 m



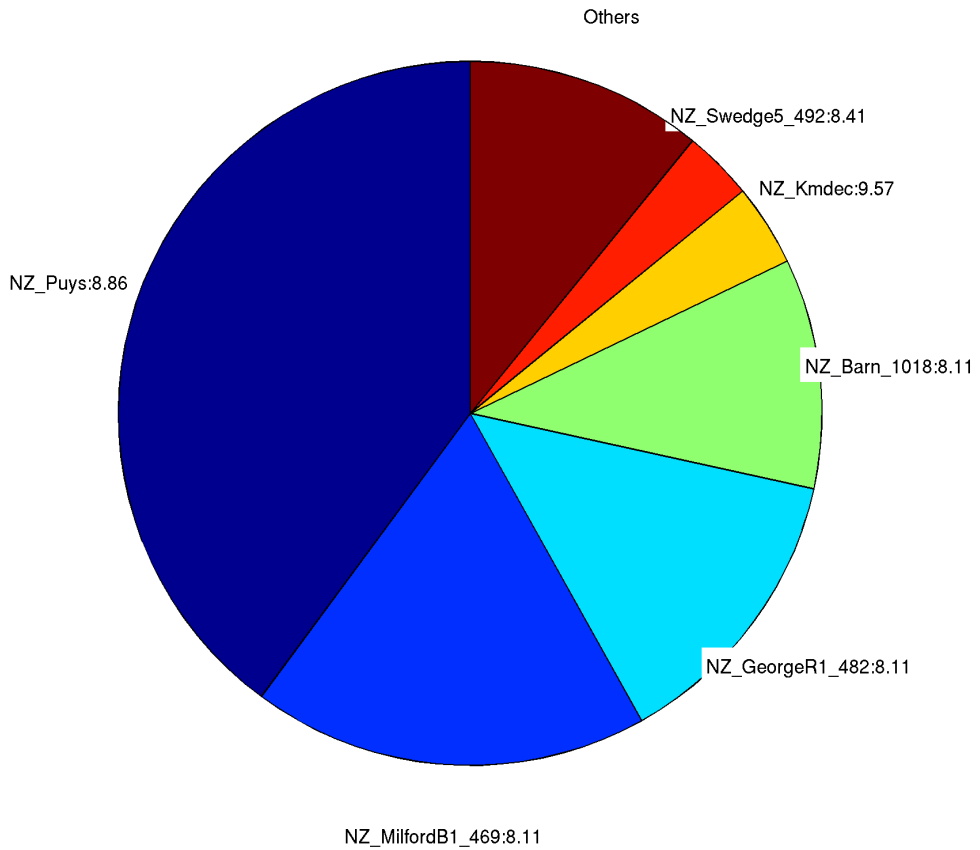
## 210. Milford Sound / Piopiotahi



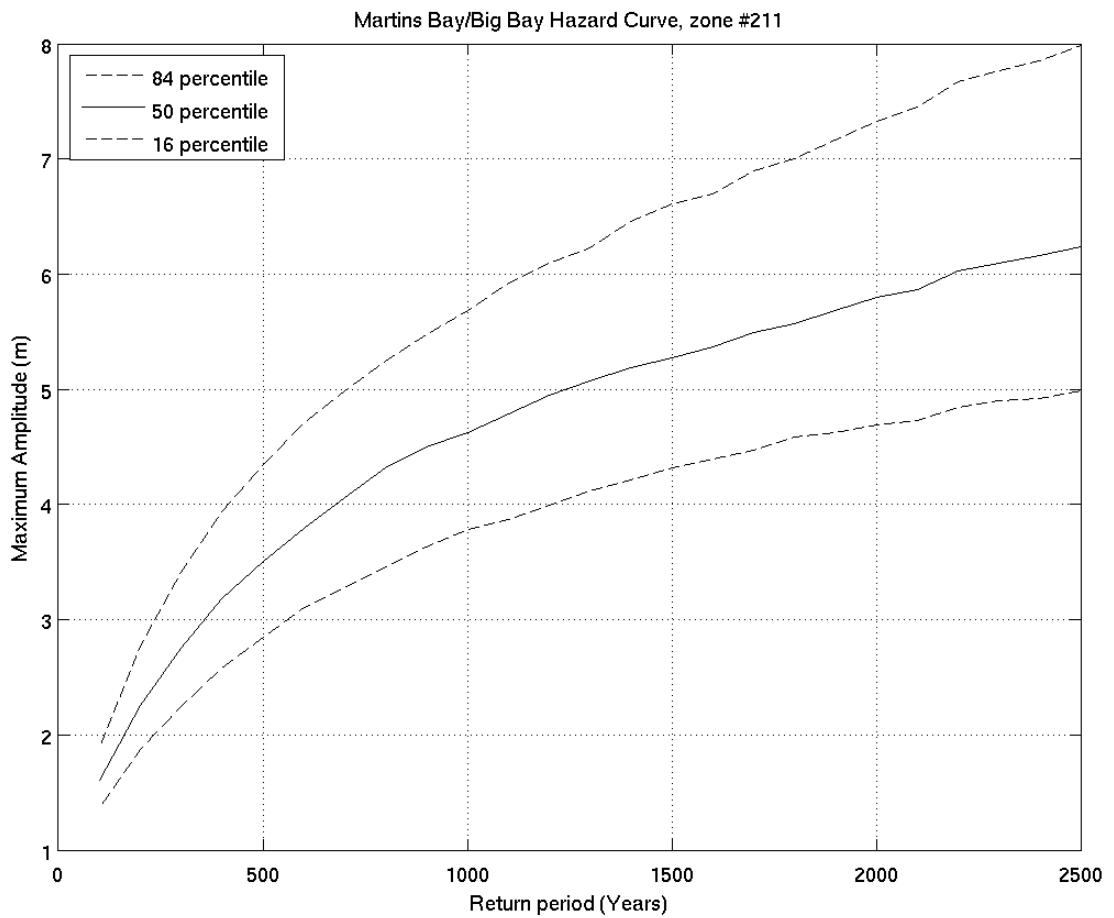
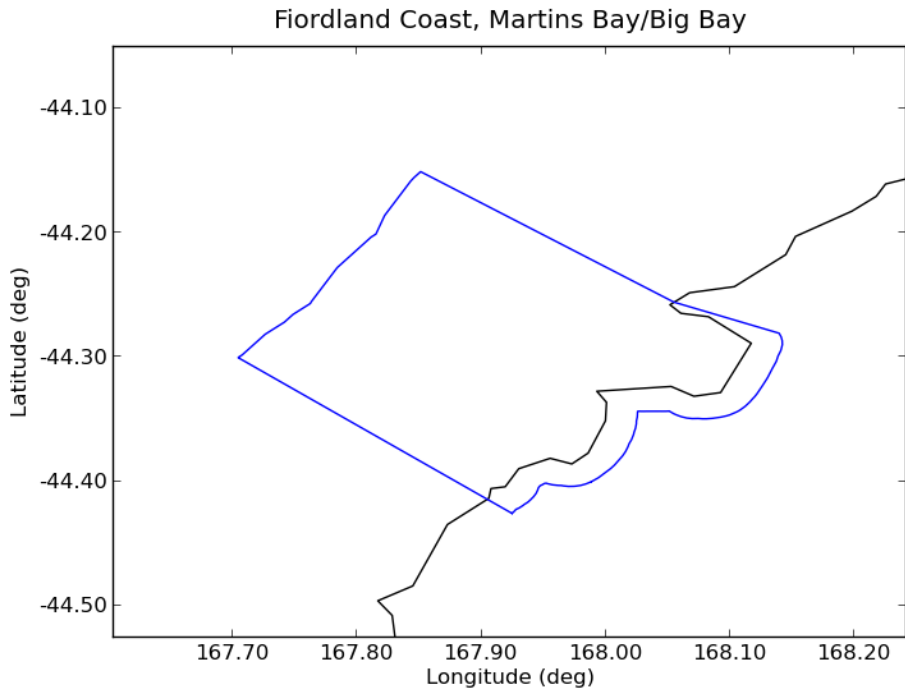
Deaggregation of Zone:210, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0495 m



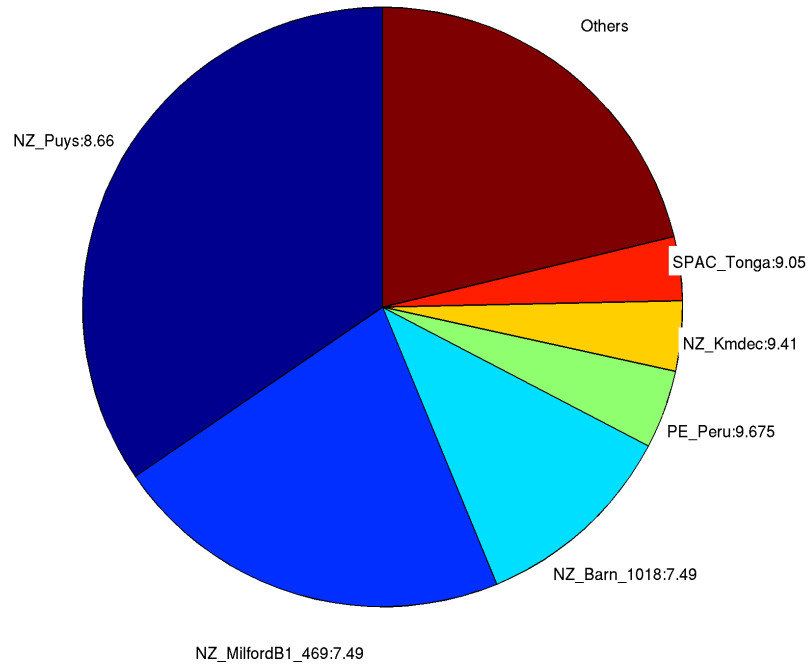
Deaggregation of Zone:210, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.1348 m



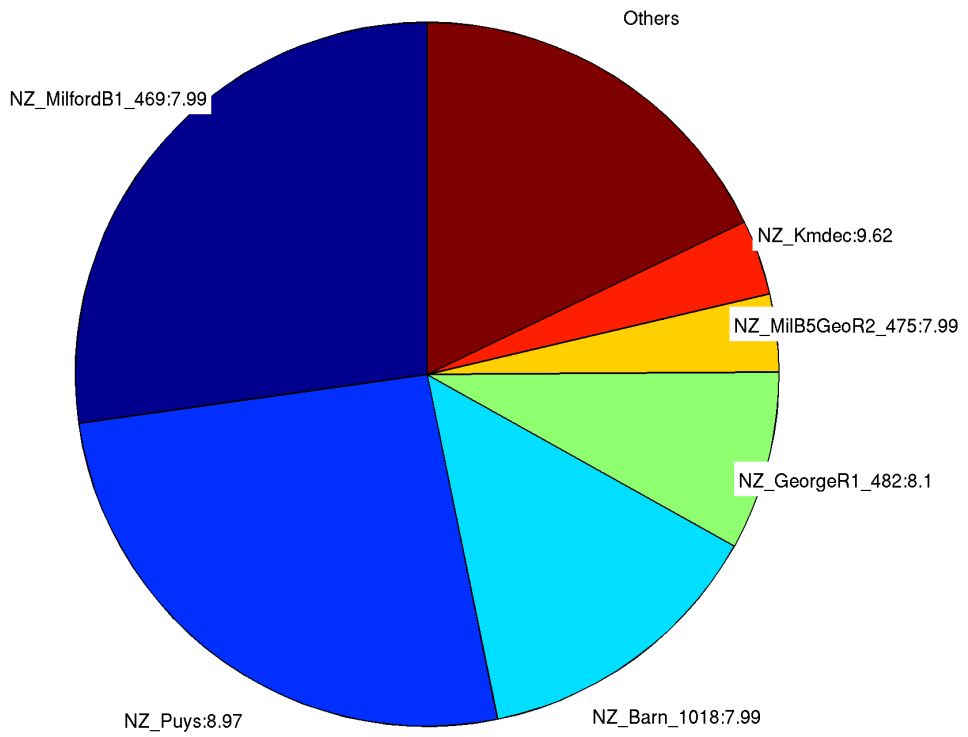
## 211. Martins Bay/Big Bay



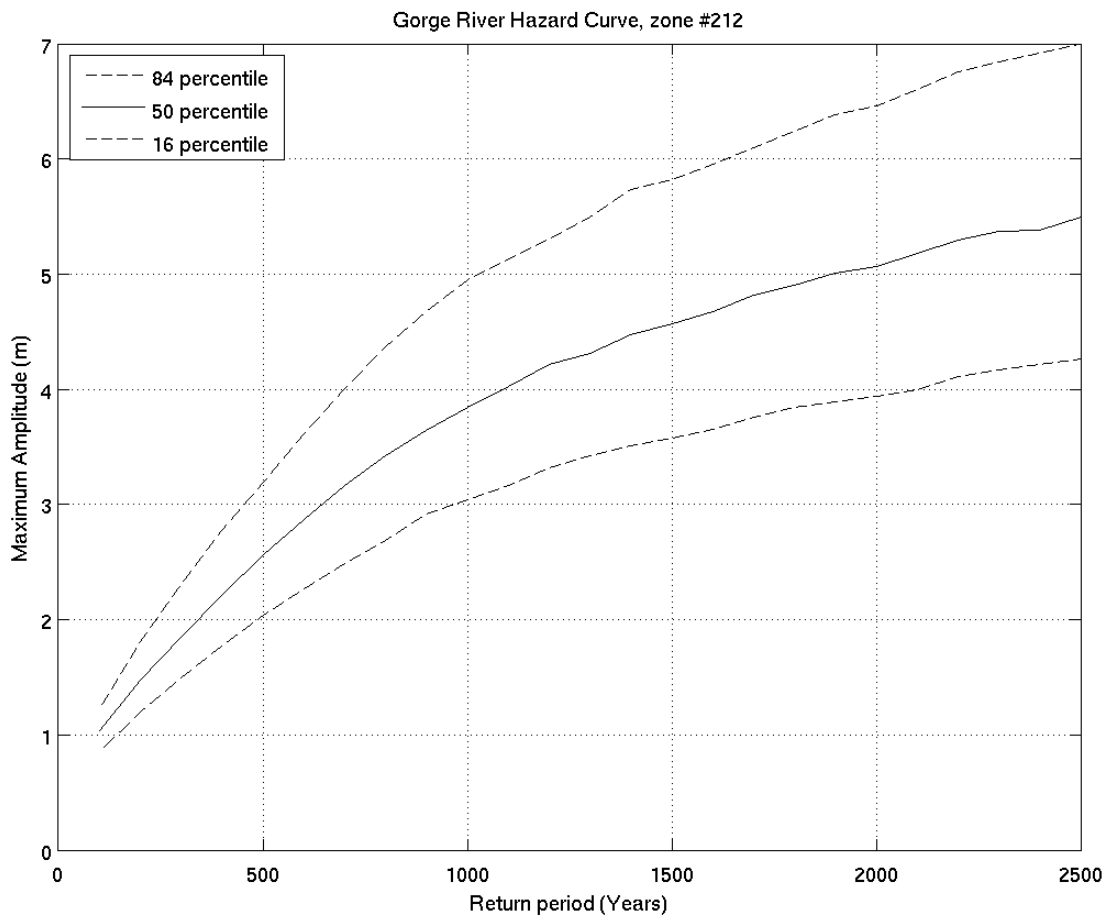
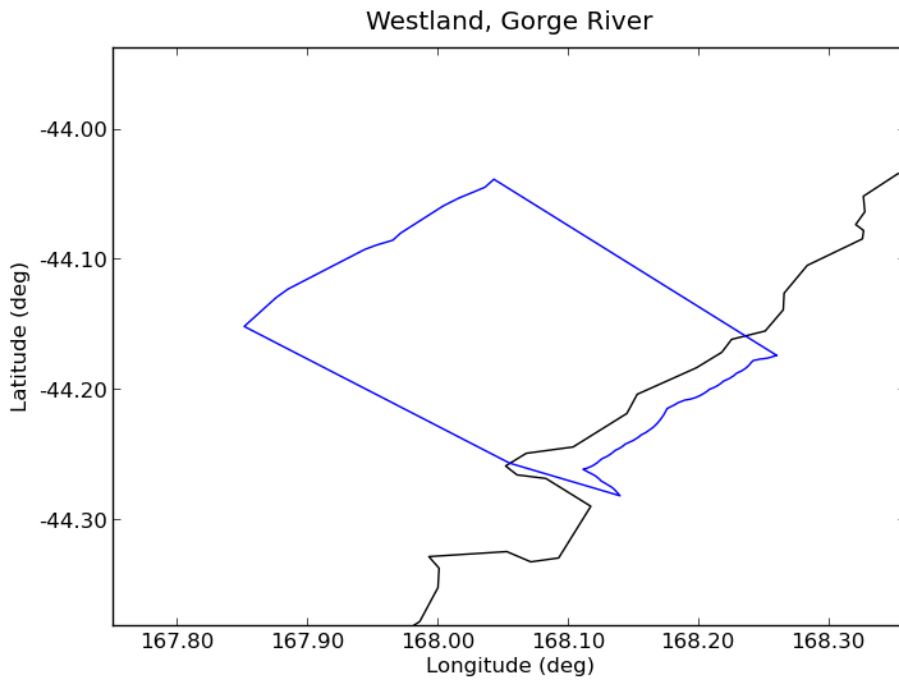
Deaggregation of Zone:211, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5039 m



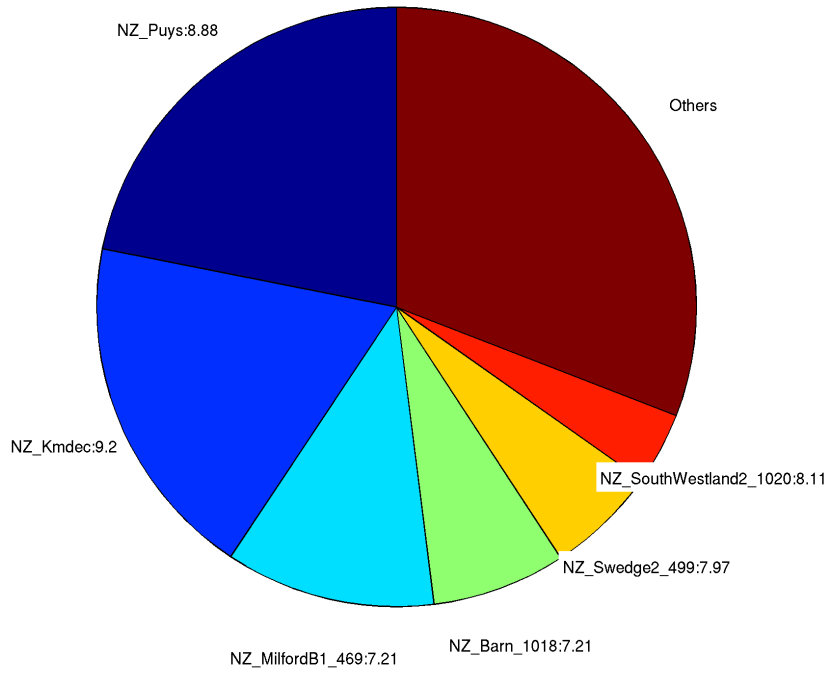
Deaggregation of Zone:211, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2373 m



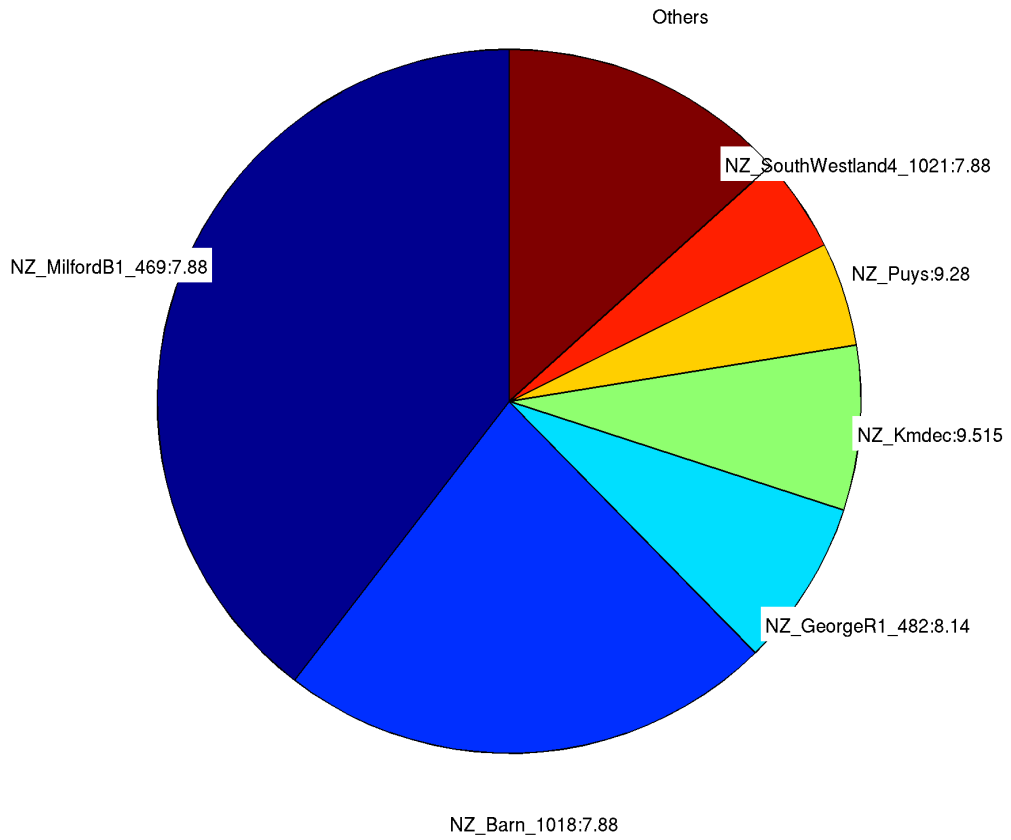
## 212. Gorge River



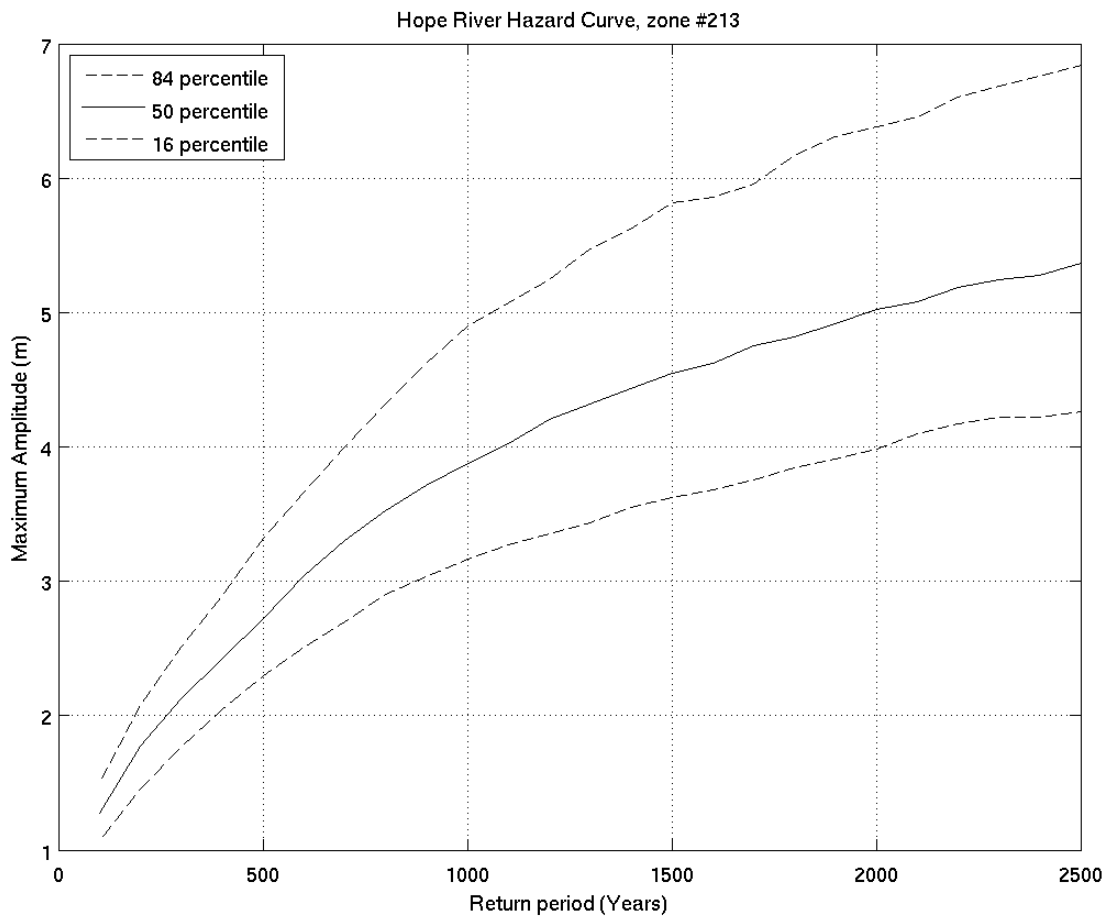
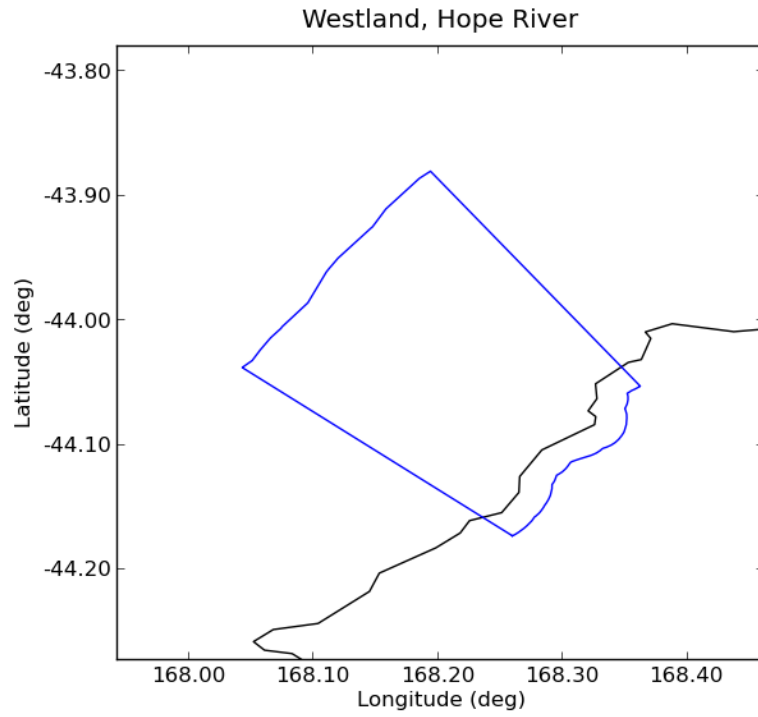
Deaggregation of Zone:212, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.5546 m



Deaggregation of Zone:212, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.4954 m

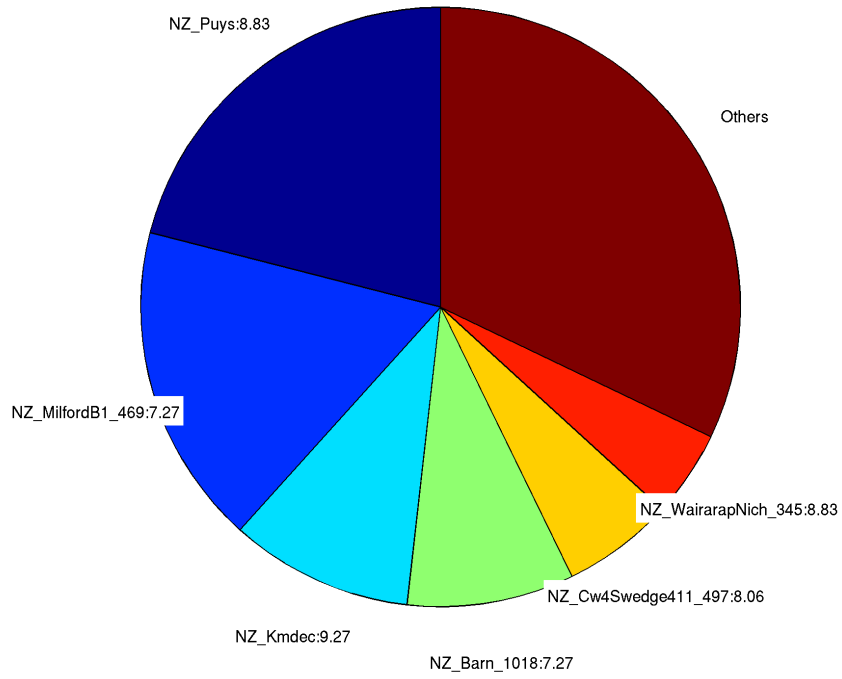


213. *Hope River*

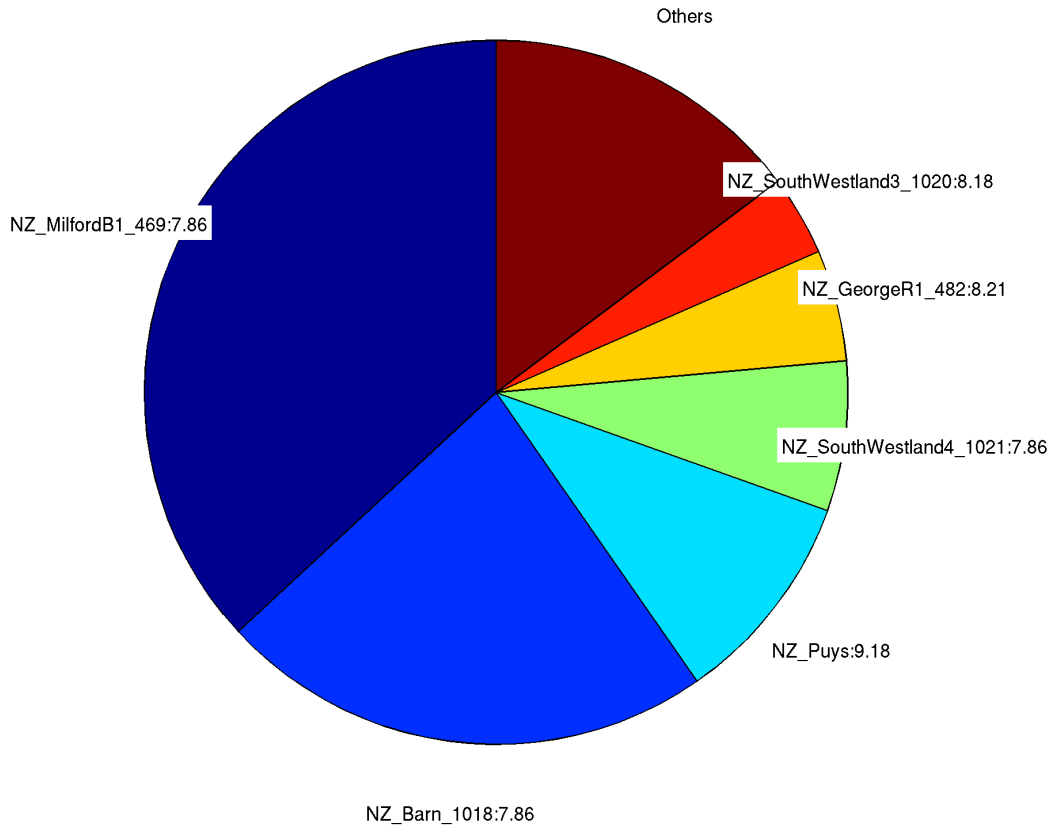




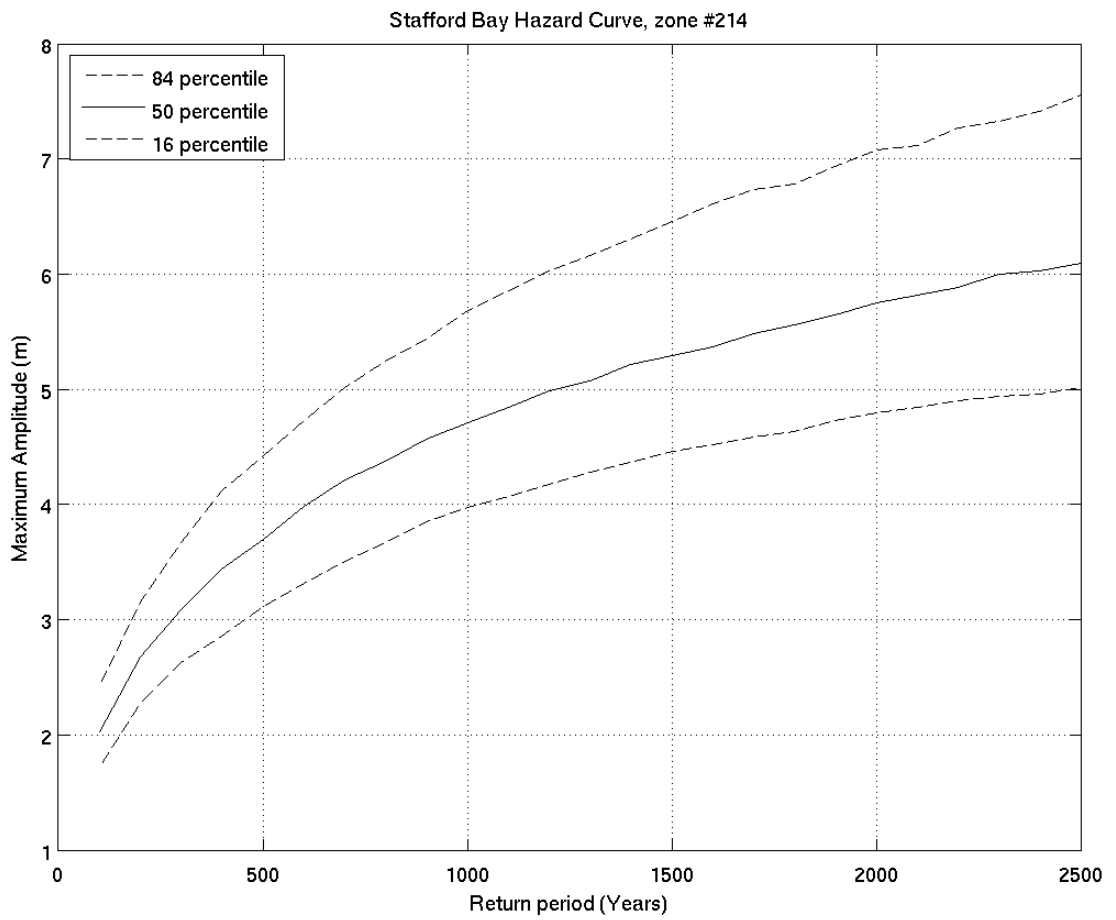
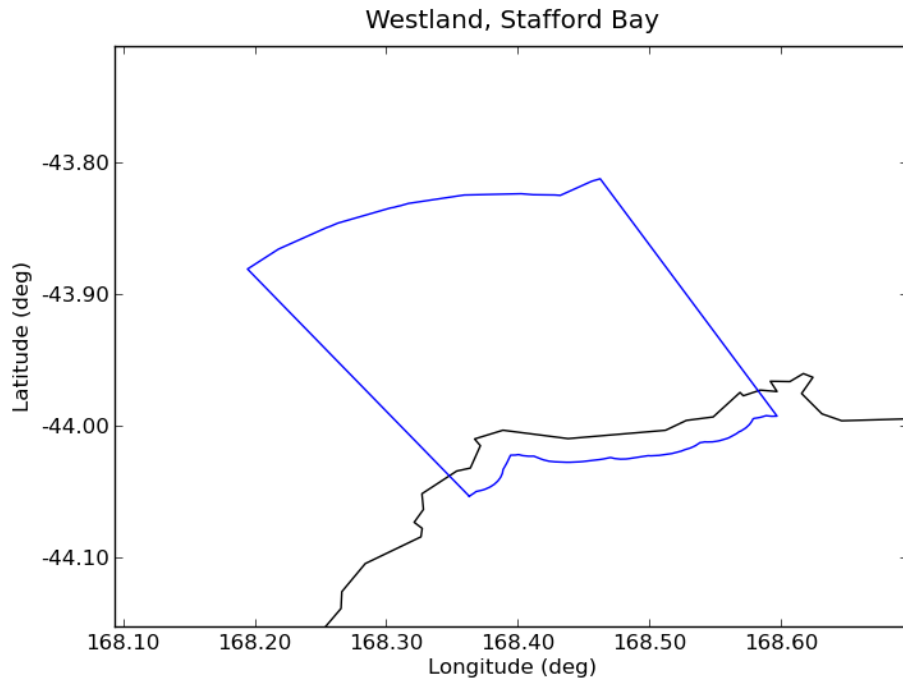
Deaggregation of Zone:213, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.7227 m



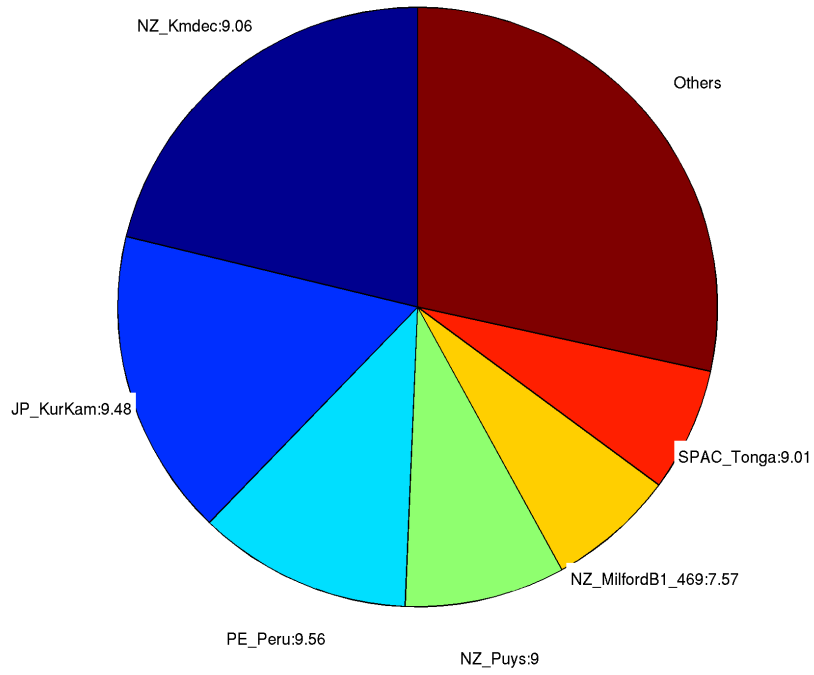
Deaggregation of Zone:213, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.3703 m



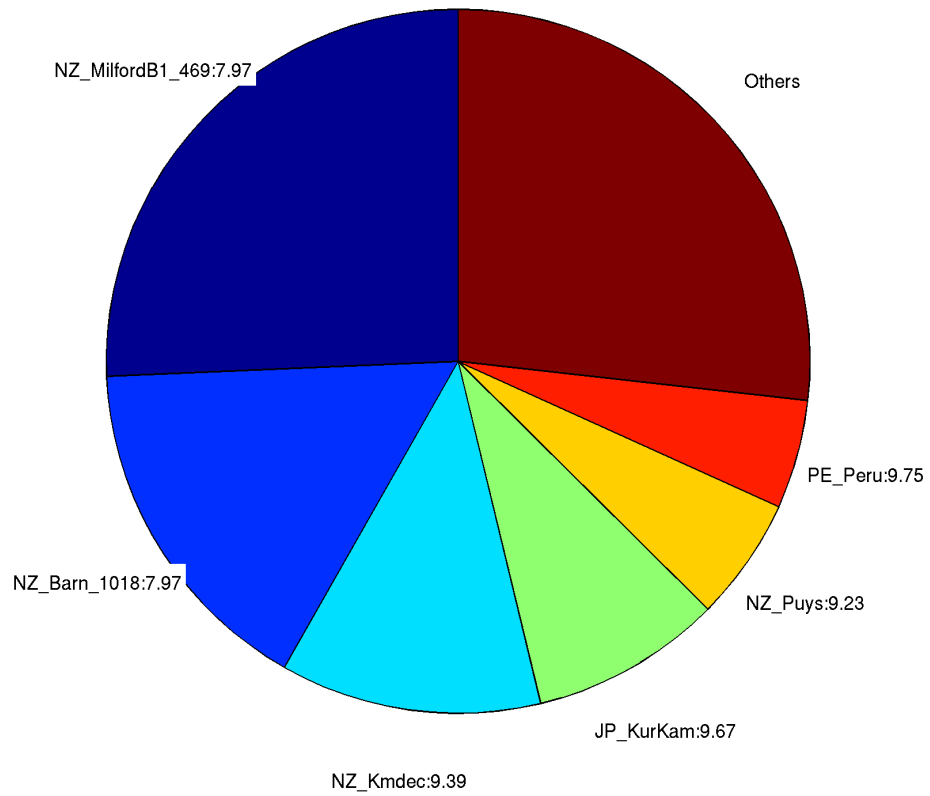
## 214. *Stafford Bay*



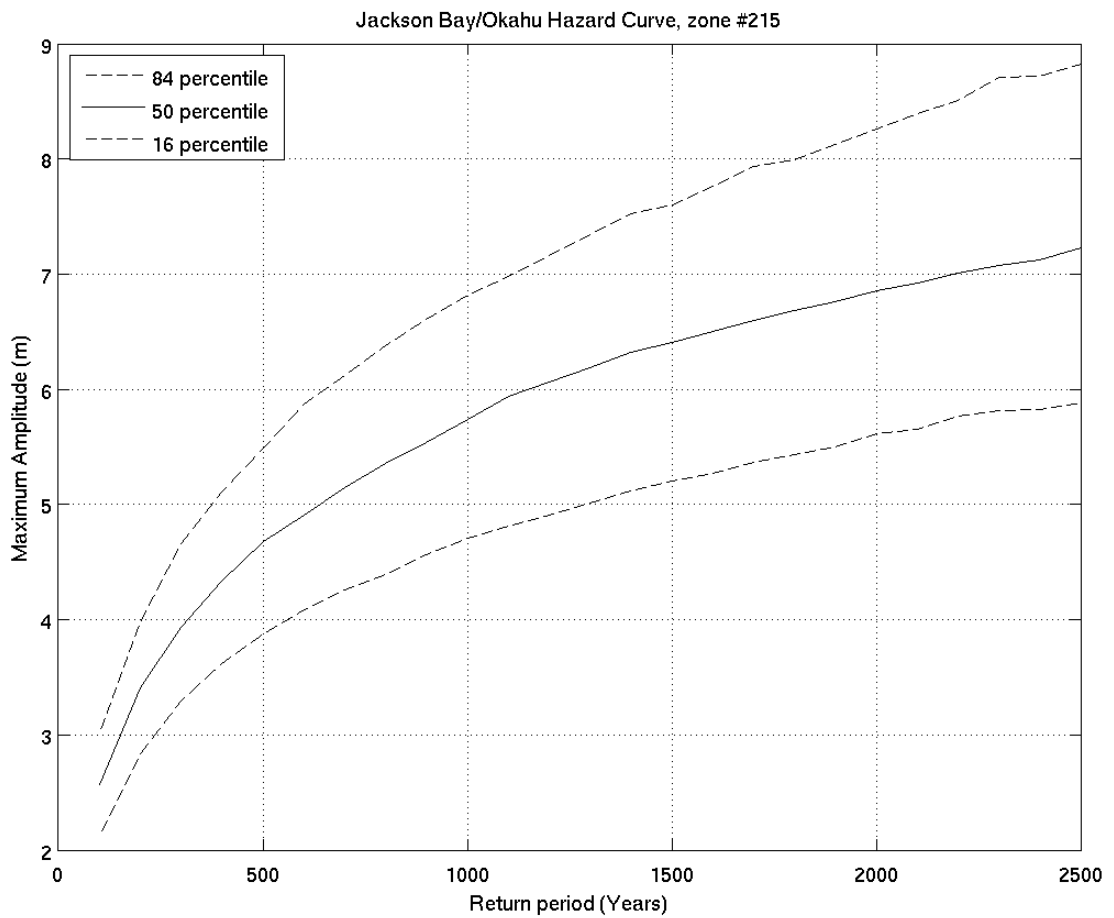
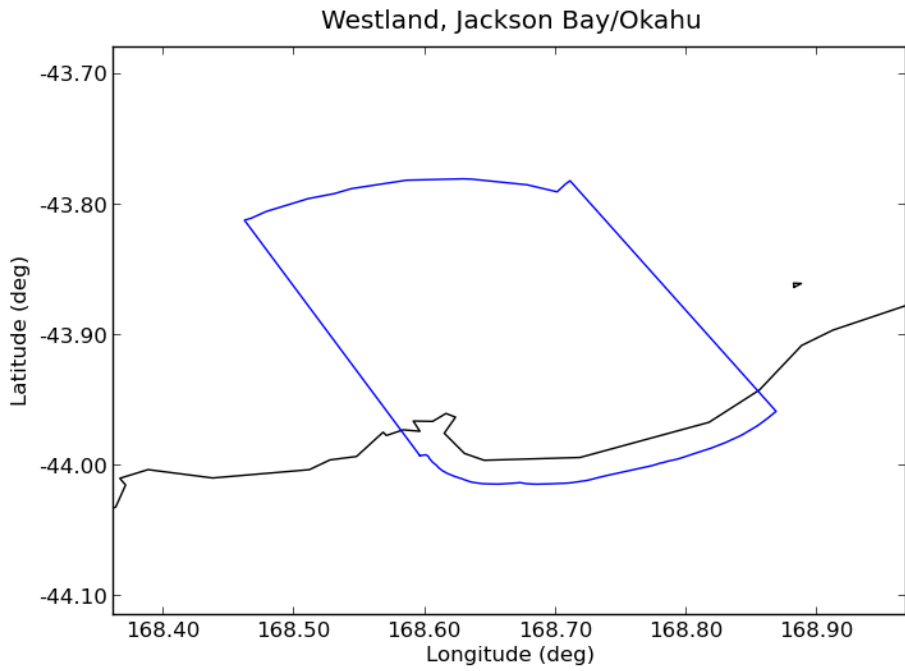
Deaggregation of Zone:214, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6878 m



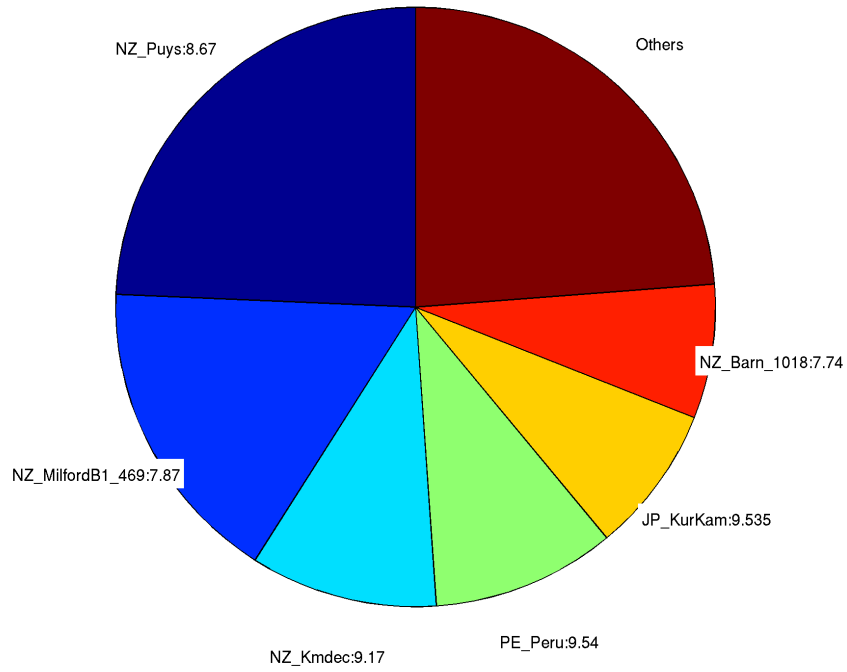
Deaggregation of Zone:214, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0954 m



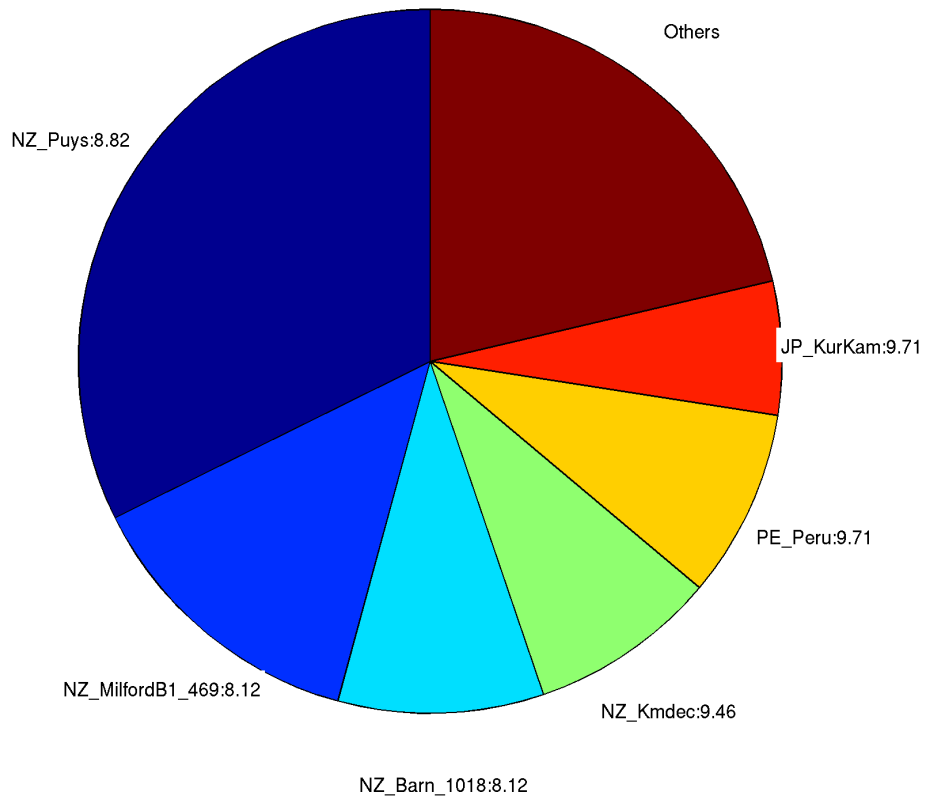
215. Jackson Bay/Okahu



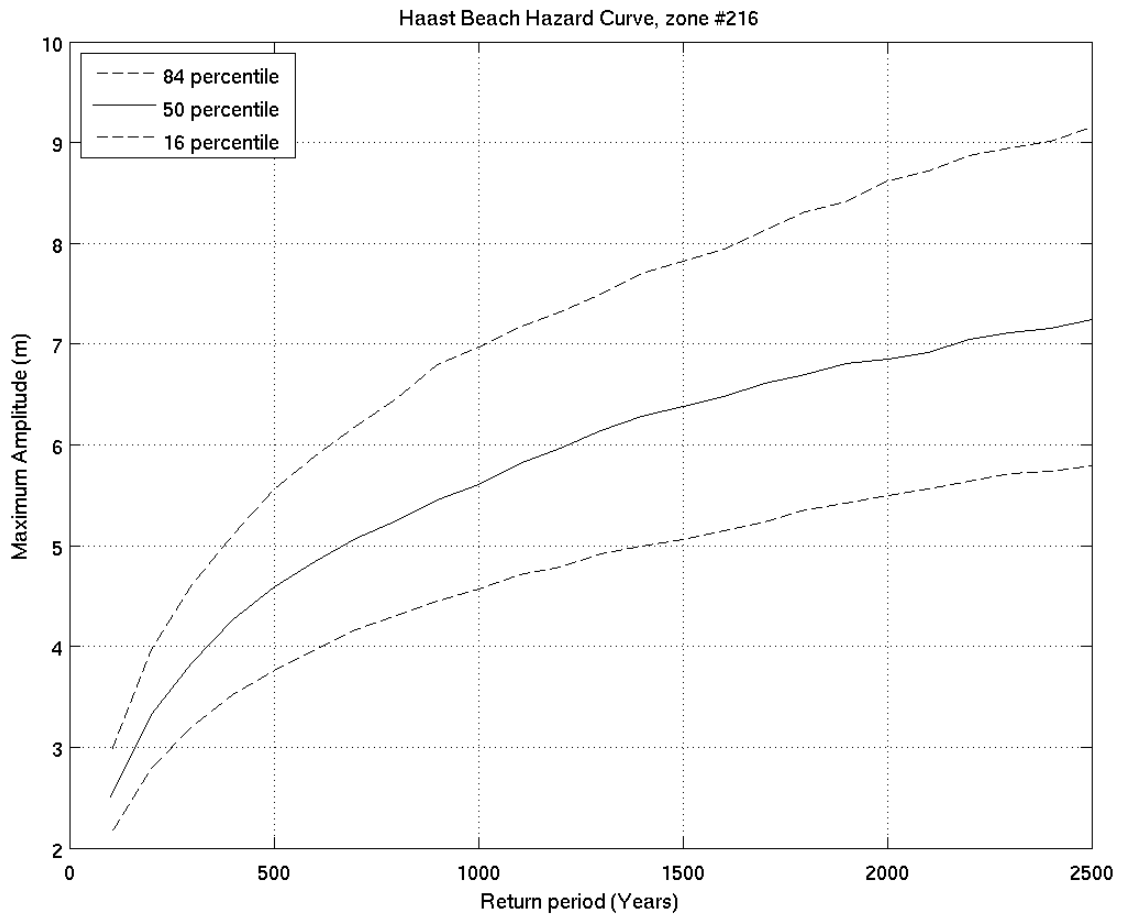
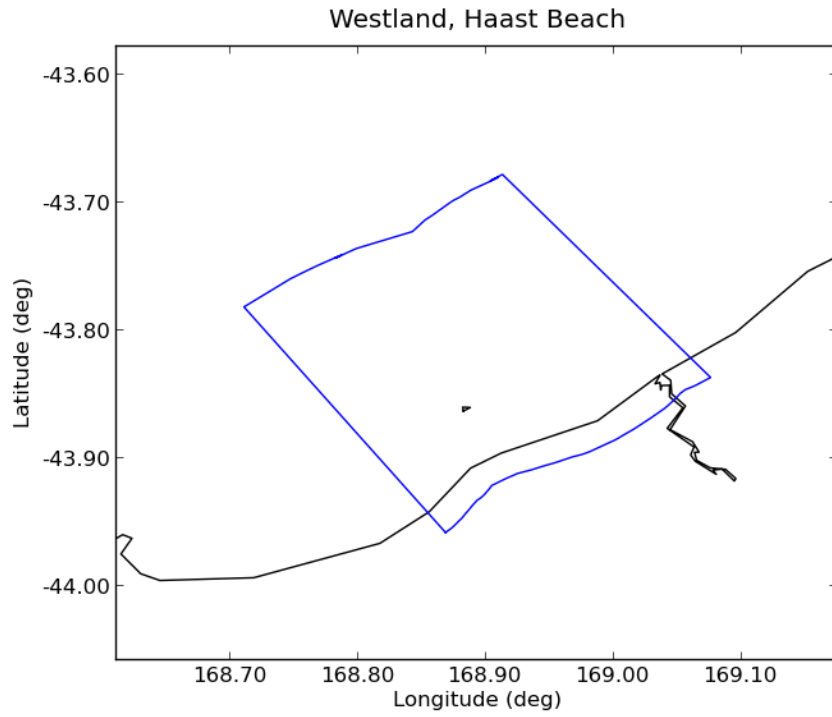
Deaggregation of Zone:215, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6689 m



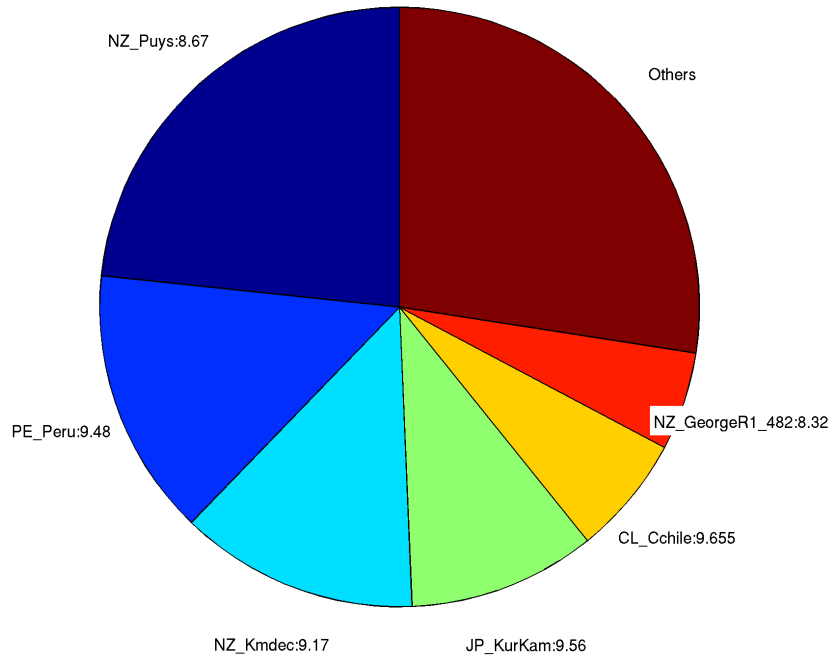
Deaggregation of Zone:215, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2236 m



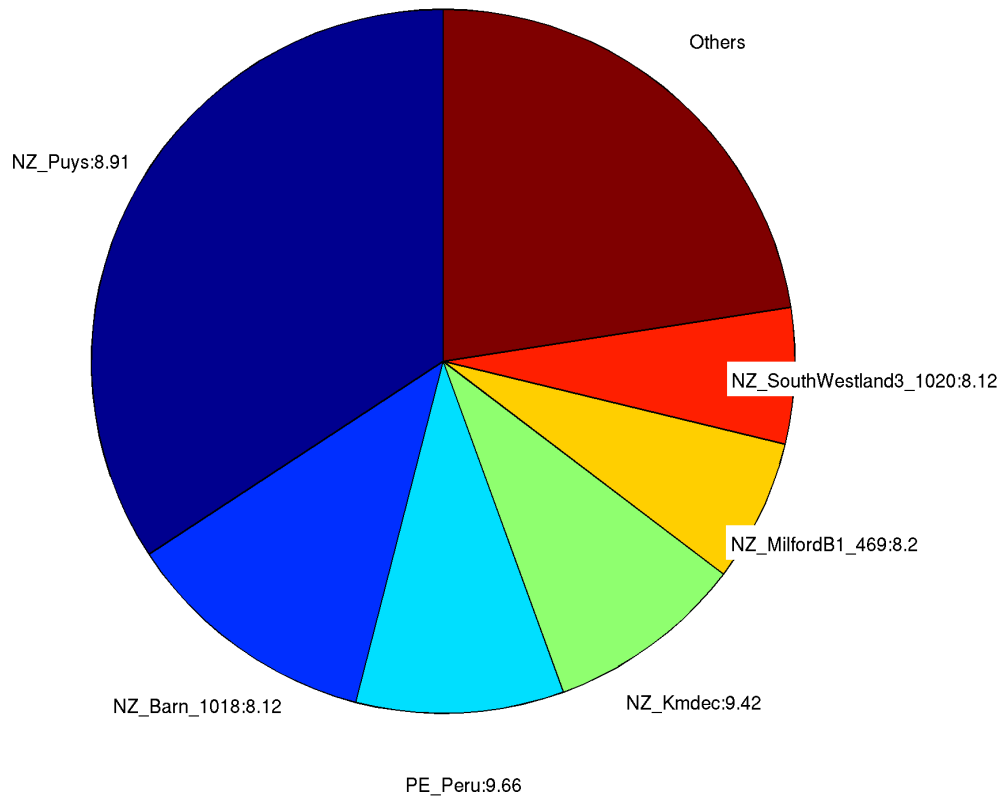
216. *Haast Beach*



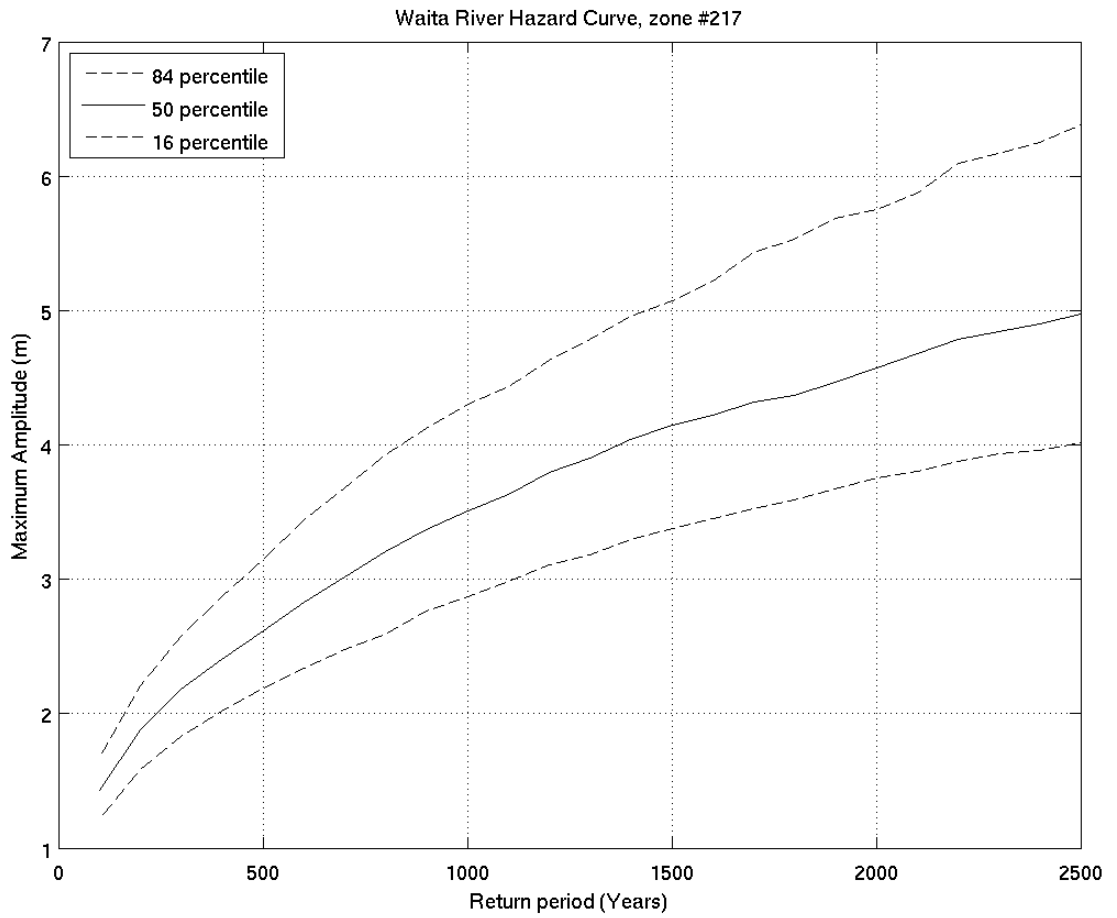
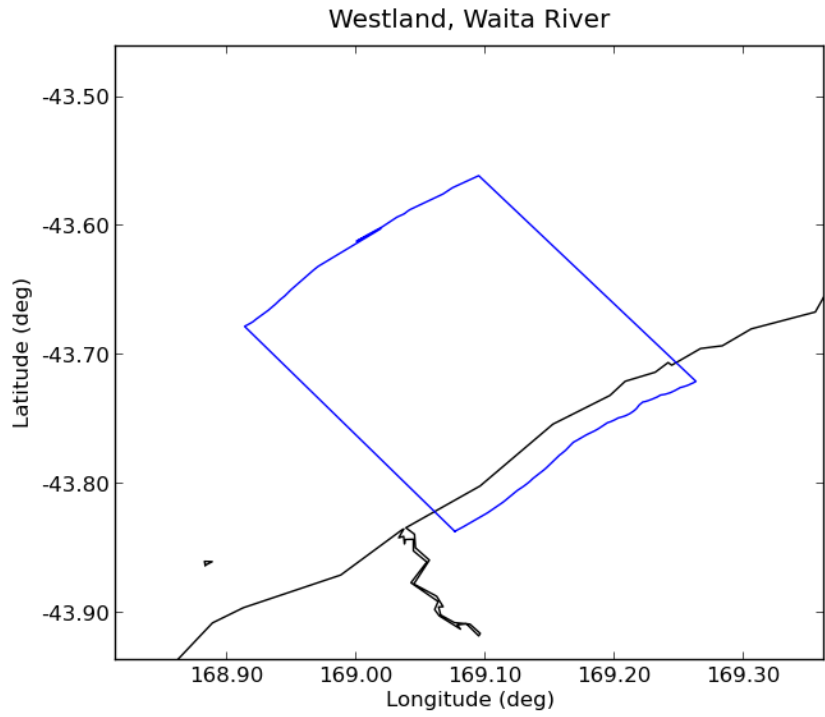
Deaggregation of Zone:216, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.5844 m



Deaggregation of Zone:216, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2444 m

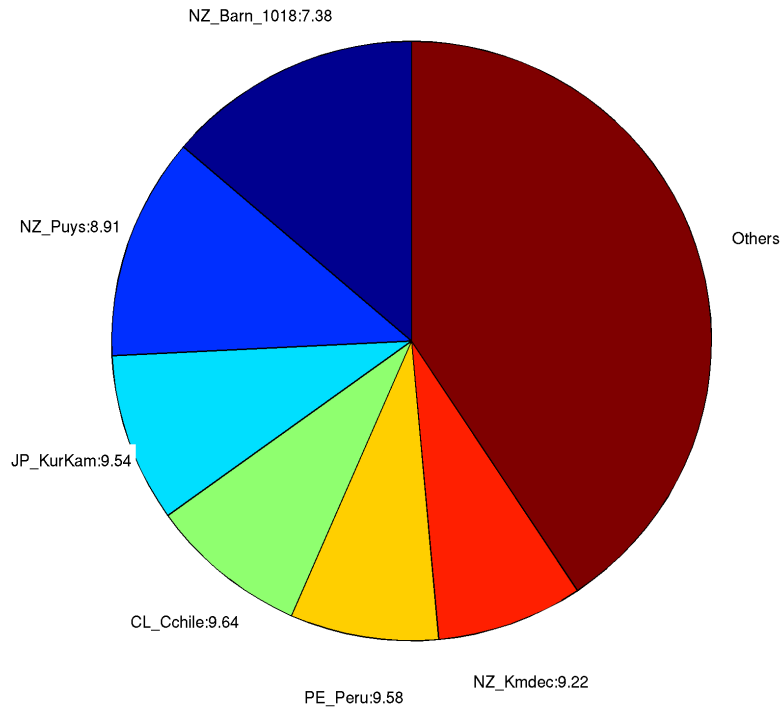


217. *Waita River*

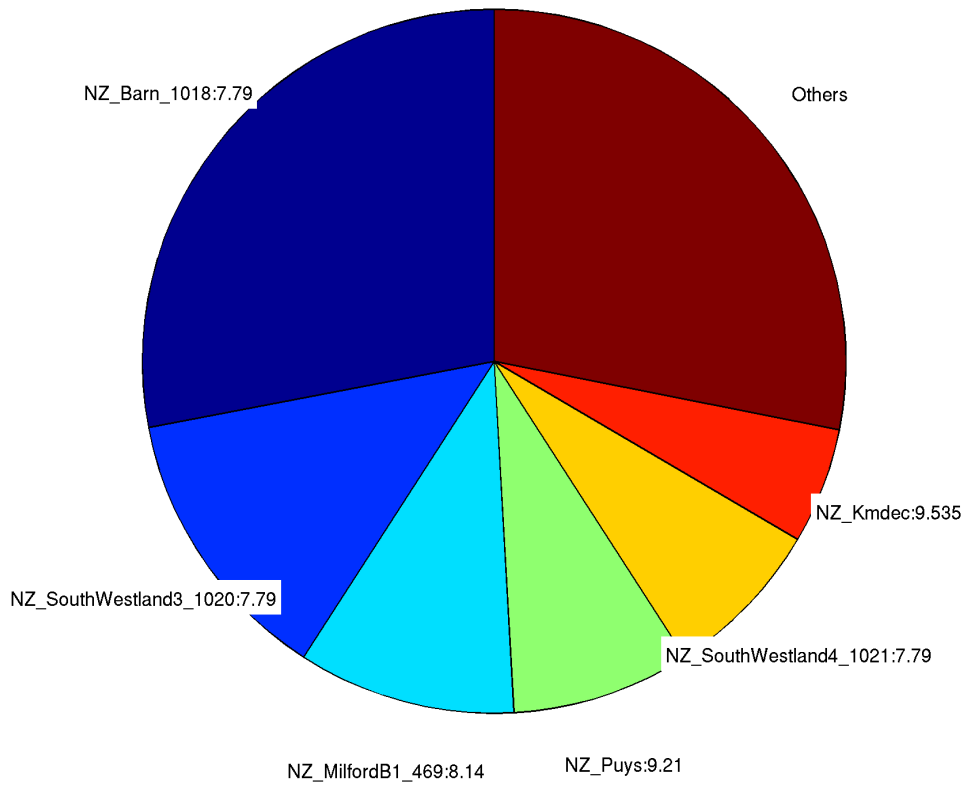




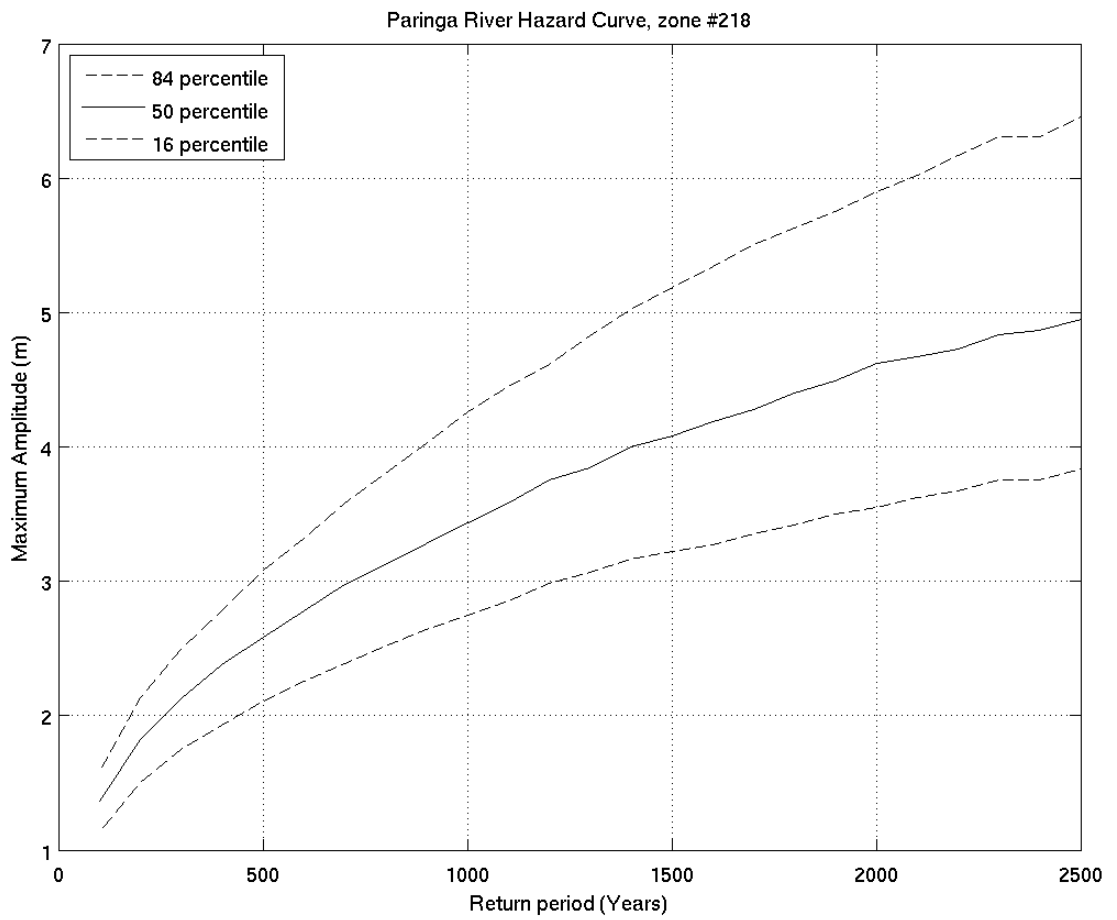
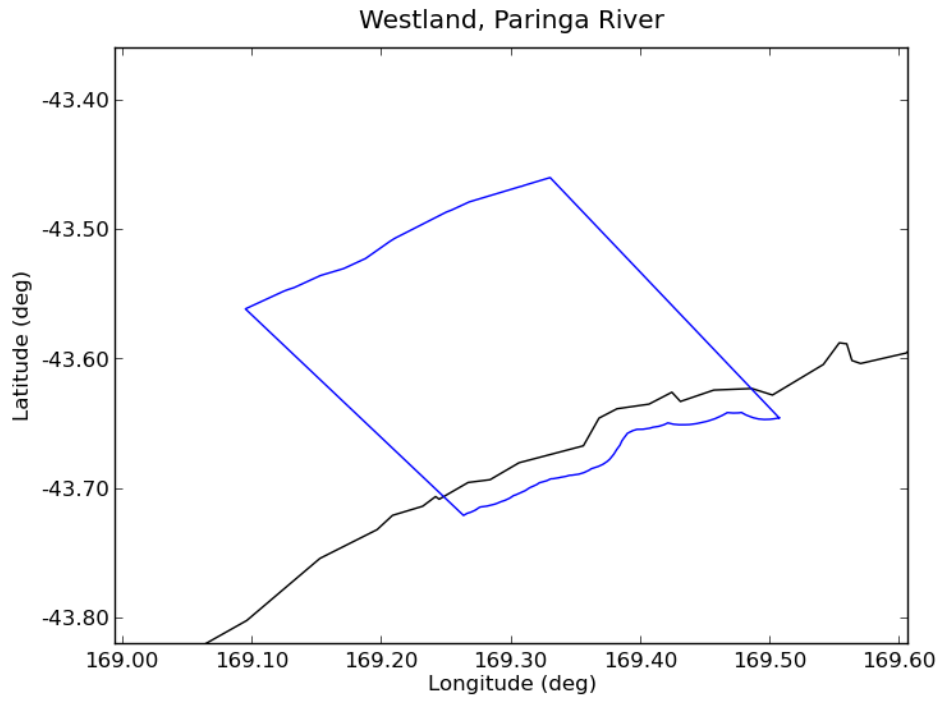
Deaggregation of Zone:217, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.6192 m



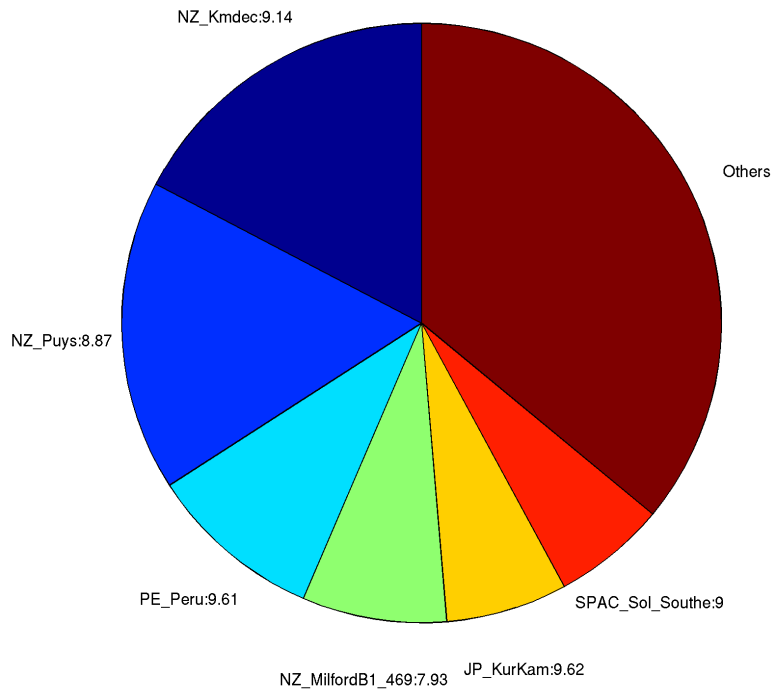
Deaggregation of Zone:217, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.974 m



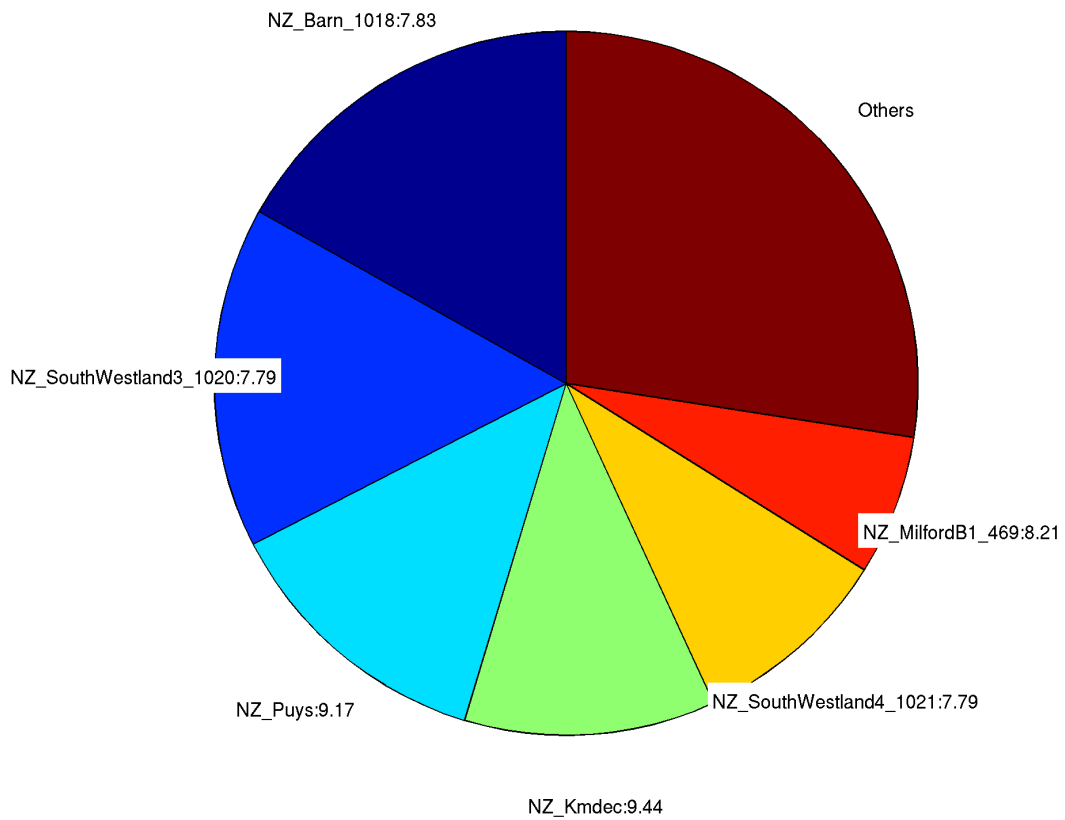
218. *Paringa River*



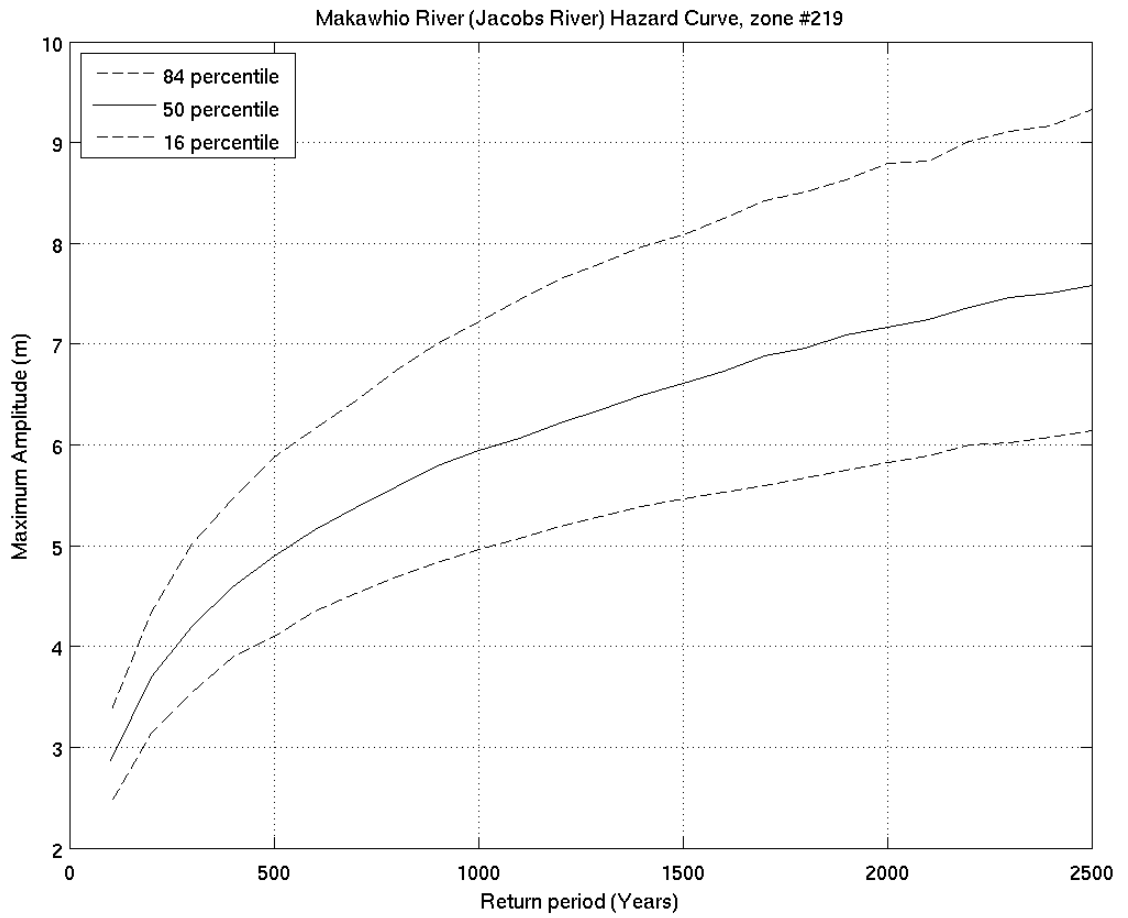
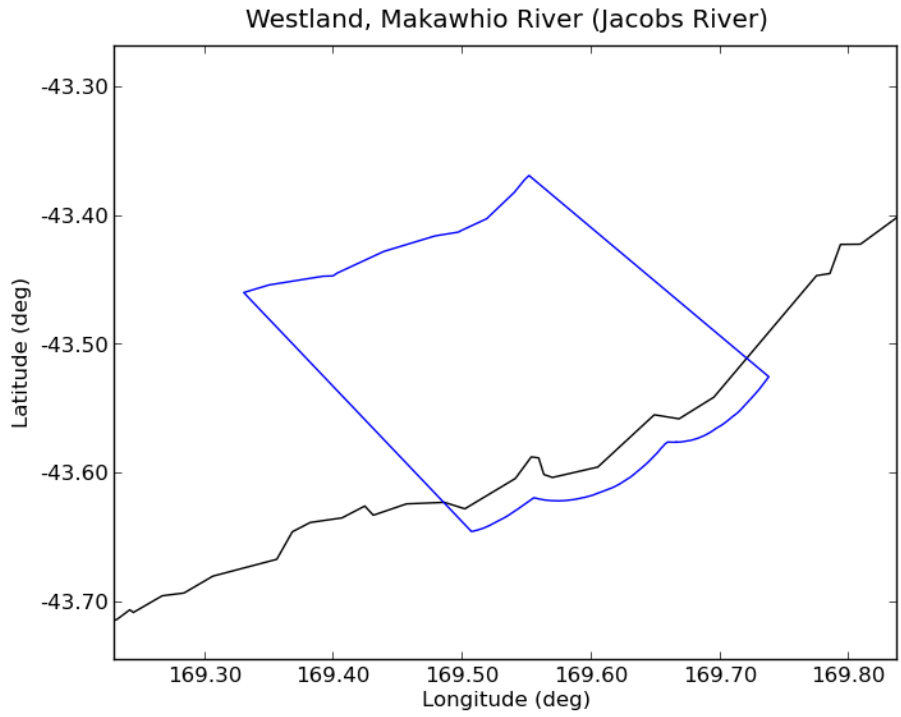
Deaggregation of Zone:218, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.5831 m



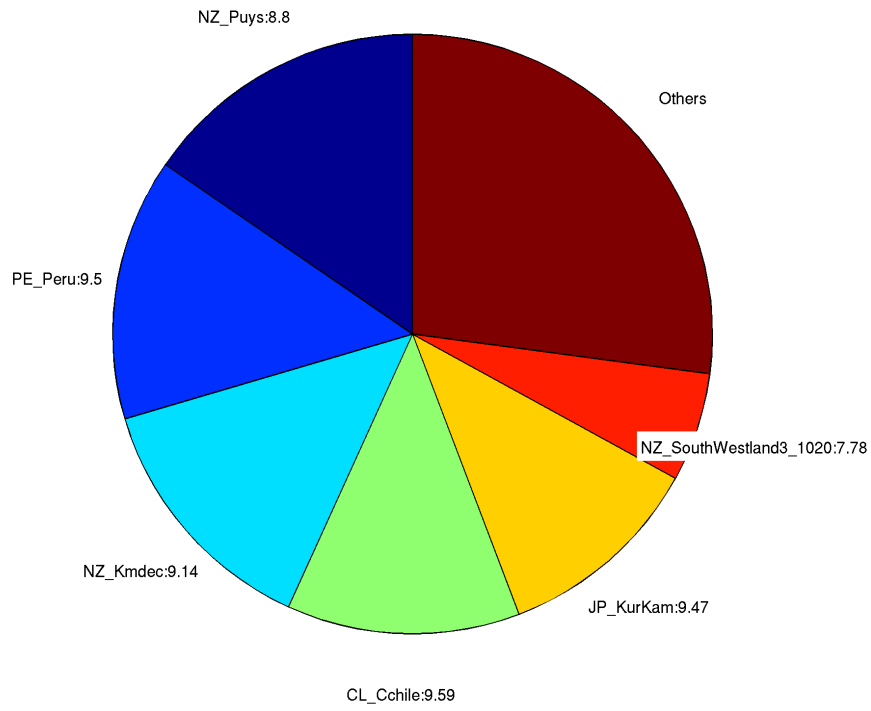
Deaggregation of Zone:218, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.9473 m



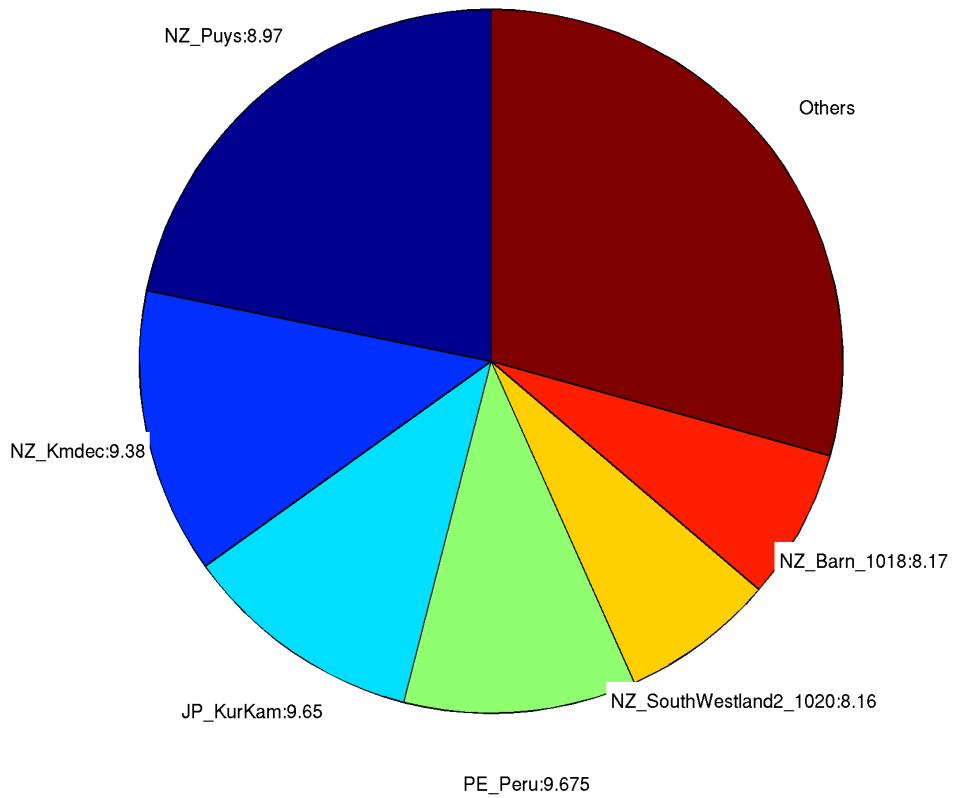
219. *Makawhio River (Jacobs River)*



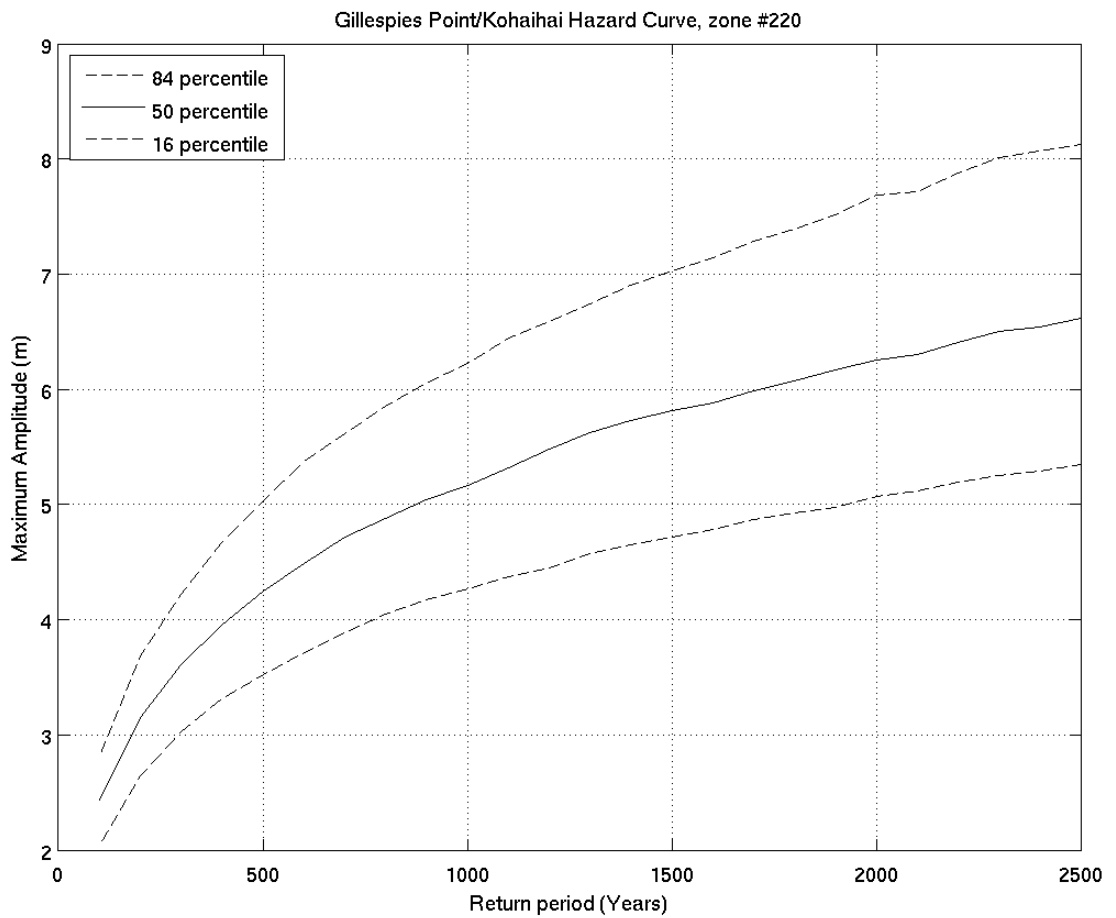
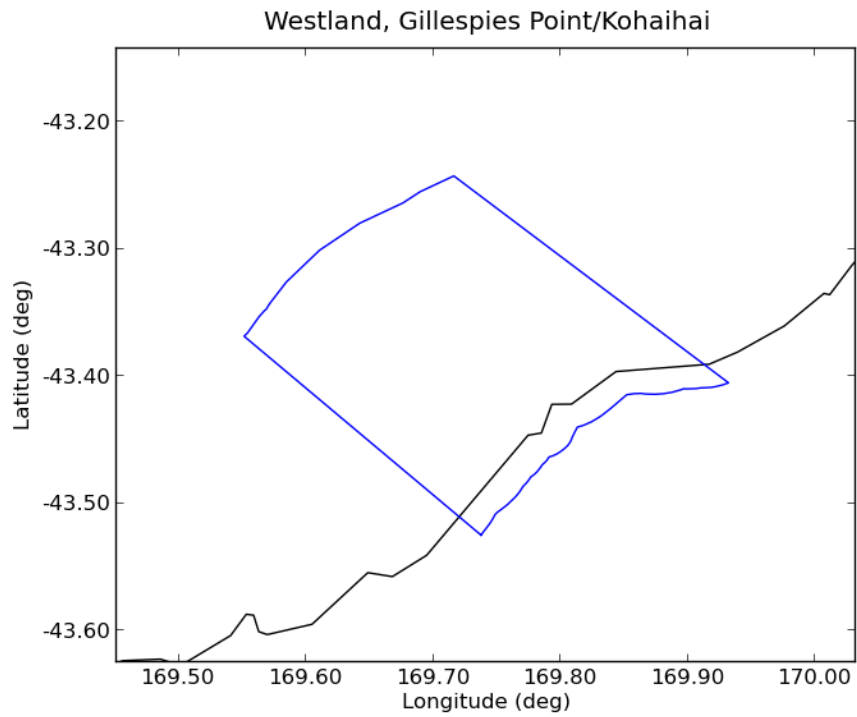
Deaggregation of Zone:219, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8984 m



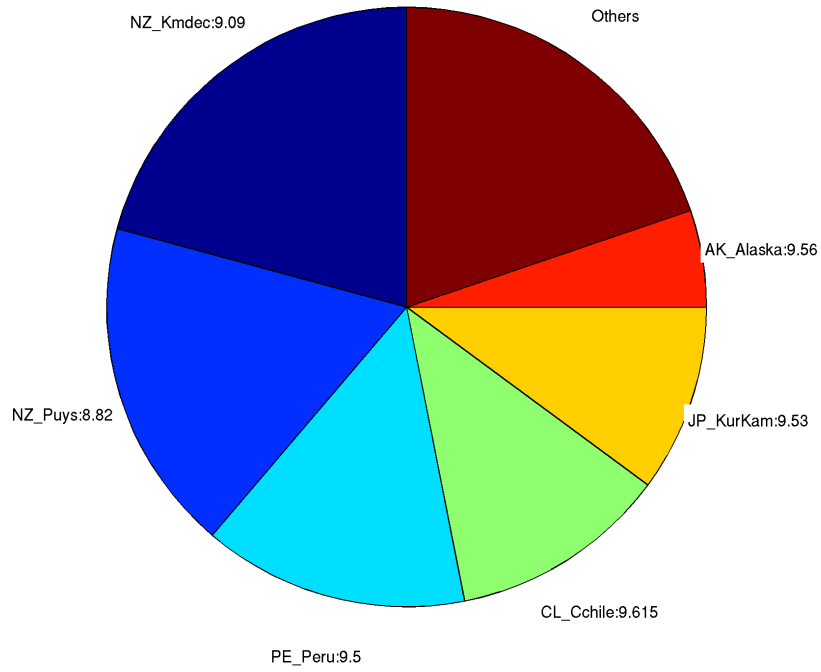
Deaggregation of Zone:219, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5858 m



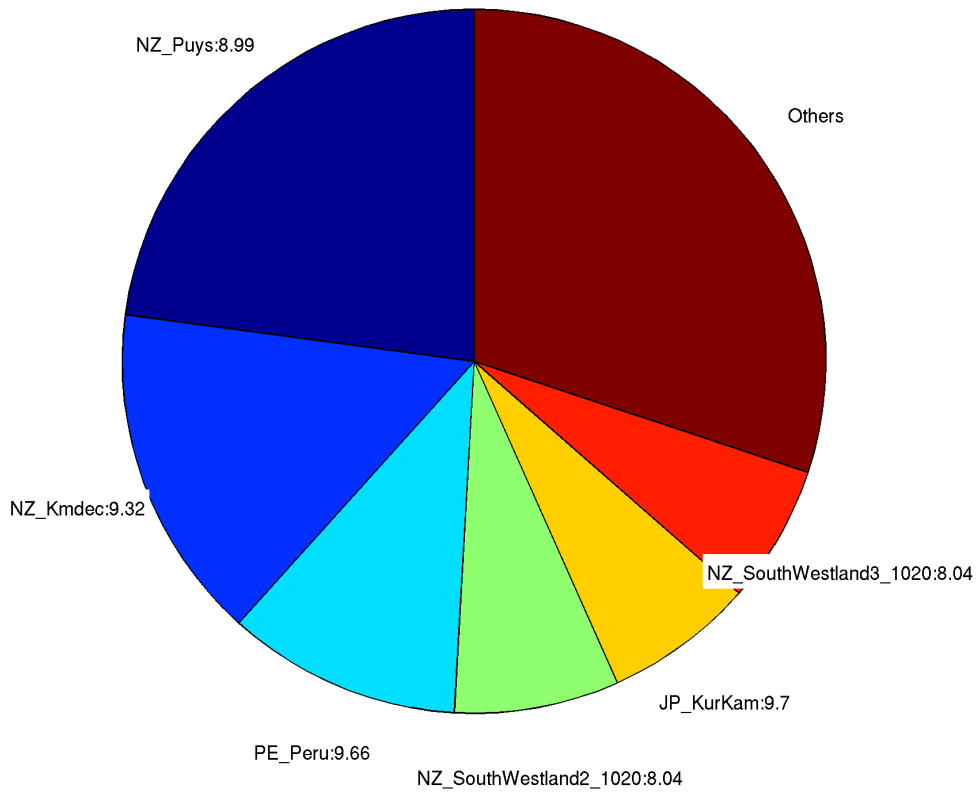
220. *Gillespies Point/Kohaihai*



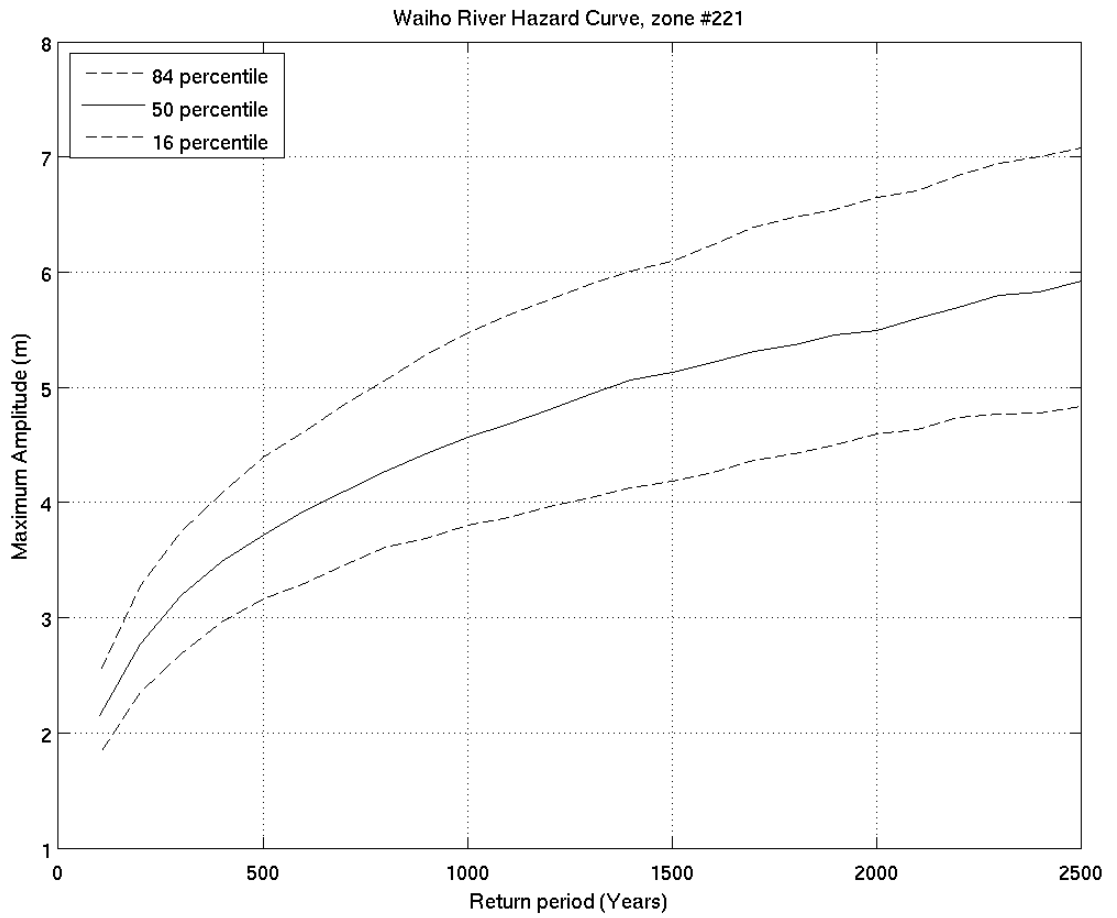
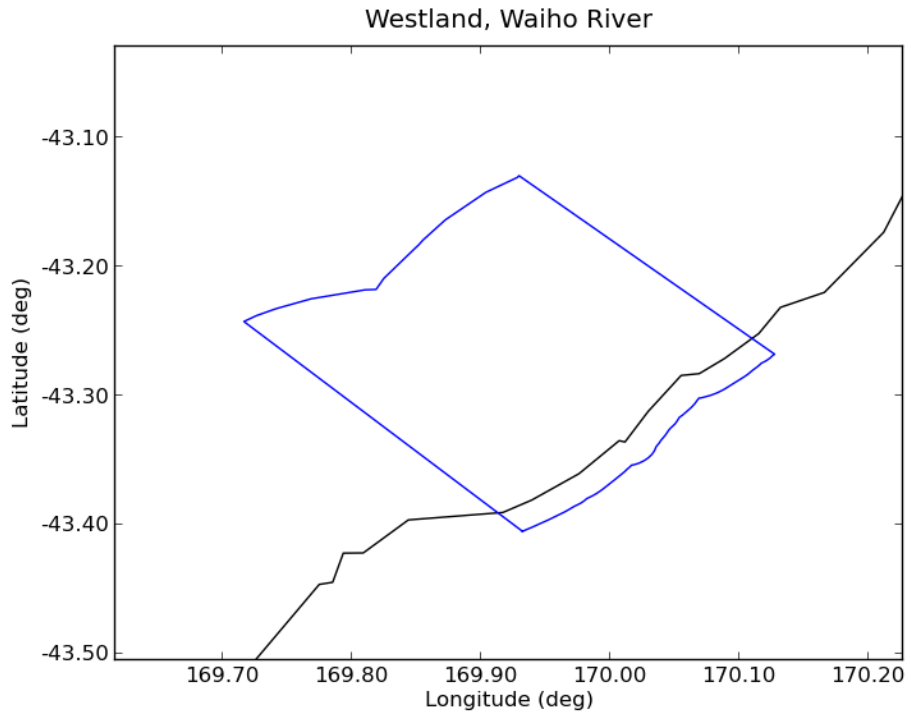
Deaggregation of Zone:220, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.2418 m



Deaggregation of Zone:220, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6062 m

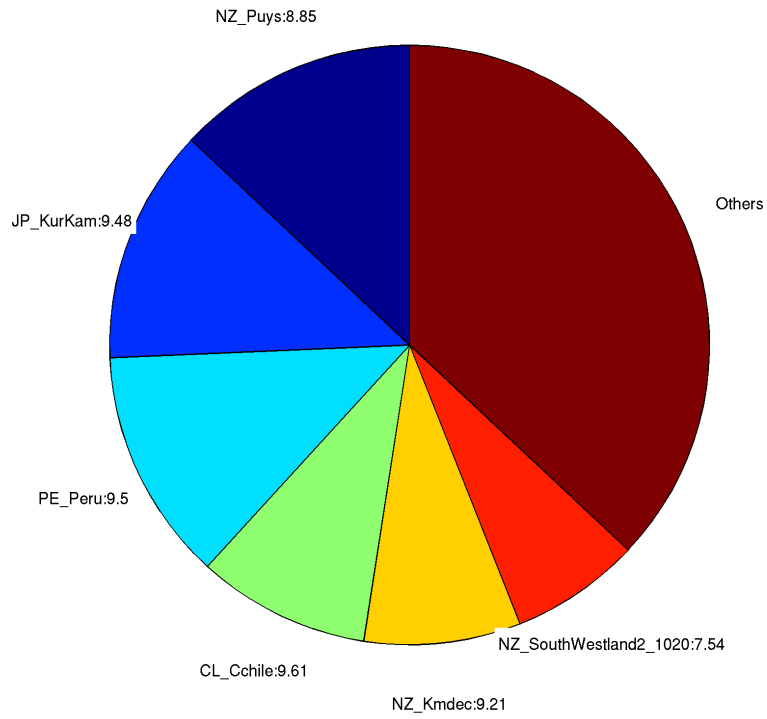


221. *Waiho River*

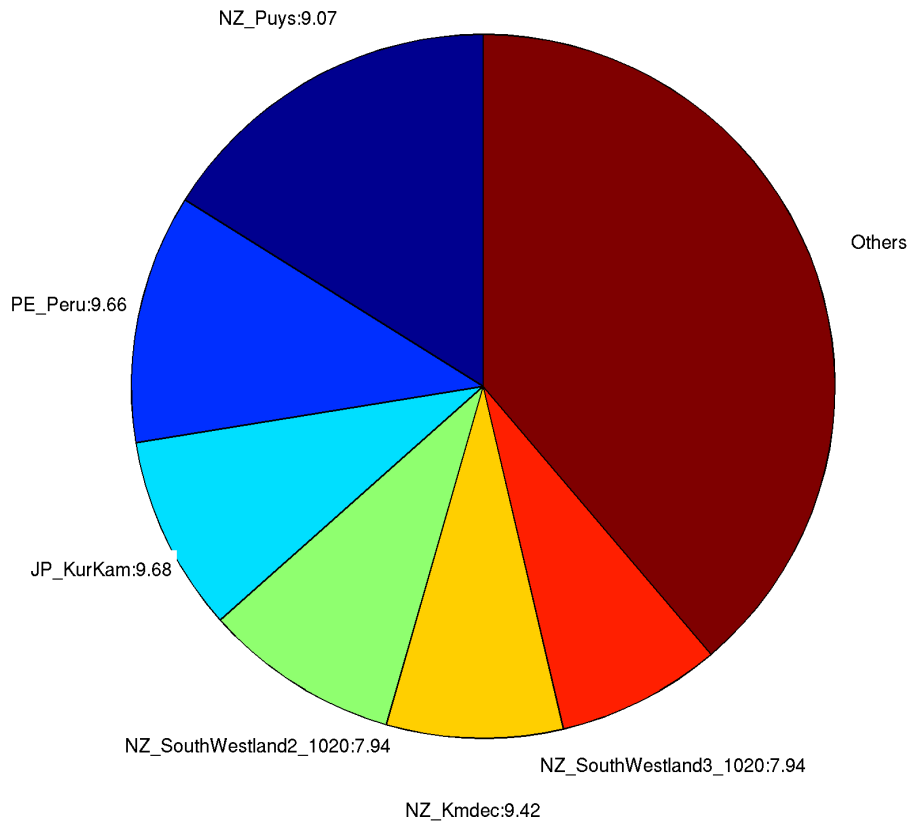




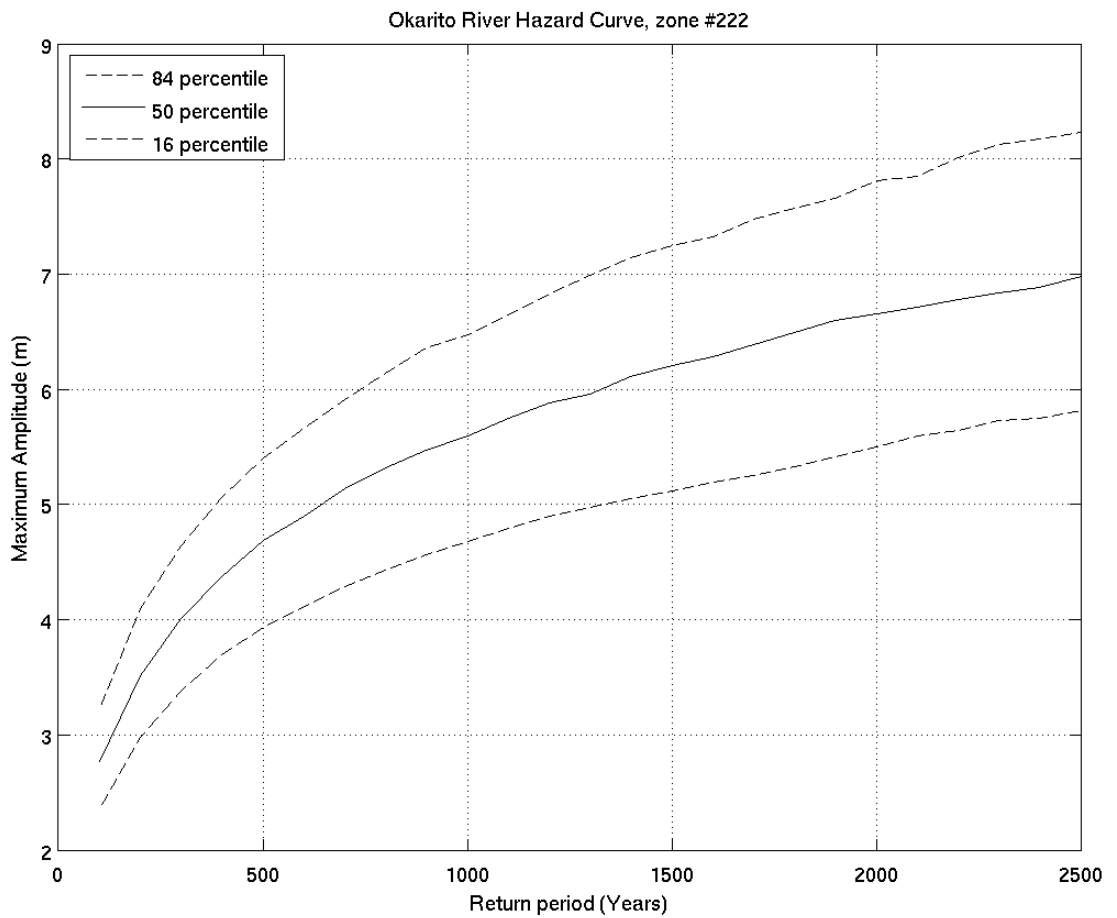
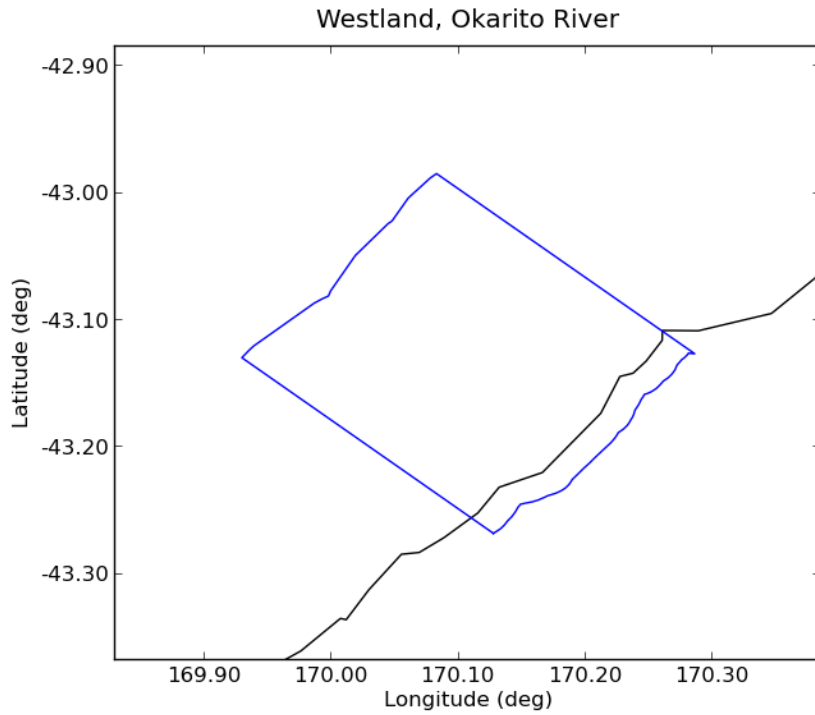
Deaggregation of Zone:221, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.7154 m



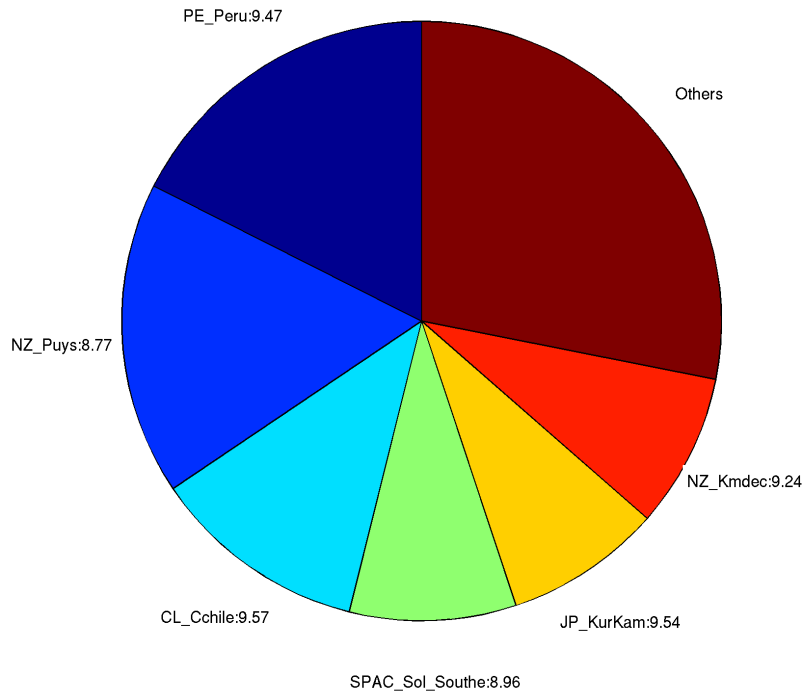
Deaggregation of Zone:221, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9192 m



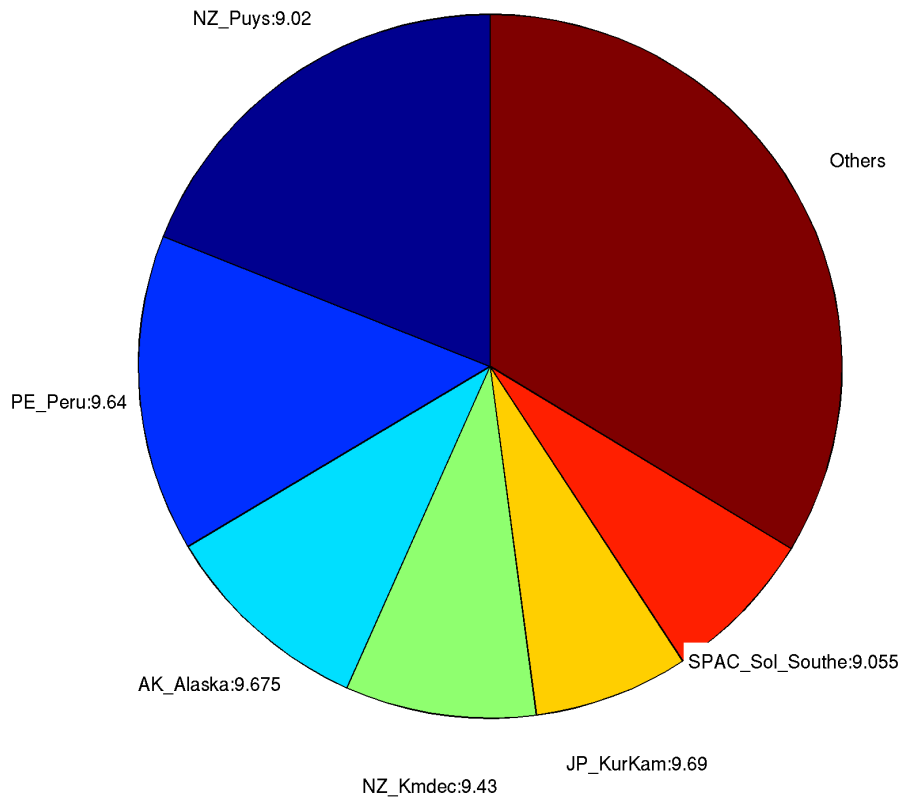
222. Okarito River



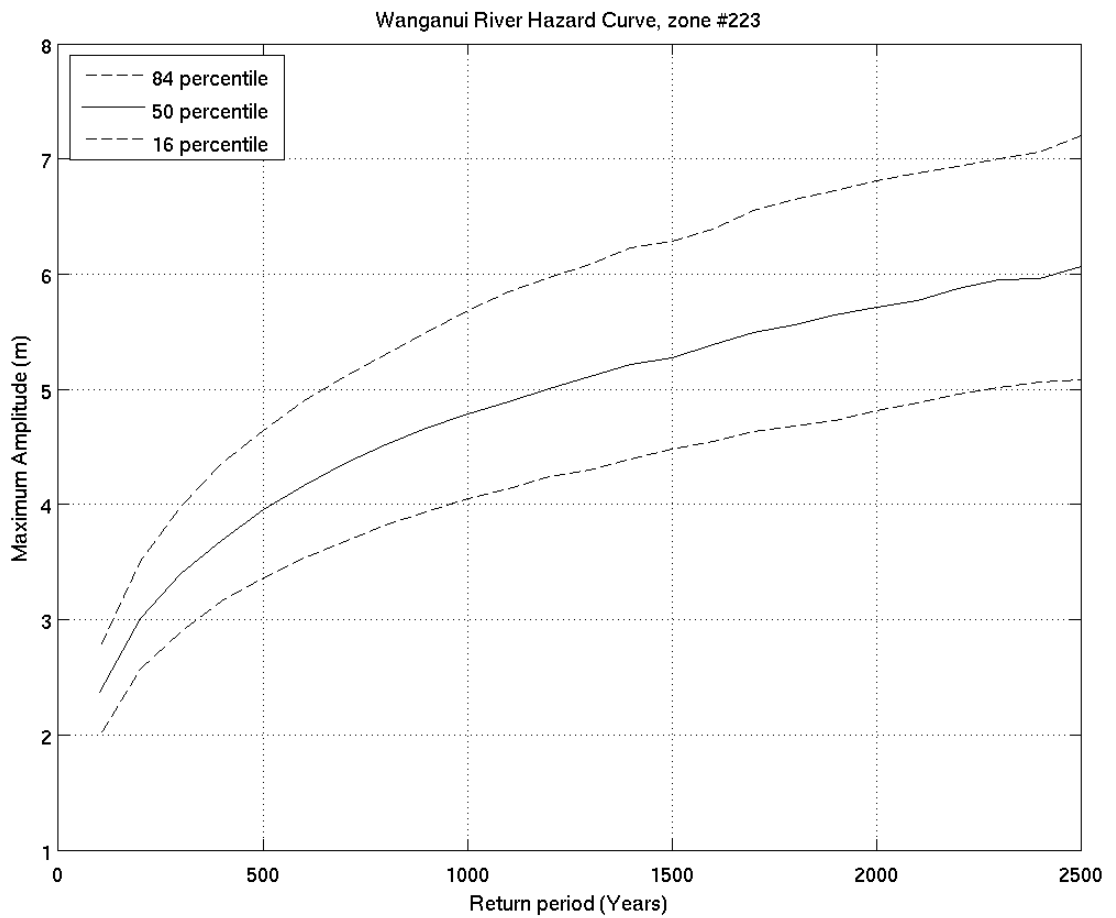
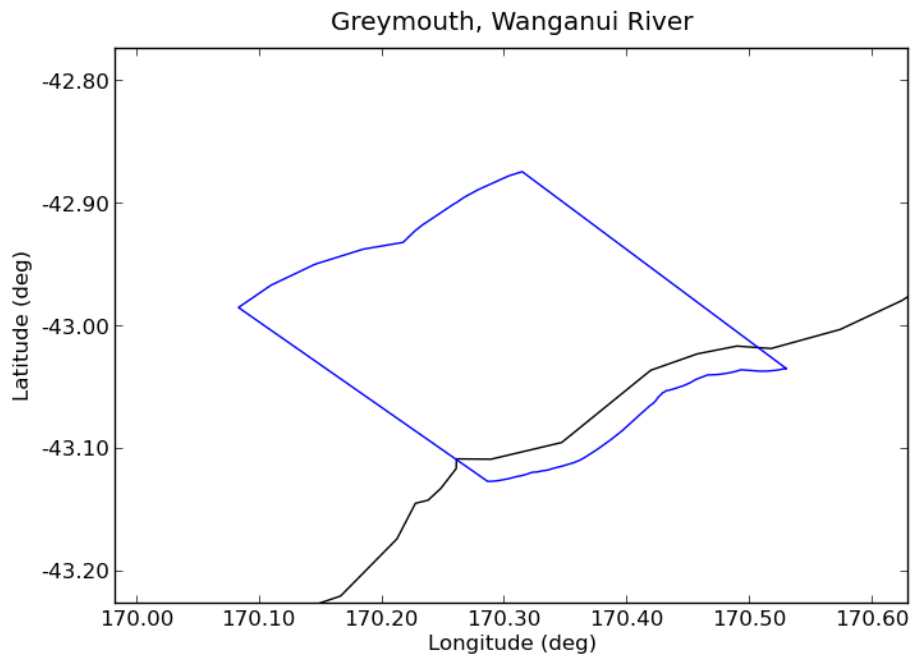
Deaggregation of Zone:222, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6856 m



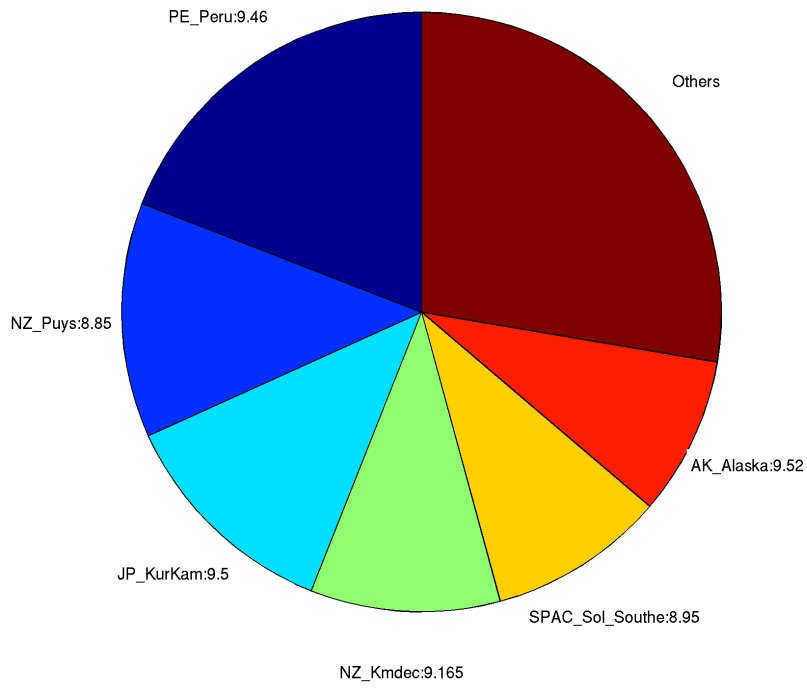
Deaggregation of Zone:222, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9672 m



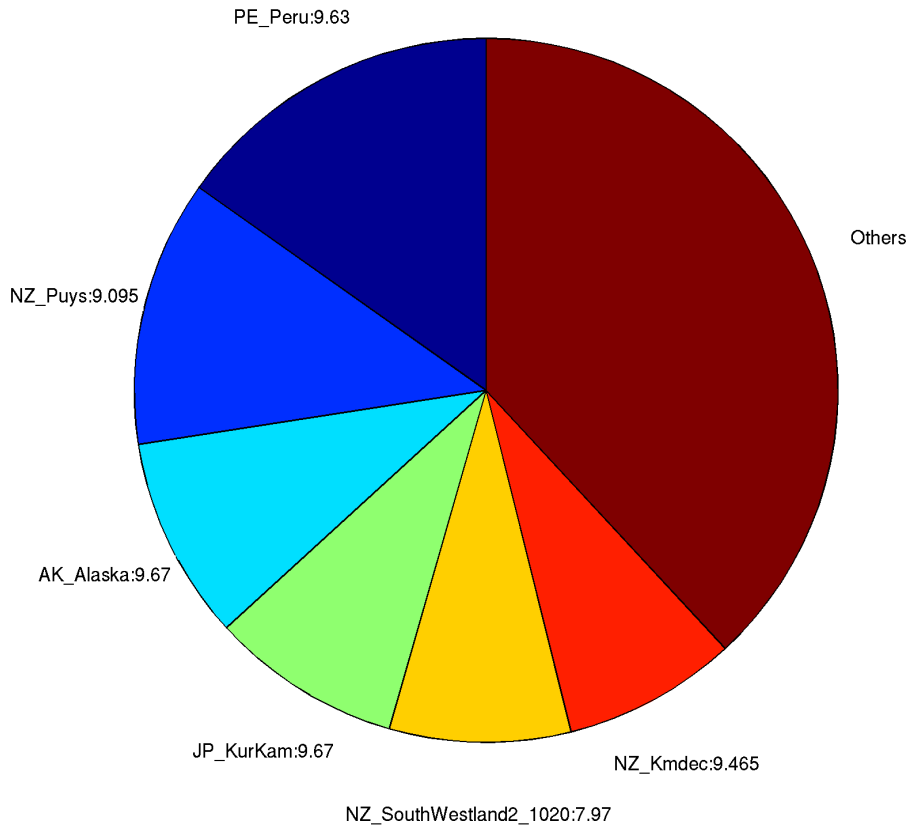
## 223. Wanganui River



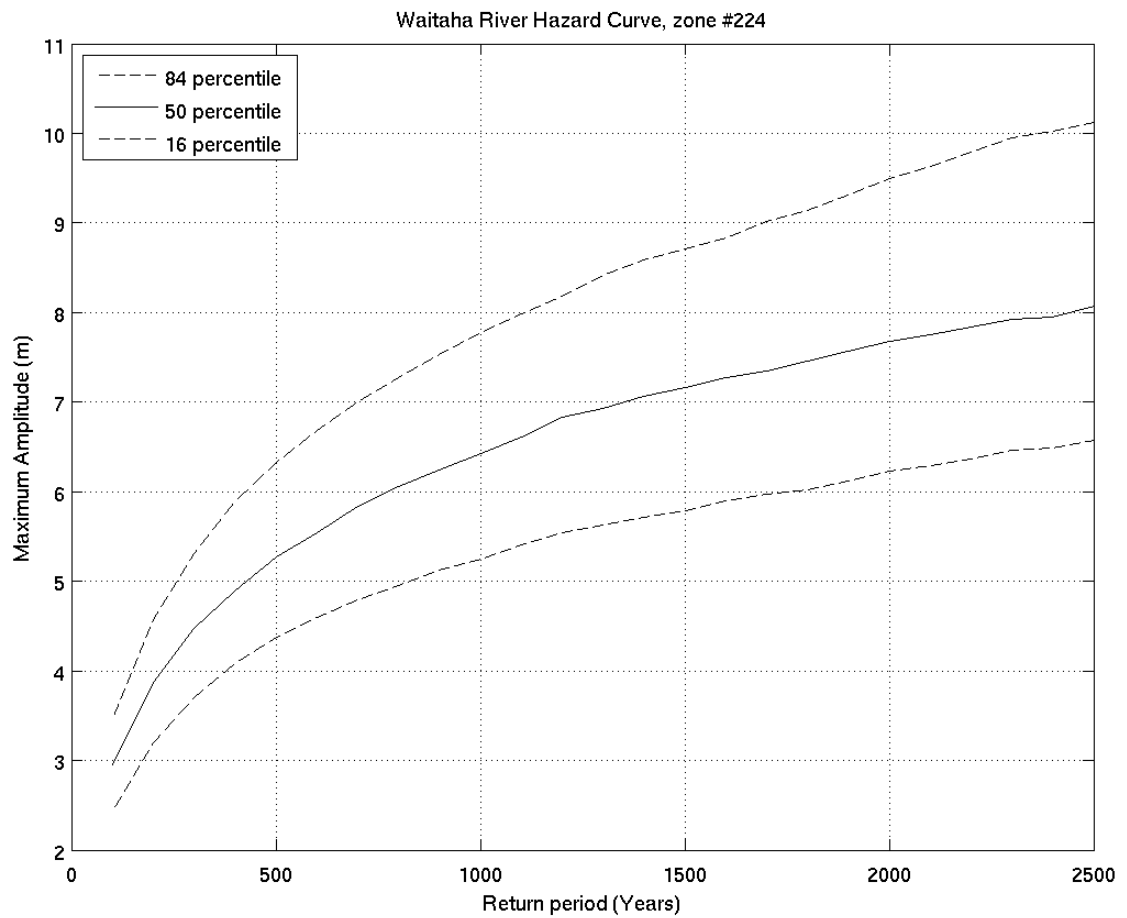
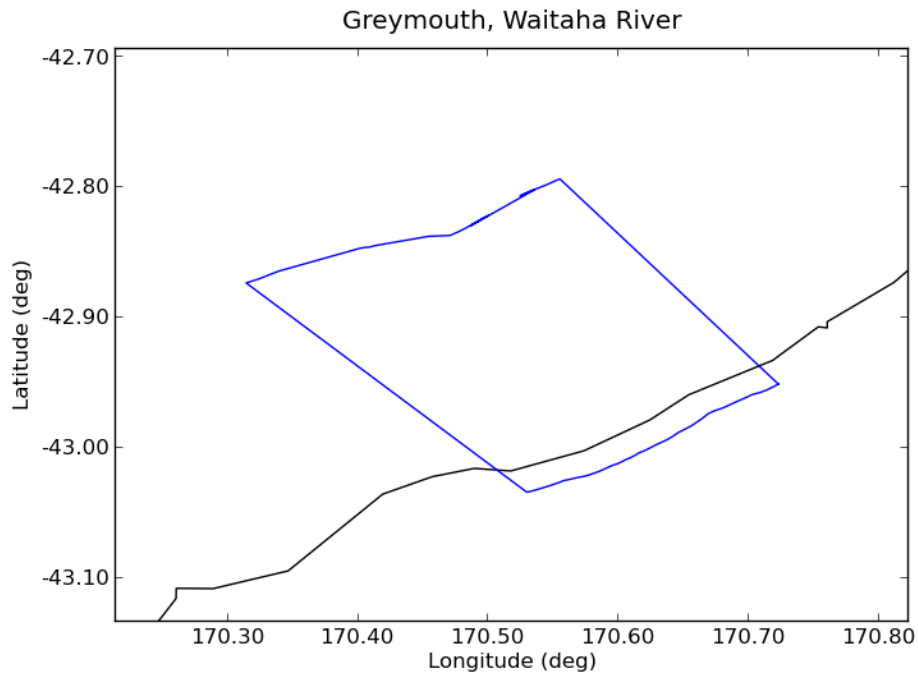
Deaggregation of Zone:223, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.9563 m



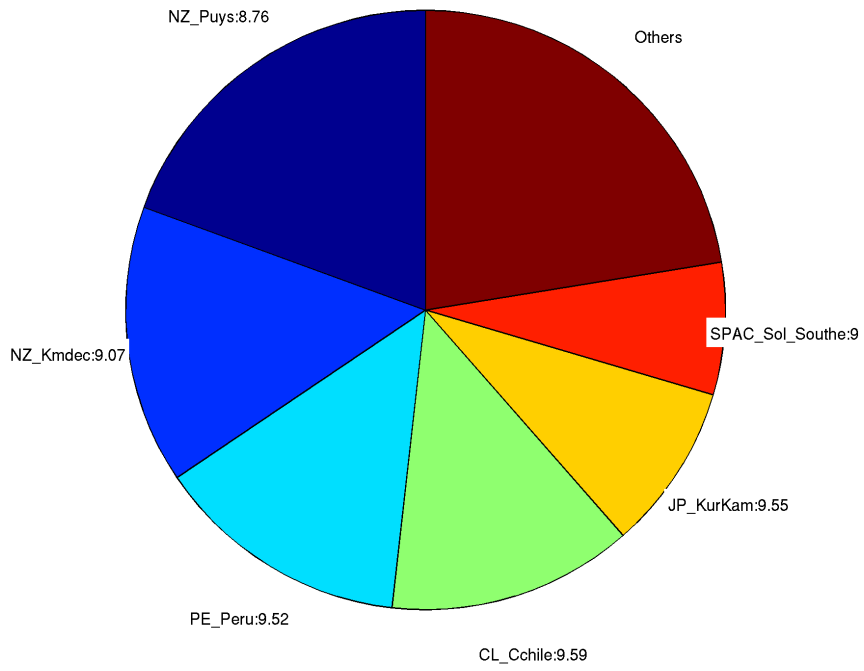
Deaggregation of Zone:223, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0569 m



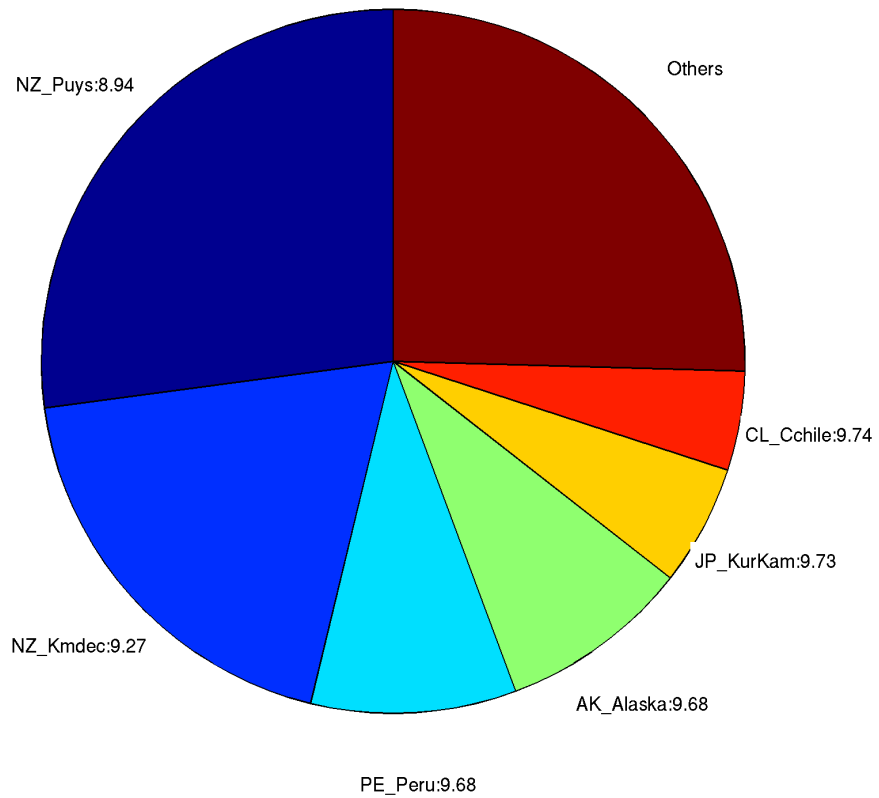
## 224. Waitaha River



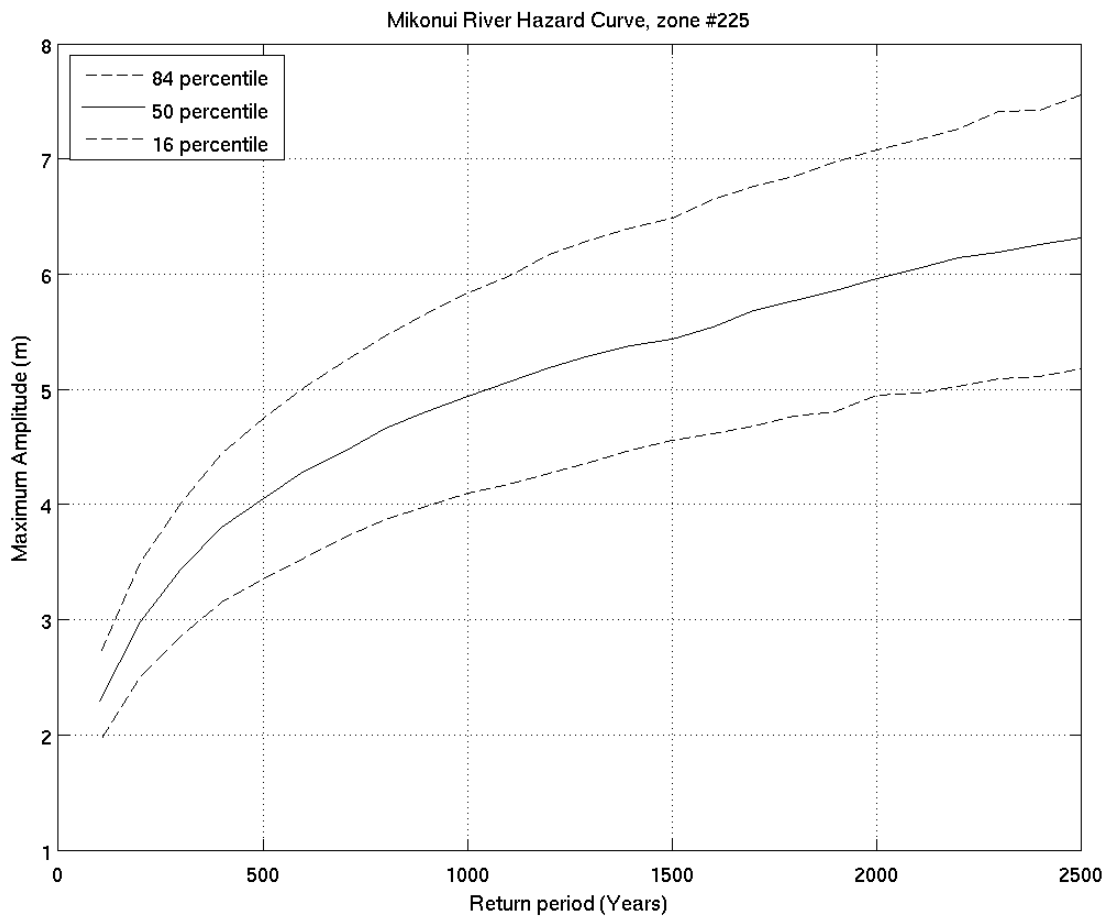
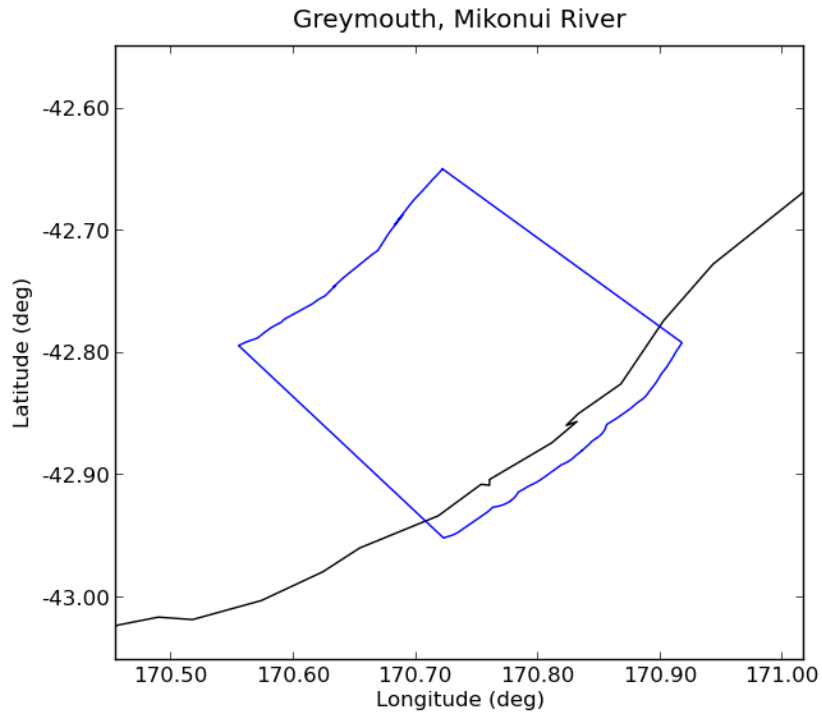
Deaggregation of Zone:224, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.2672 m



Deaggregation of Zone:224, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.0531 m

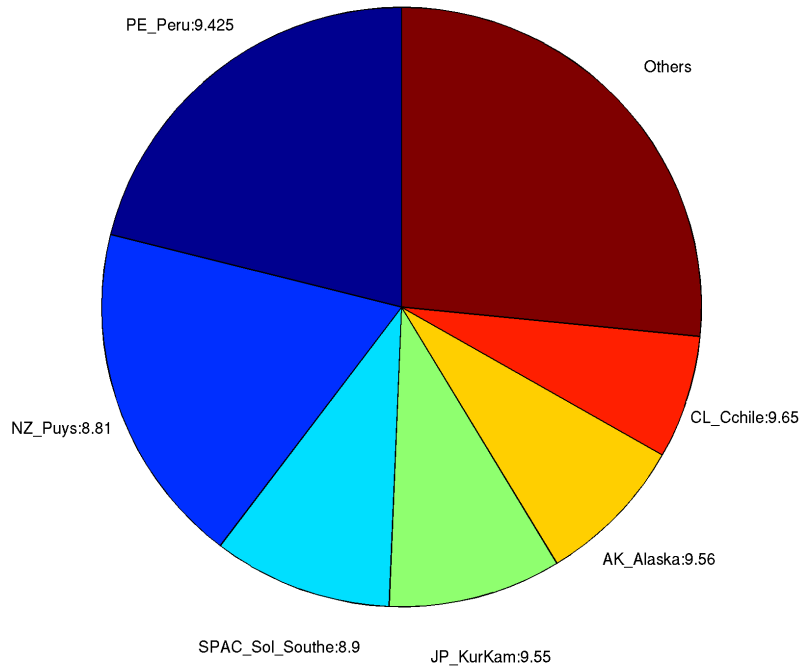


225. *Mikonui River*

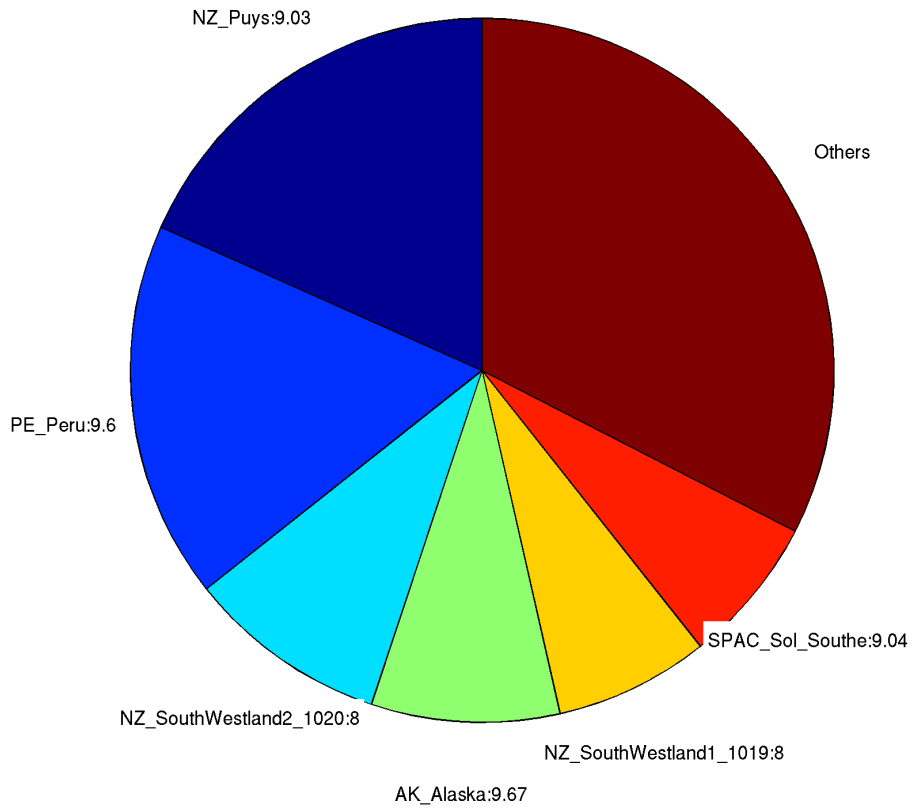




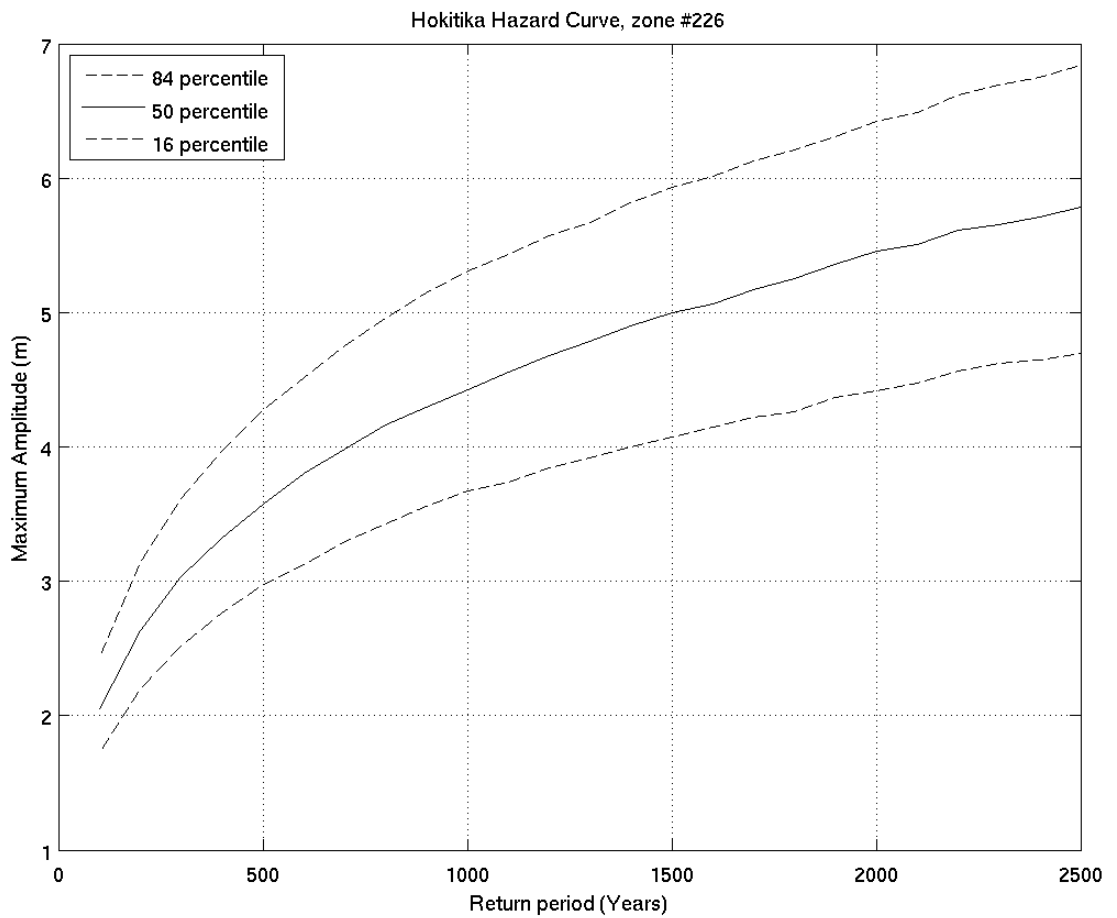
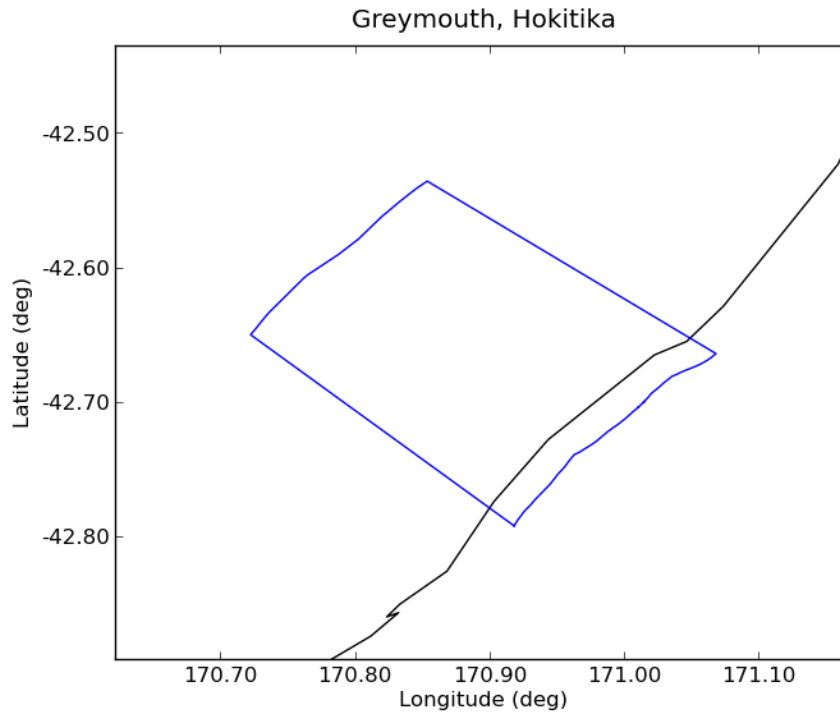
Deaggregation of Zone:225, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.0516 m



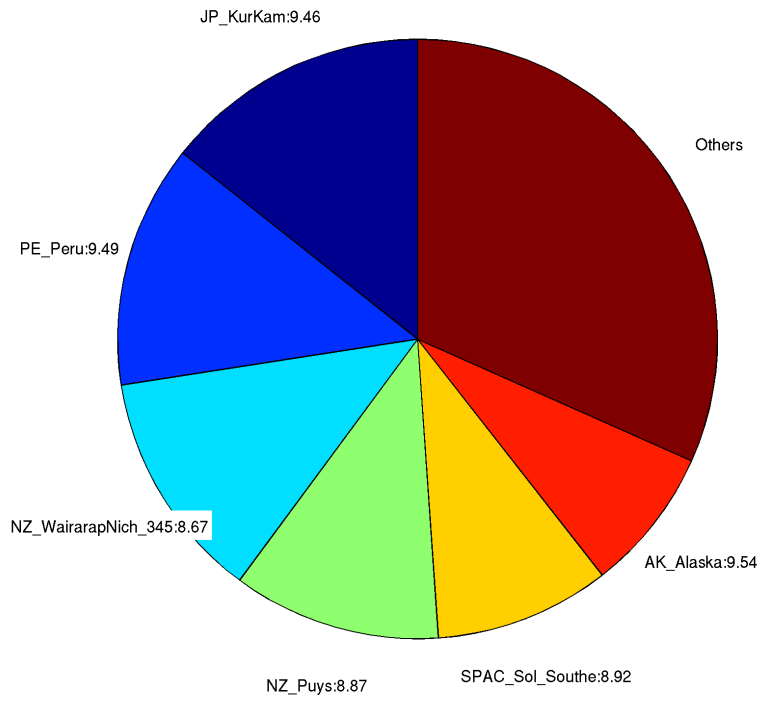
Deaggregation of Zone:225, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.3096 m



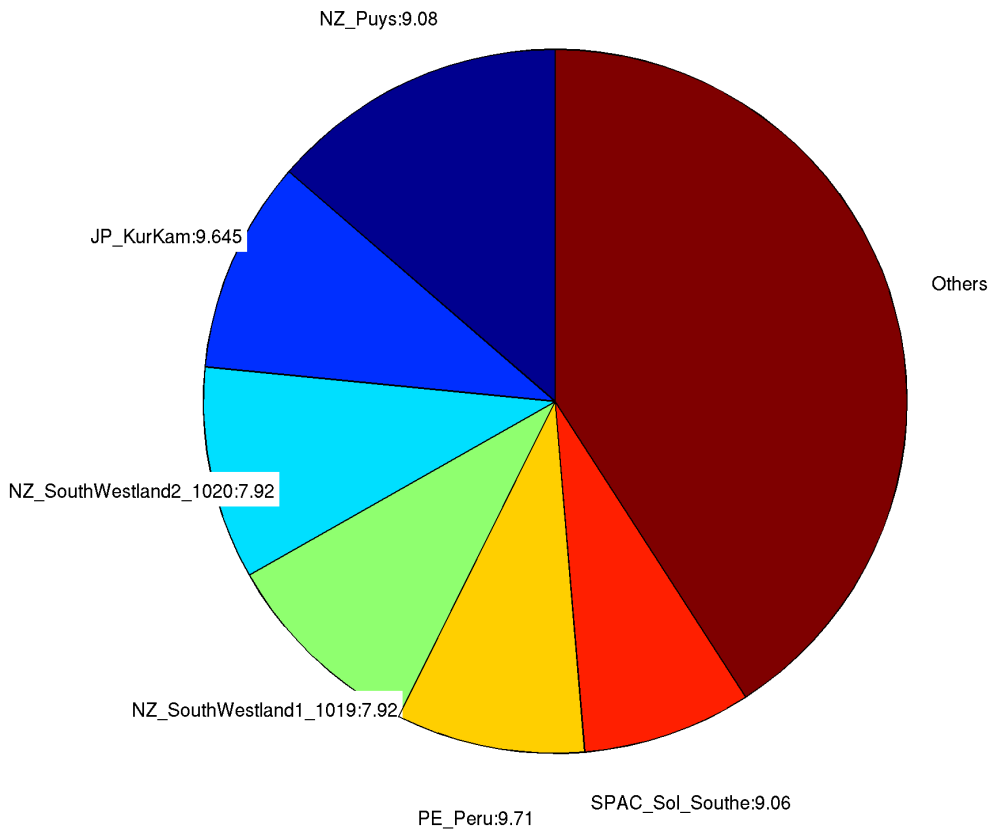
226. **Hokitika**



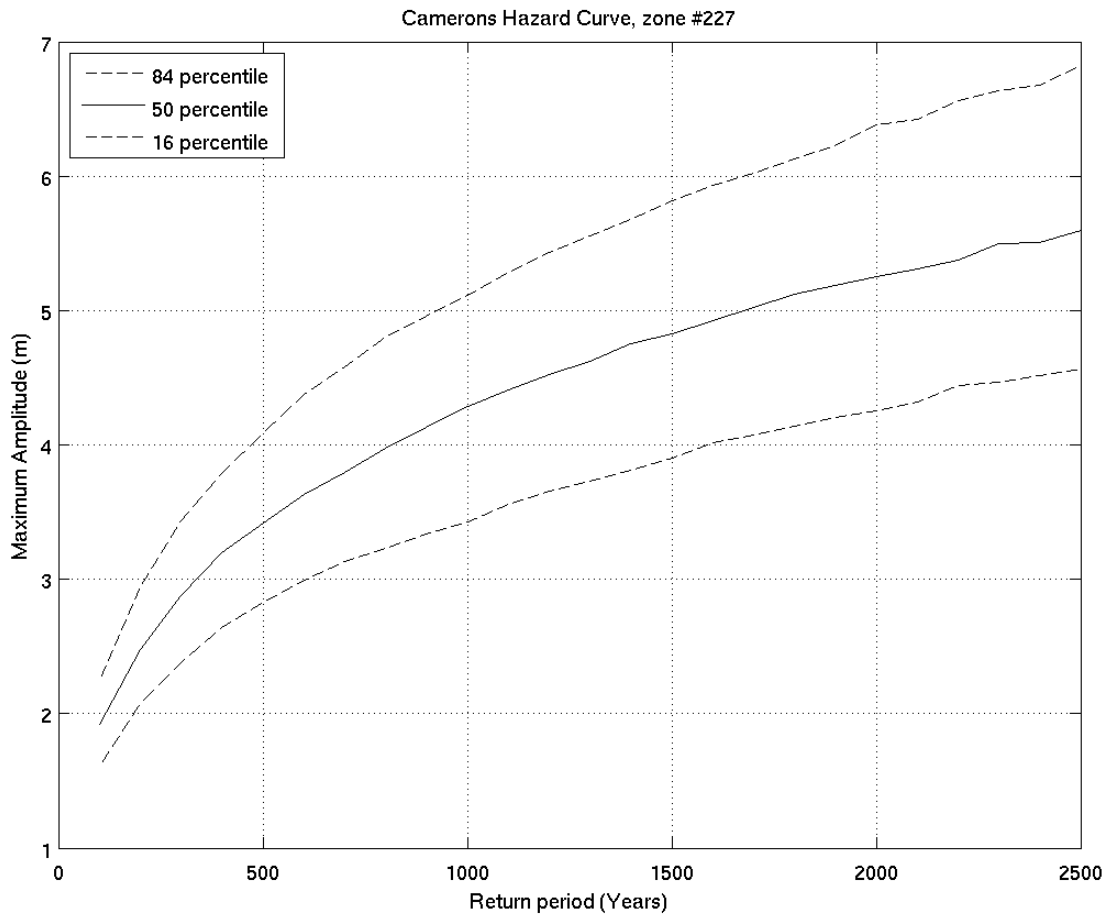
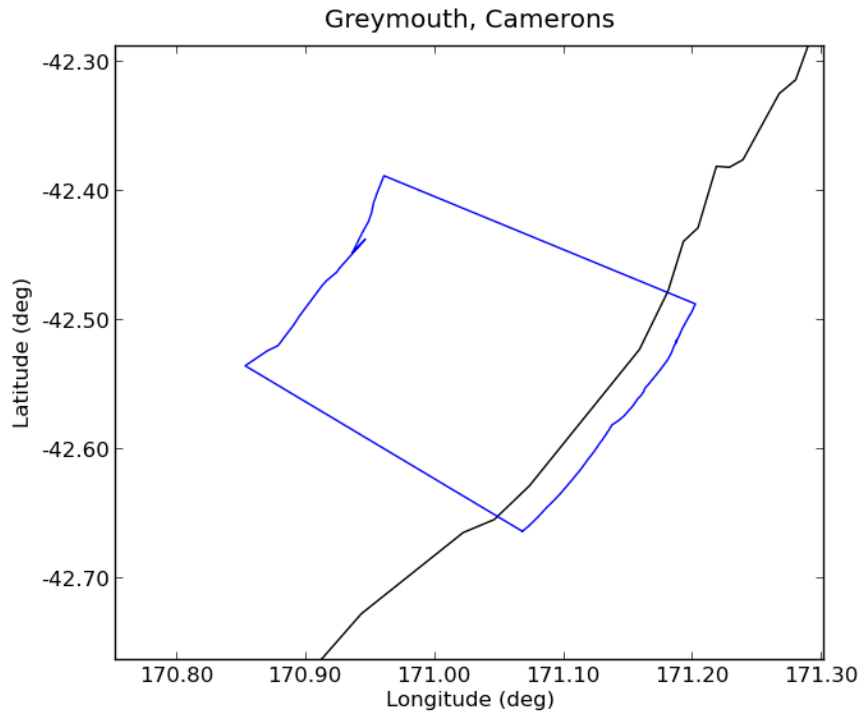
Deaggregation of Zone:226, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5635 m



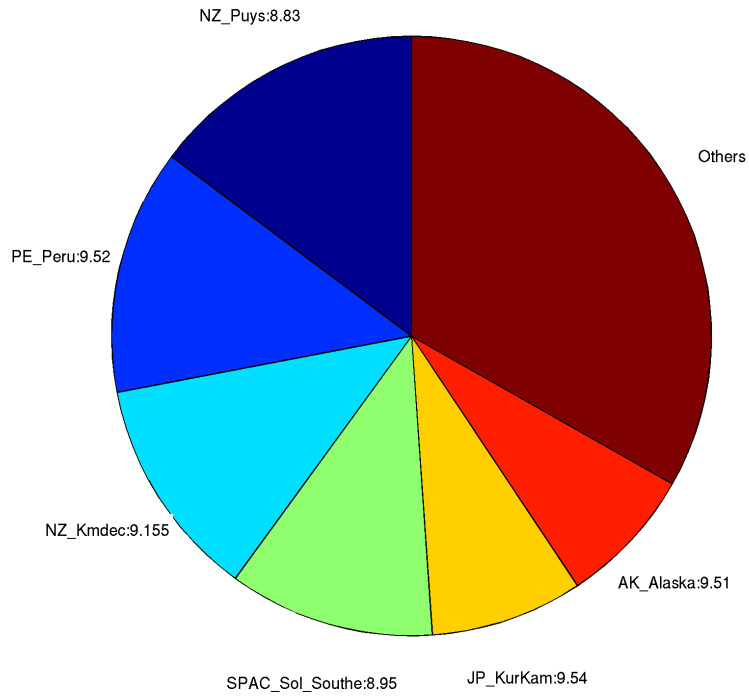
Deaggregation of Zone:226, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7858 m



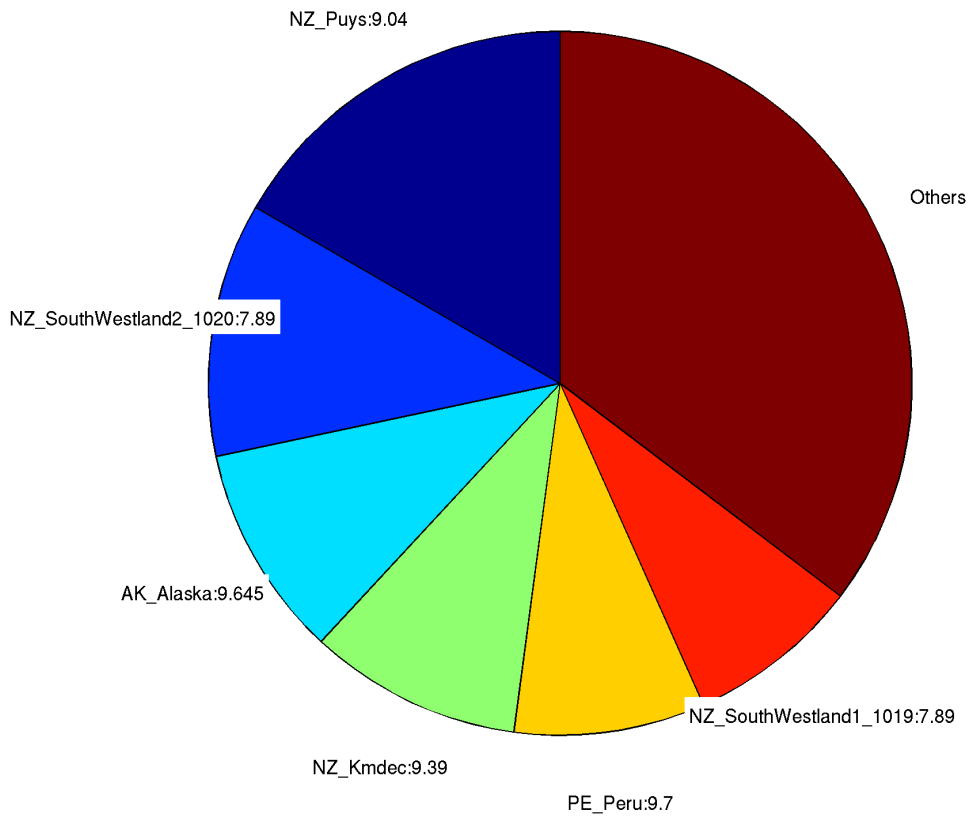
227. **Camerons**



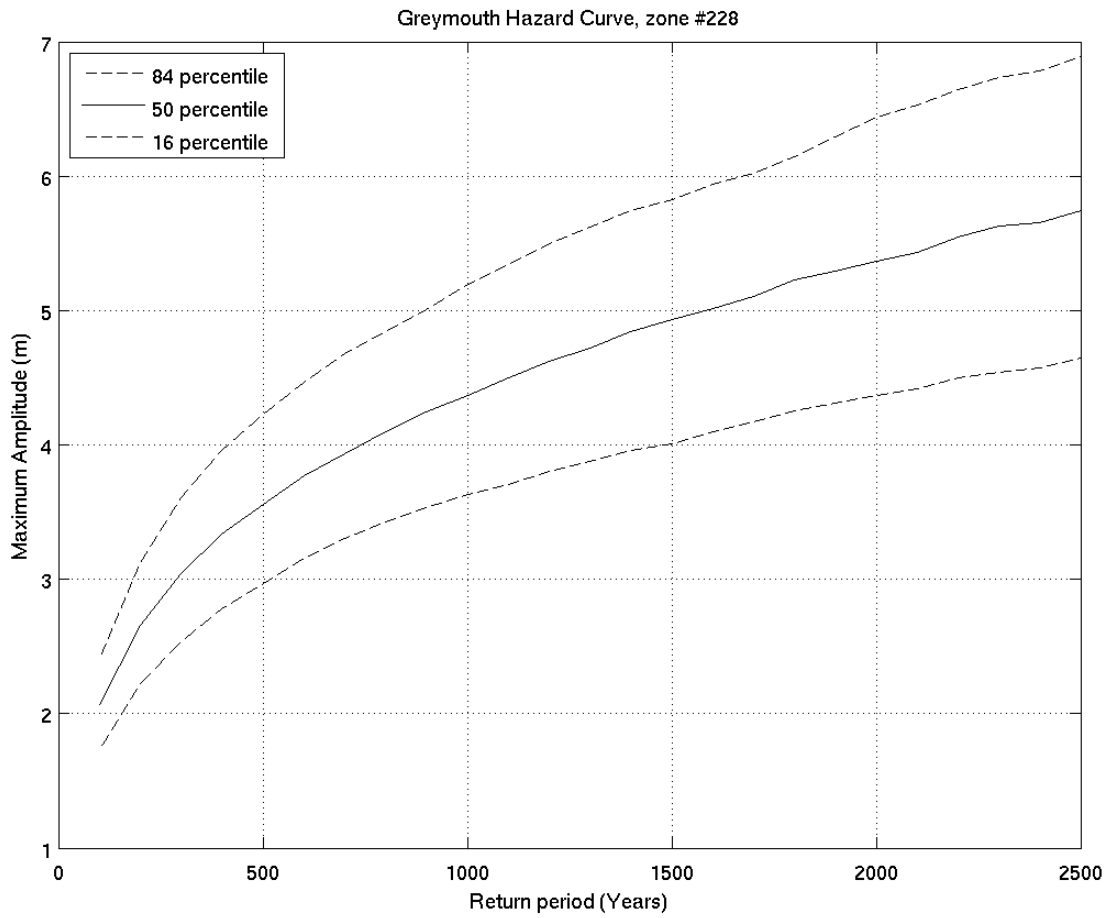
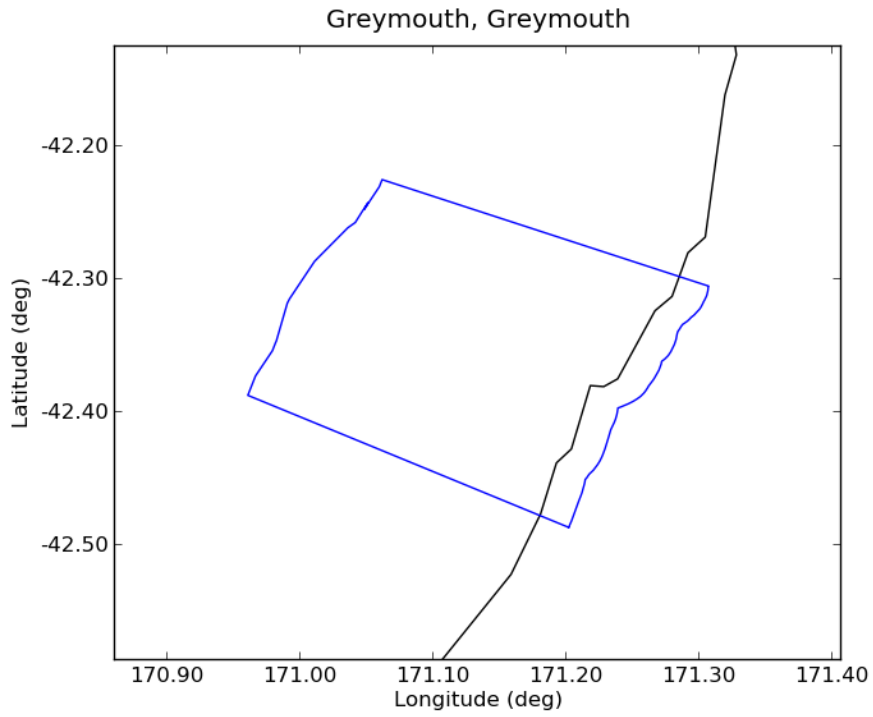
Deaggregation of Zone:227, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.4174 m



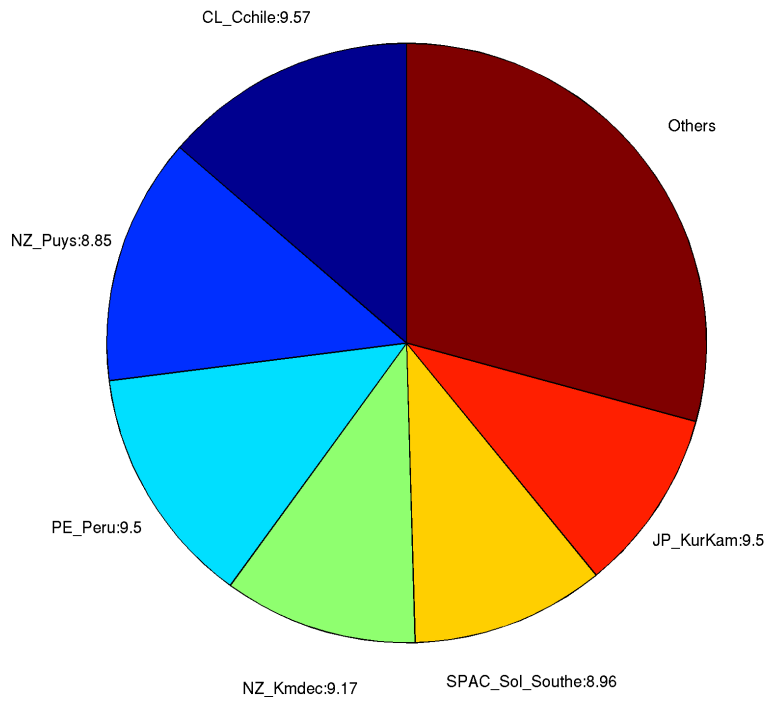
Deaggregation of Zone:227, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.5906 m



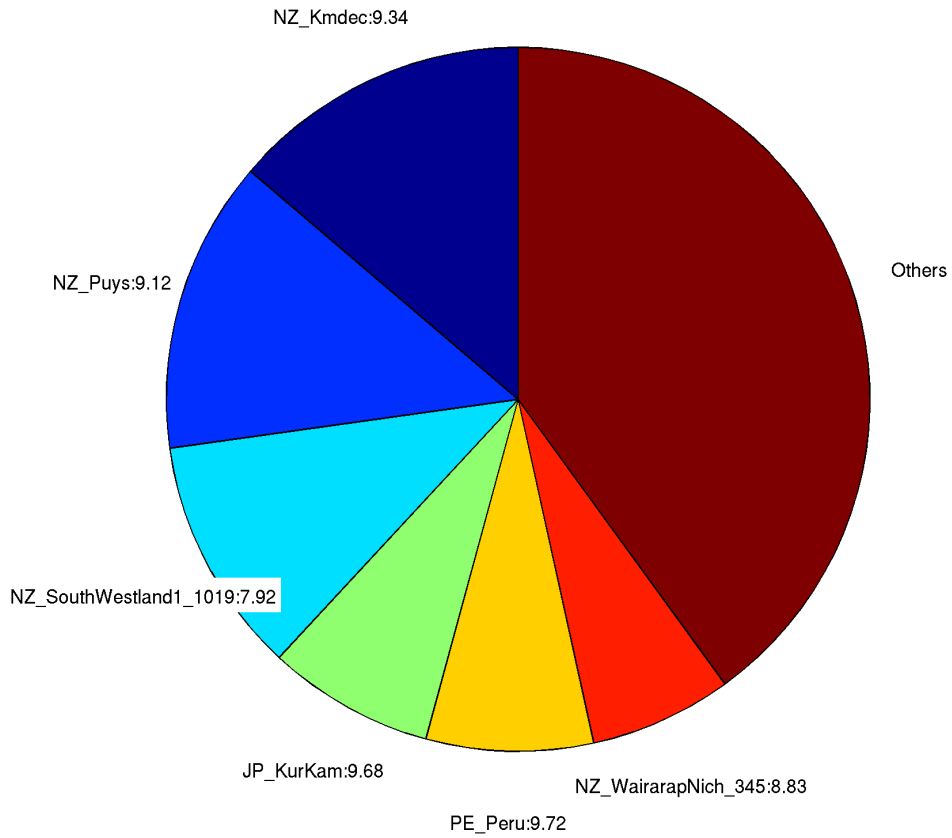
## 228. Greymouth



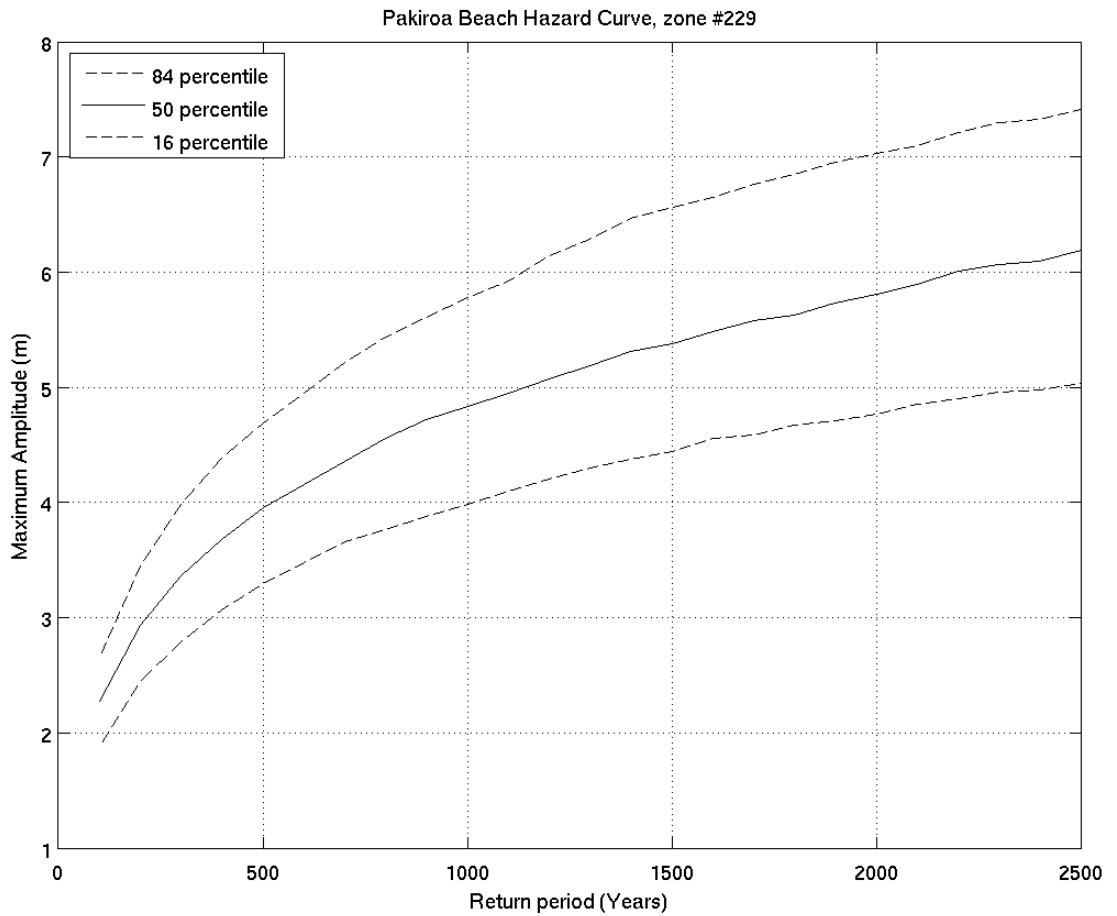
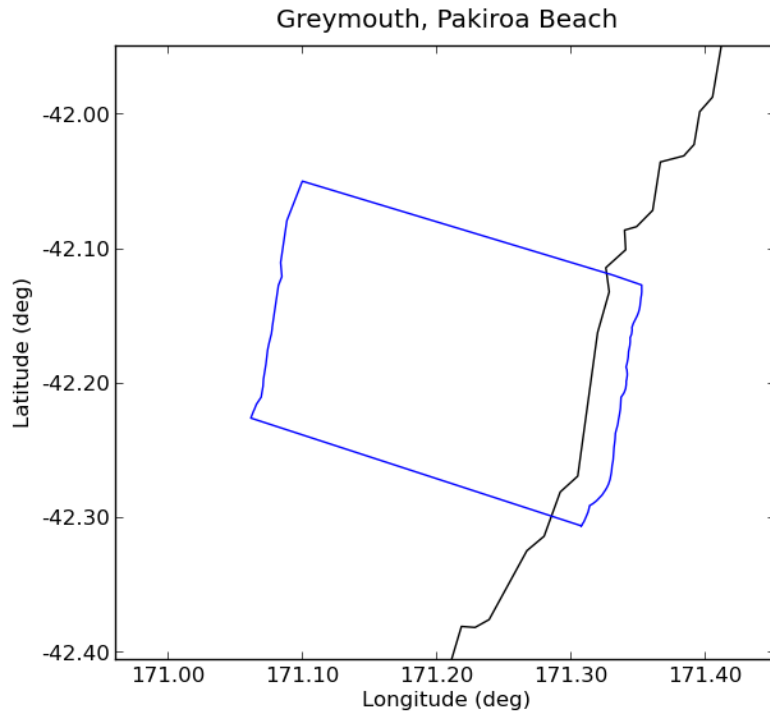
Deaggregation of Zone:228, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5556 m



Deaggregation of Zone:228, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7369 m

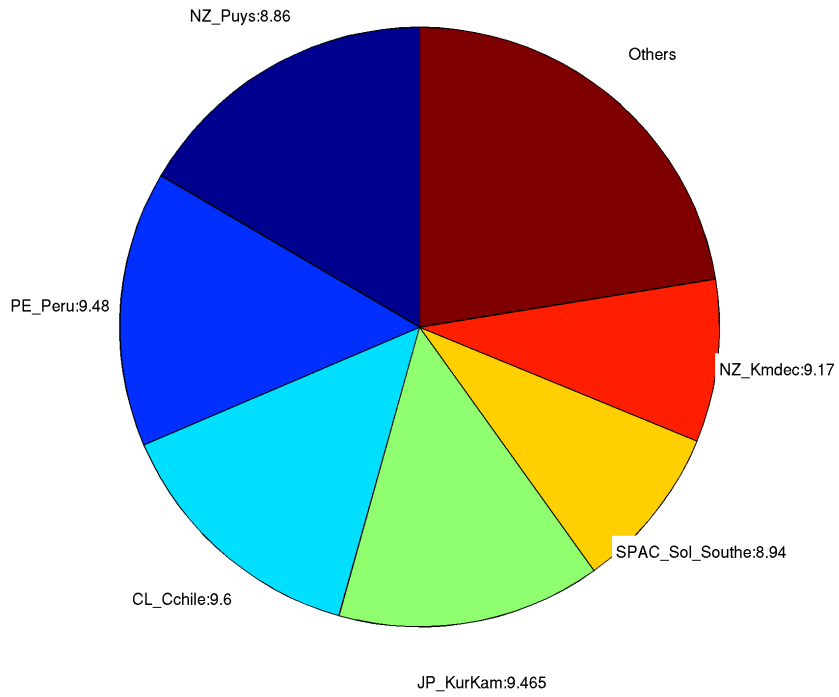


229. **Pakiroa Beach**

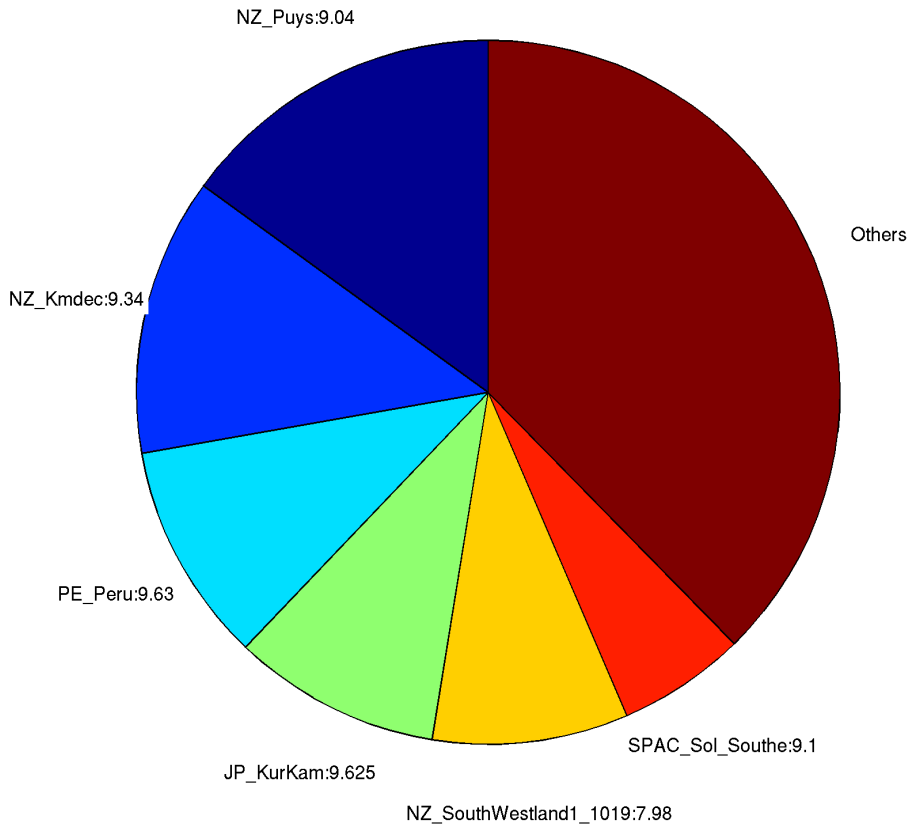




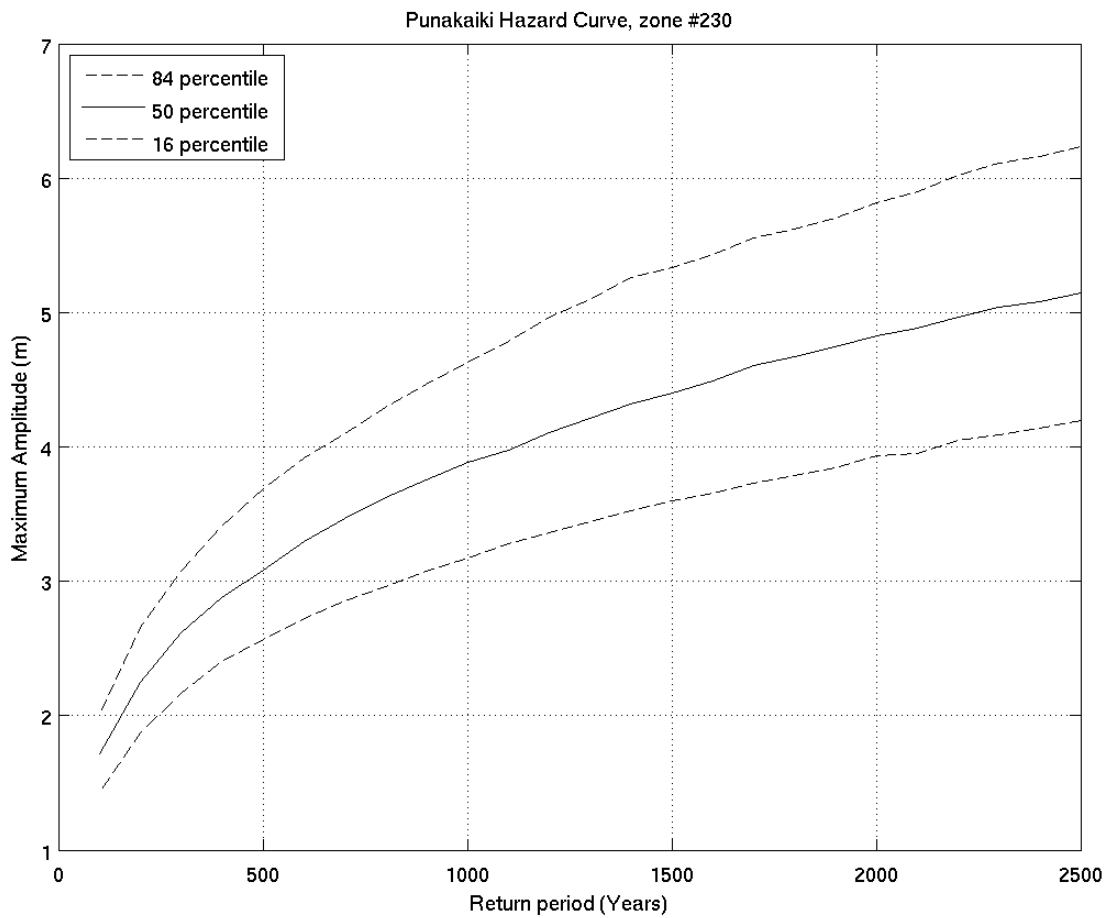
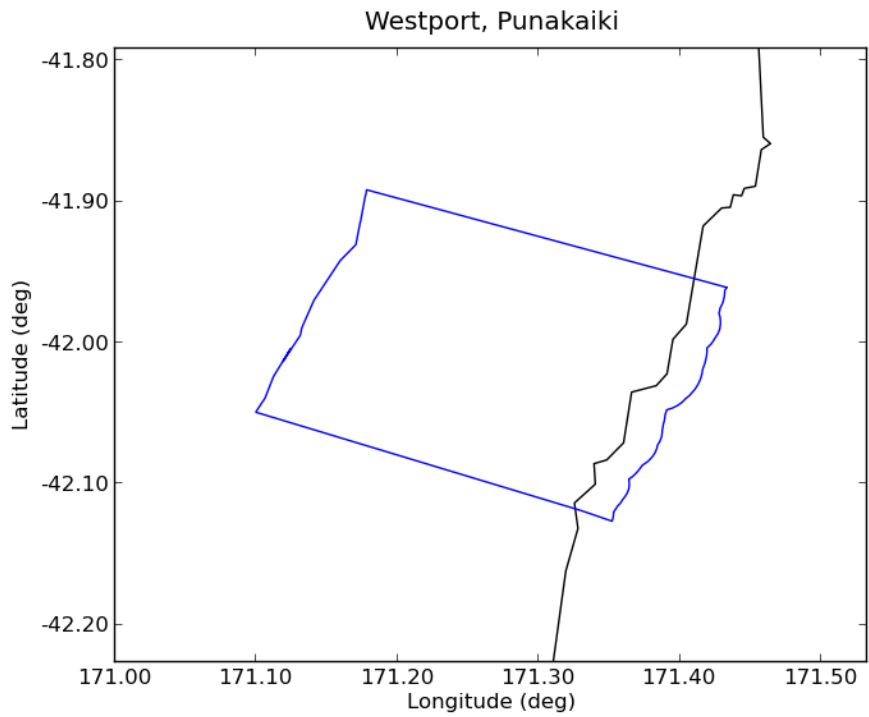
Deaggregation of Zone:229, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.9531 m



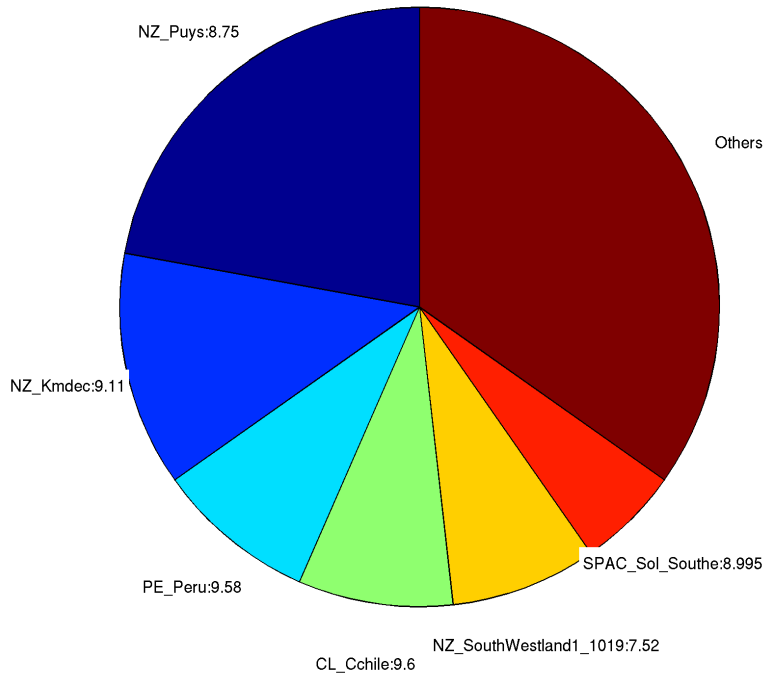
Deaggregation of Zone:229, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.1739 m



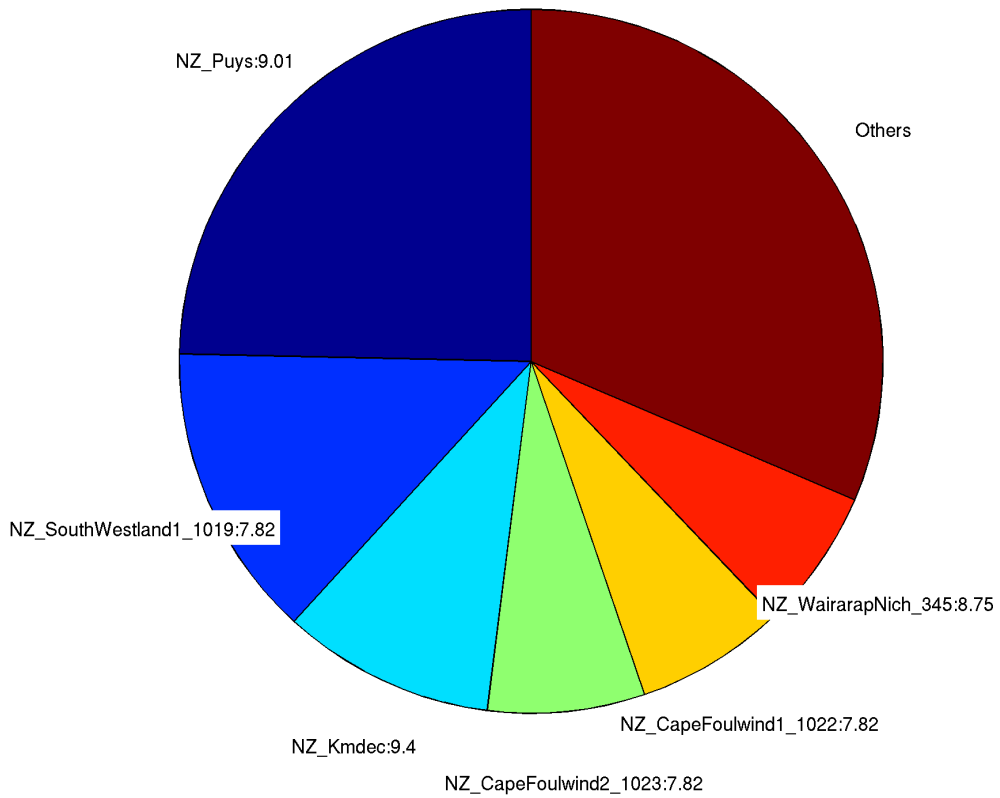
230. **Punakaiki**



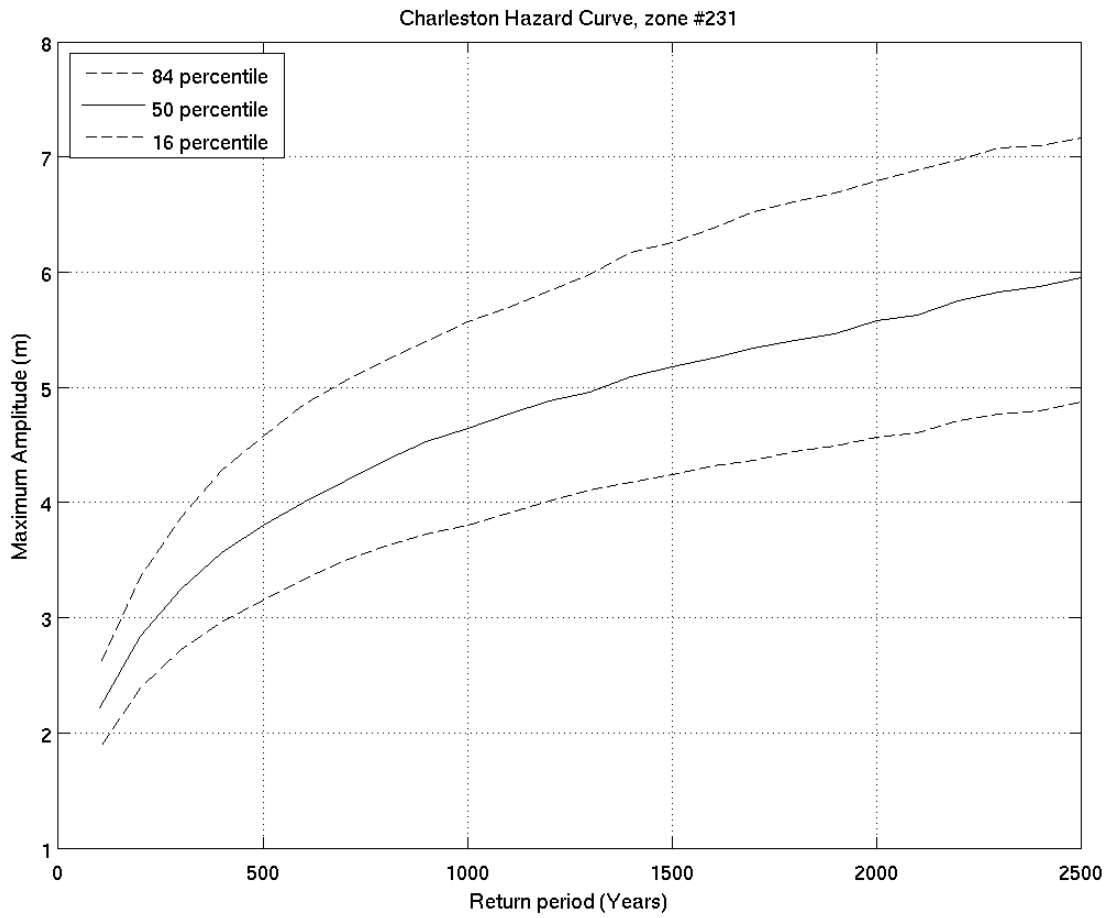
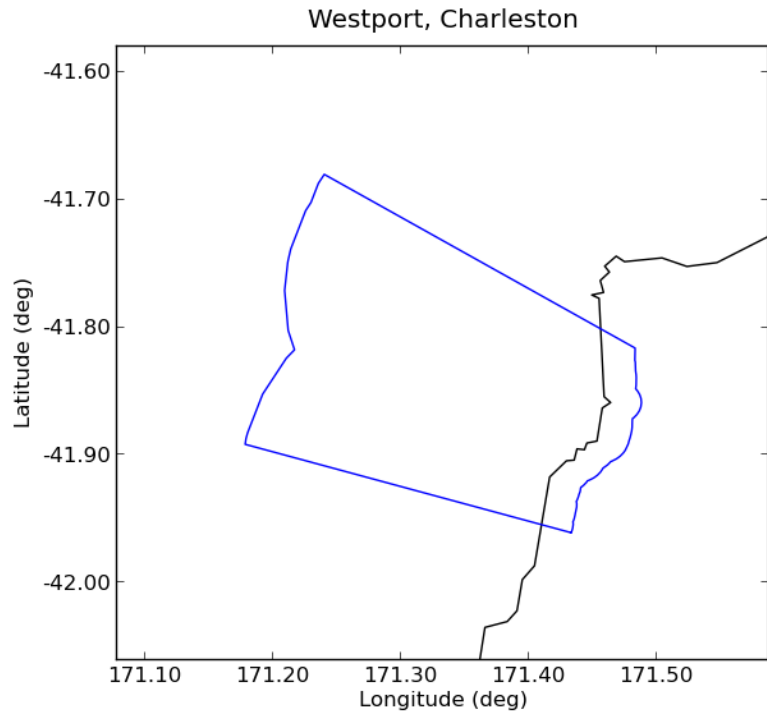
Deaggregation of Zone:230, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.0795 m



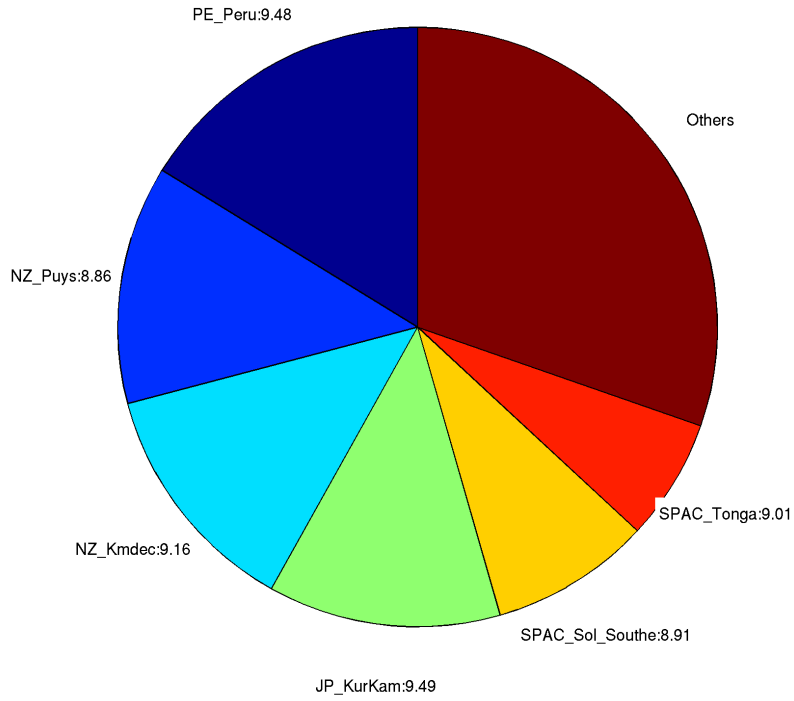
Deaggregation of Zone:230, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1419 m



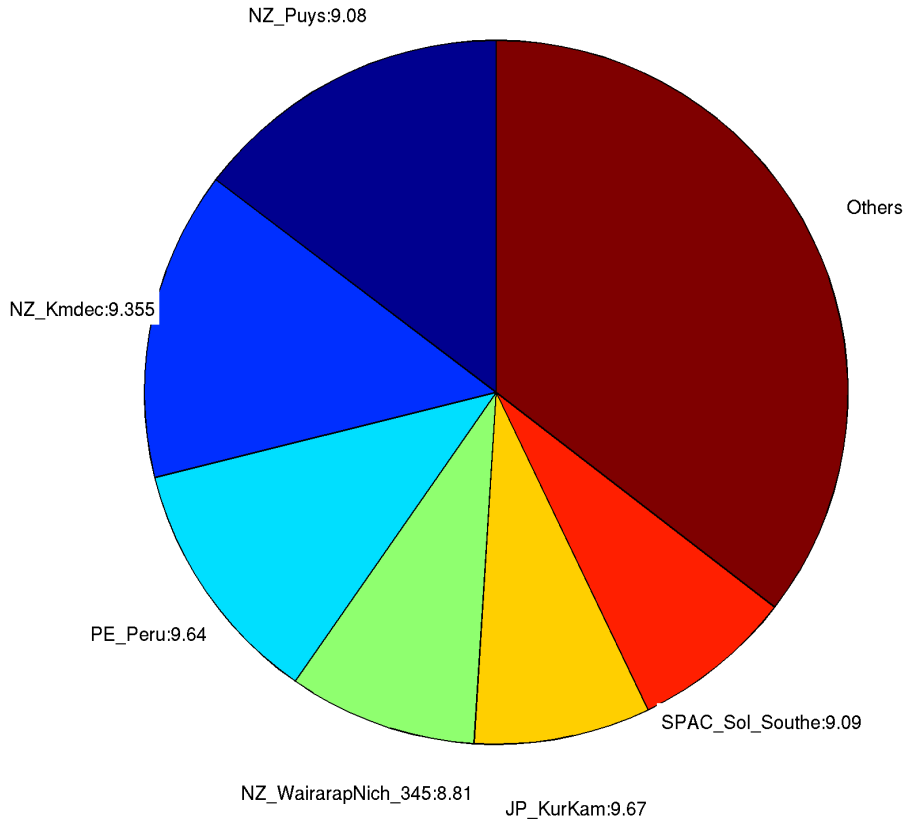
231. **Charleston**



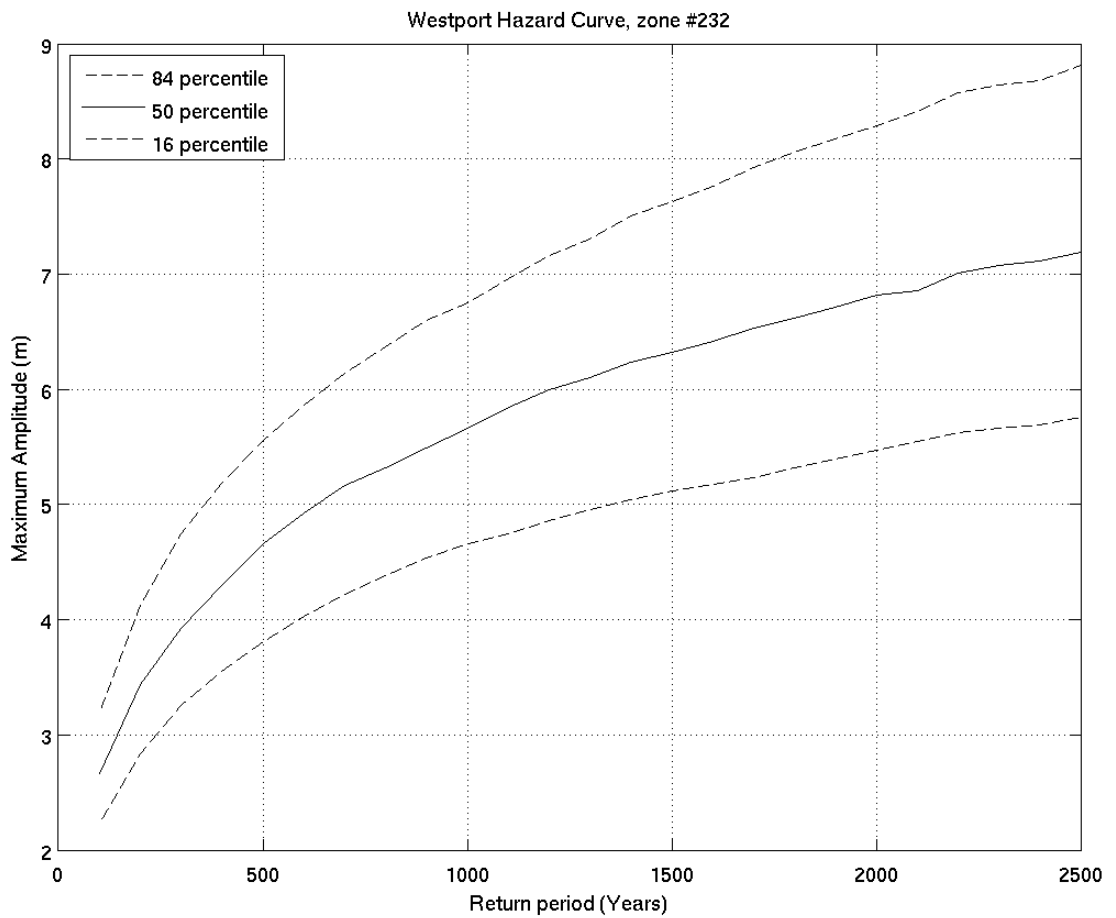
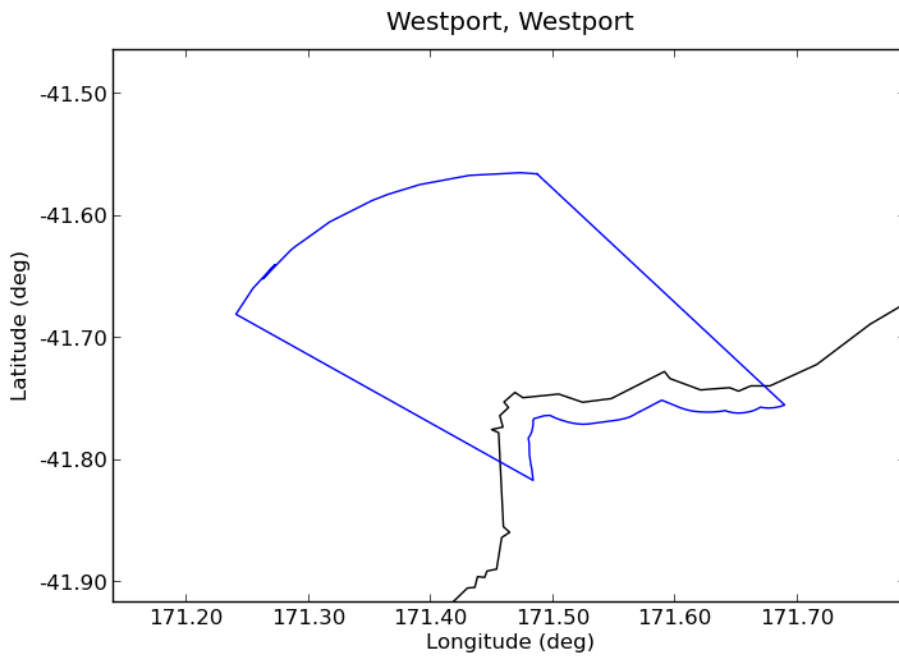
Deaggregation of Zone:231, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.7946 m



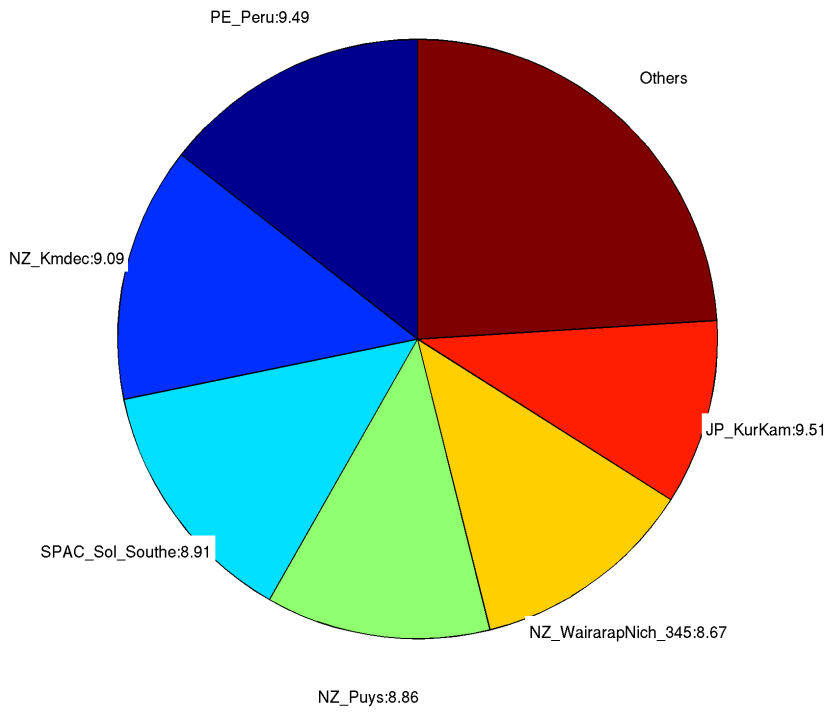
Deaggregation of Zone:231, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.9504 m



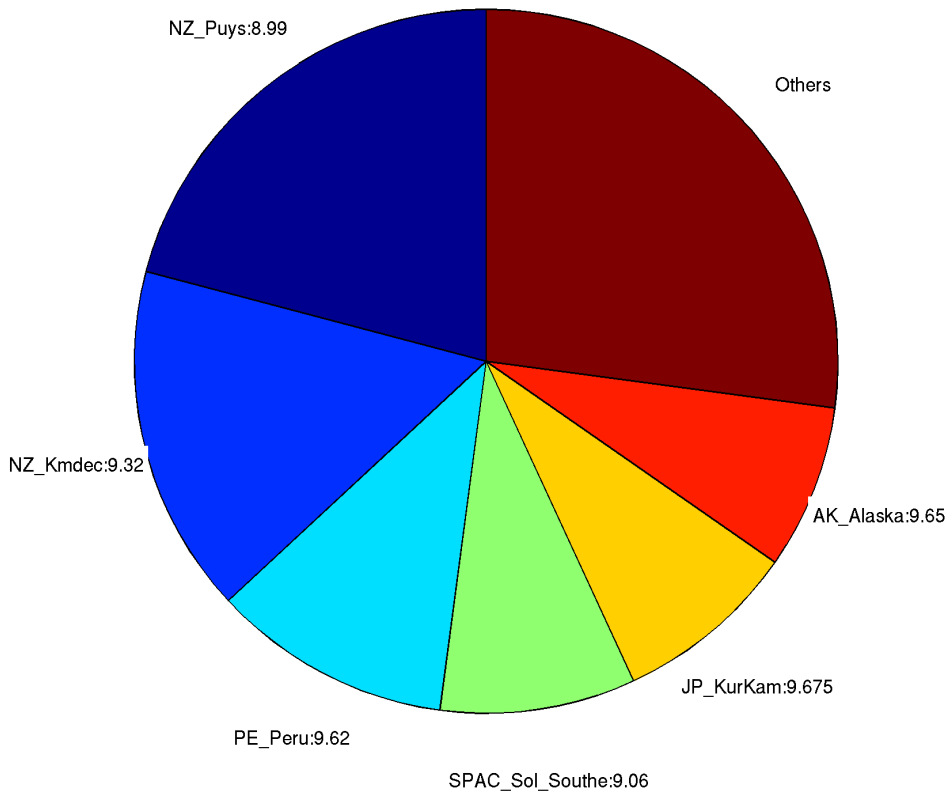
232. *Westport*



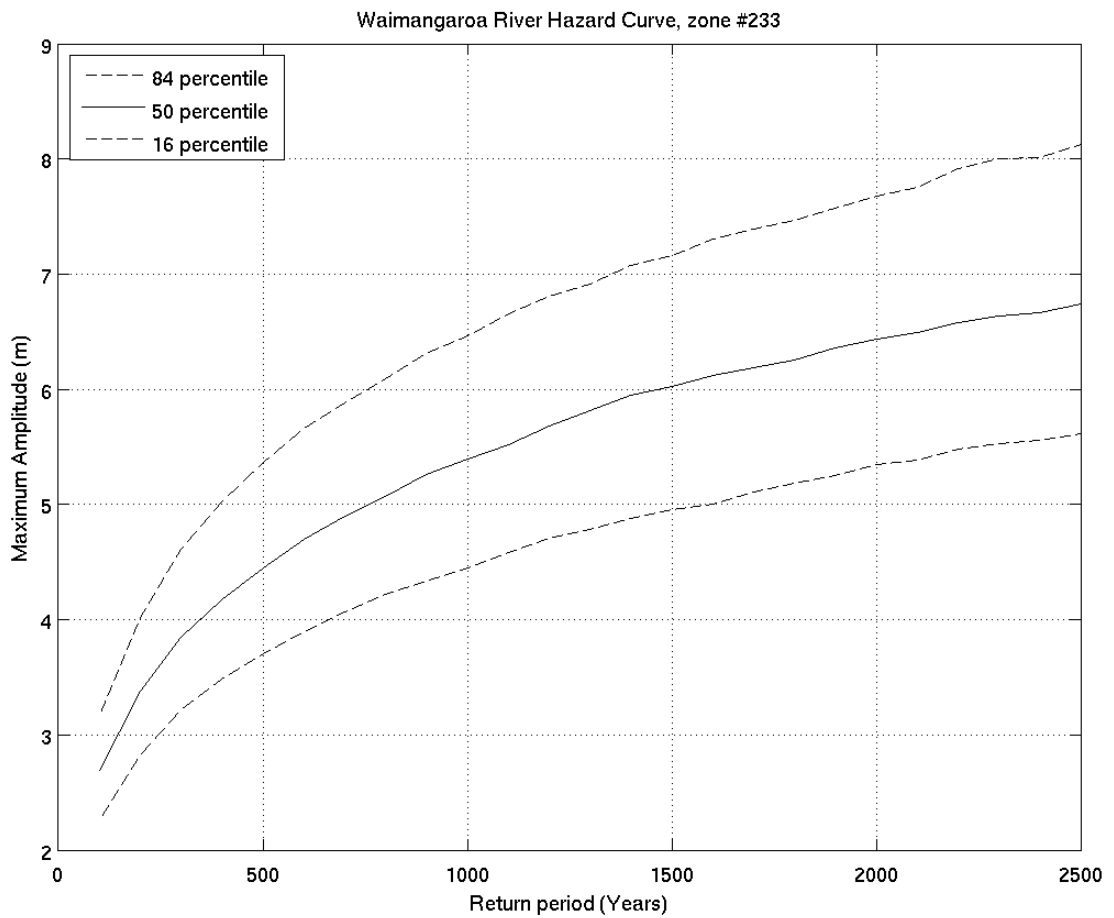
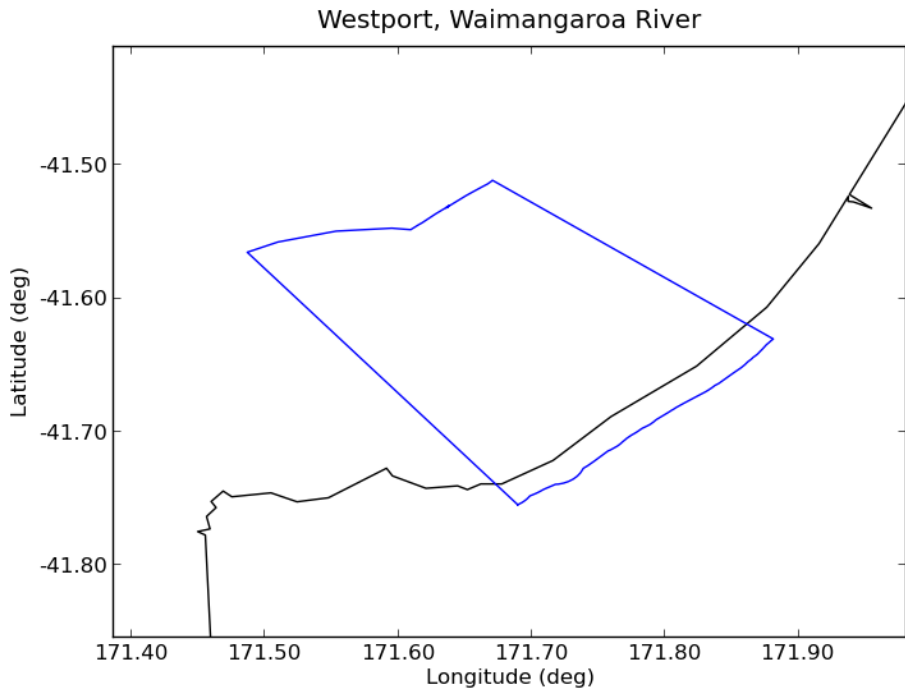
Deaggregation of Zone:232, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6551 m



Deaggregation of Zone:232, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.1657 m

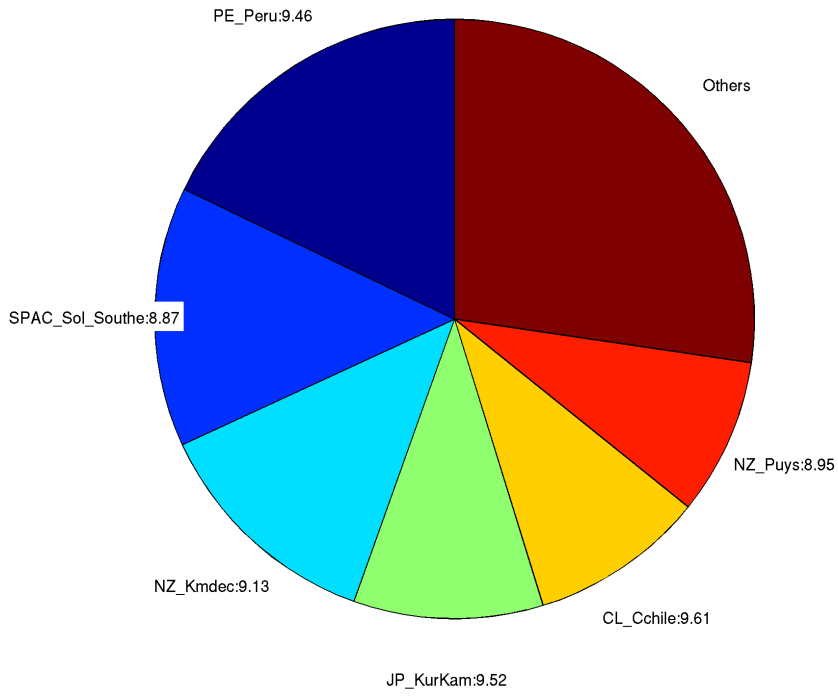


### 233. Waimangaroa River

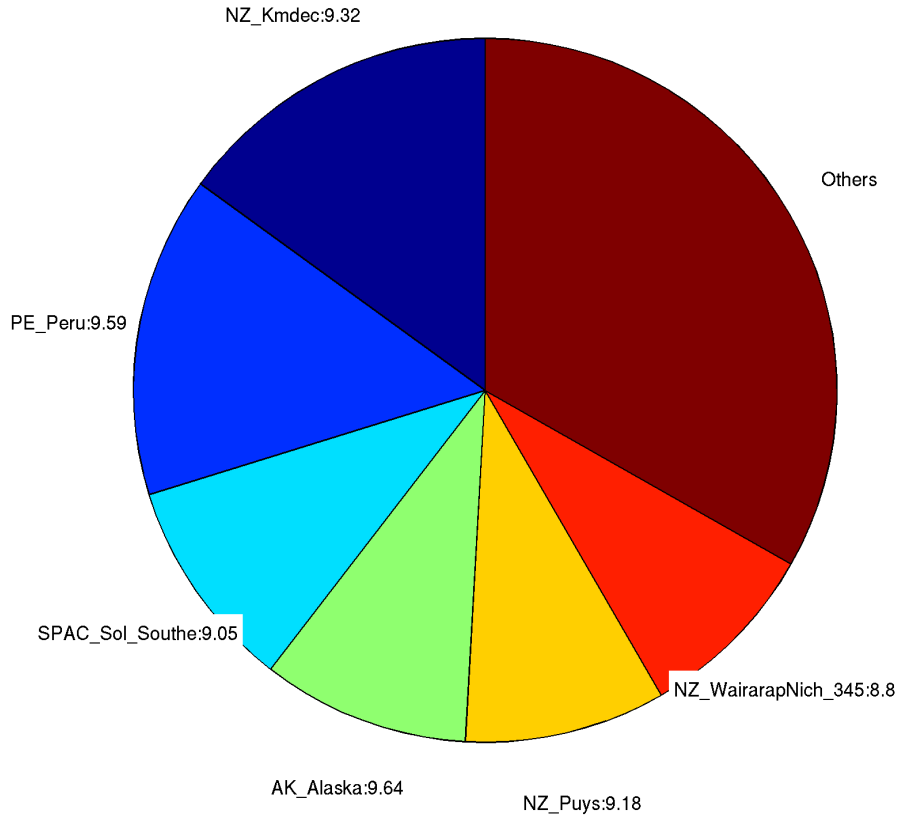




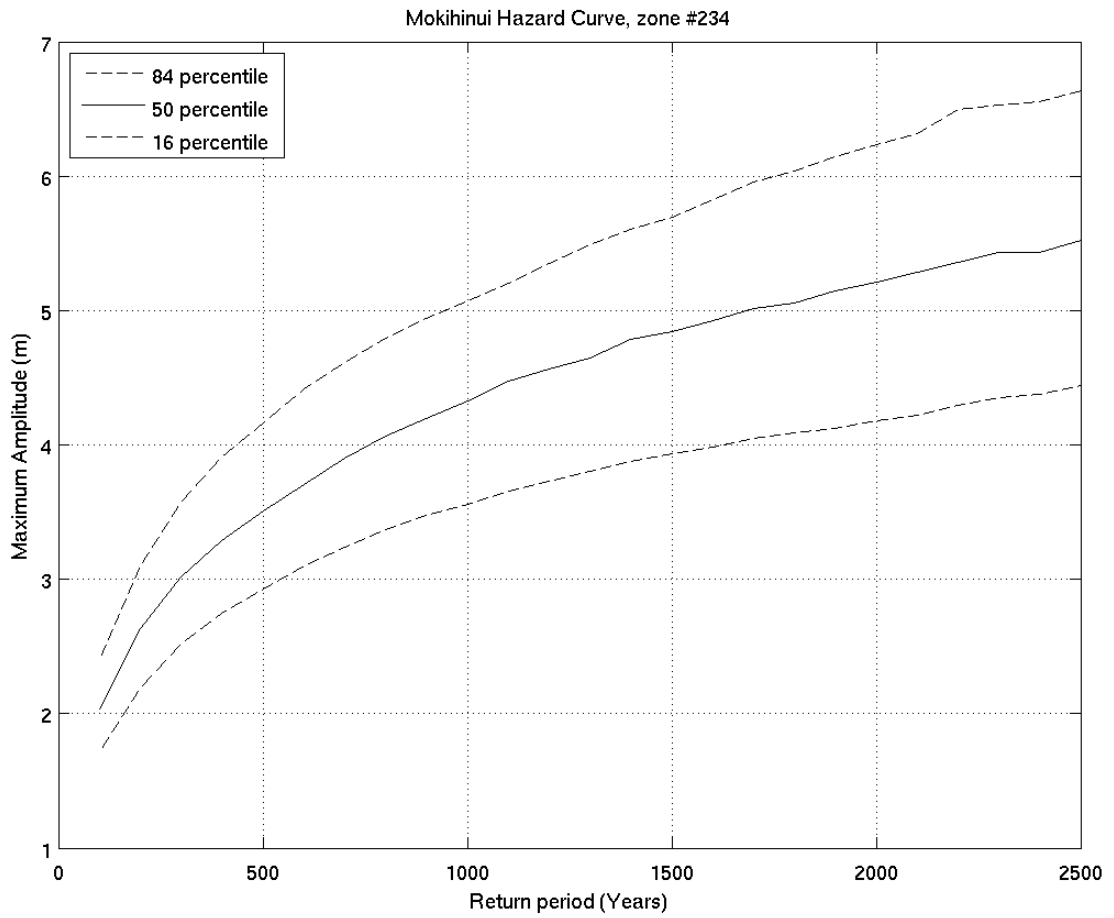
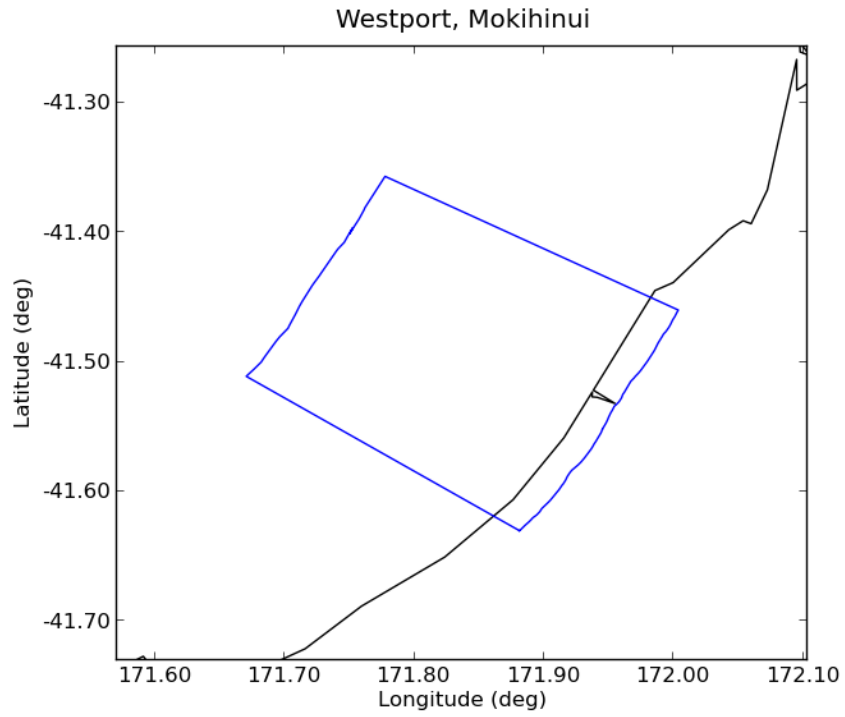
Deaggregation of Zone:233, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4406 m



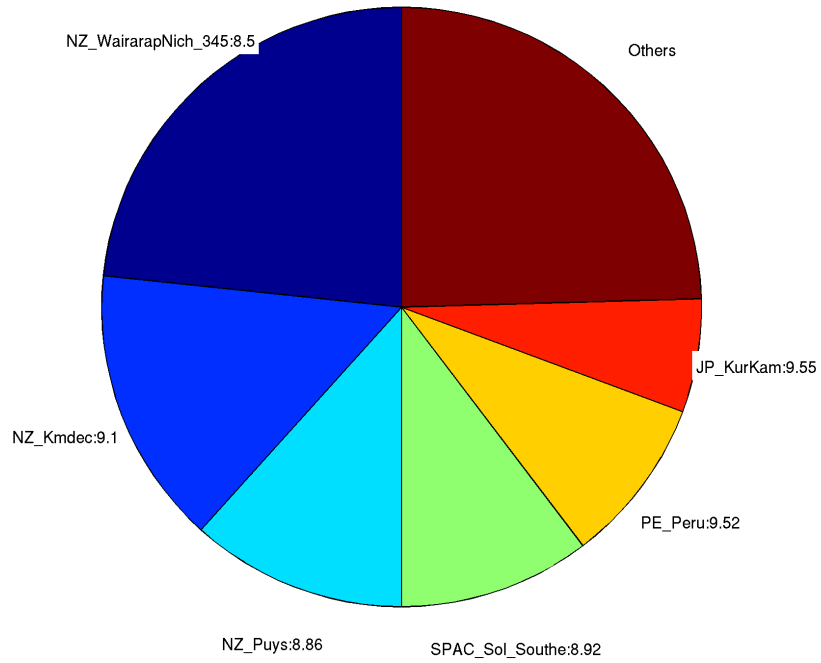
Deaggregation of Zone:233, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.7259 m



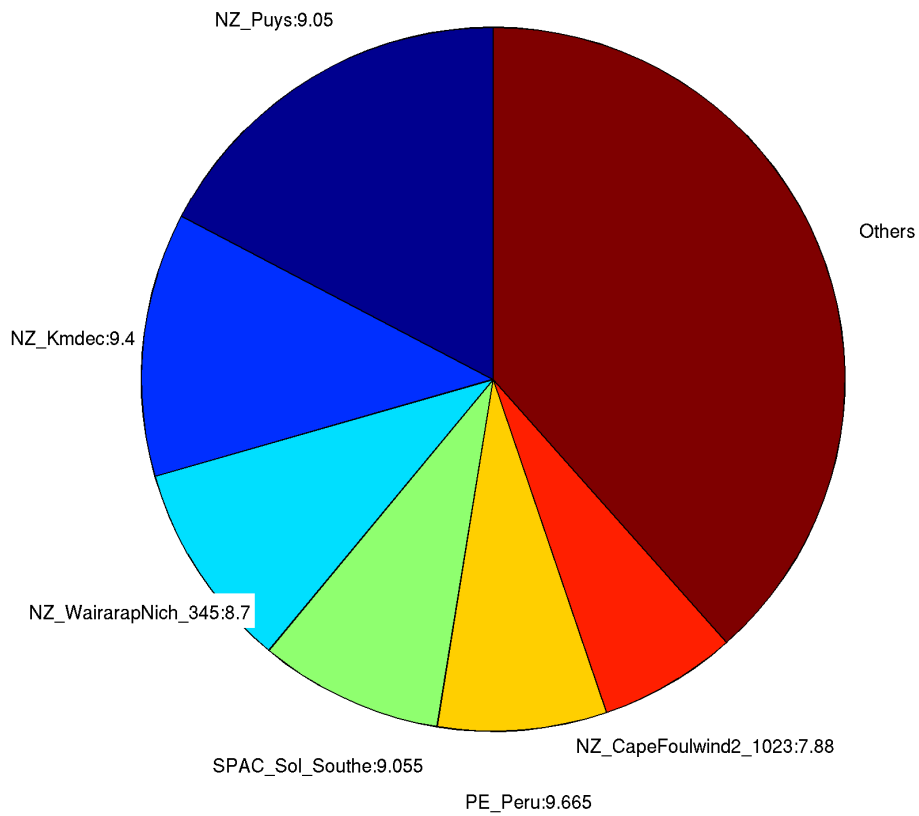
234. *Mokihinui*



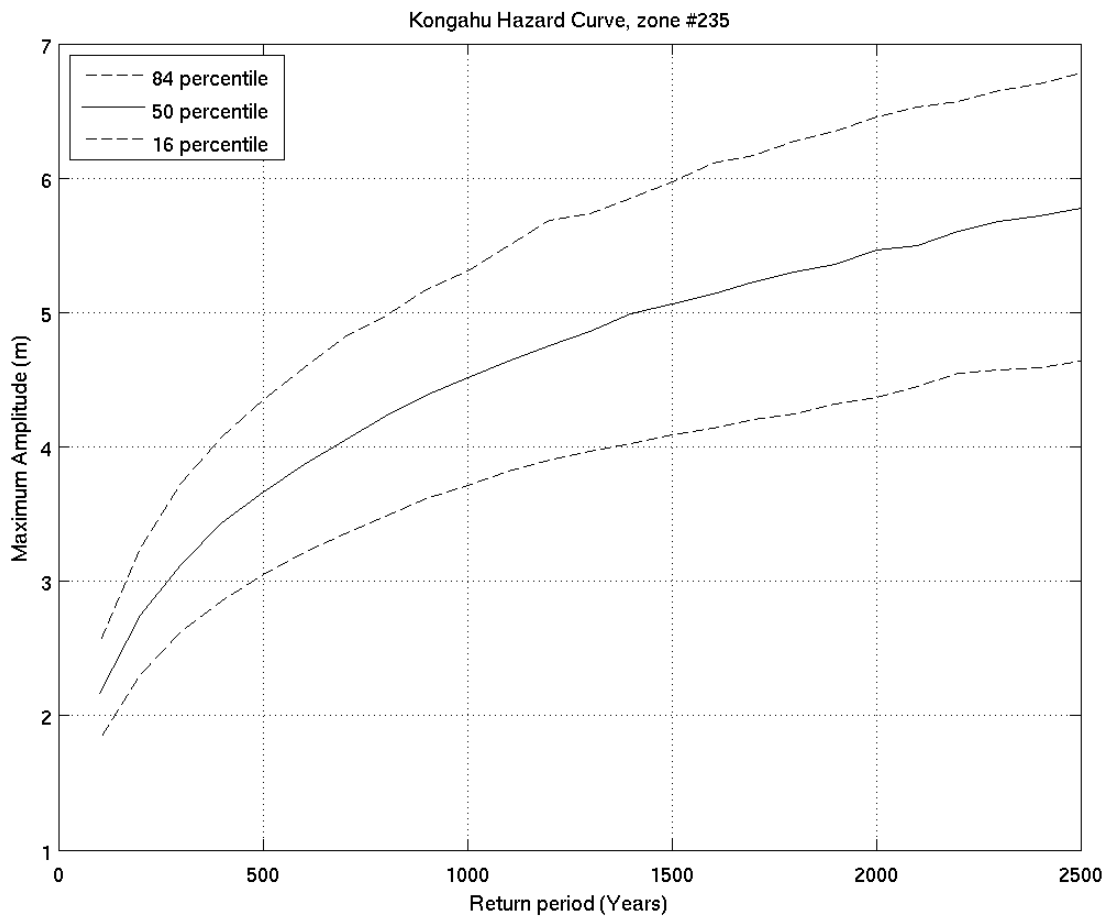
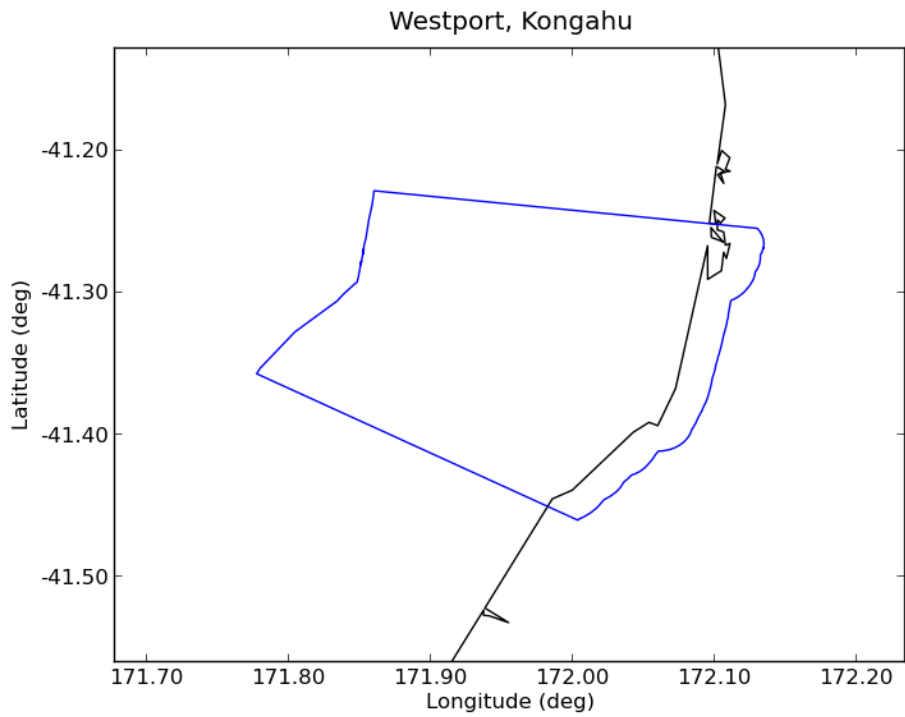
Deaggregation of Zone:234, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.5078 m



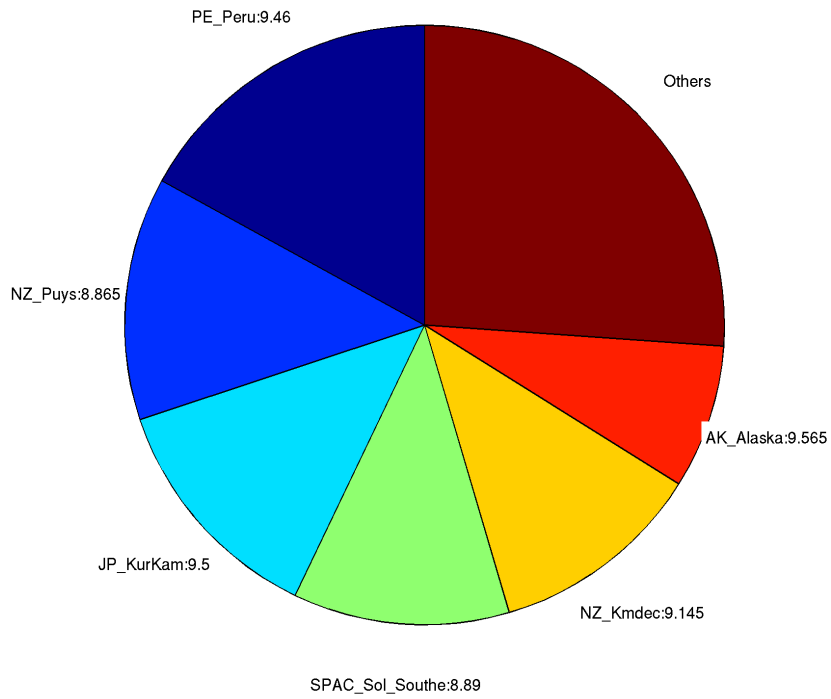
Deaggregation of Zone:234, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.5218 m



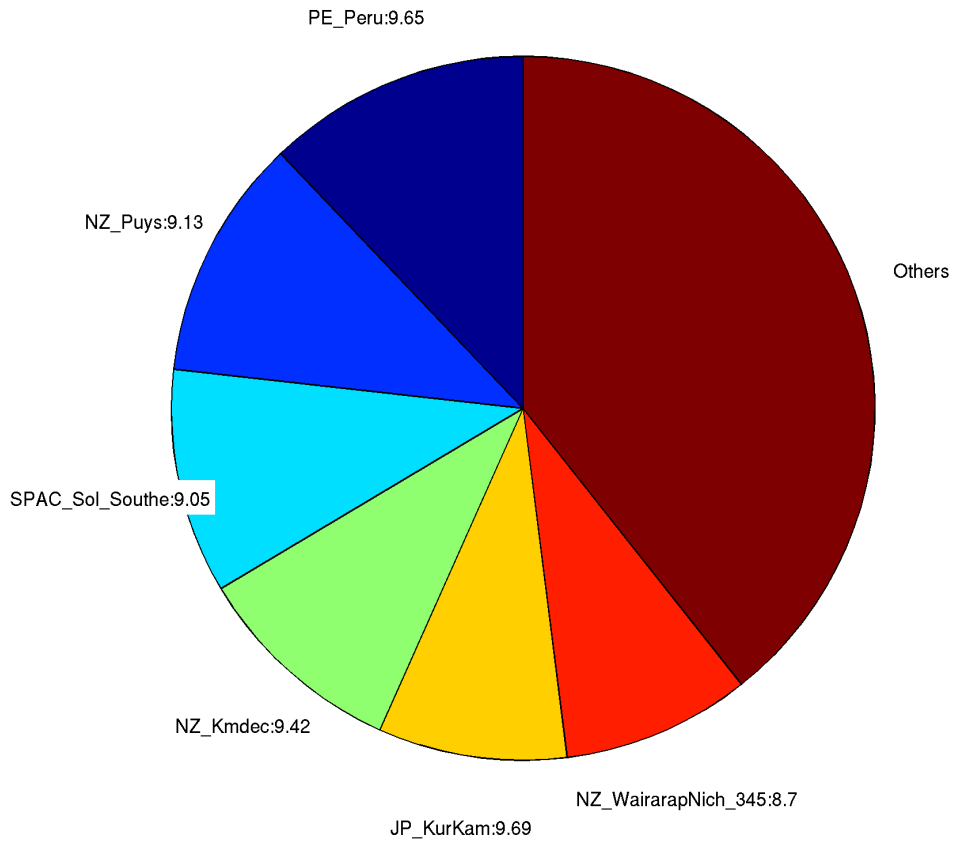
235. *Kongahu*



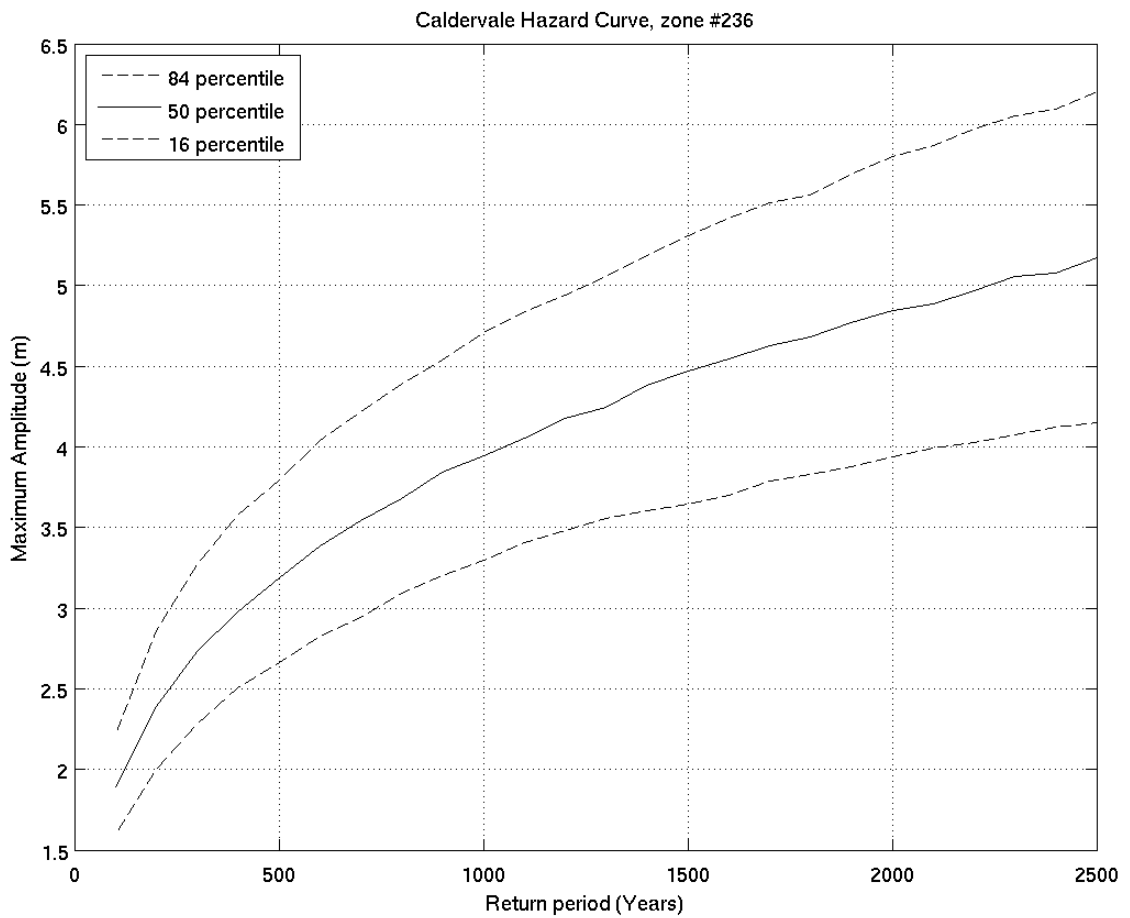
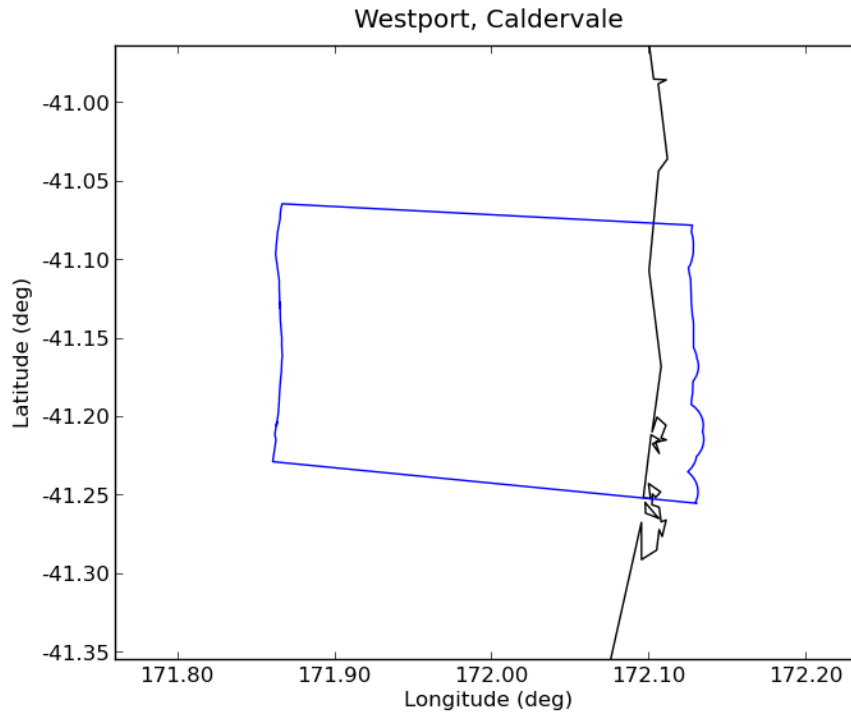
Deaggregation of Zone:235, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6647 m



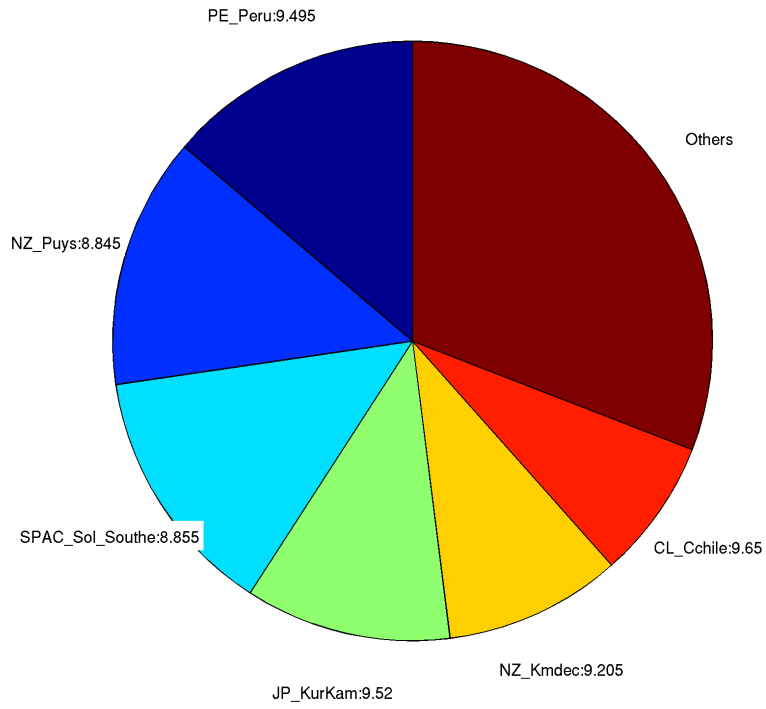
Deaggregation of Zone:235, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.7743 m



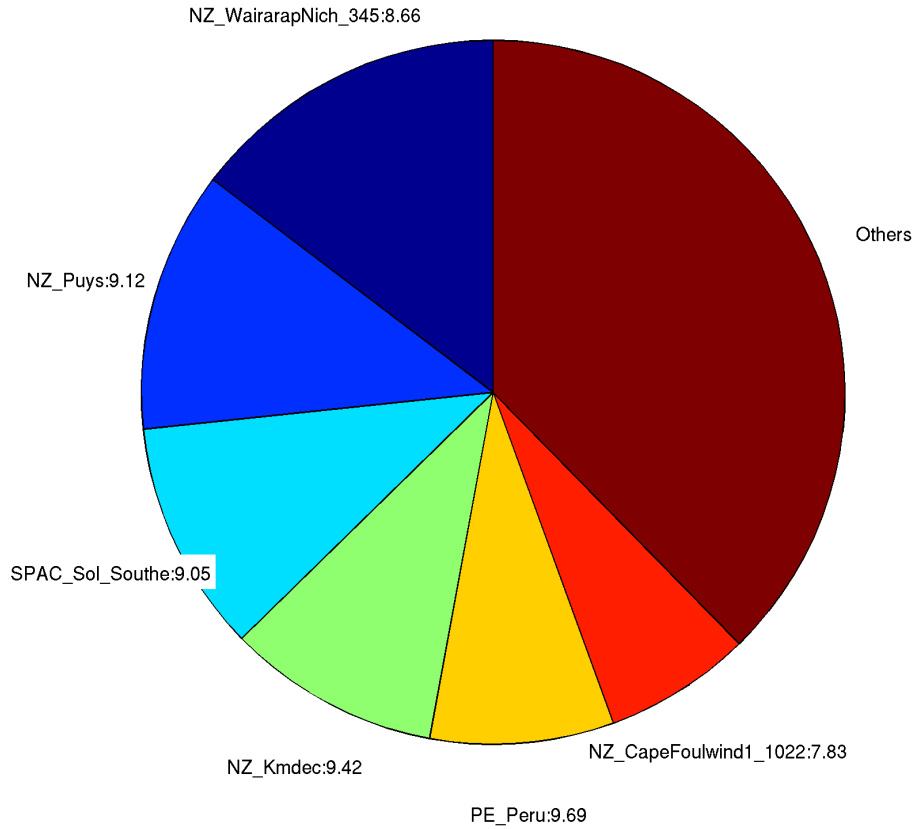
236. **Caldervale**



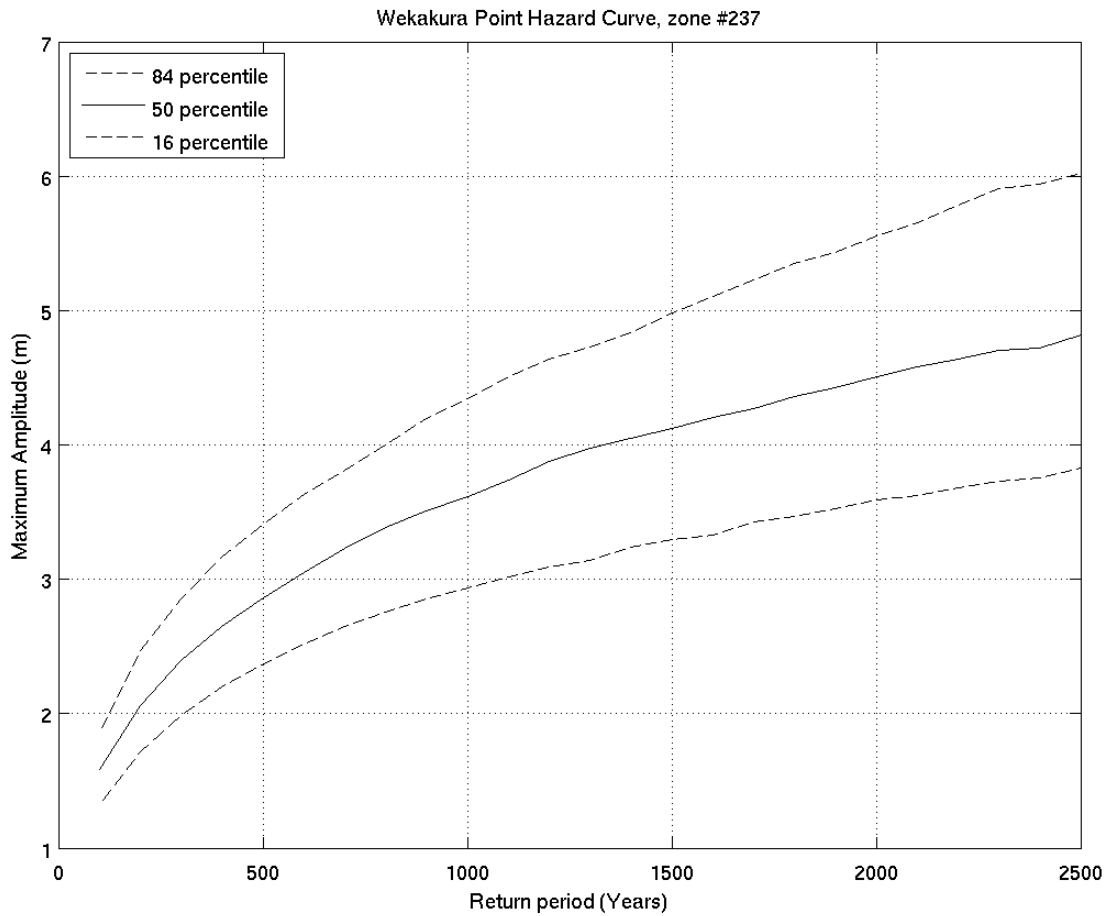
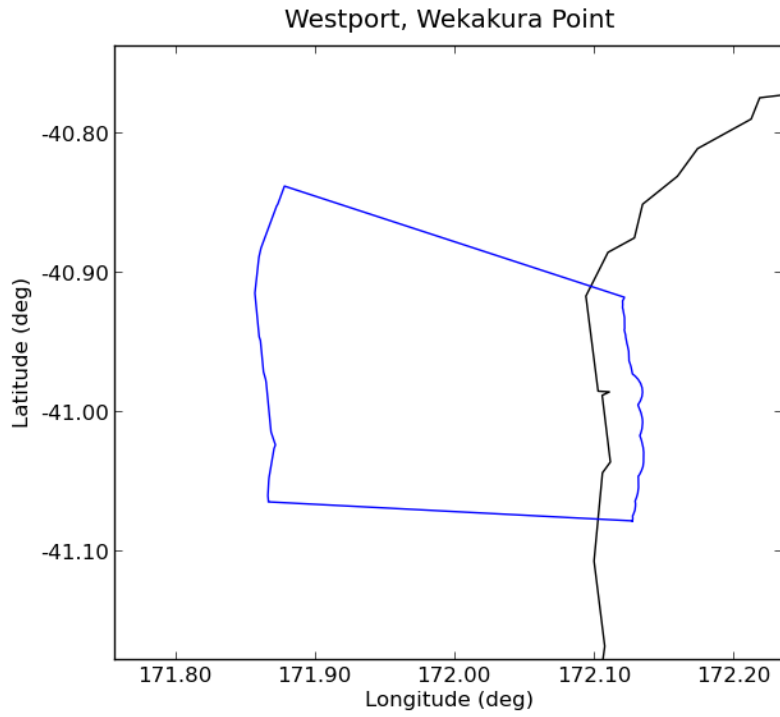
Deaggregation of Zone:236, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.1779 m



Deaggregation of Zone:236, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.1694 m

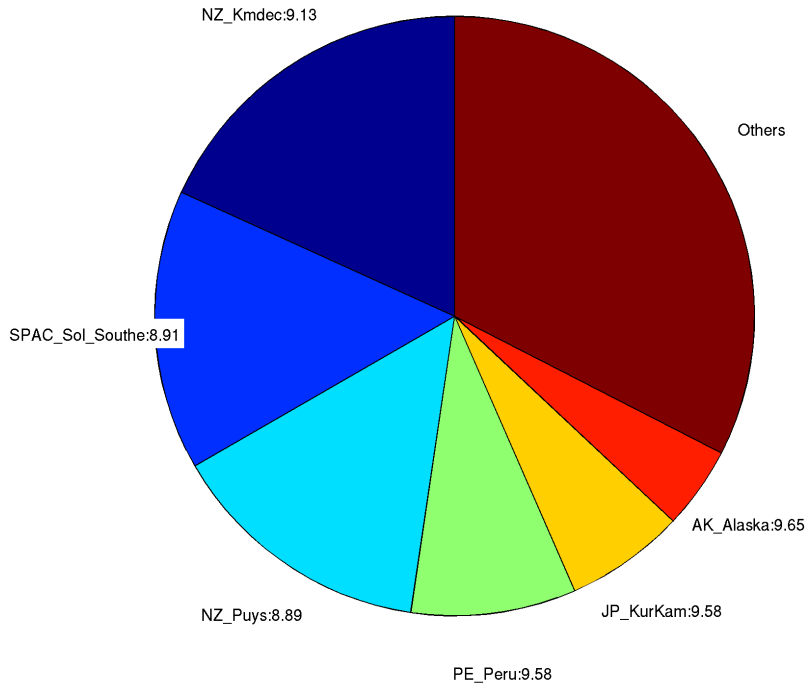


237. *Wekakura Point*

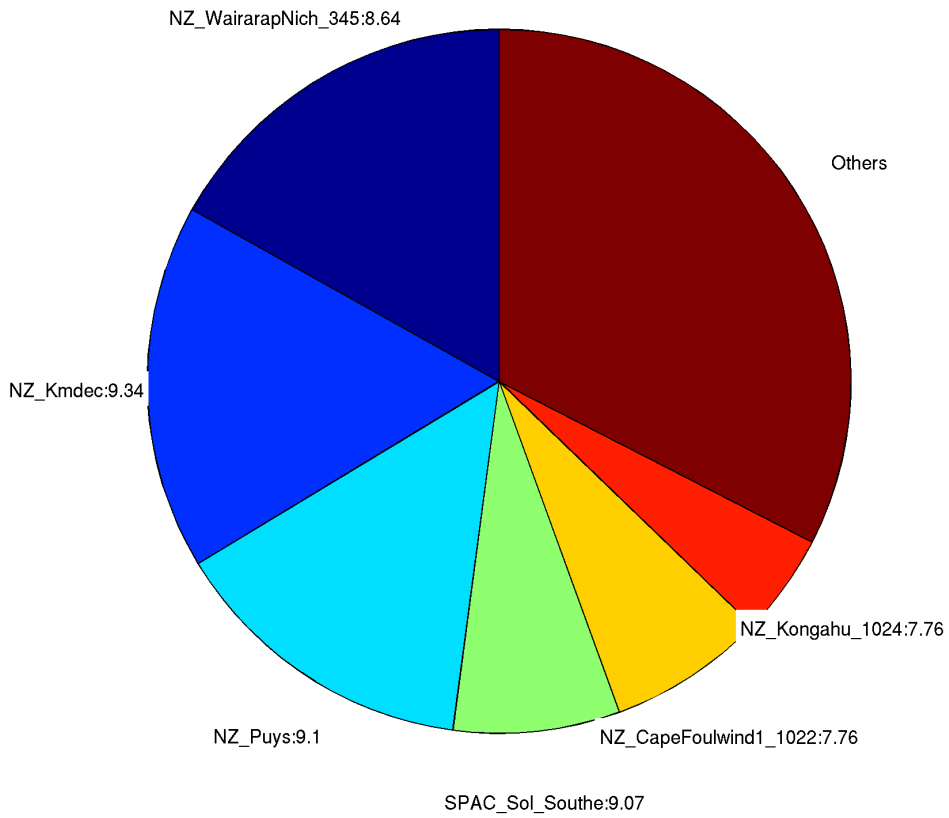




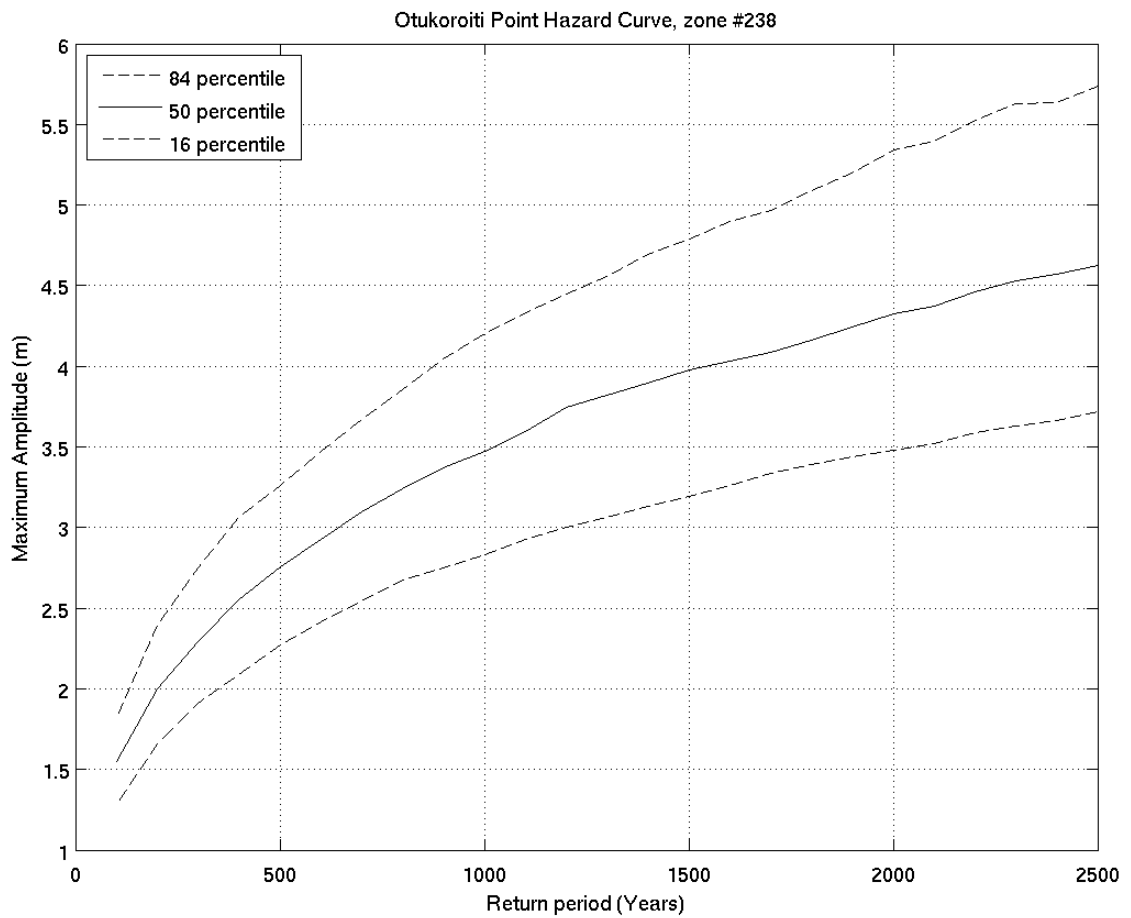
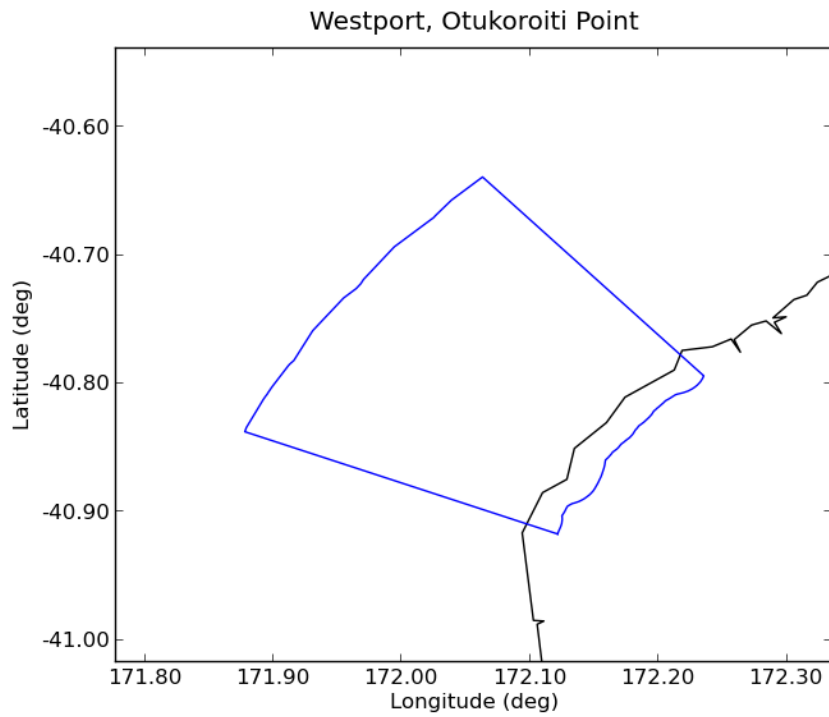
Deaggregation of Zone:237, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.8631 m



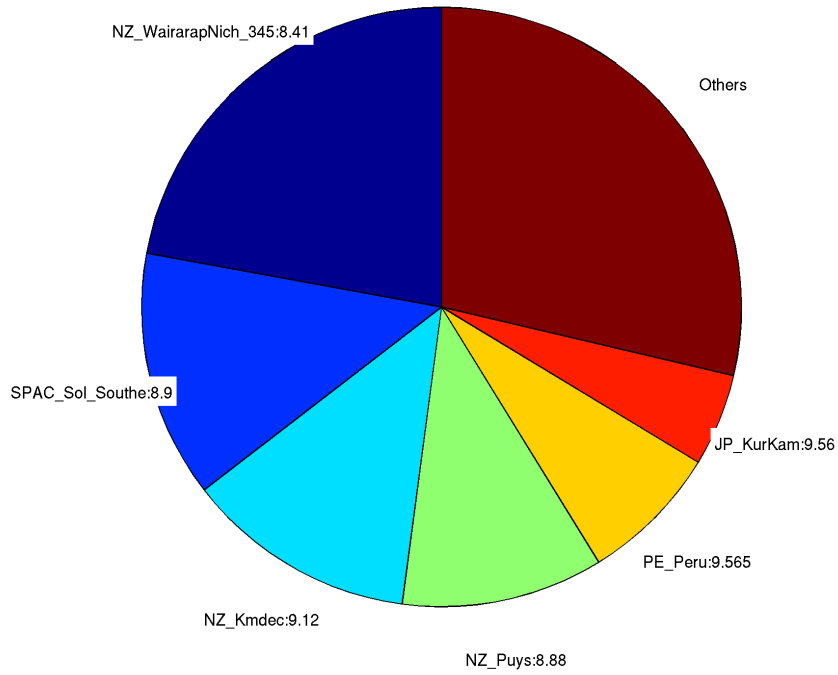
Deaggregation of Zone:237, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8137 m



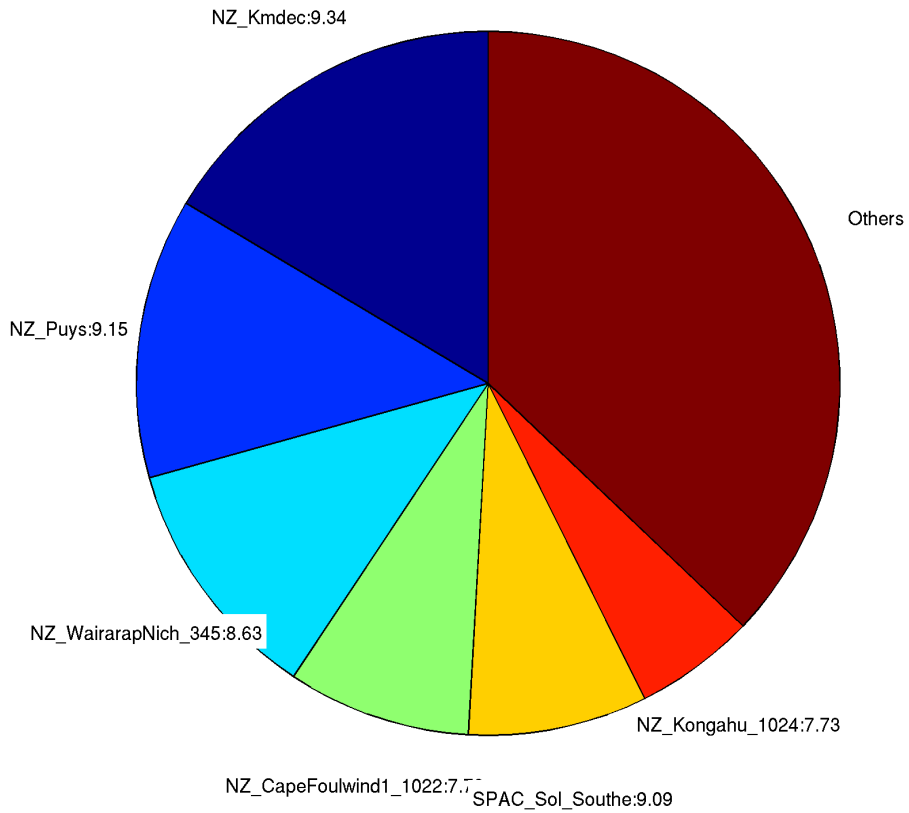
### 238. Otukoroiti Point



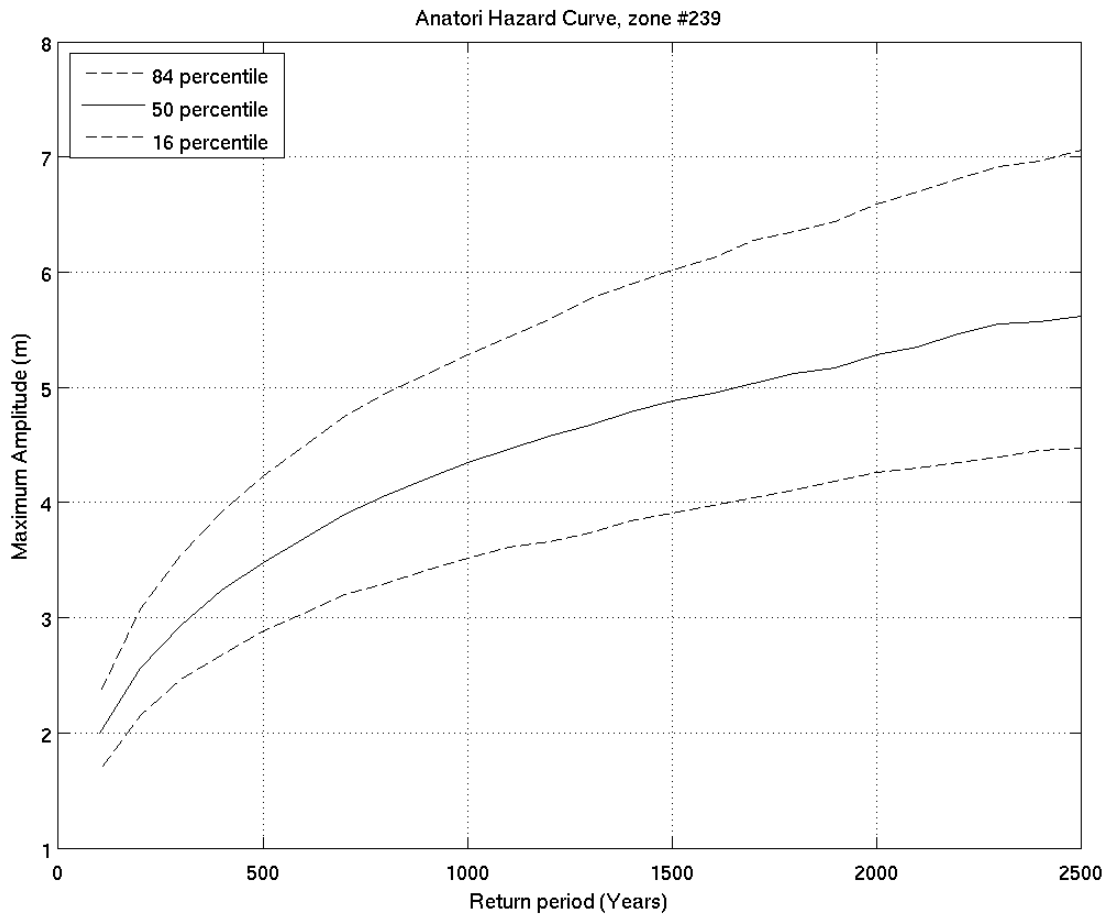
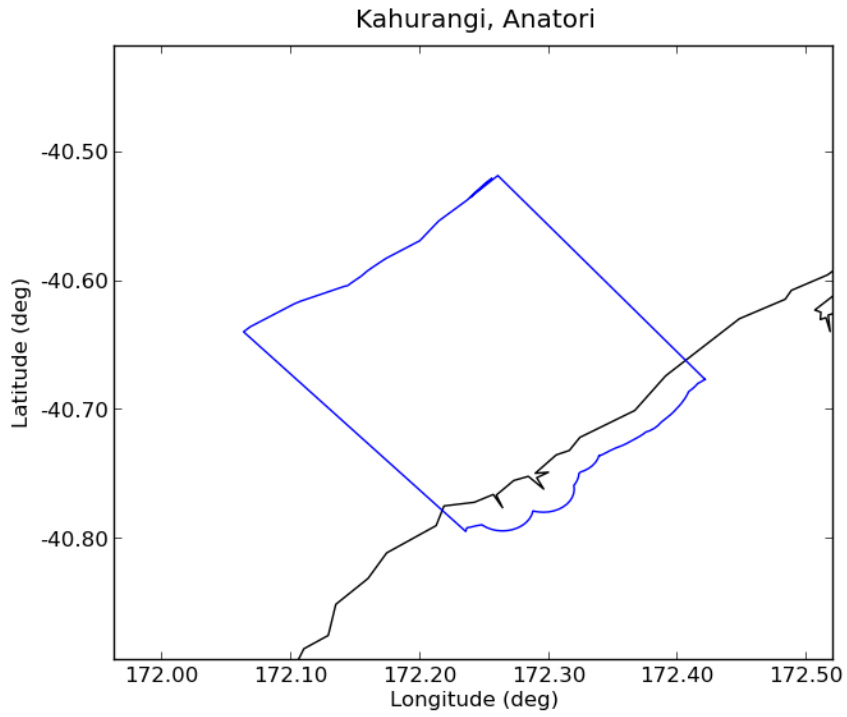
Deaggregation of Zone:238, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.7548 m



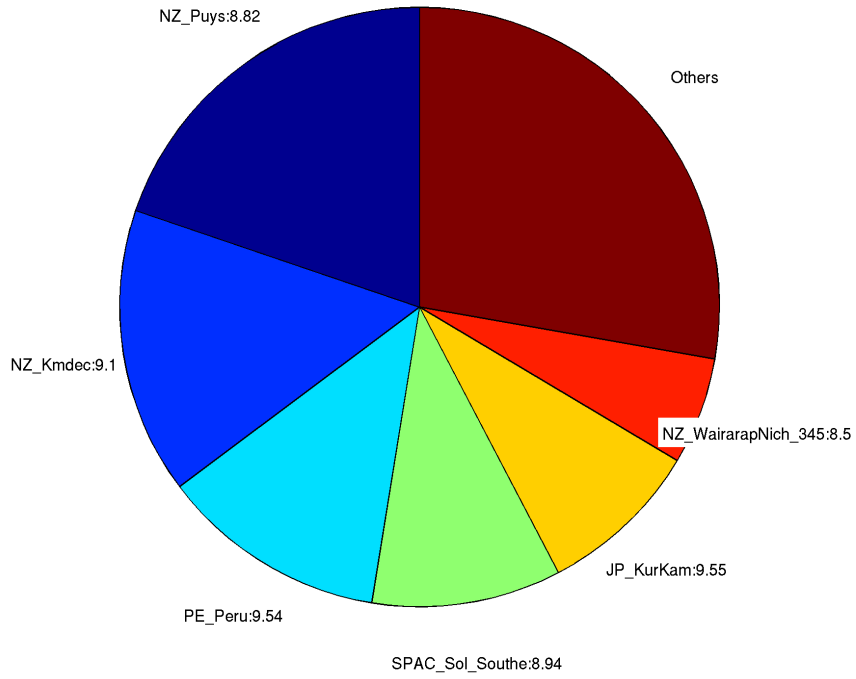
Deaggregation of Zone:238, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.6238 m



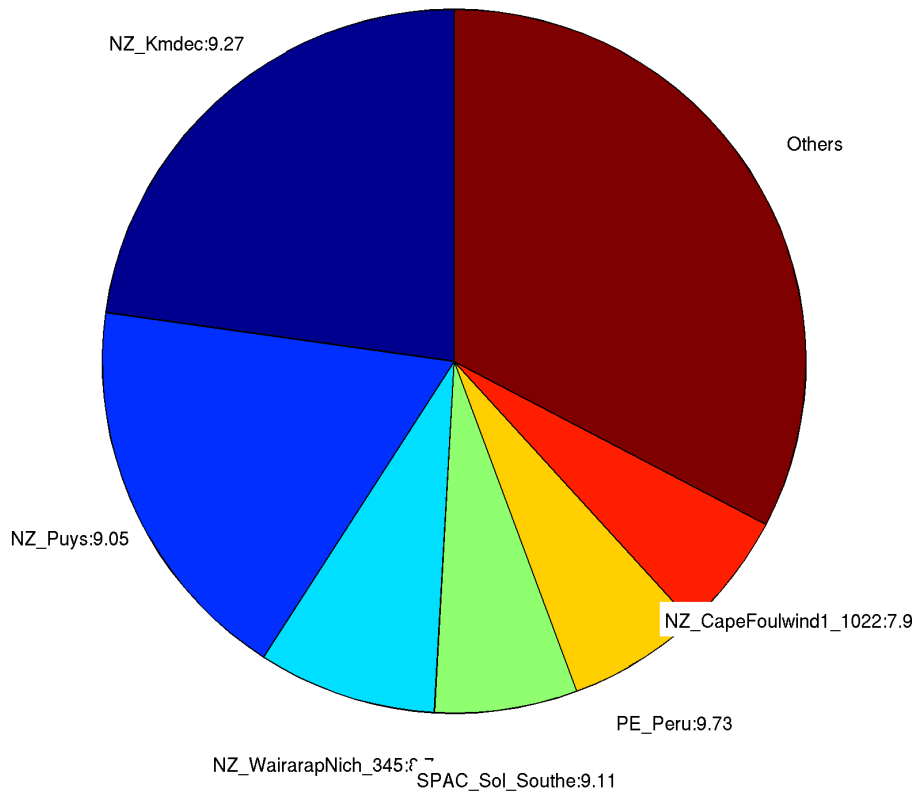
239. *Anatori*



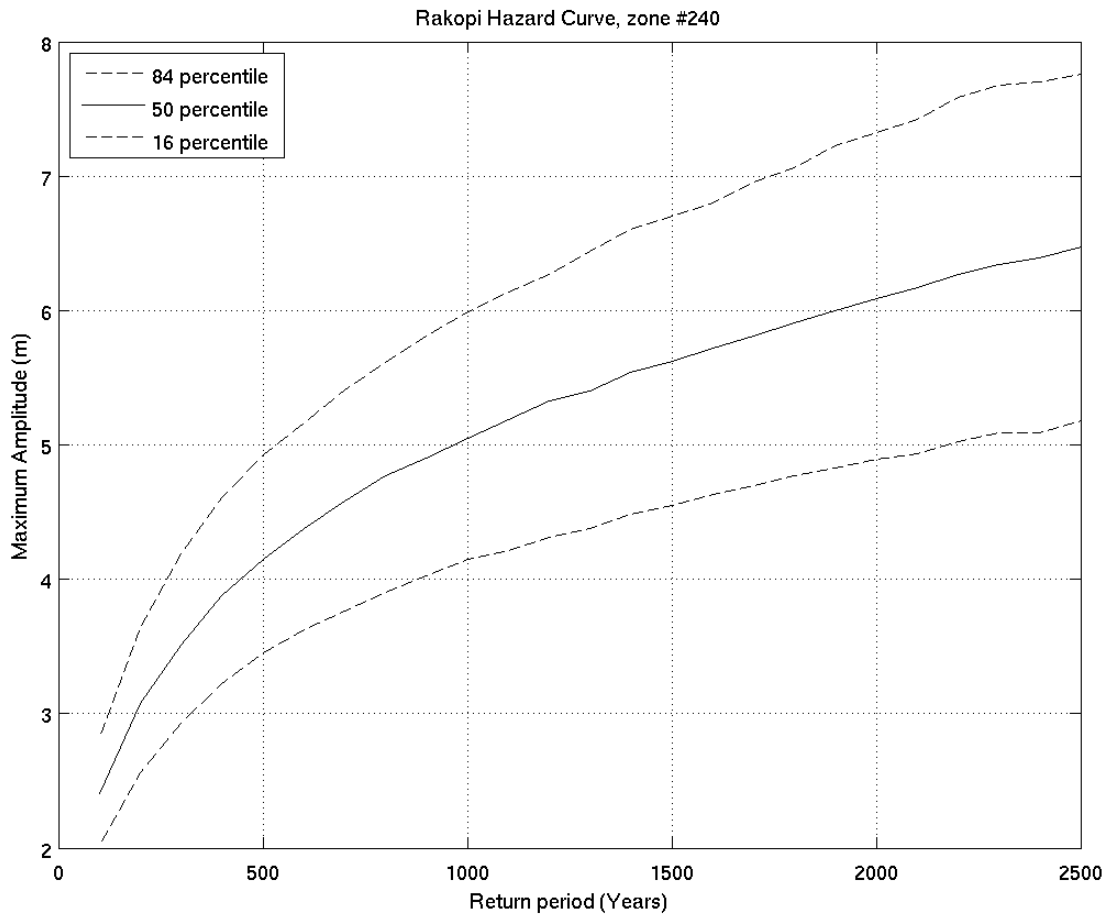
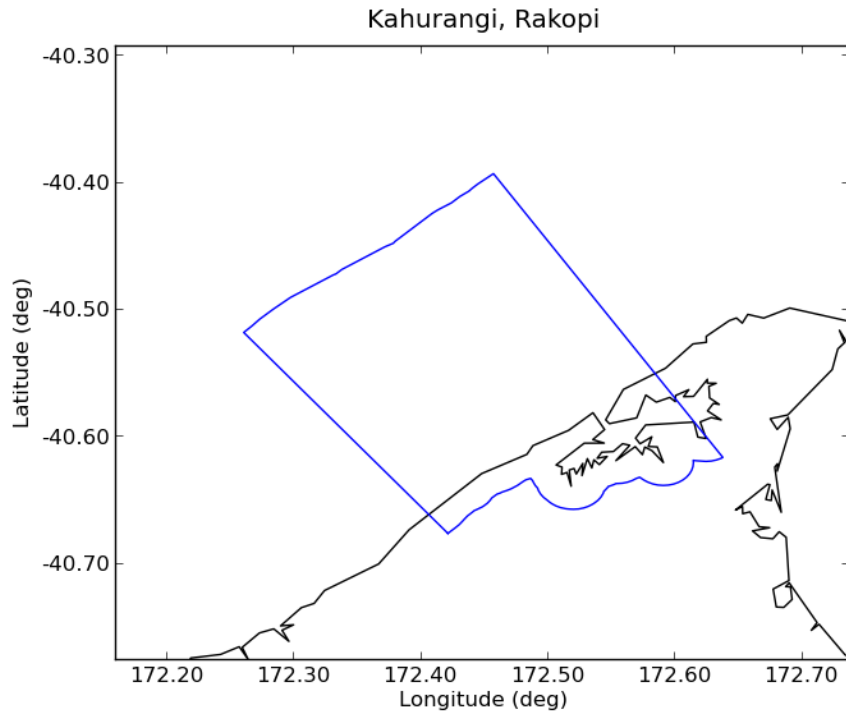
Deaggregation of Zone:239, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.4802 m



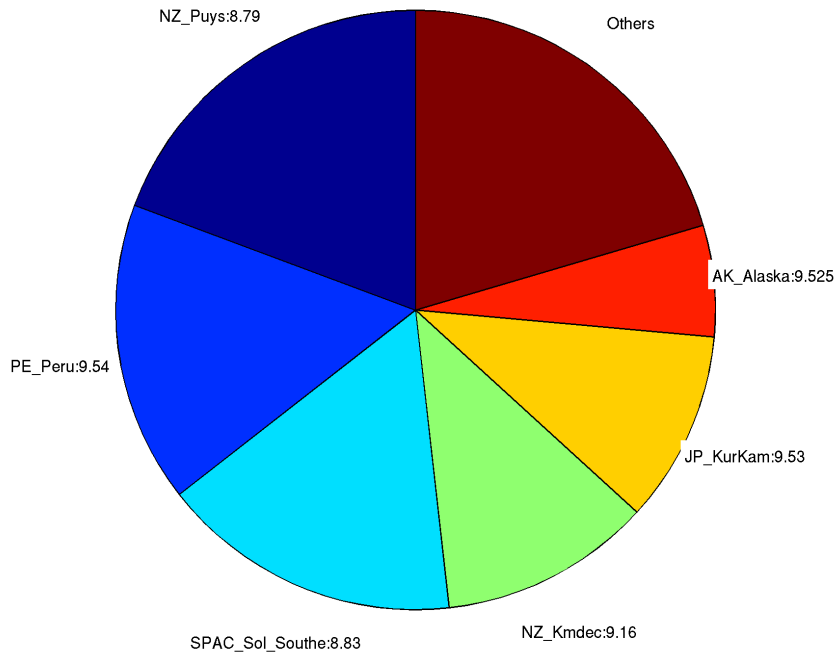
Deaggregation of Zone:239, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.602 m



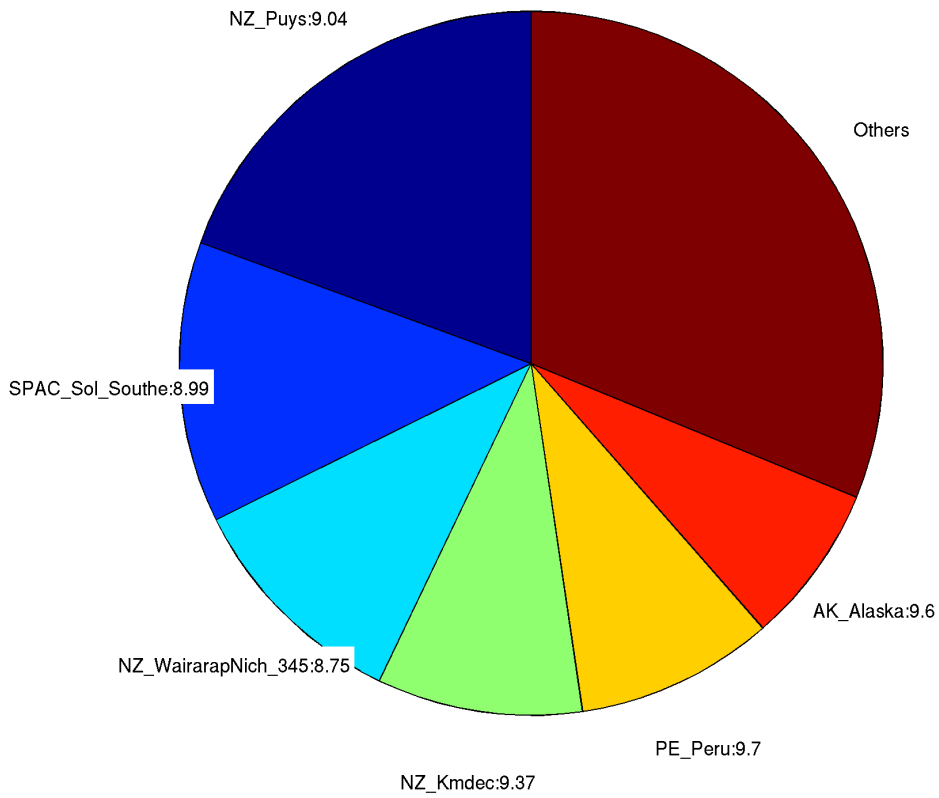
240. *Rakopi*



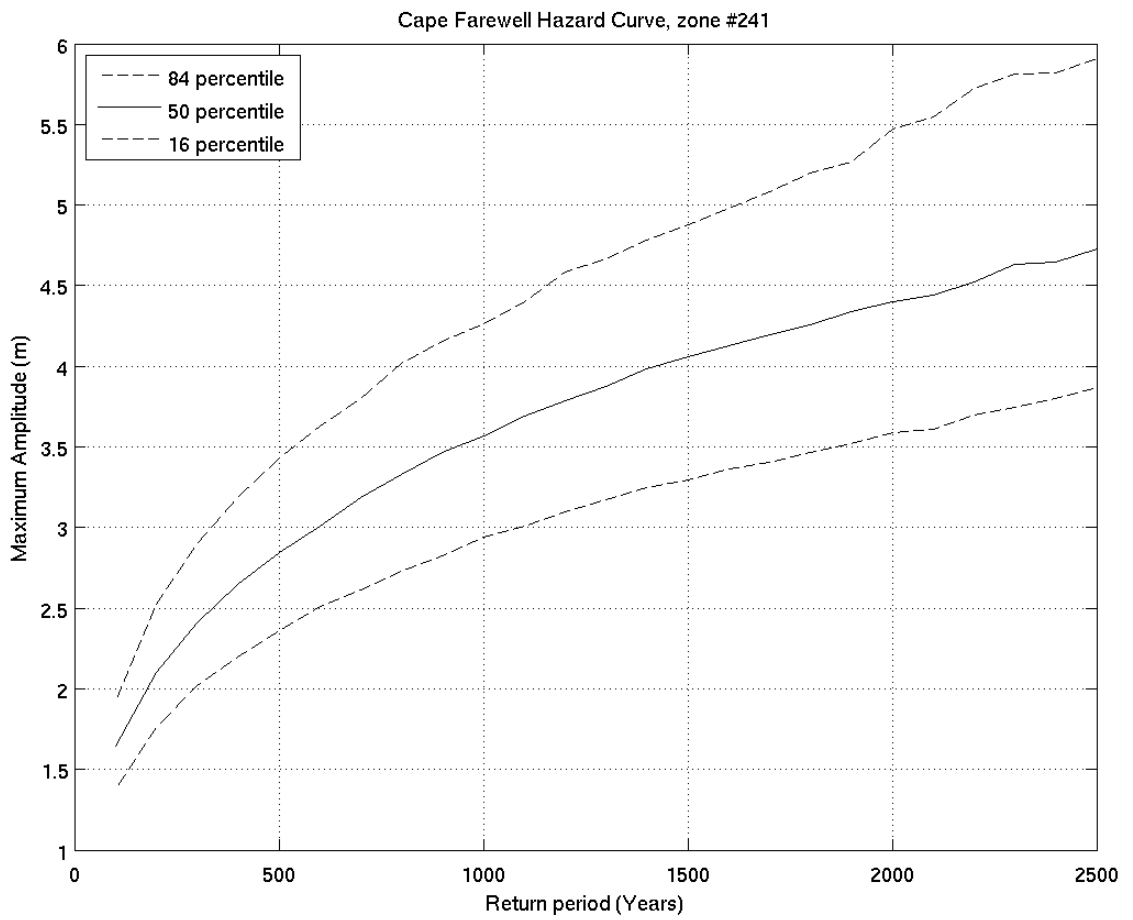
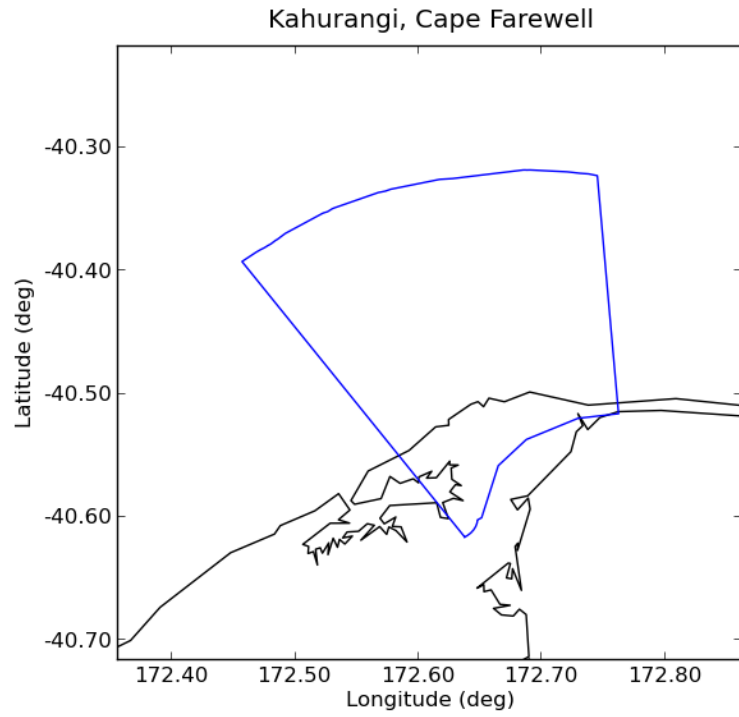
Deaggregation of Zone:240, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1427 m



Deaggregation of Zone:240, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.469 m

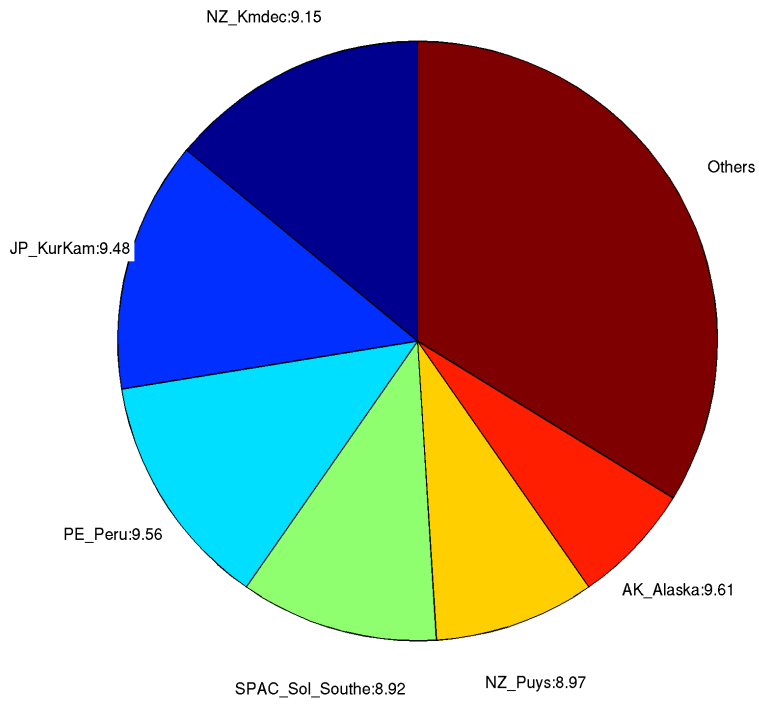


## 241. *Cape Farewell*

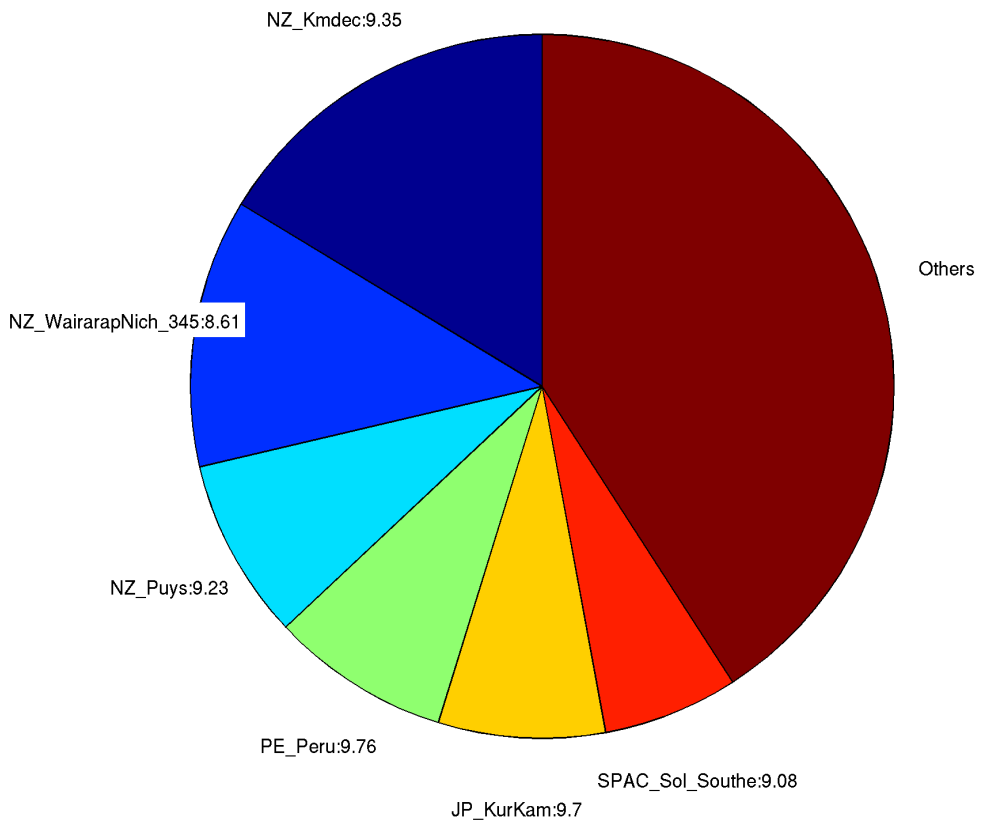




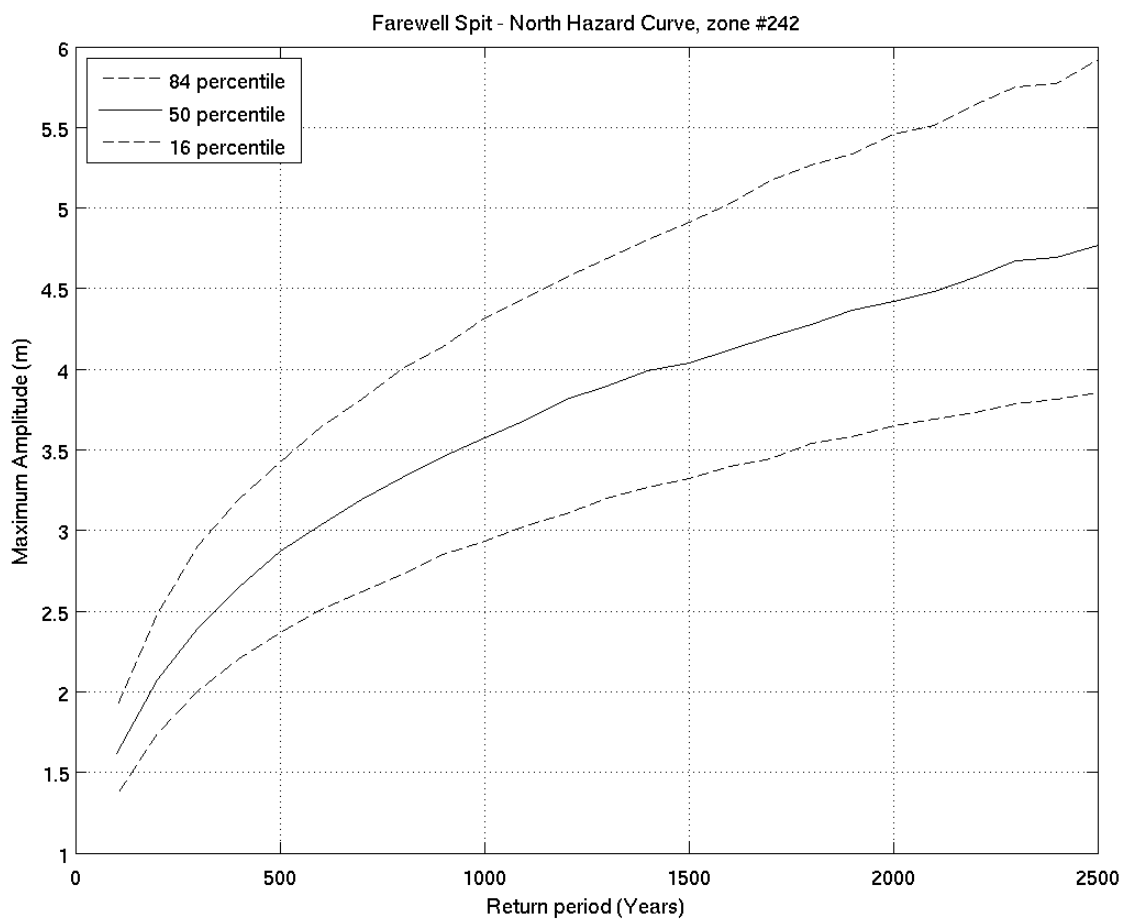
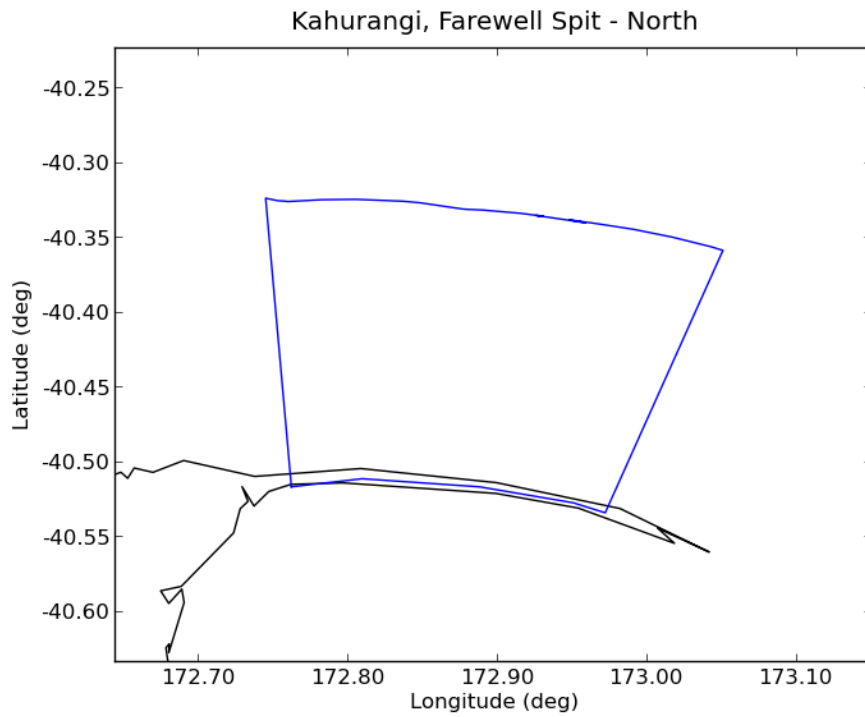
Deaggregation of Zone:241, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.8382 m



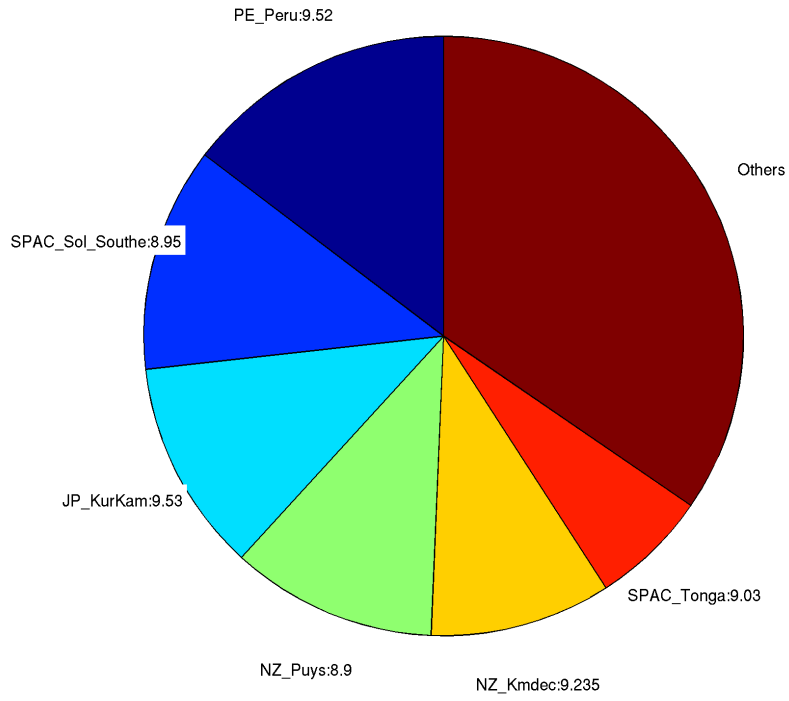
Deaggregation of Zone:241, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7208 m



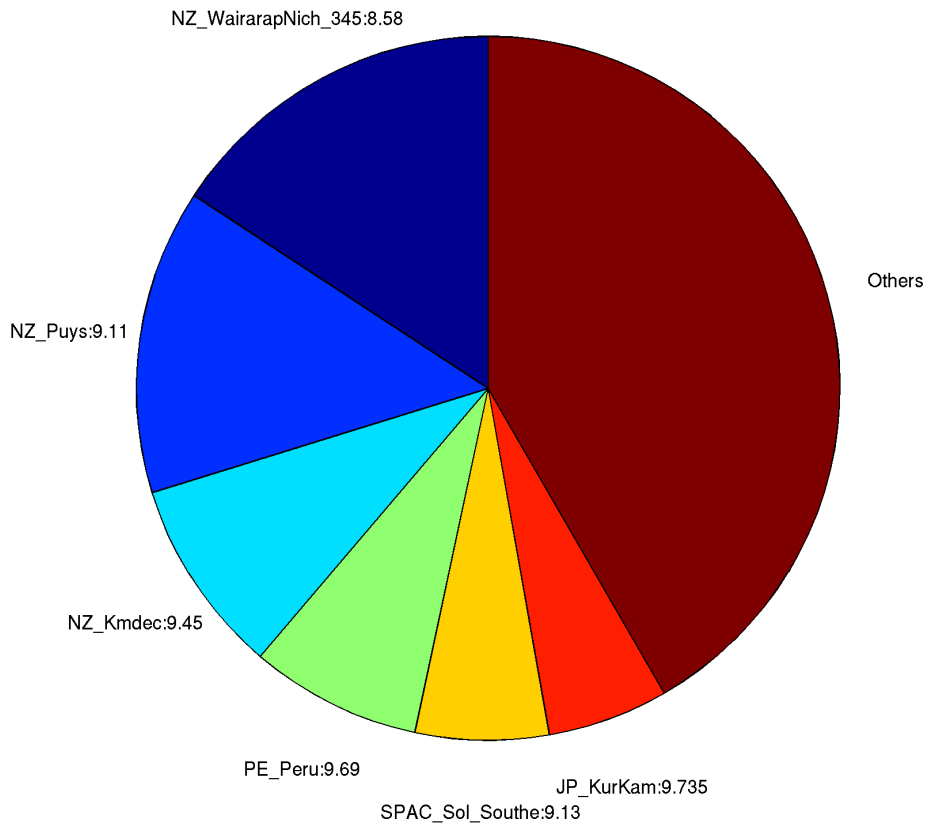
## 242. Farewell Spit - North



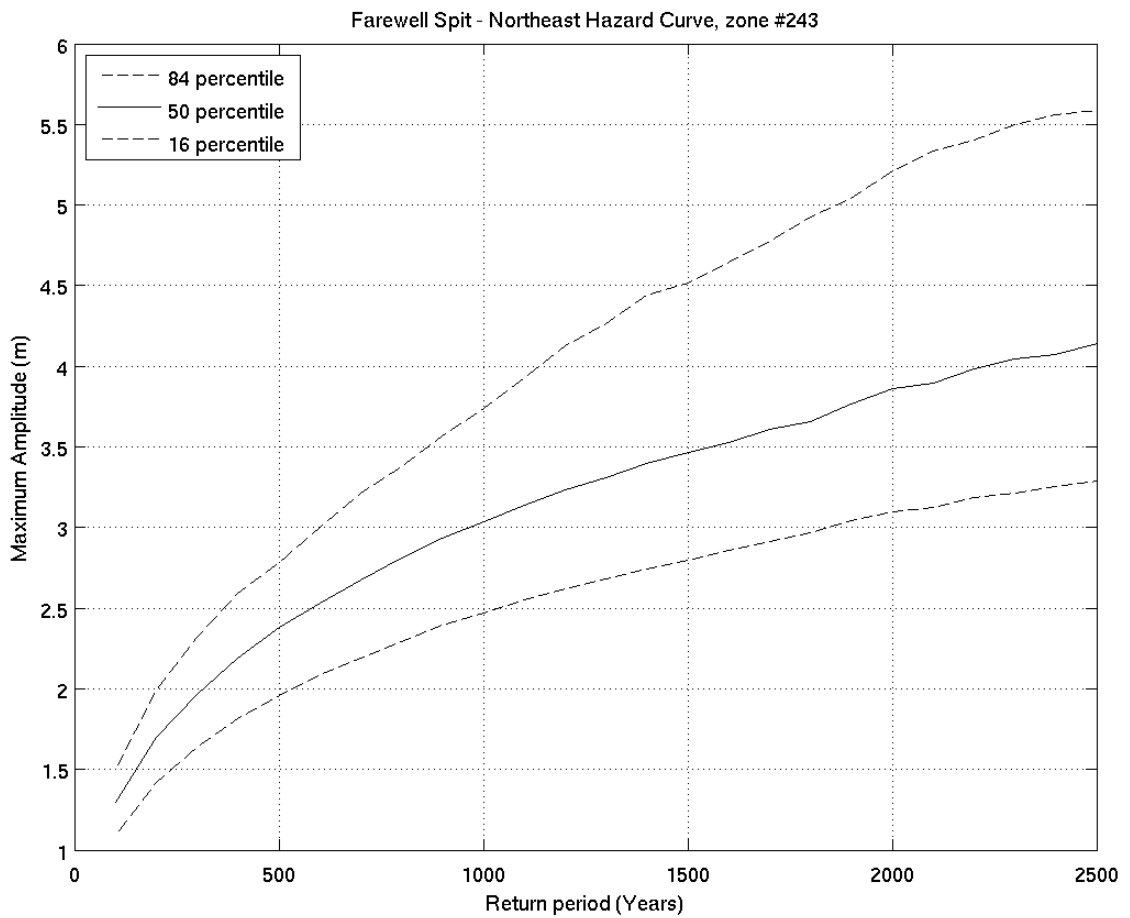
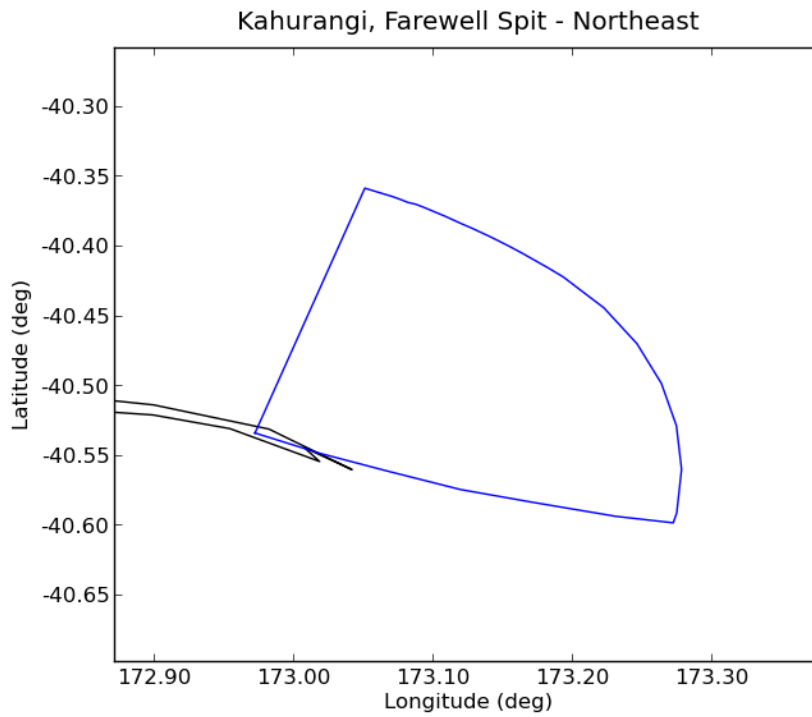
Deaggregation of Zone:242, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.87 m



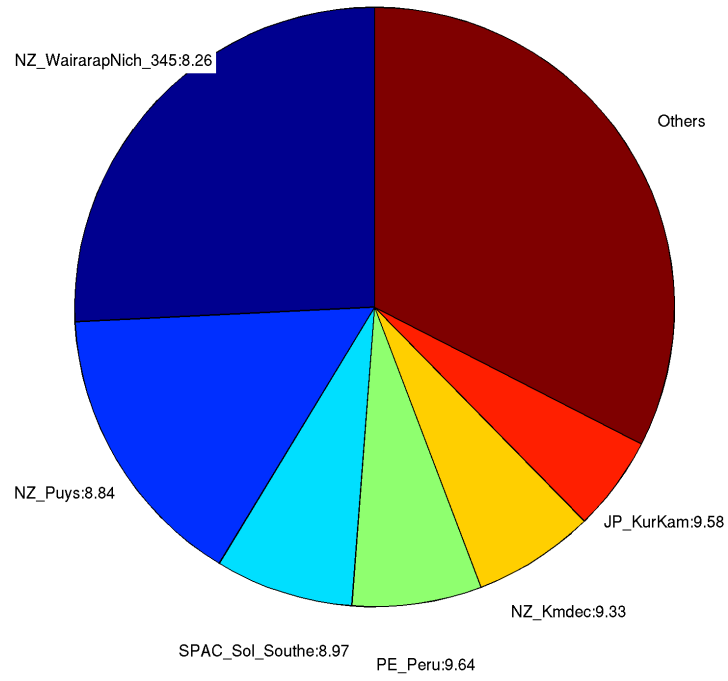
Deaggregation of Zone:242, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7627 m



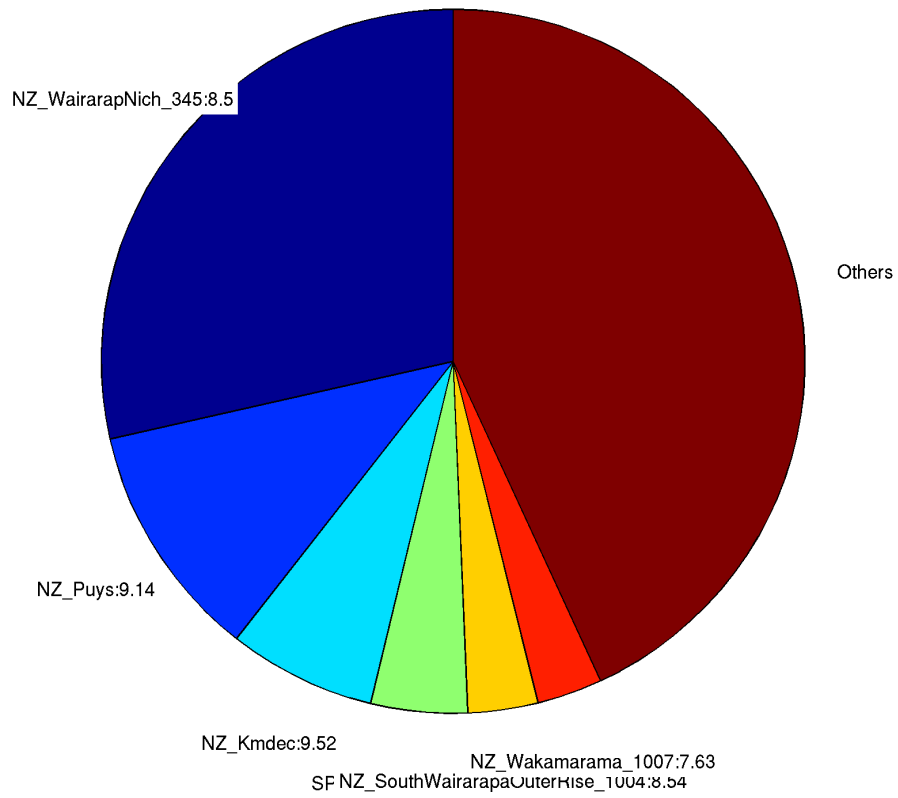
### 243. Farewell Spit - Northeast



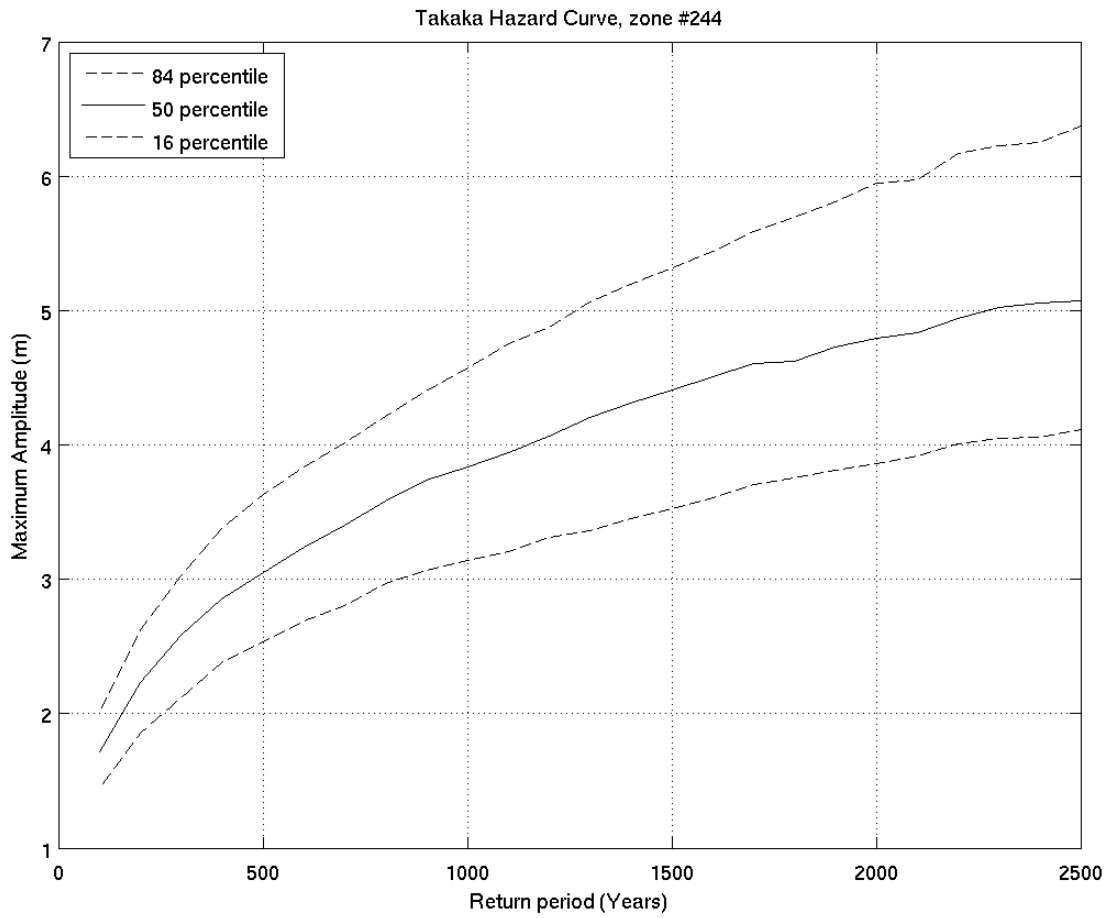
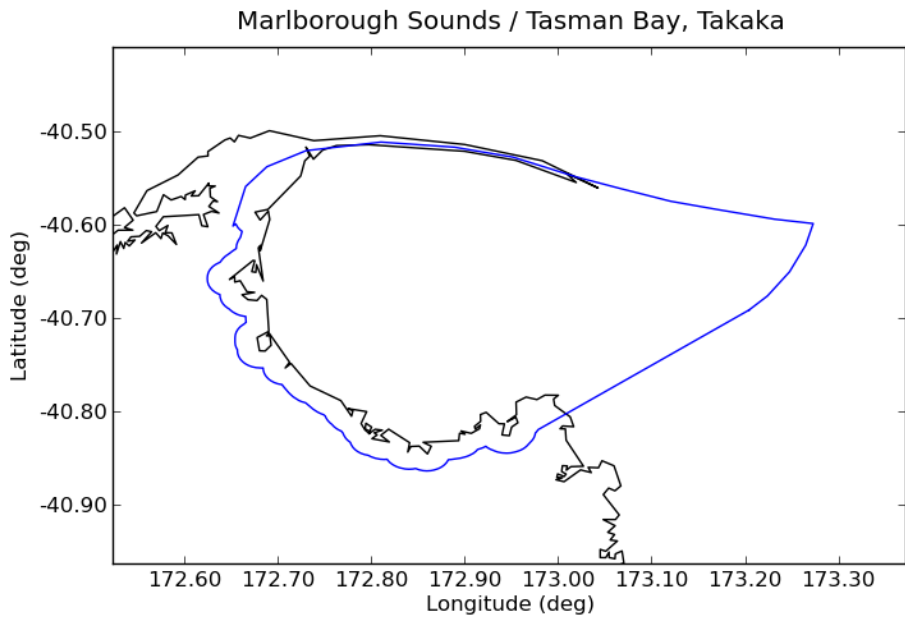
Deaggregation of Zone:243, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.3836 m



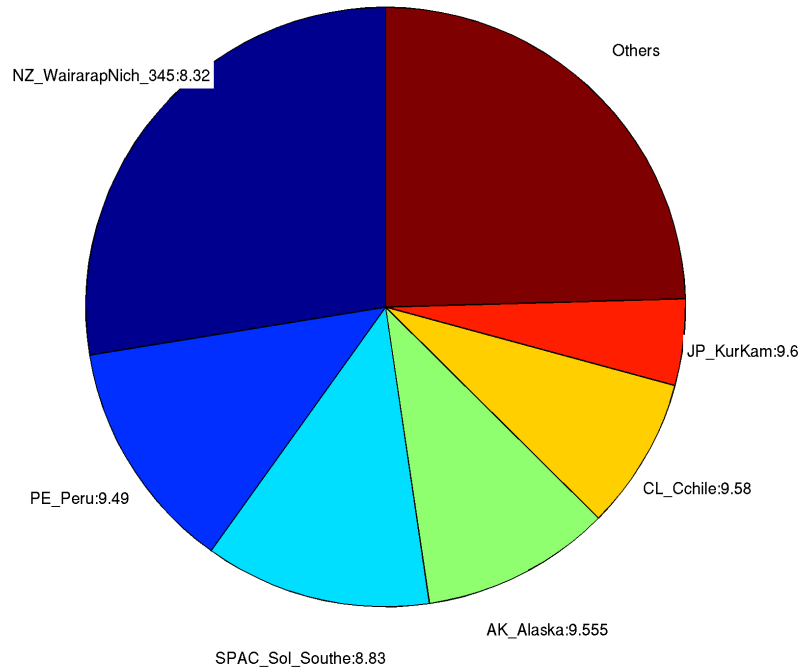
Deaggregation of Zone:243, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1422 m



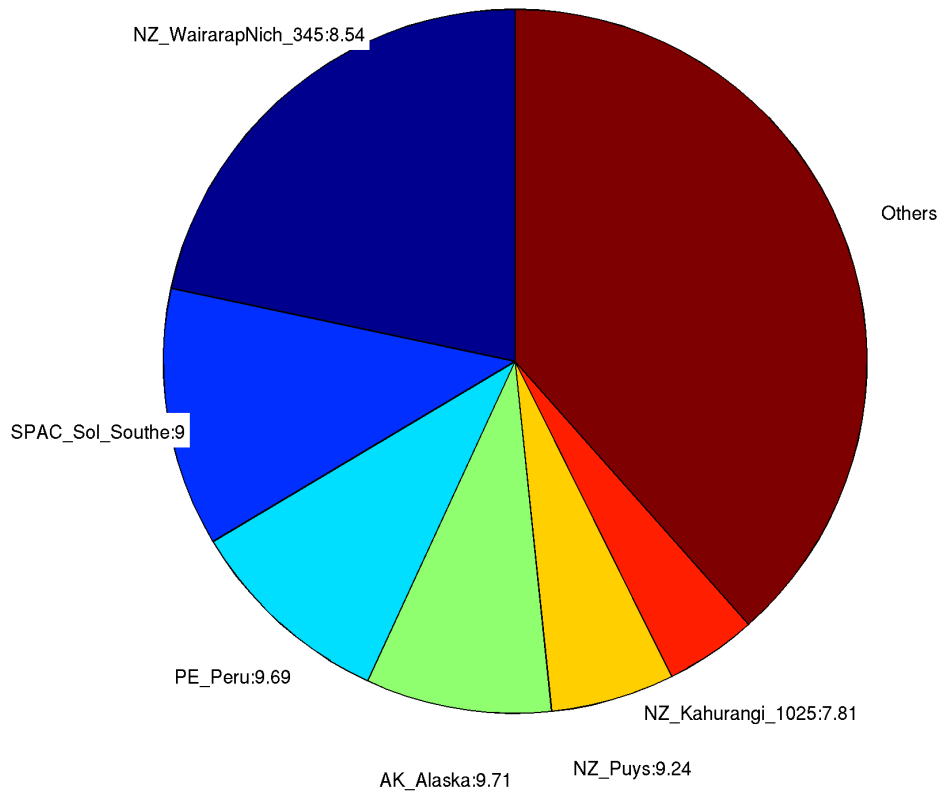
244. *Takaka*



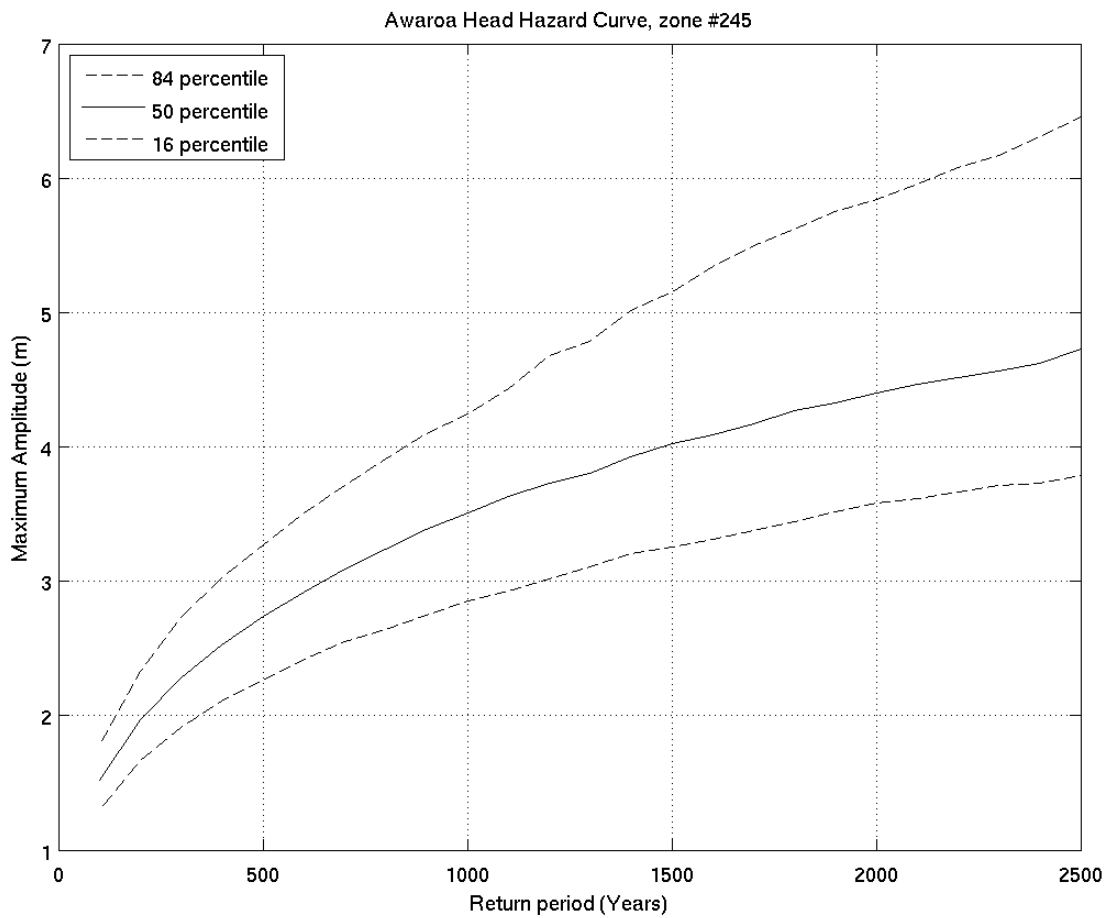
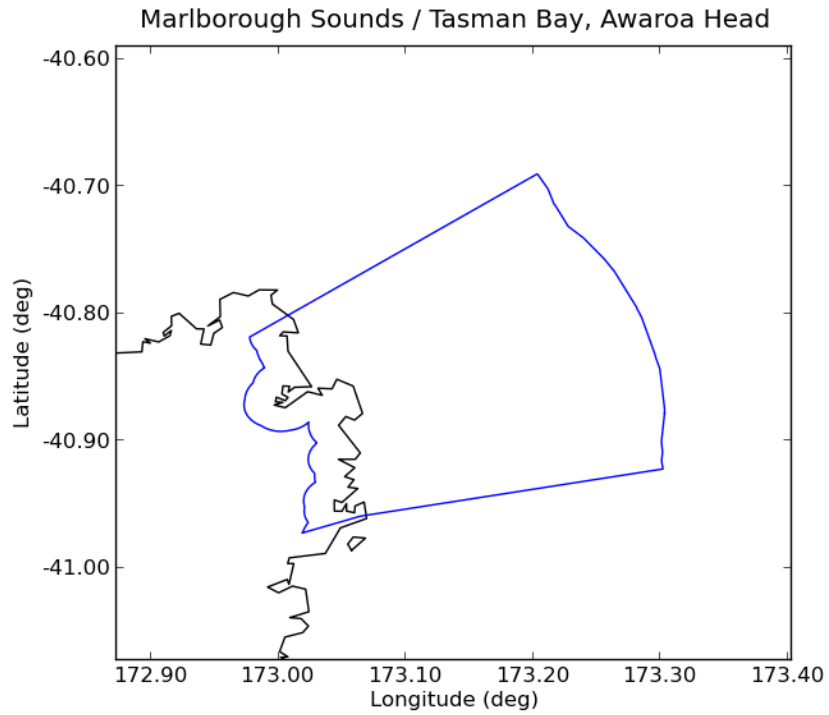
Deaggregation of Zone:244, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.0491 m



Deaggregation of Zone:244, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.0706 m

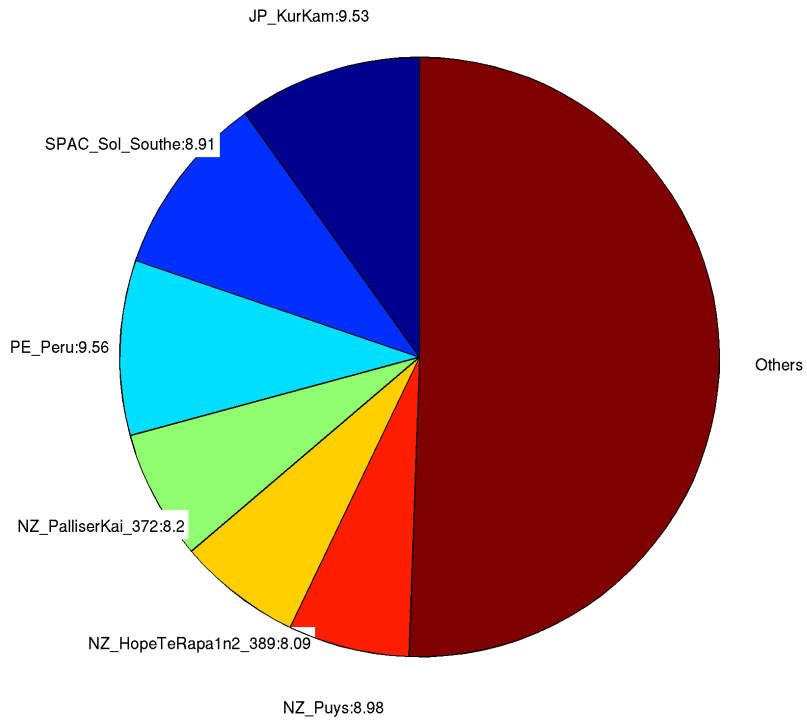


245. **Awaroa Head**

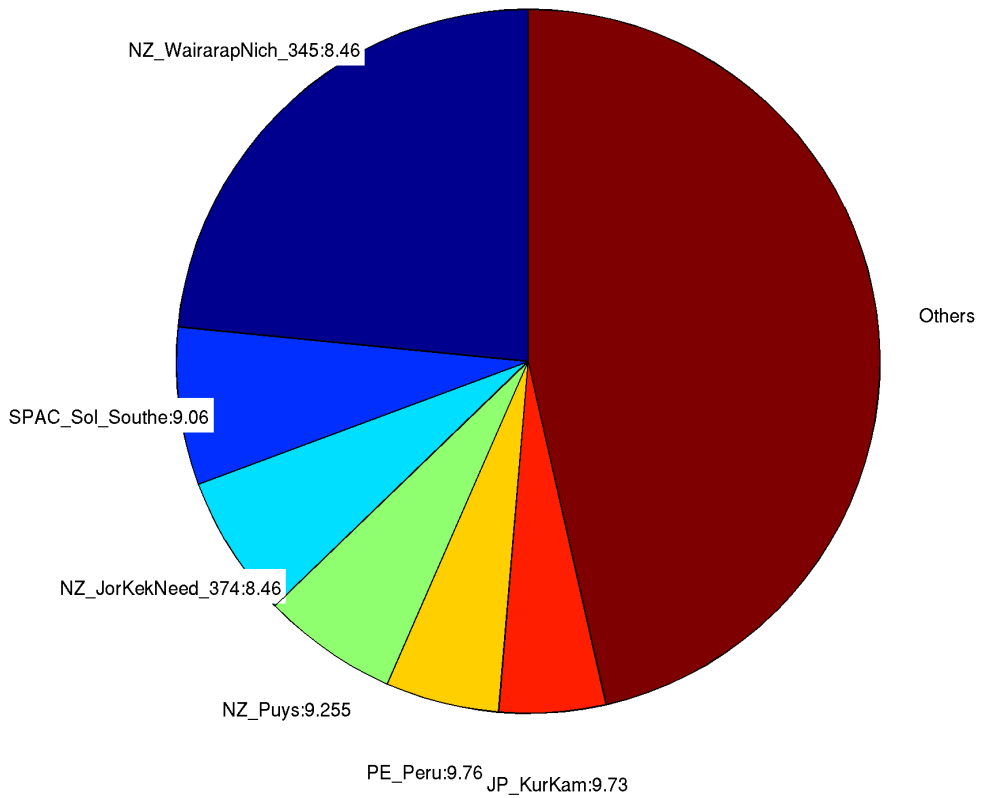




Deaggregation of Zone:245, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:2.738 m

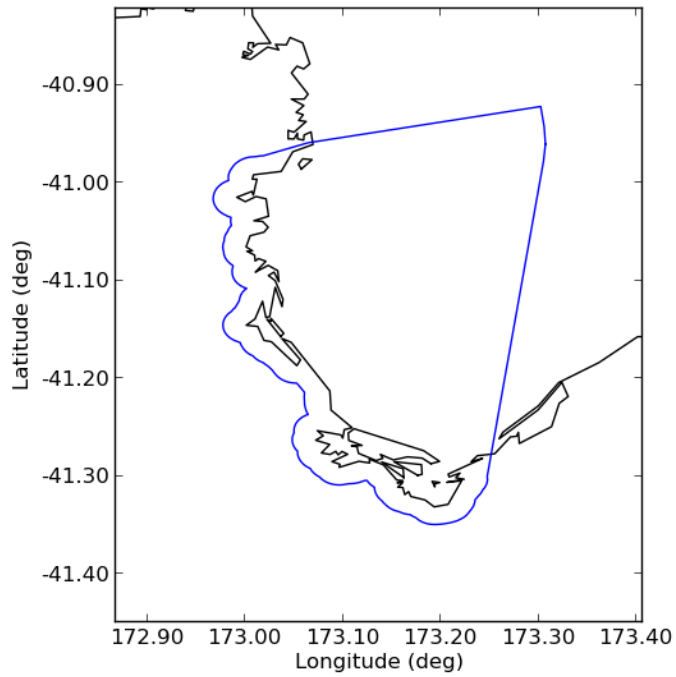


Deaggregation of Zone:245, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7282 m

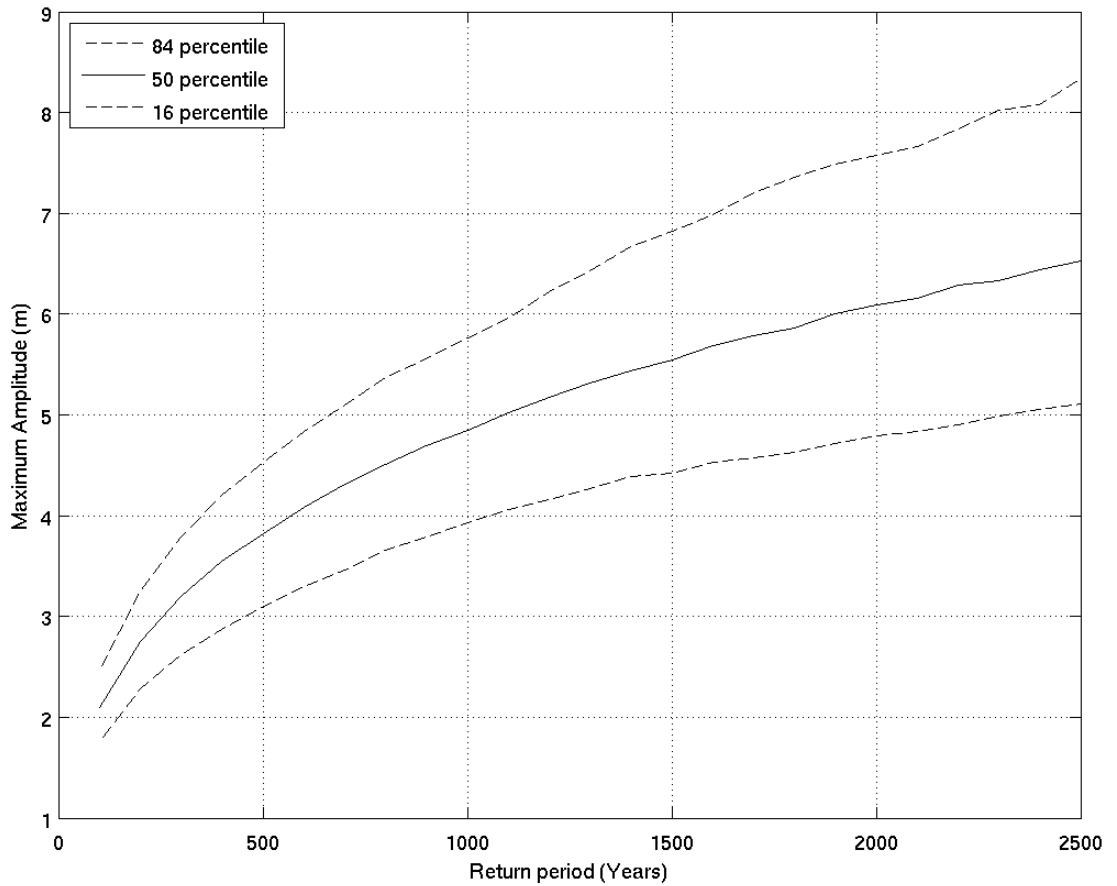


246. **RICHMOND**

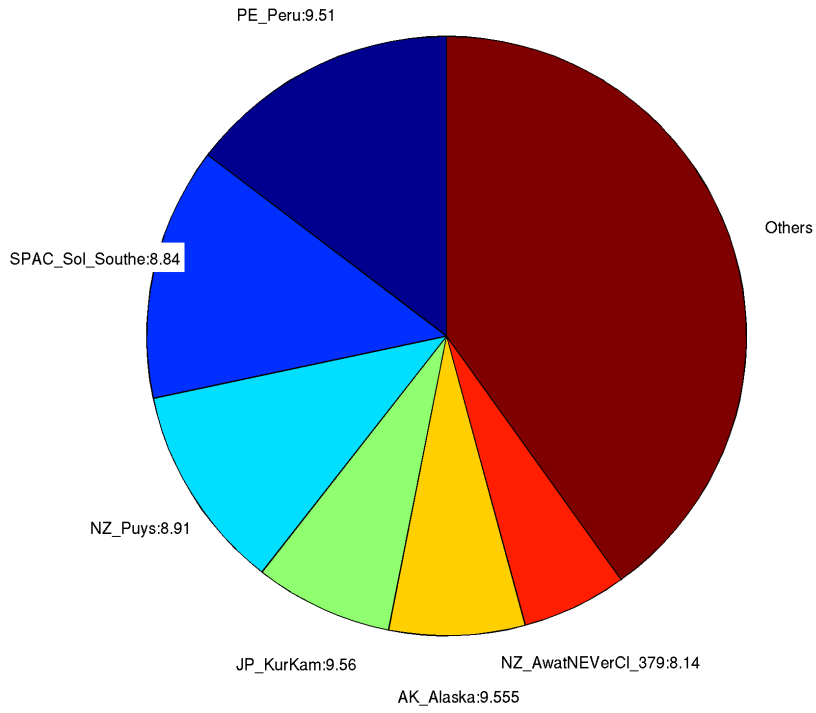
Marlborough Sounds / Tasman Bay, RICHMOND



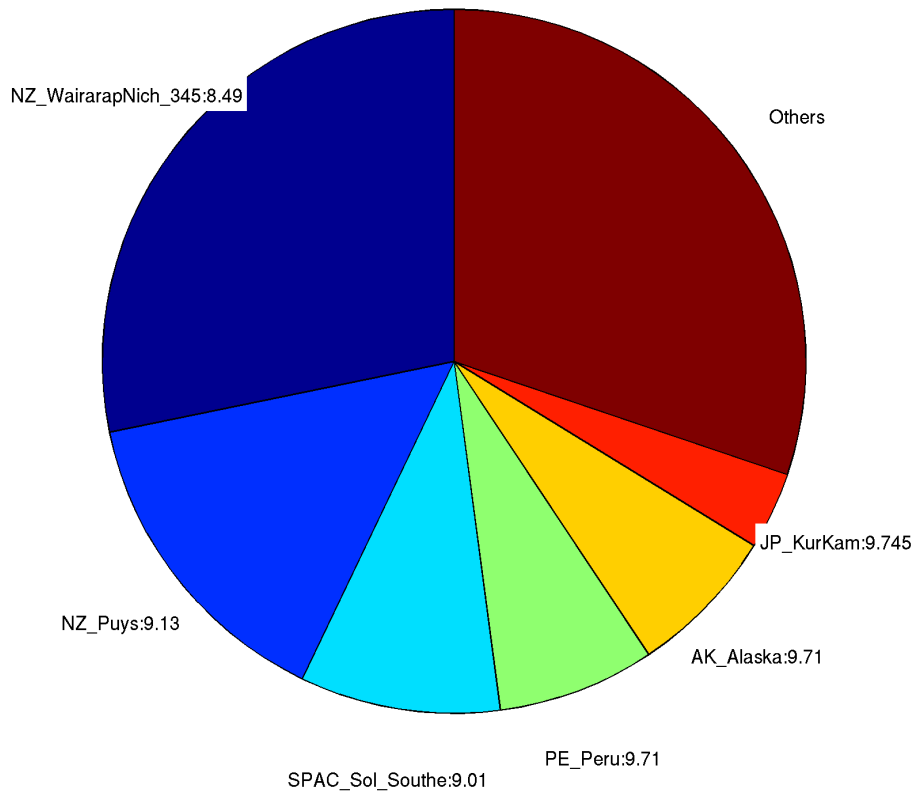
RICHMOND Hazard Curve, zone #246



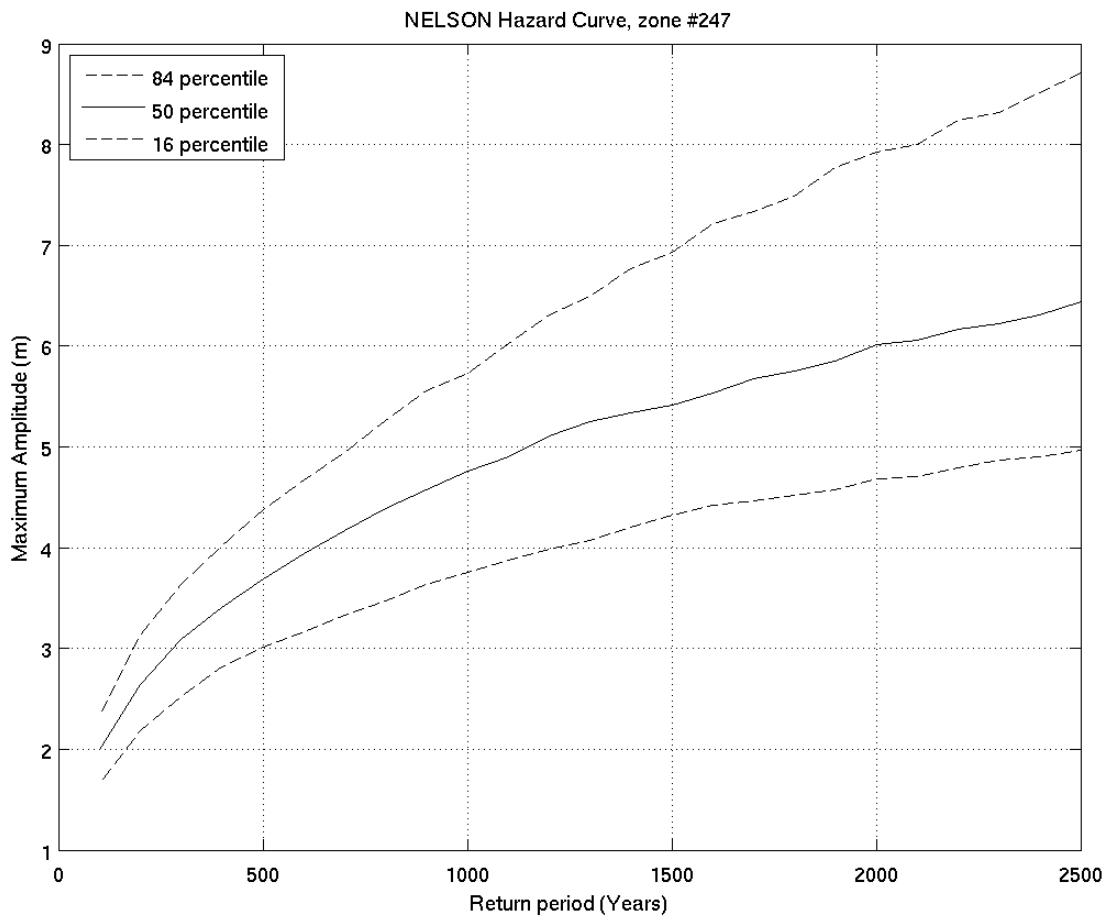
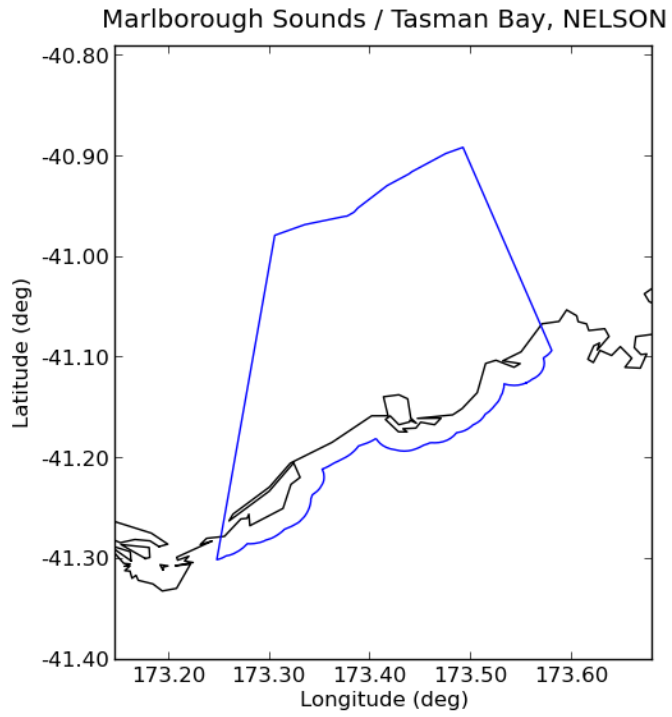
Deaggregation of Zone:246, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.8229 m



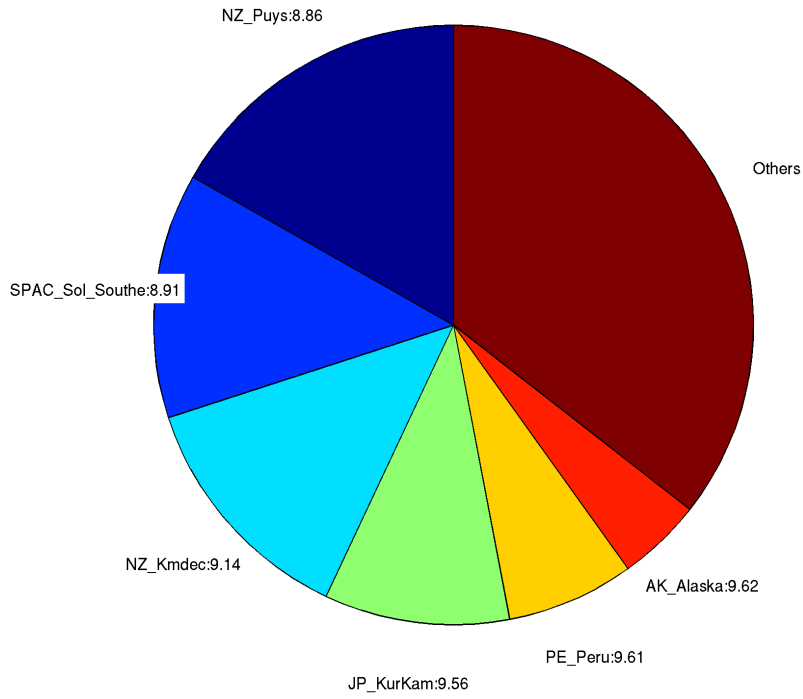
Deaggregation of Zone:246, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.5181 m



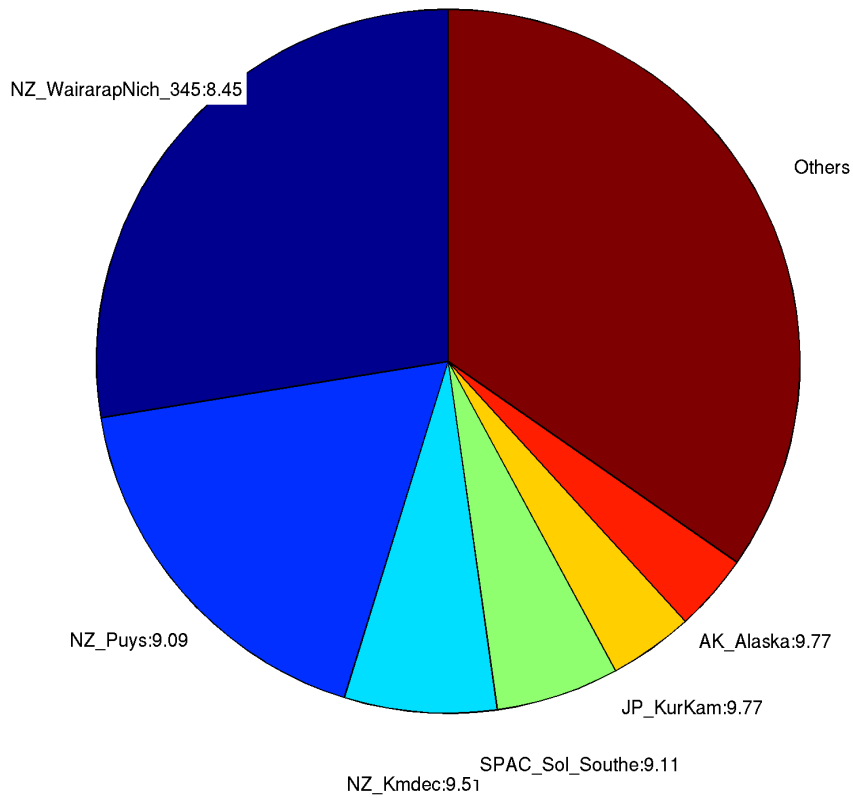
247. **NELSON**



Deaggregation of Zone:247, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:3.6885 m

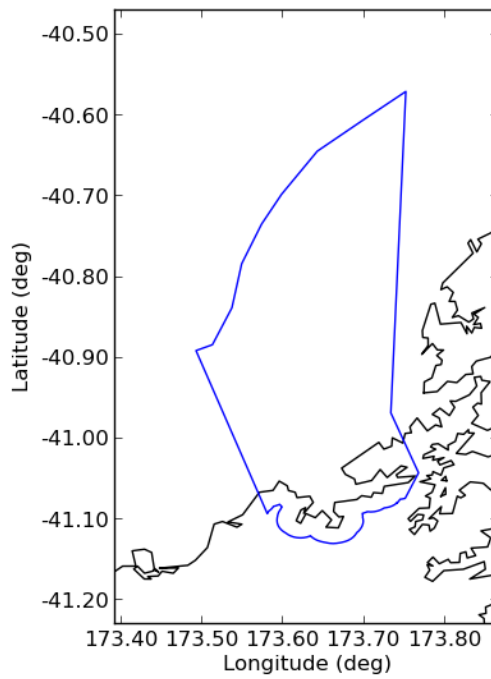


Deaggregation of Zone:247, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.4244 m

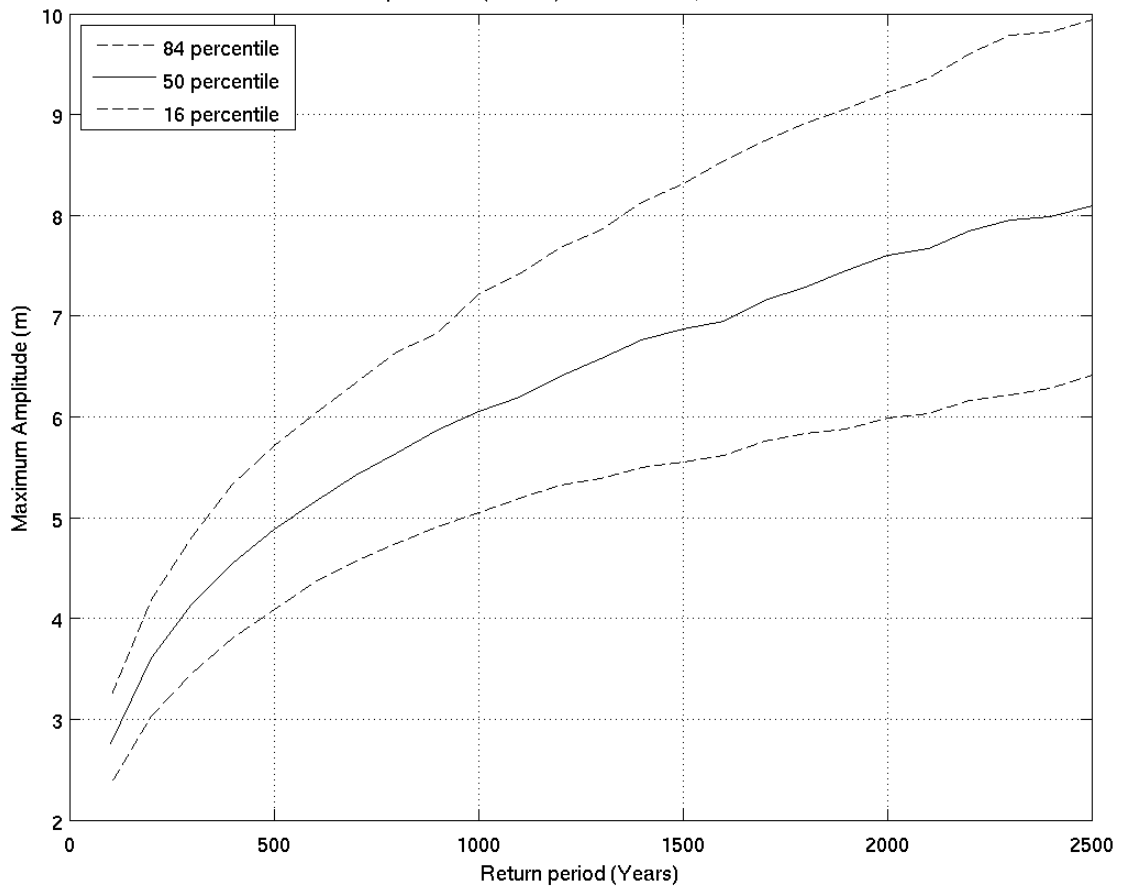


## 248. Cape Soucis (Raetihi)

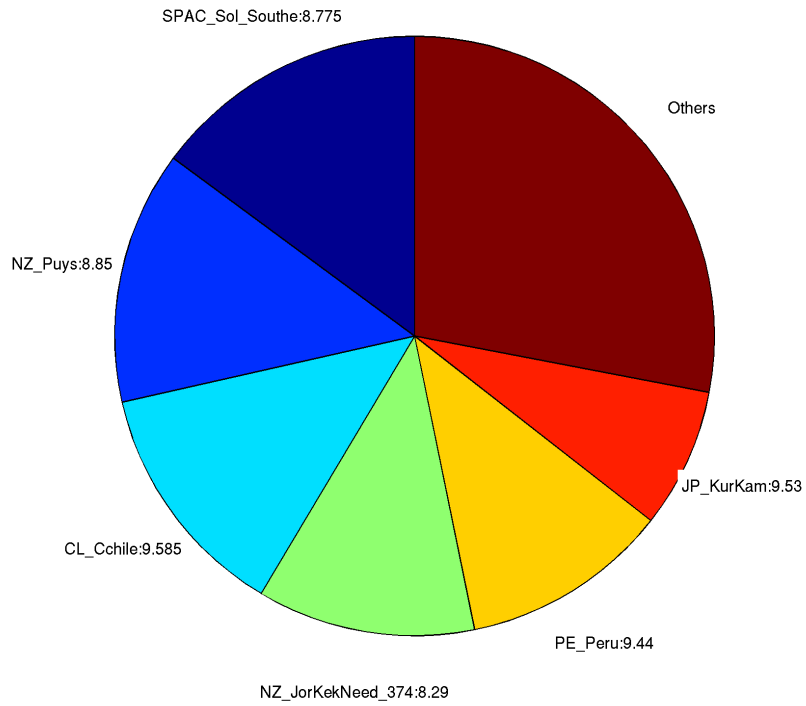
Marlborough Sounds / Tasman Bay, Cape Soucis (Raetihi)



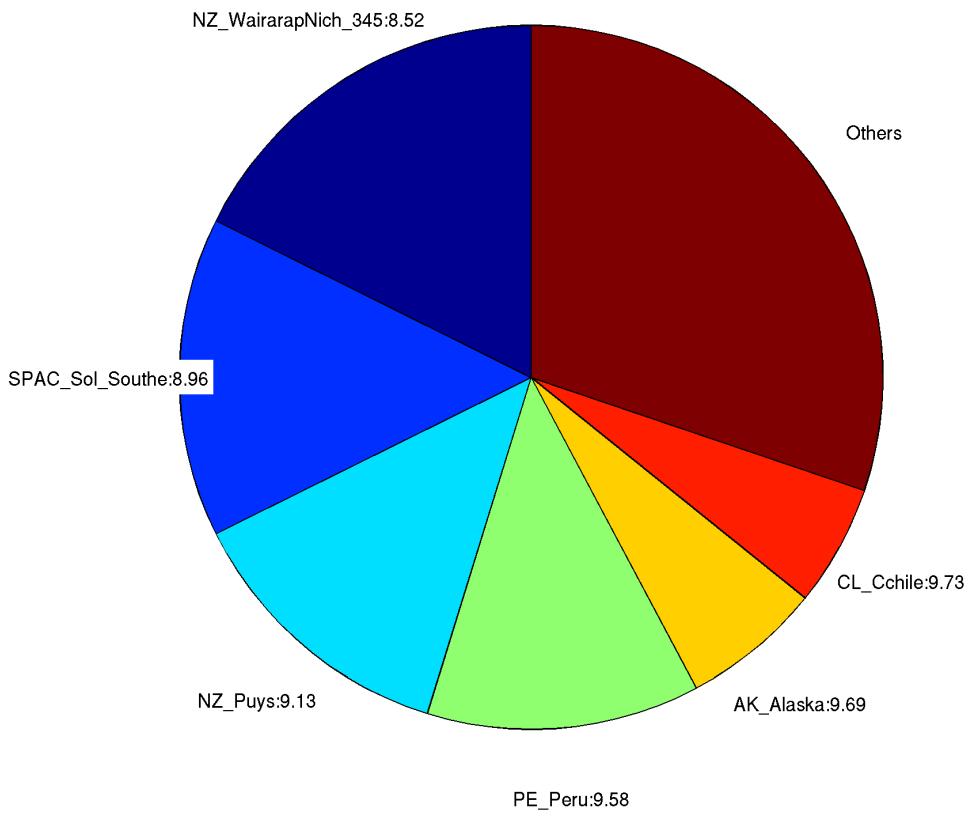
Cape Soucis (Raetihi) Hazard Curve, zone #248



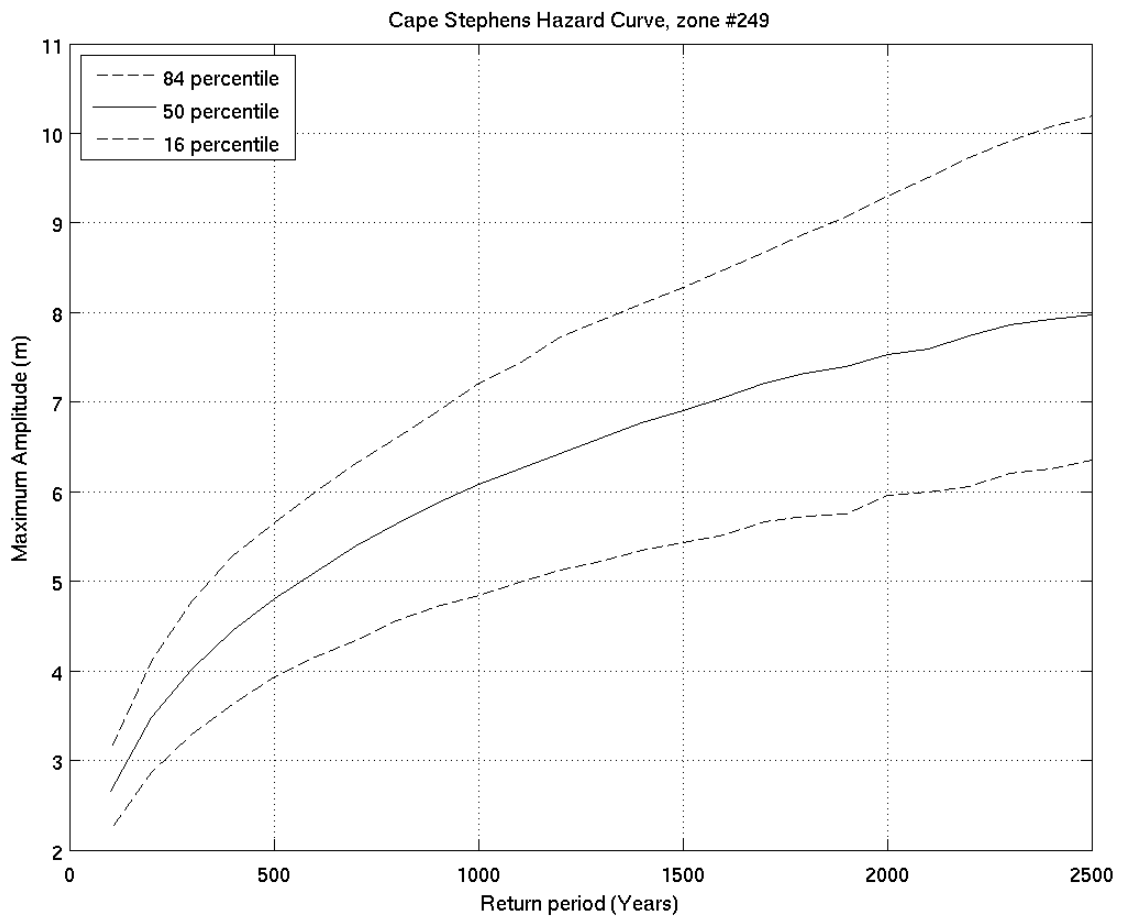
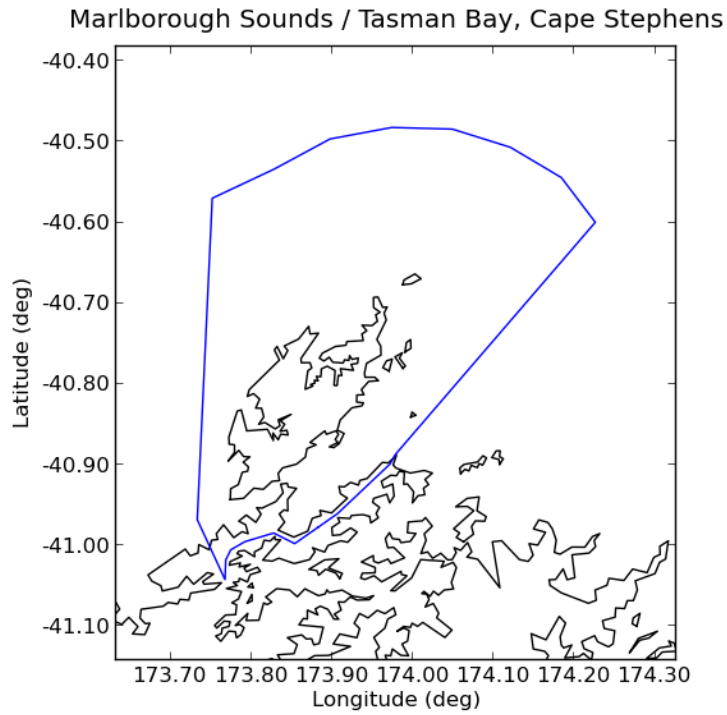
Deaggregation of Zone:248, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8837 m



Deaggregation of Zone:248, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.0861 m

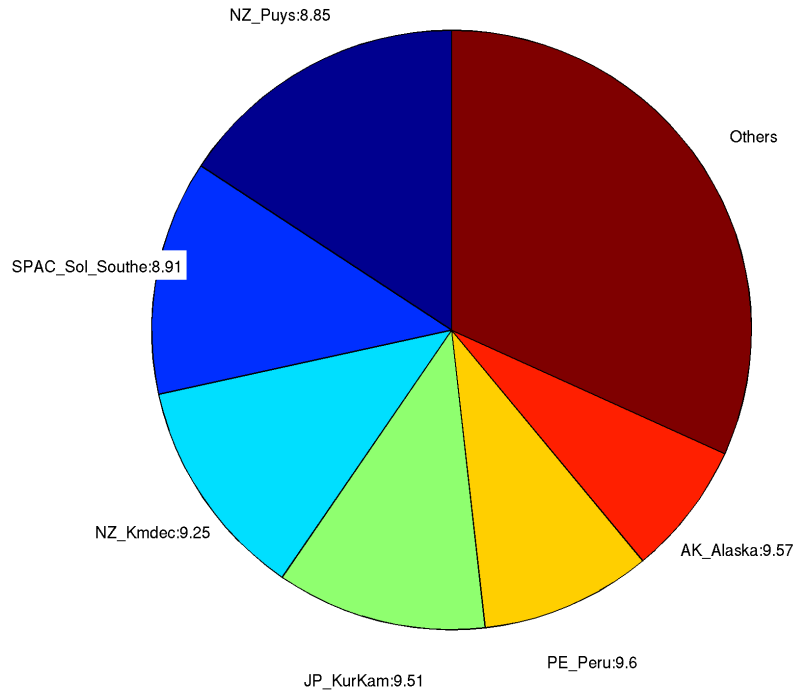


## 249. Cape Stephens

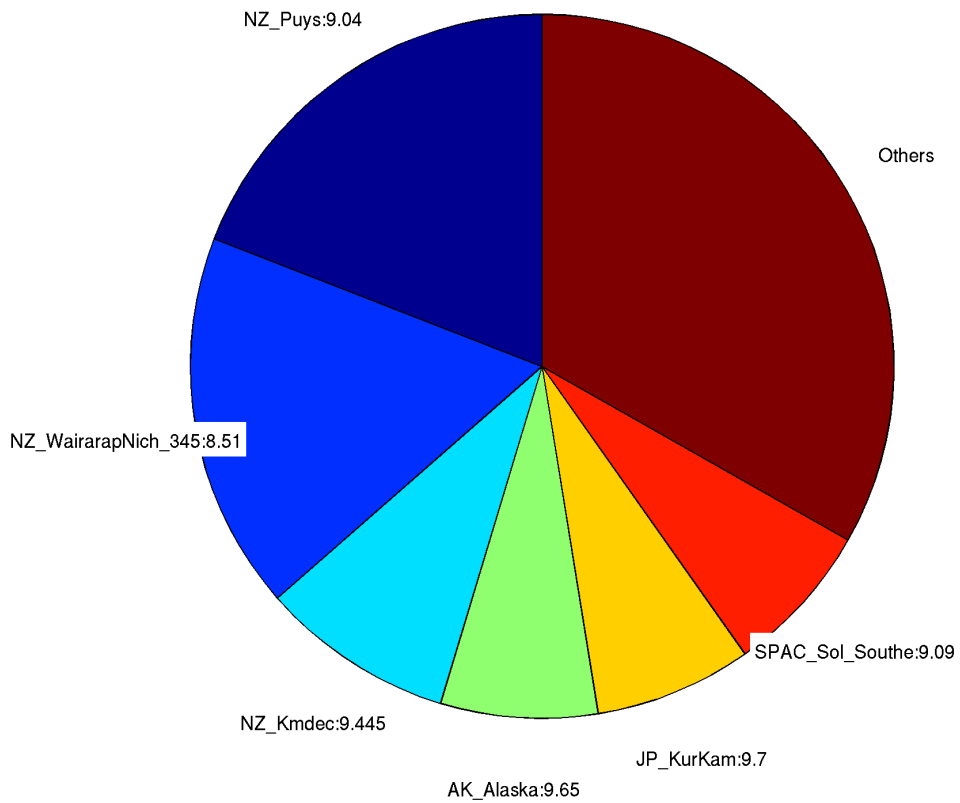




Deaggregation of Zone:249, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.8071 m

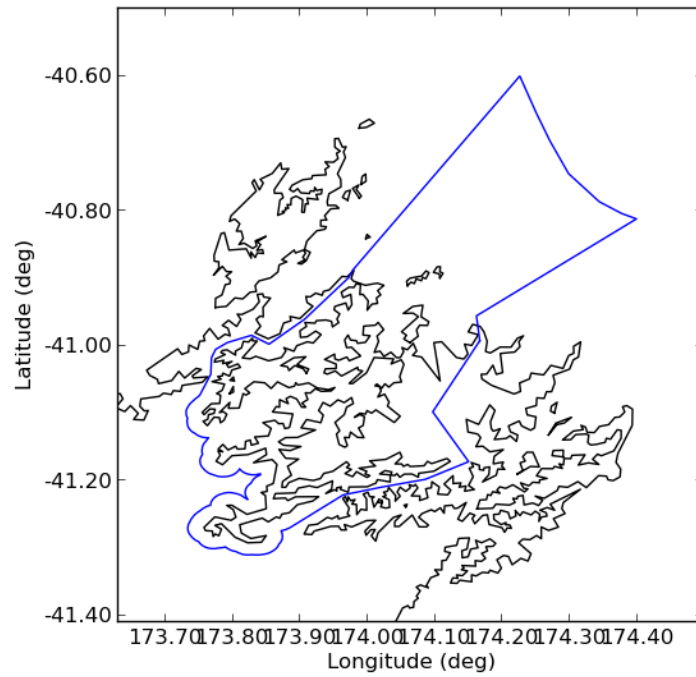


Deaggregation of Zone:249, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.9686 m

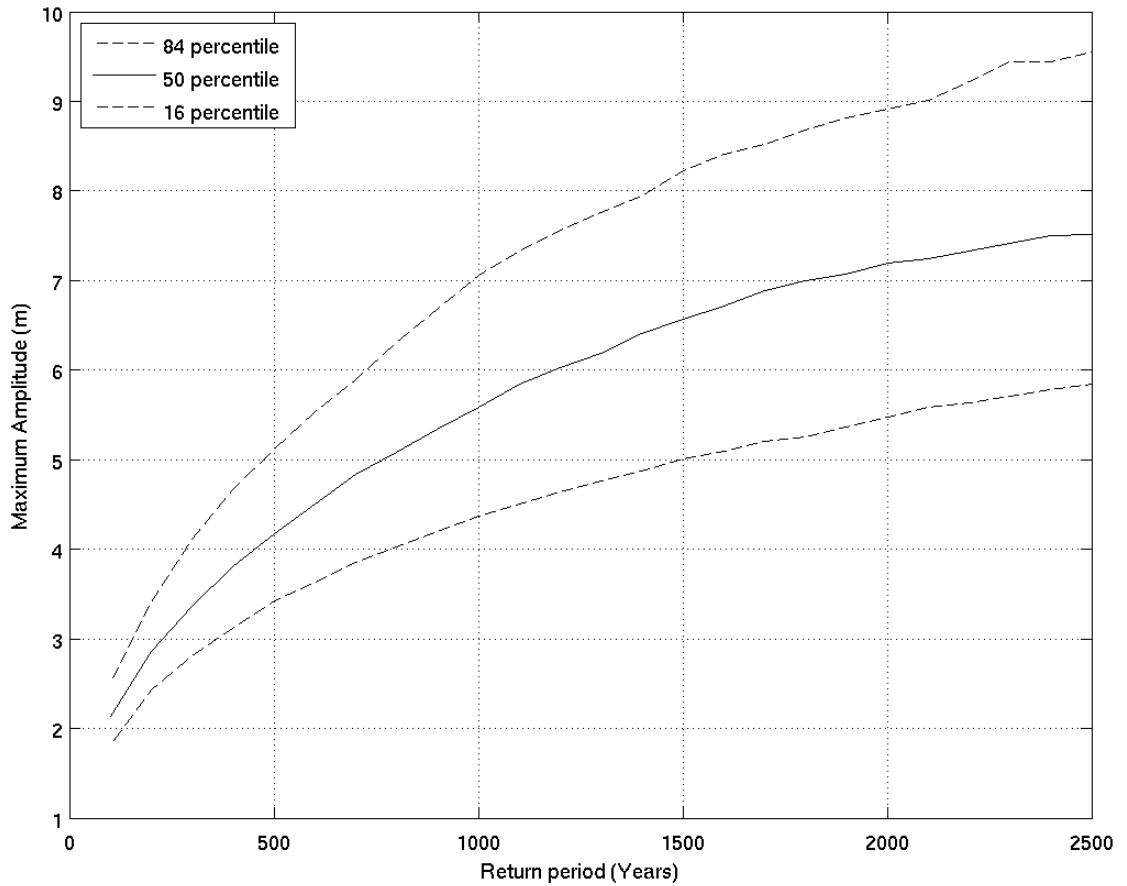


## 250. Chetwode Islands

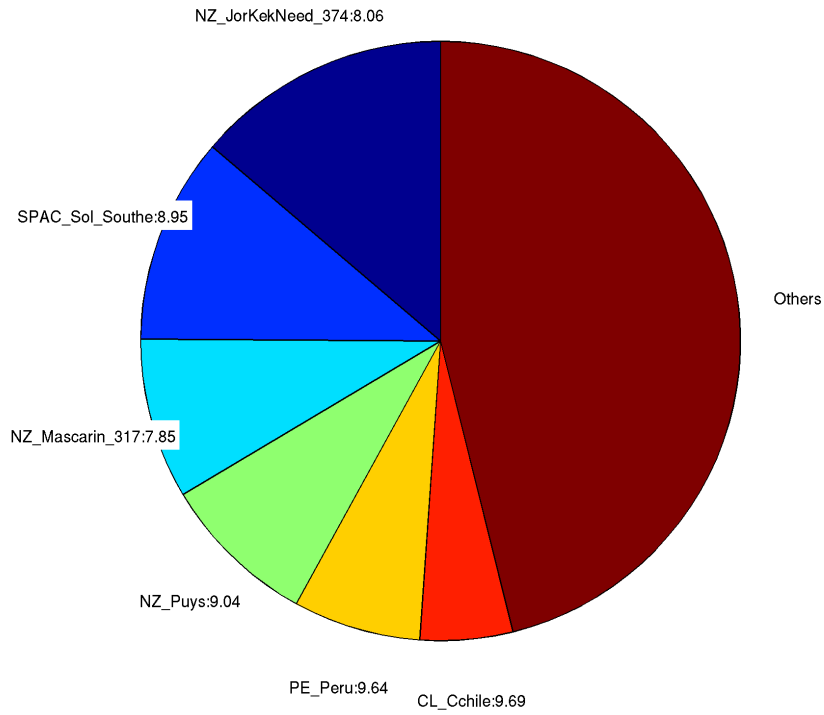
Marlborough Sounds / Tasman Bay, Chetwode Islands



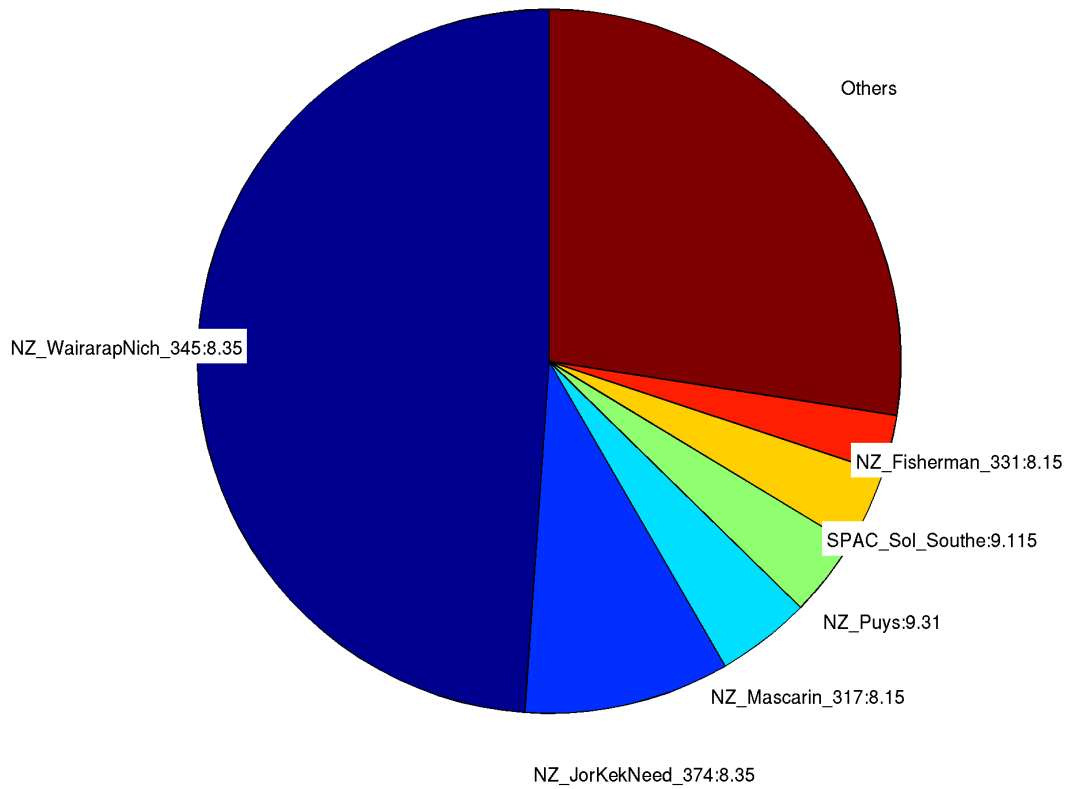
Chetwode Islands Hazard Curve, zone #250



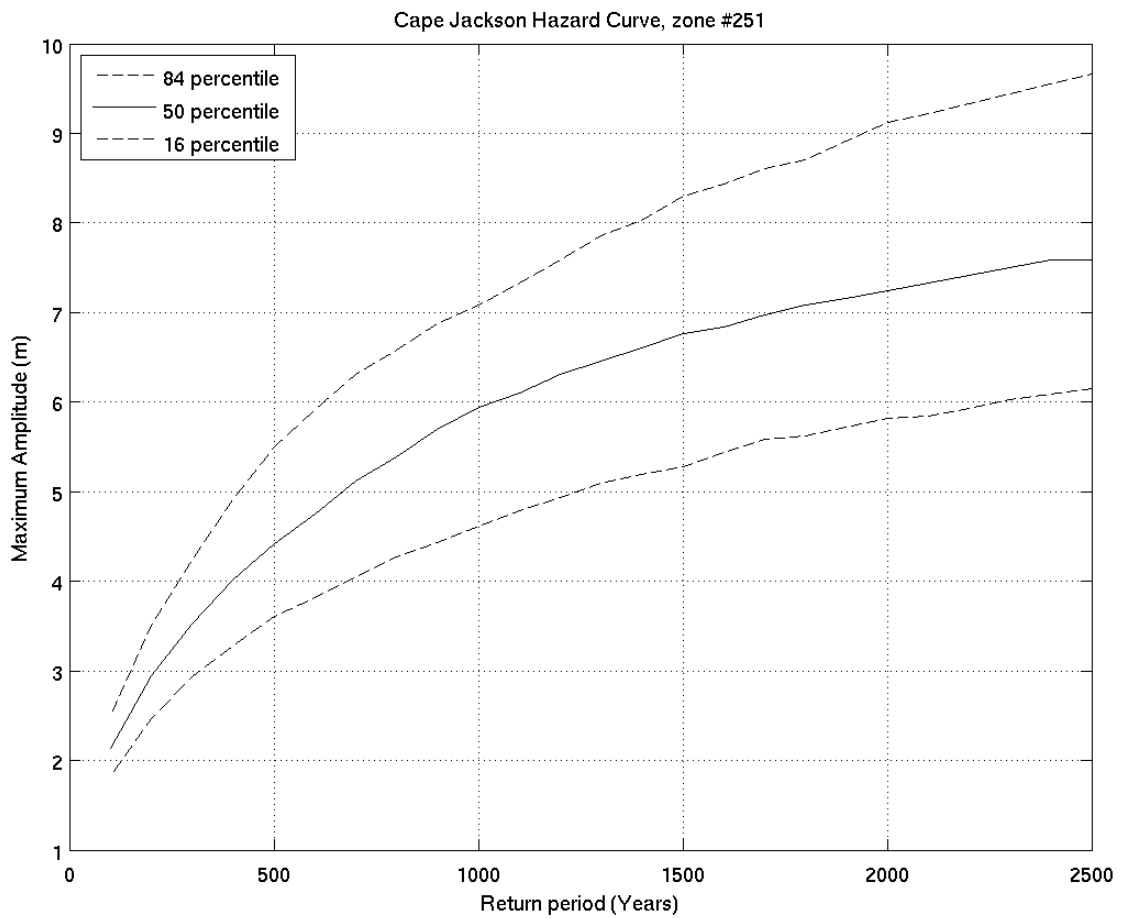
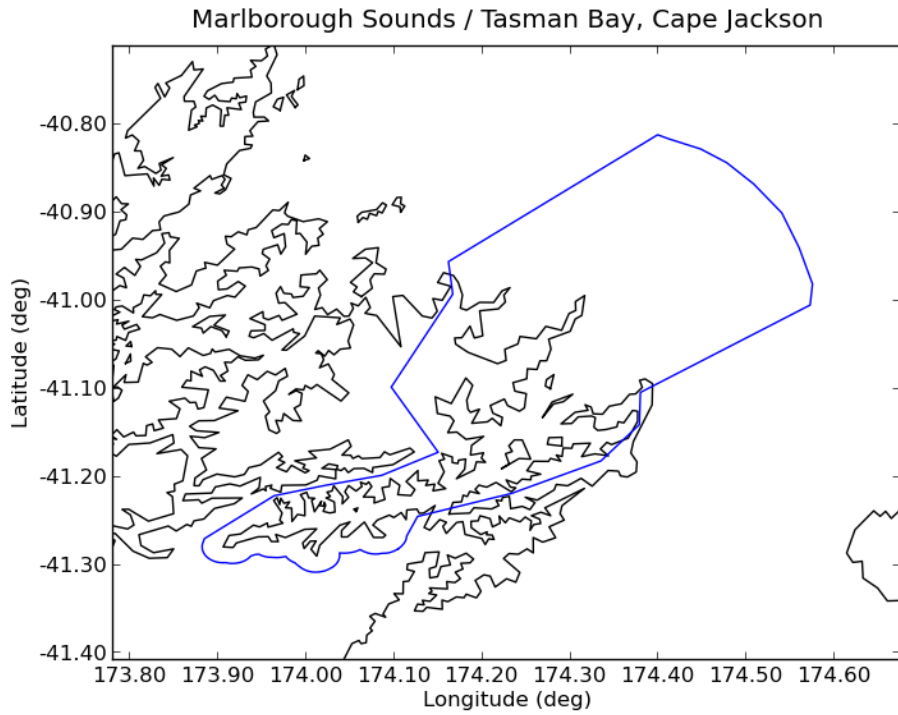
Deaggregation of Zone:250, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.1694 m



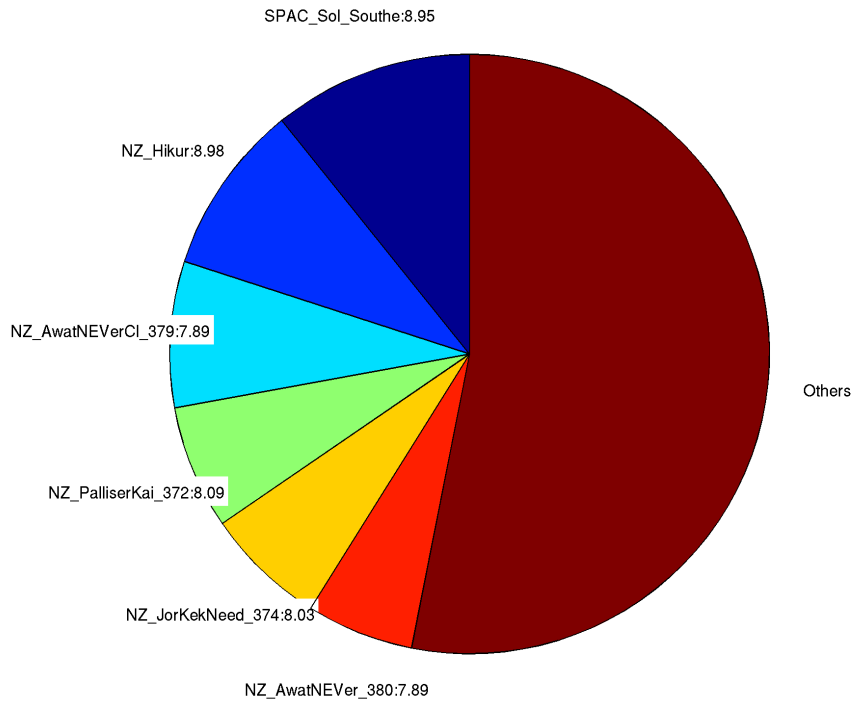
Deaggregation of Zone:250, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.4989 m



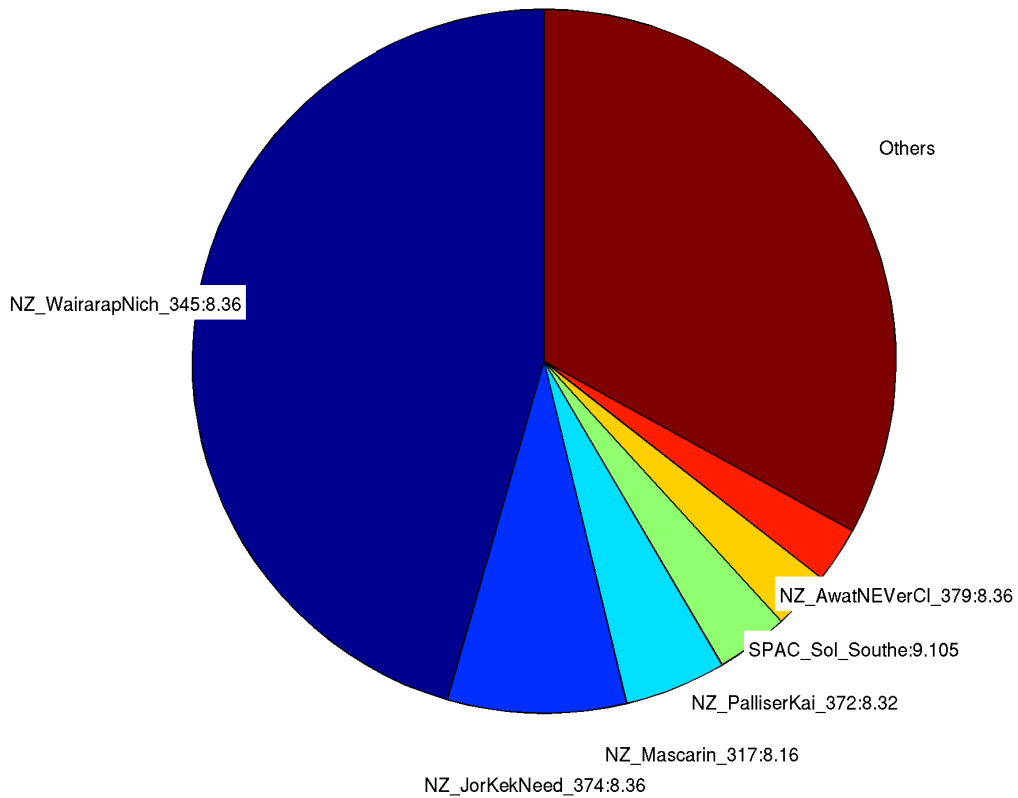
## 251. *Cape Jackson*



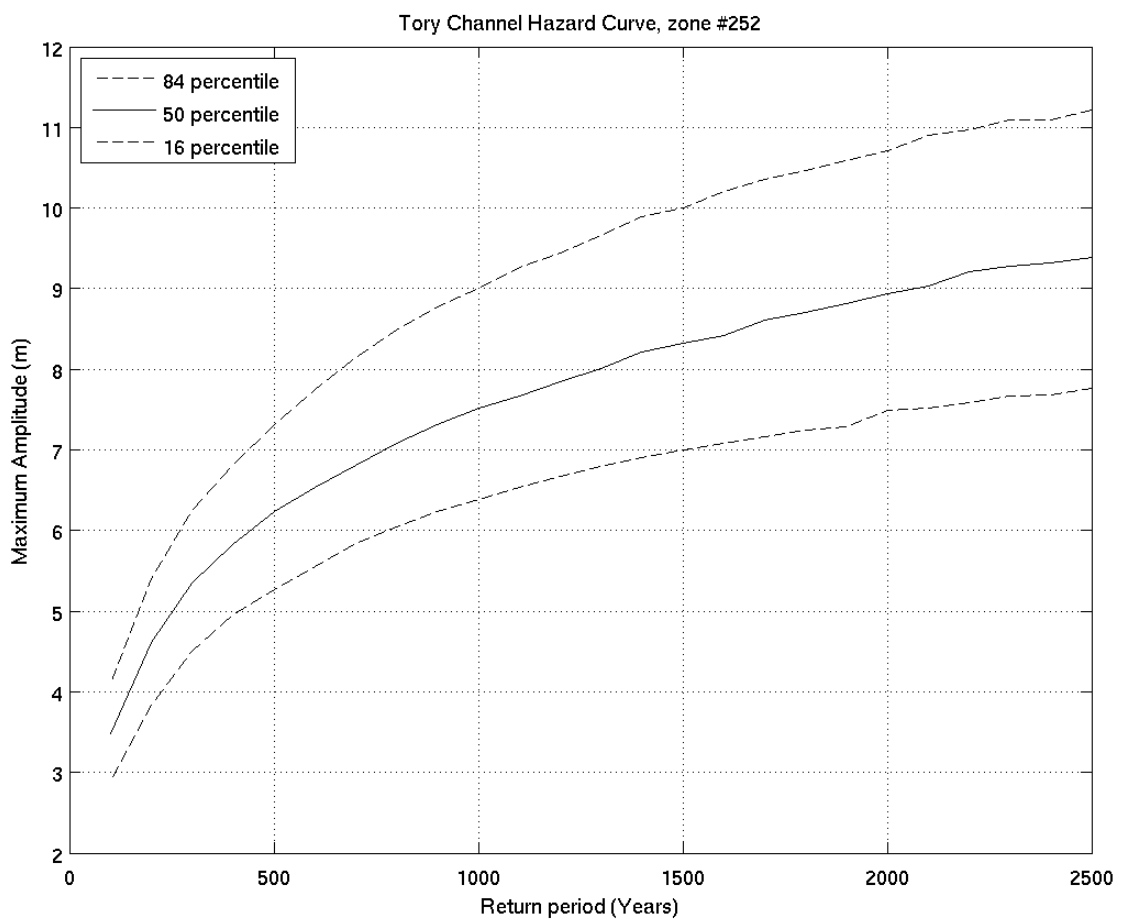
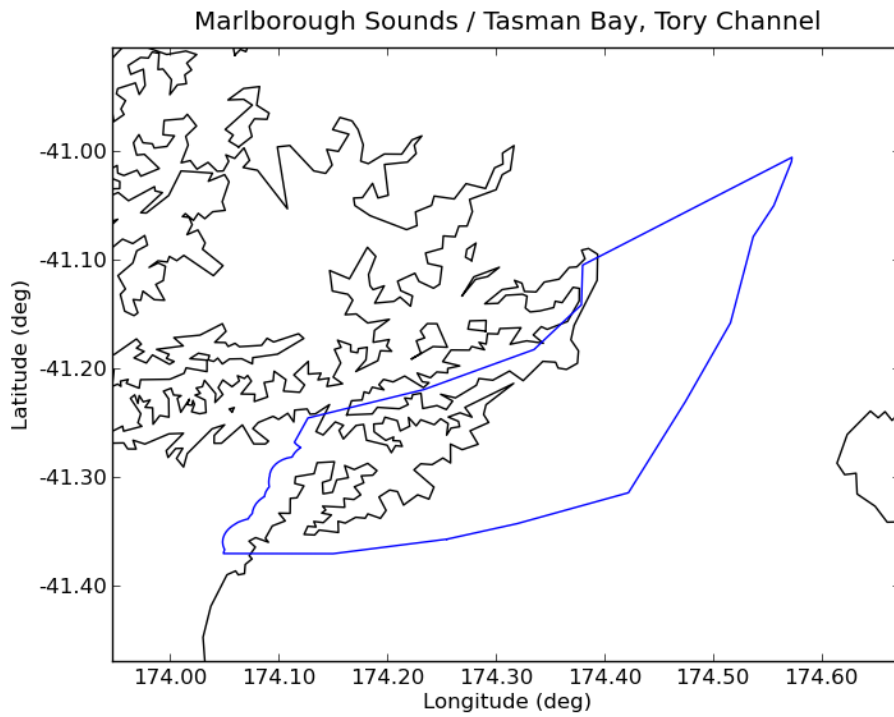
Deaggregation of Zone:251, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.4096 m



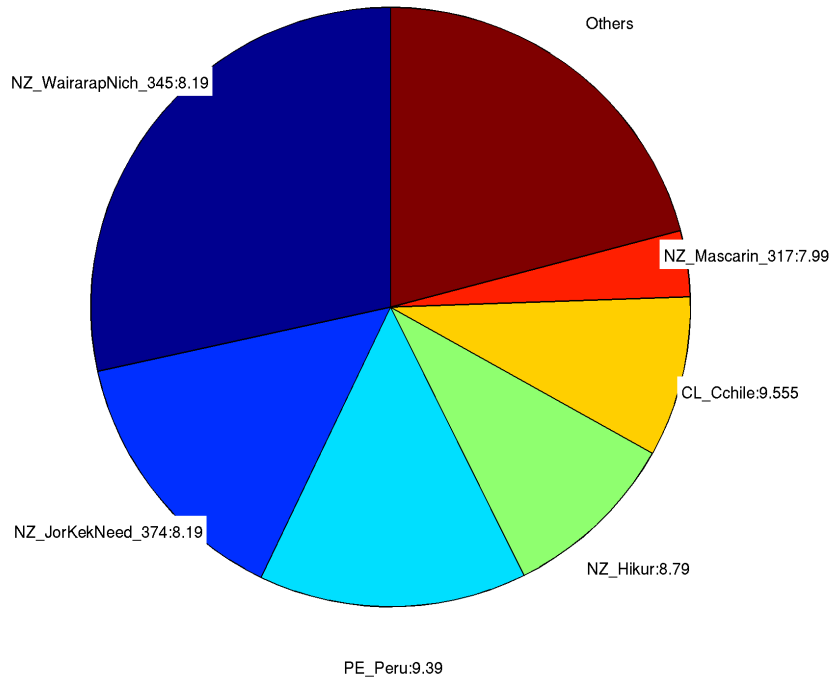
Deaggregation of Zone:251, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.5858 m



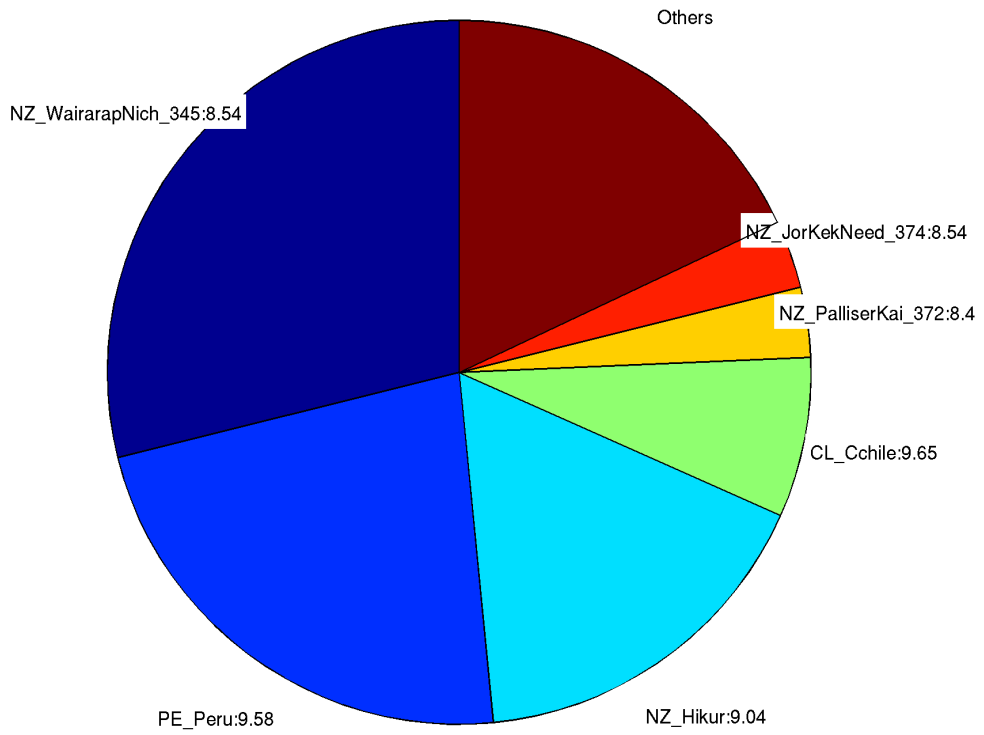
## 252. Tory Channel



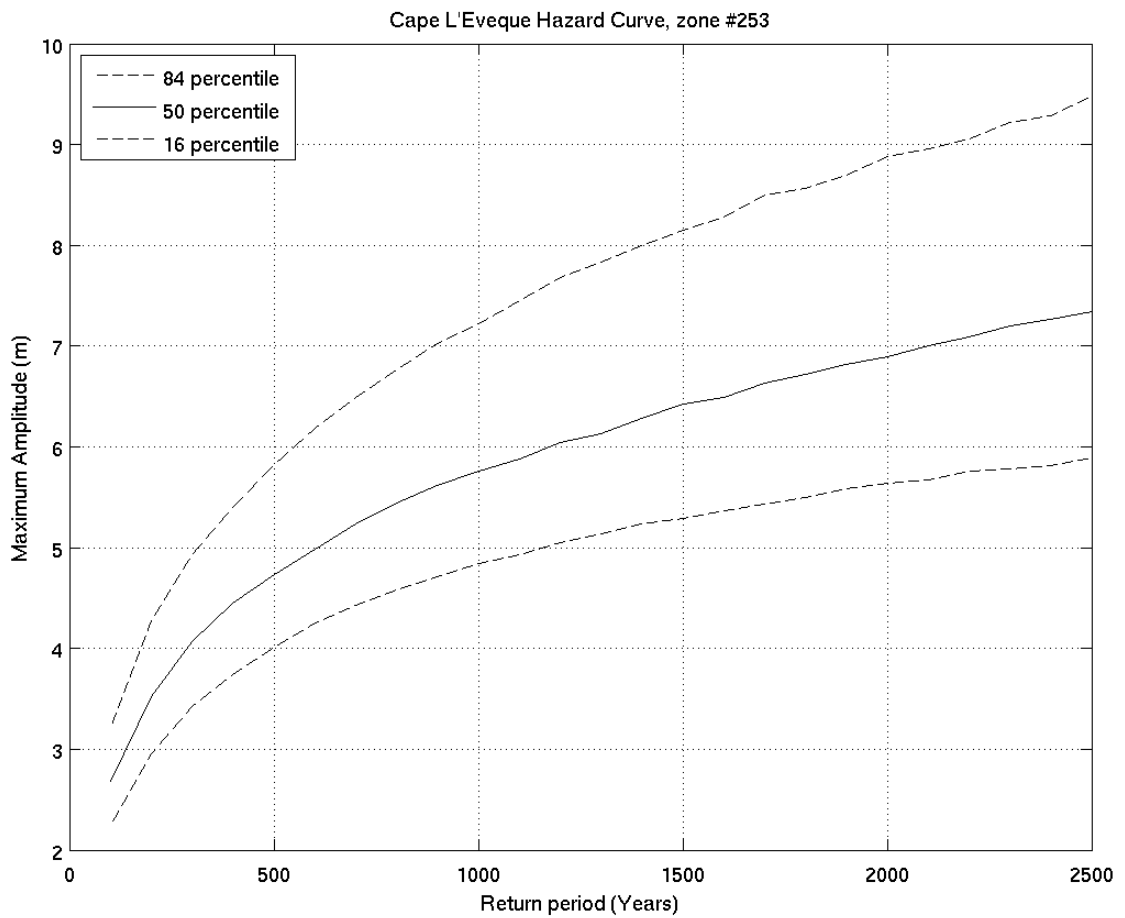
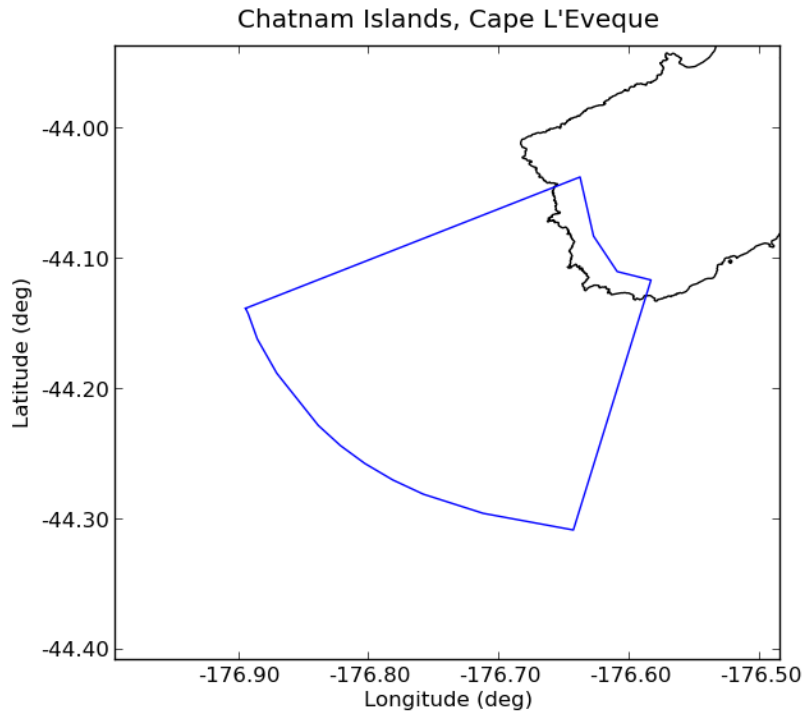
Deaggregation of Zone:252, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.2351 m



Deaggregation of Zone:252, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.3838 m

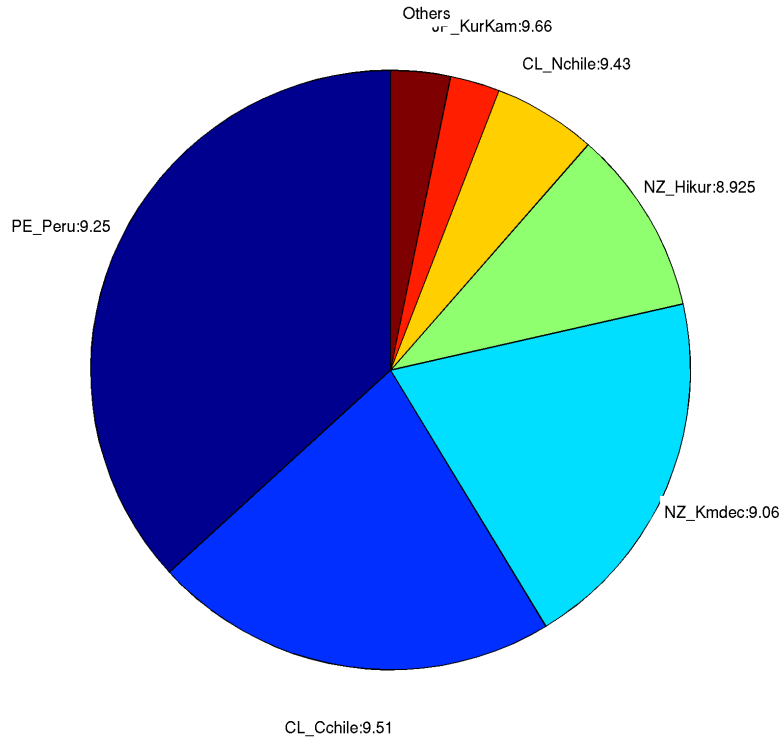


253. **Cape L'Eveque**

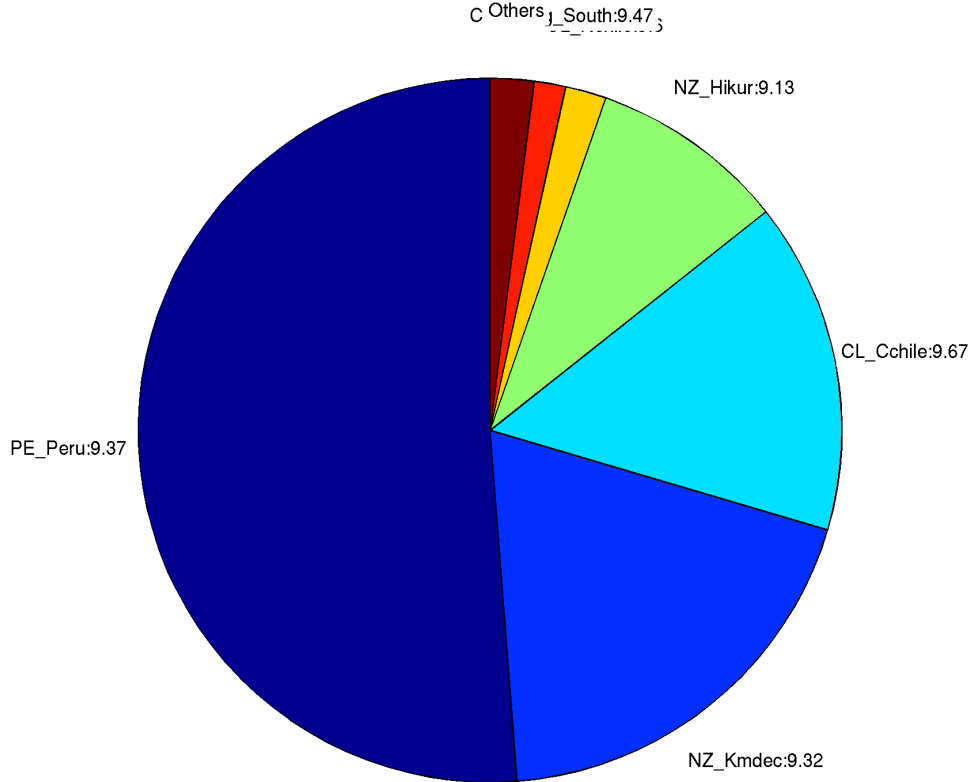




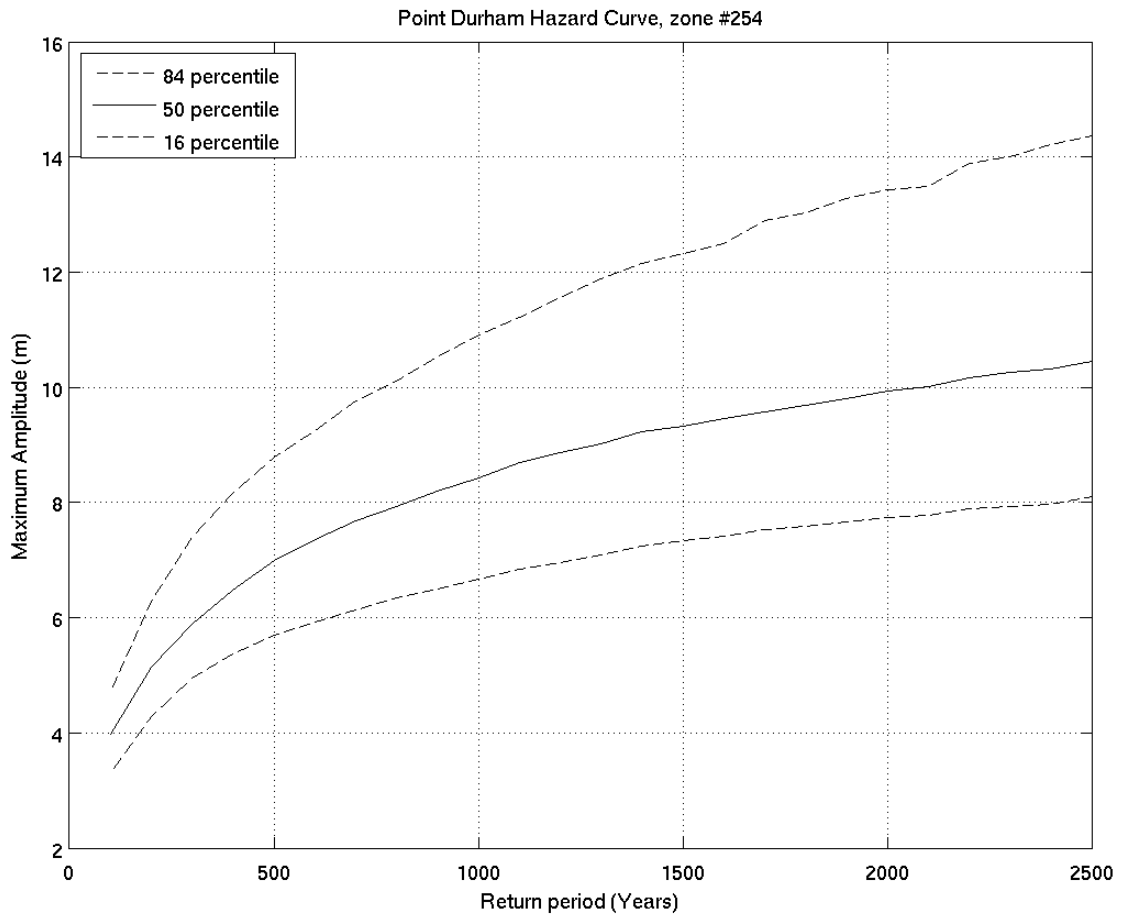
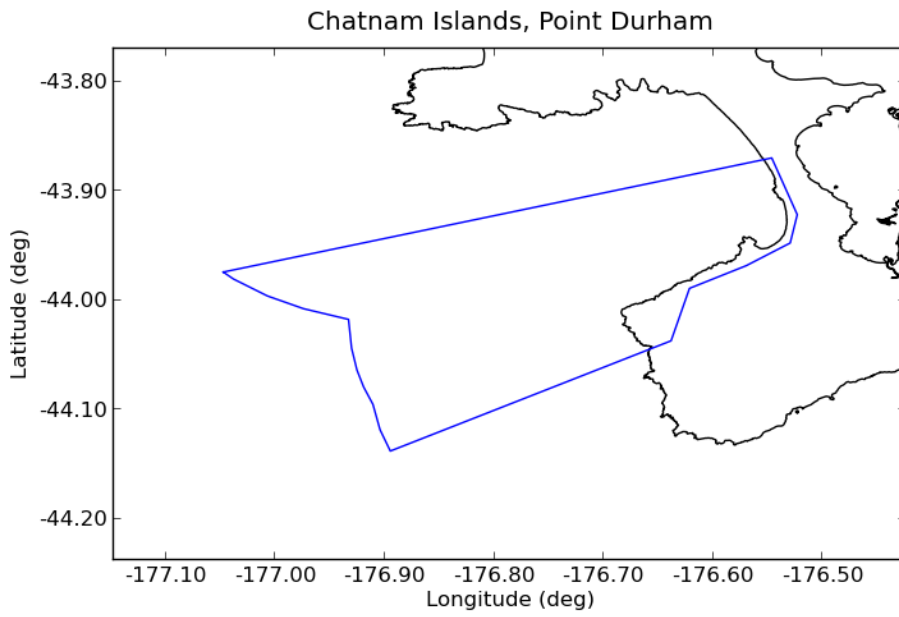
Deaggregation of Zone:253, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:4.7233 m



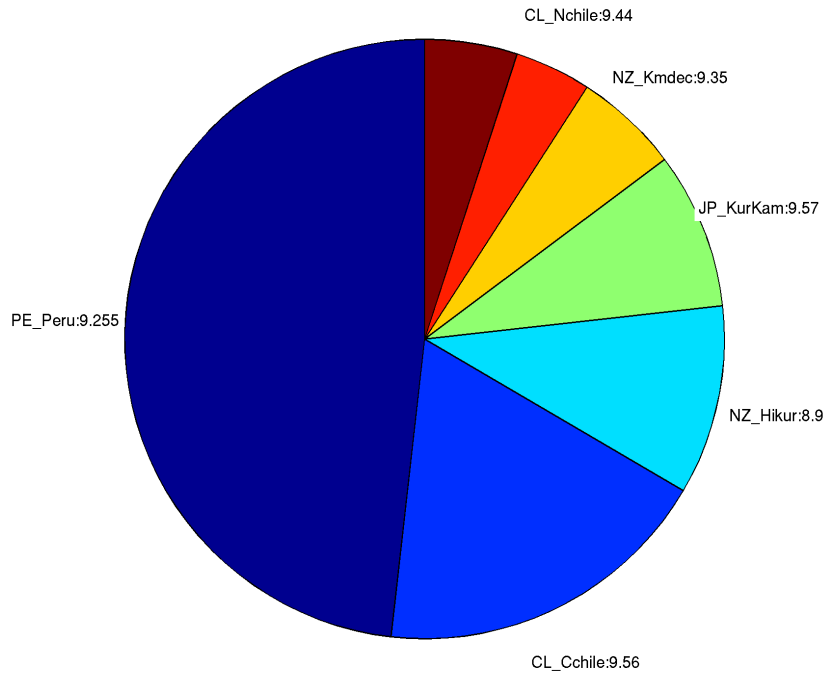
Deaggregation of Zone:253, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.3308 m



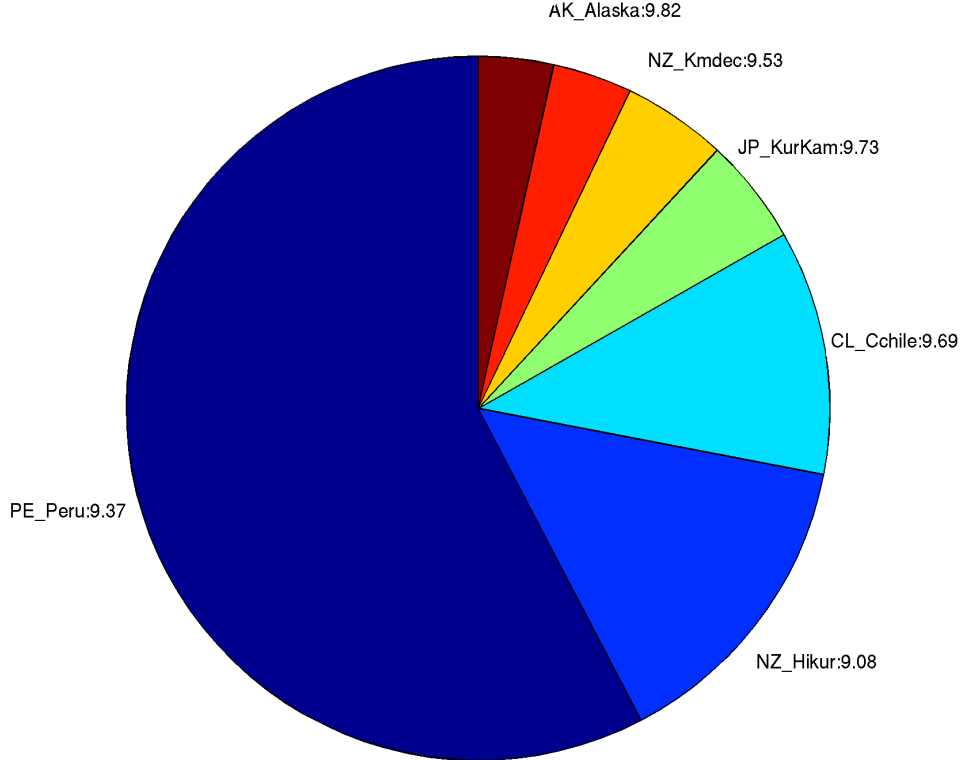
254. **Point Durham**



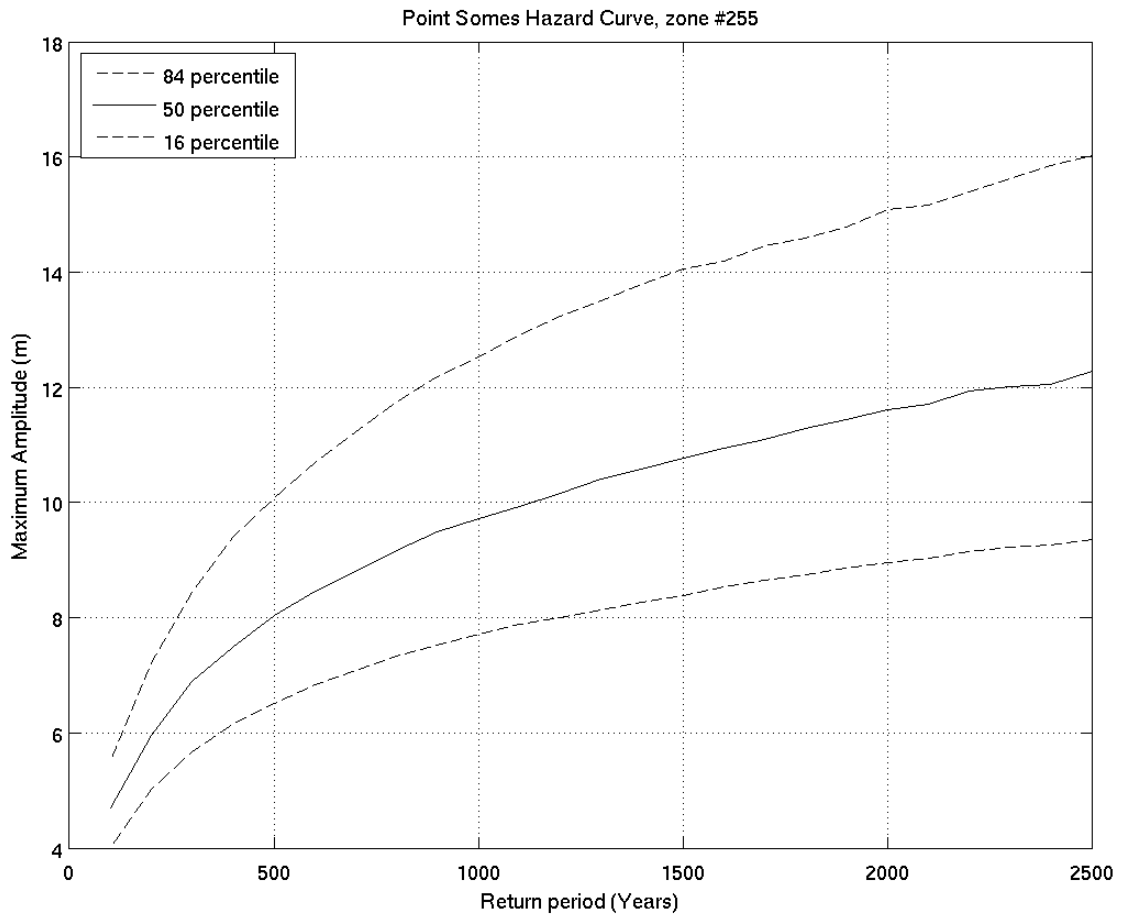
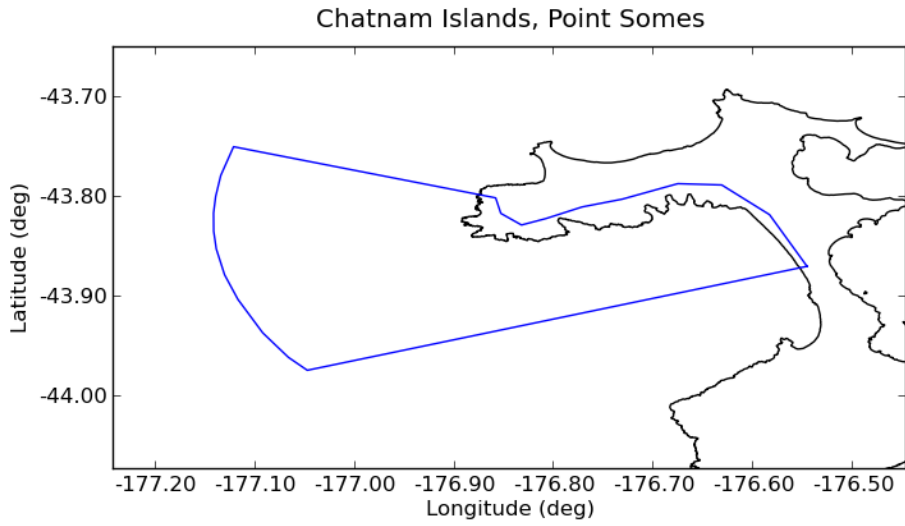
Deaggregation of Zone:254, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.9751 m  
Others



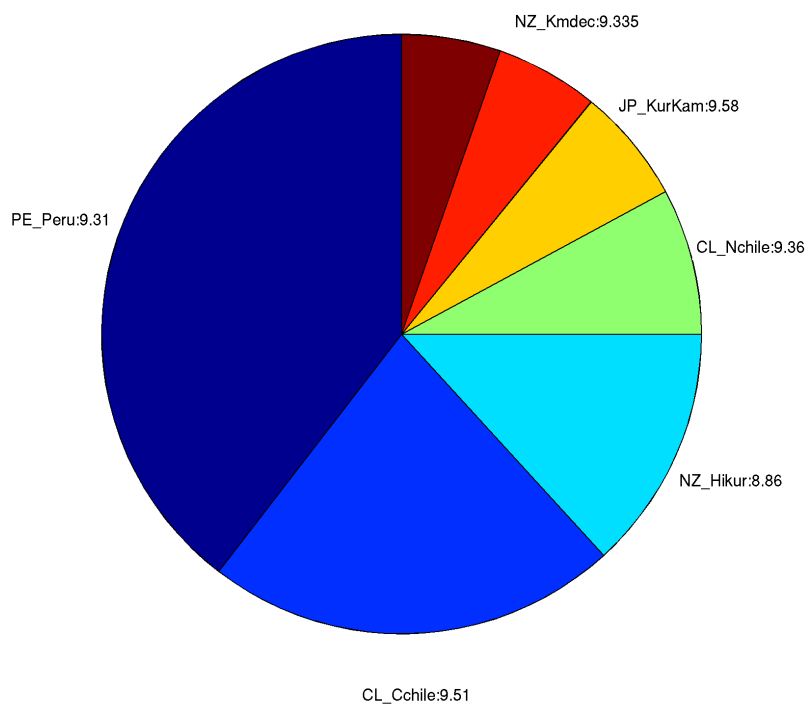
Deaggregation of Zone:254, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.4301 m  
Others



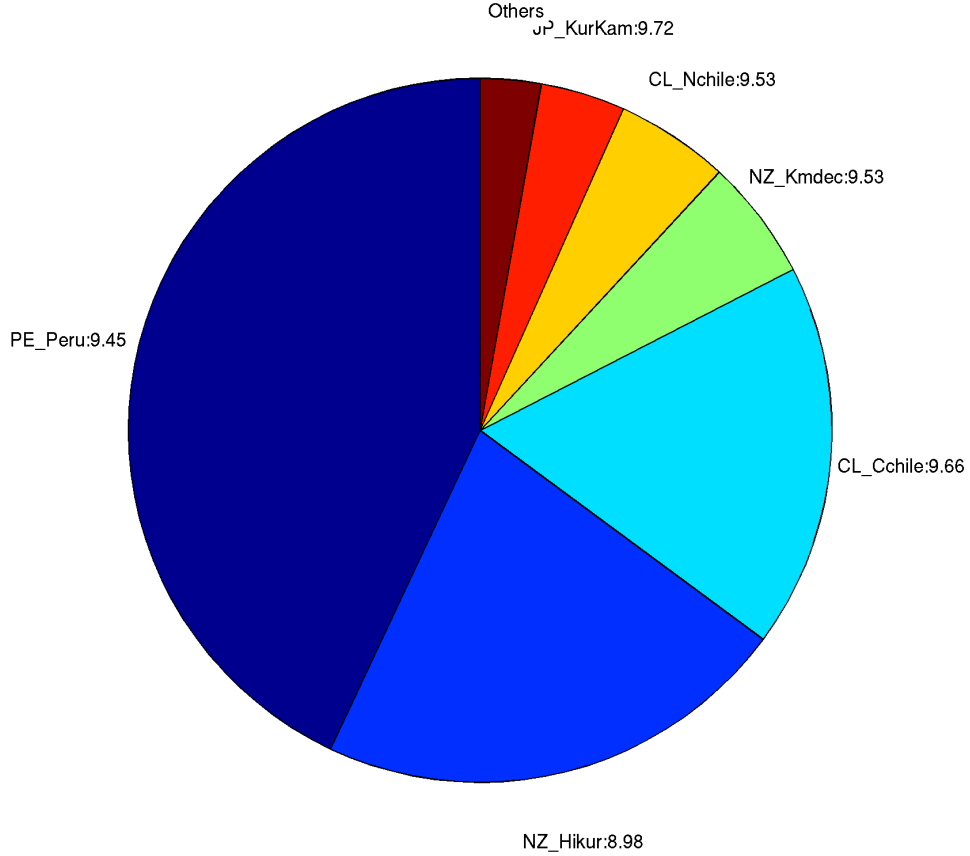
255. **Point Somes**



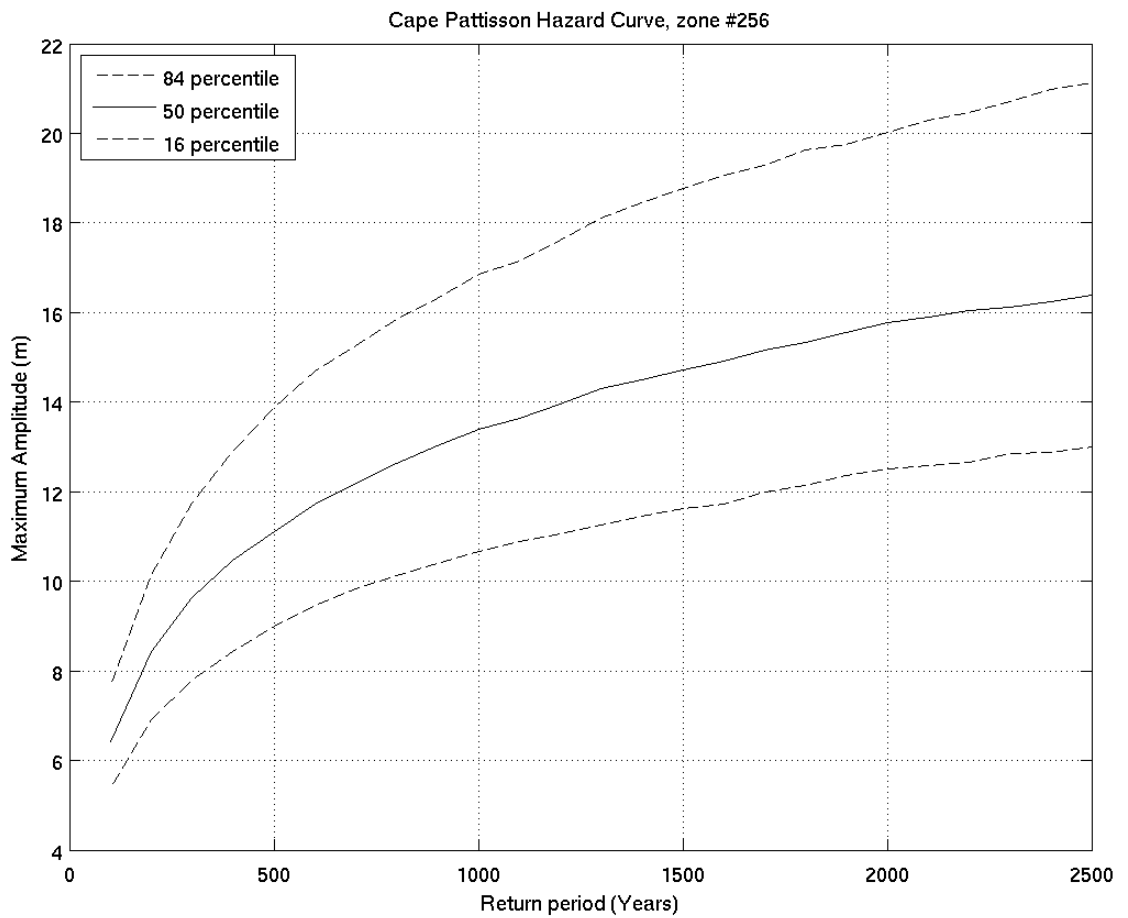
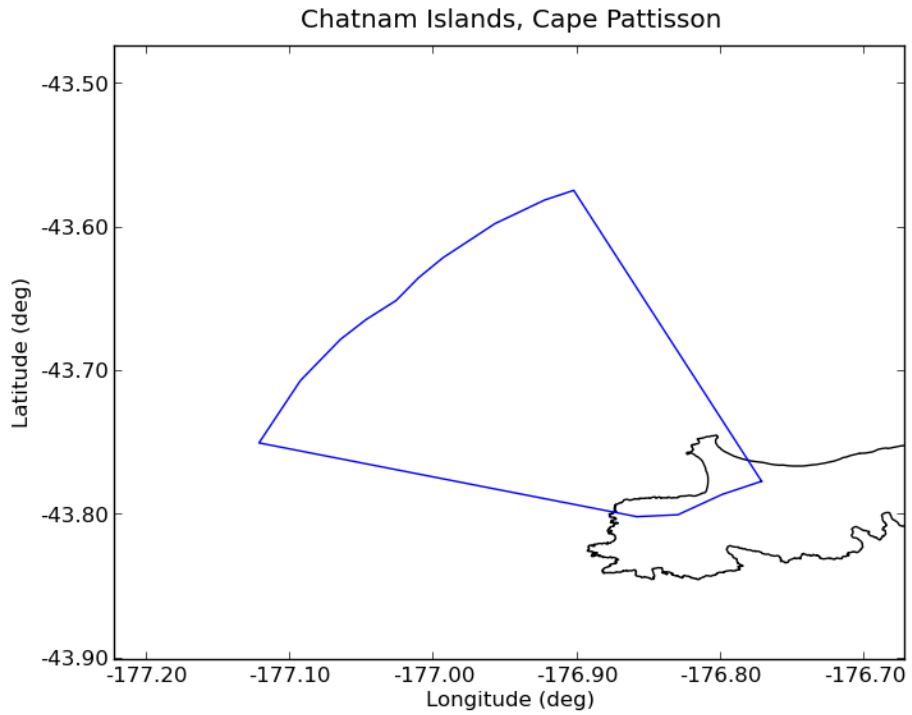
Deaggregation of Zone:255, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.0276 m  
Others



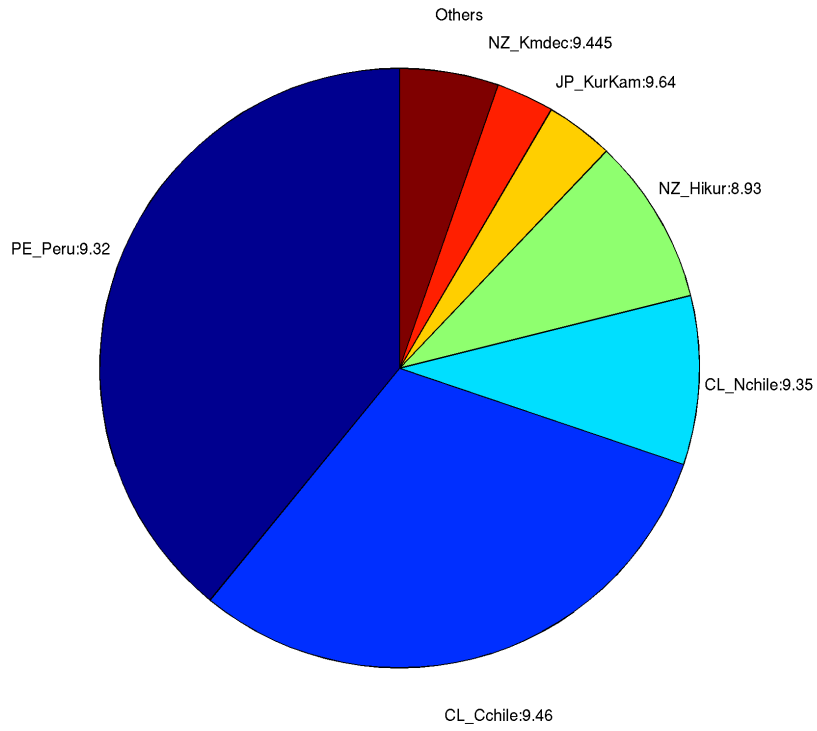
Deaggregation of Zone:255, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.2443 m  
Others



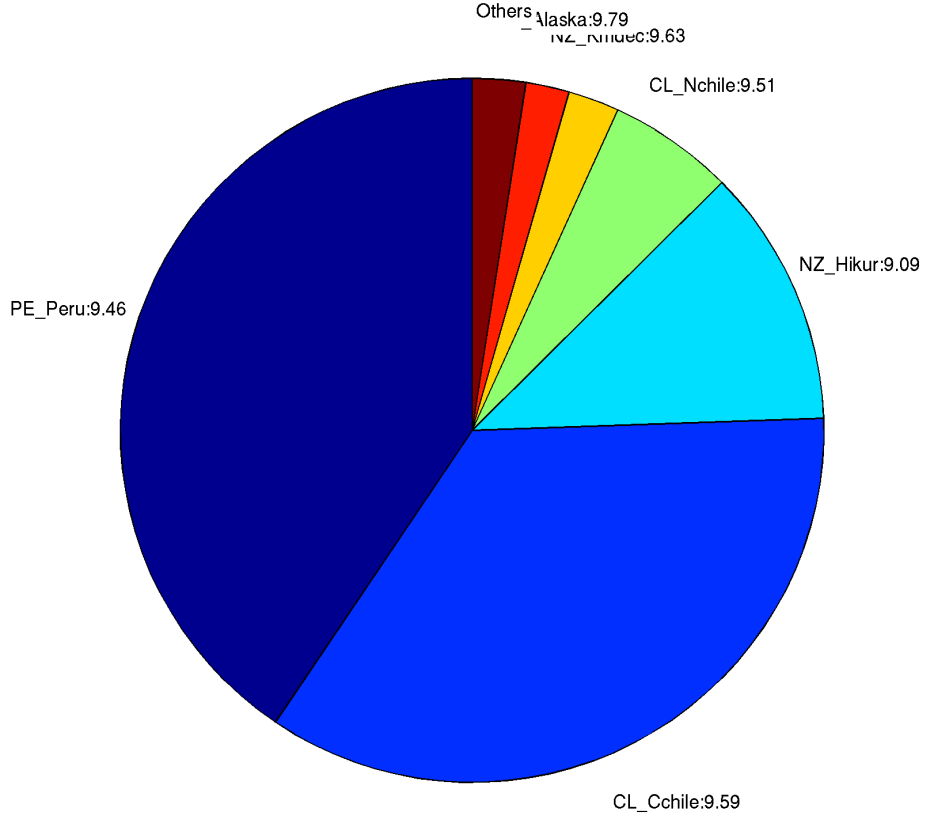
256. **Cape Patisson**



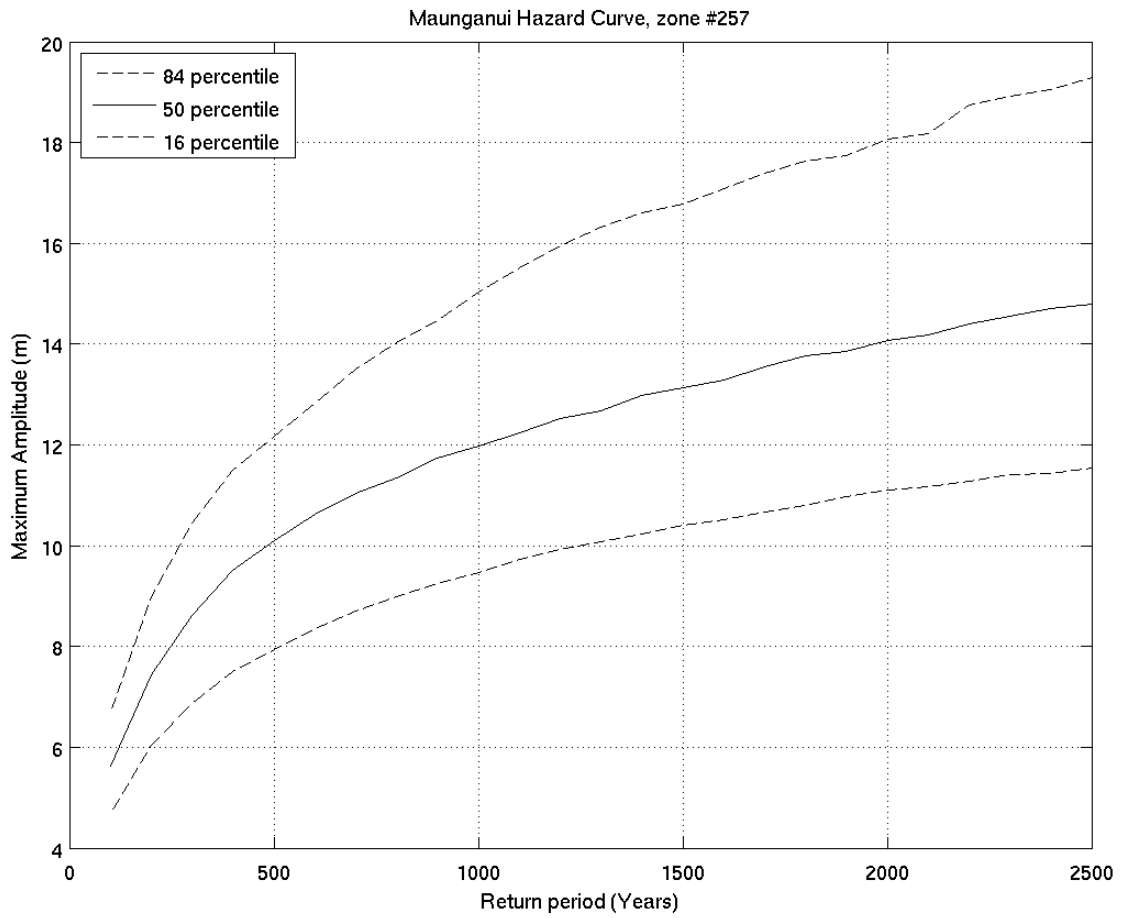
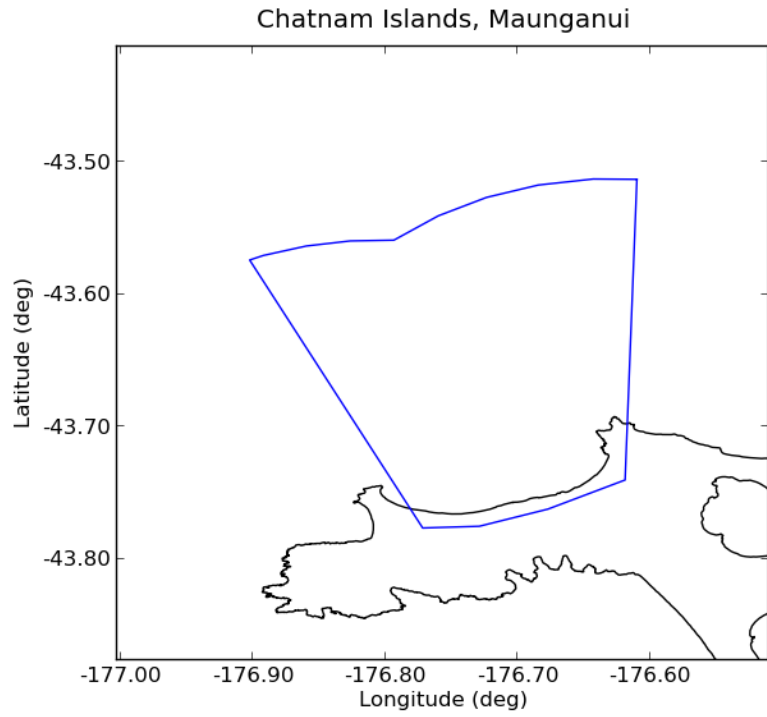
Deaggregation of Zone:256, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.0983 m



Deaggregation of Zone:256, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:16.3657 m

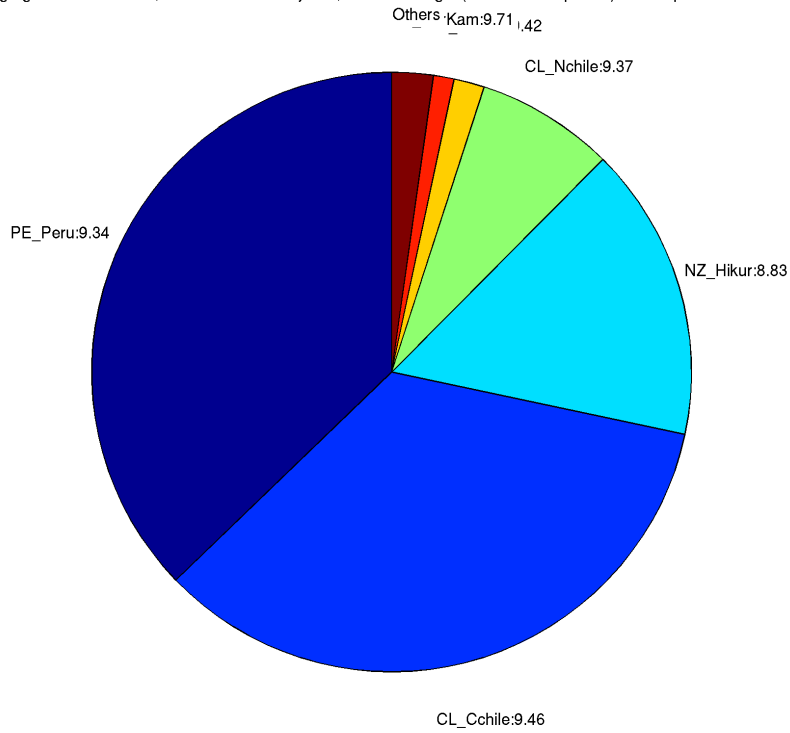


257. *Maunganui*

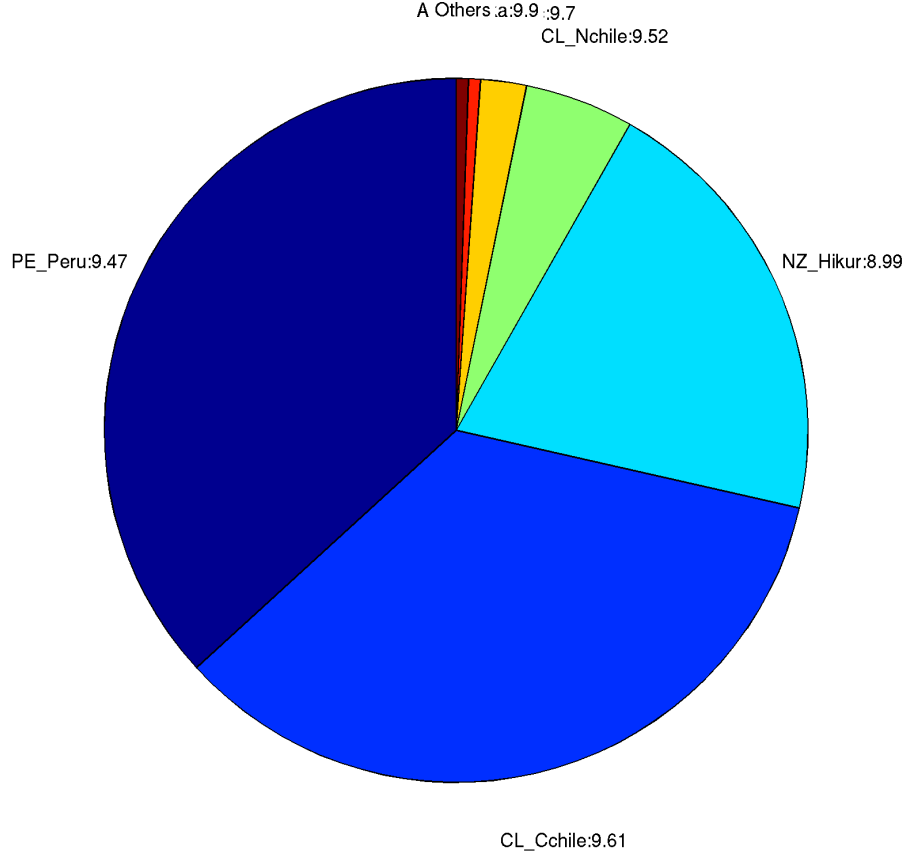




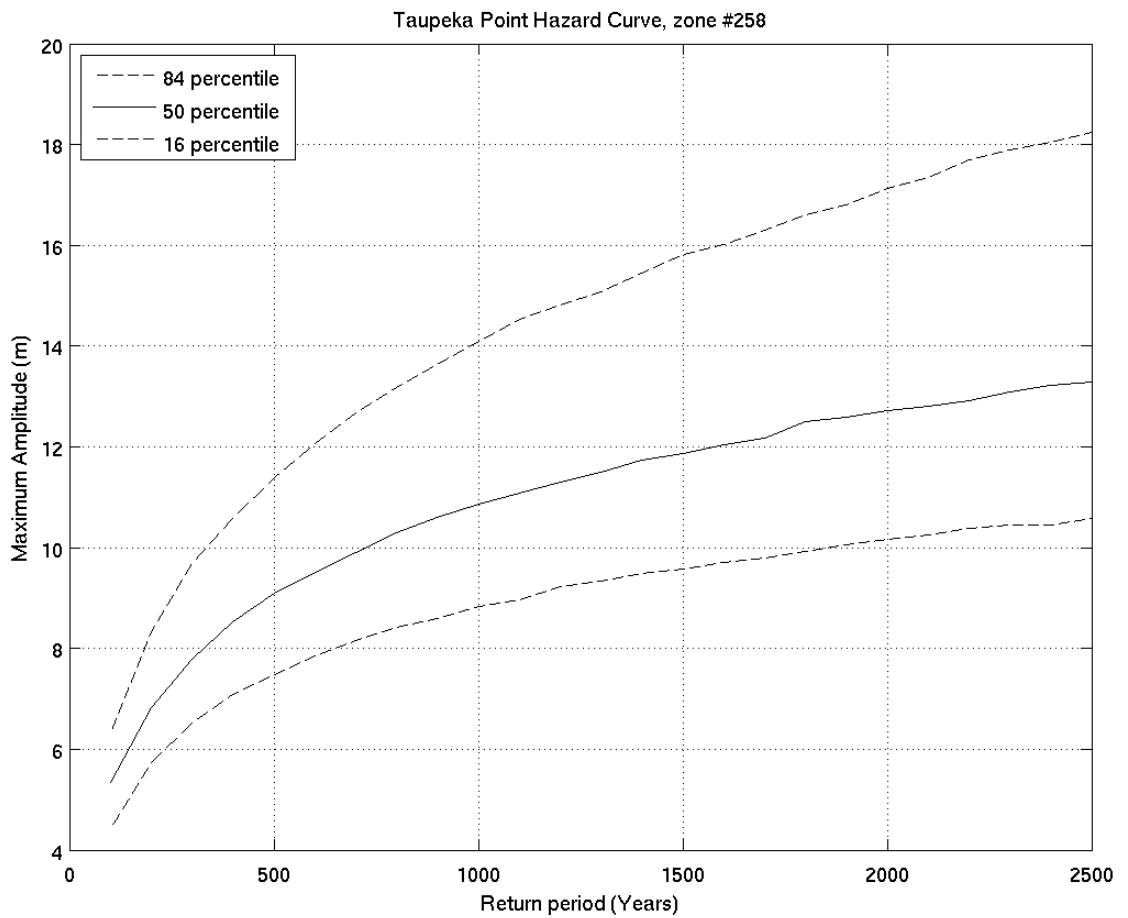
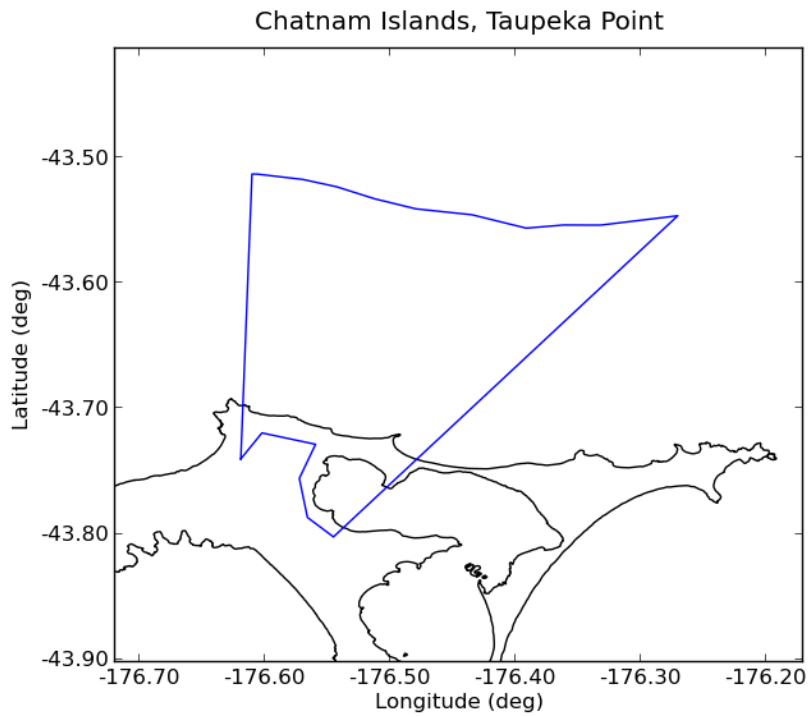
Deaggregation of Zone:257, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.0939 m



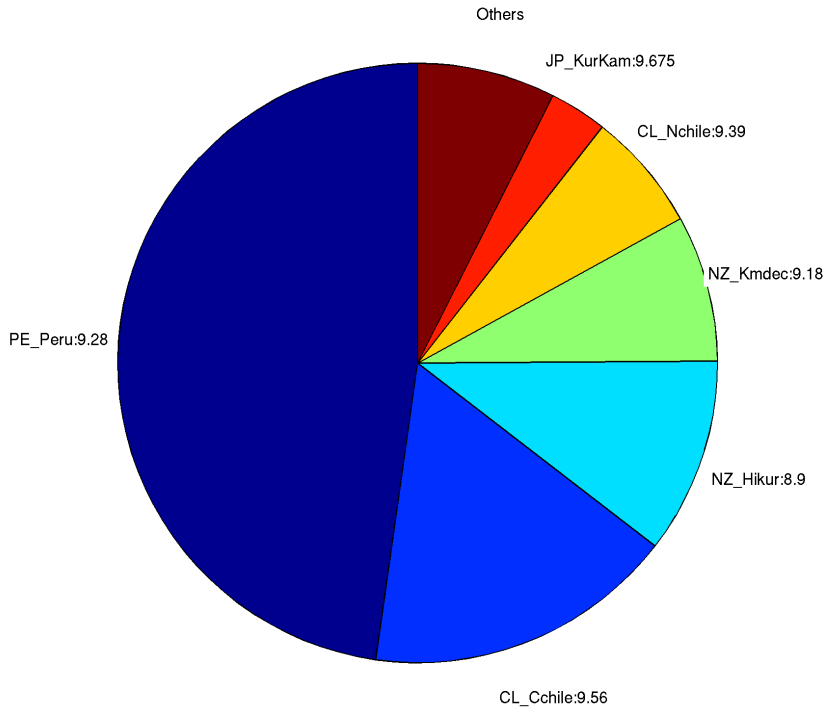
Deaggregation of Zone:257, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:14.7945 m



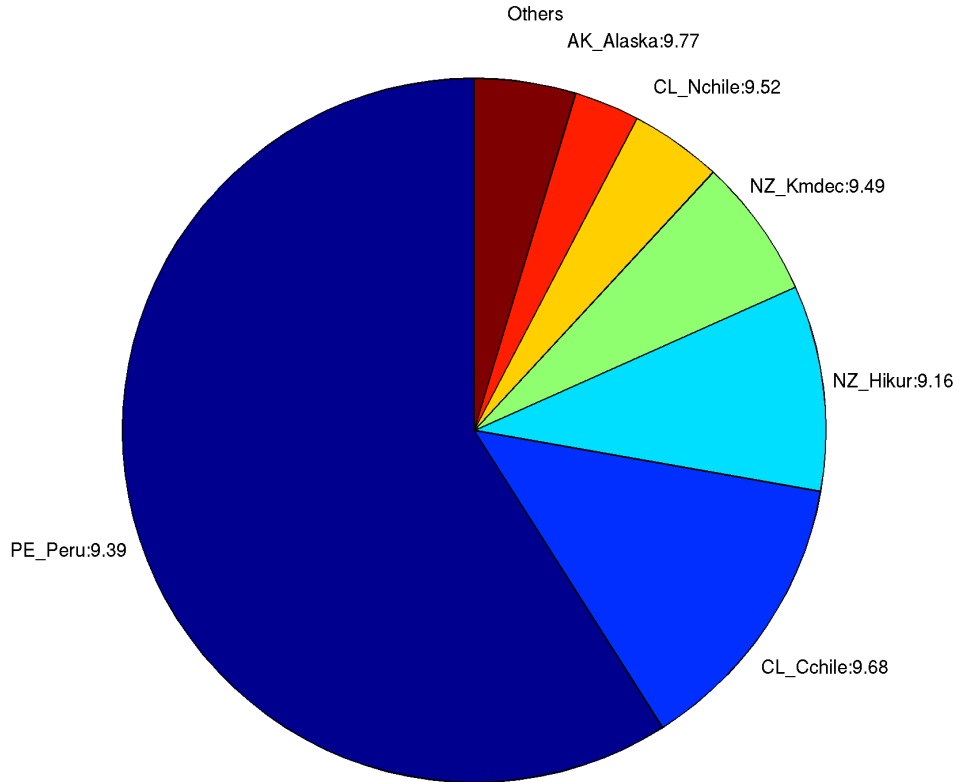
258. *Taupeka Point*



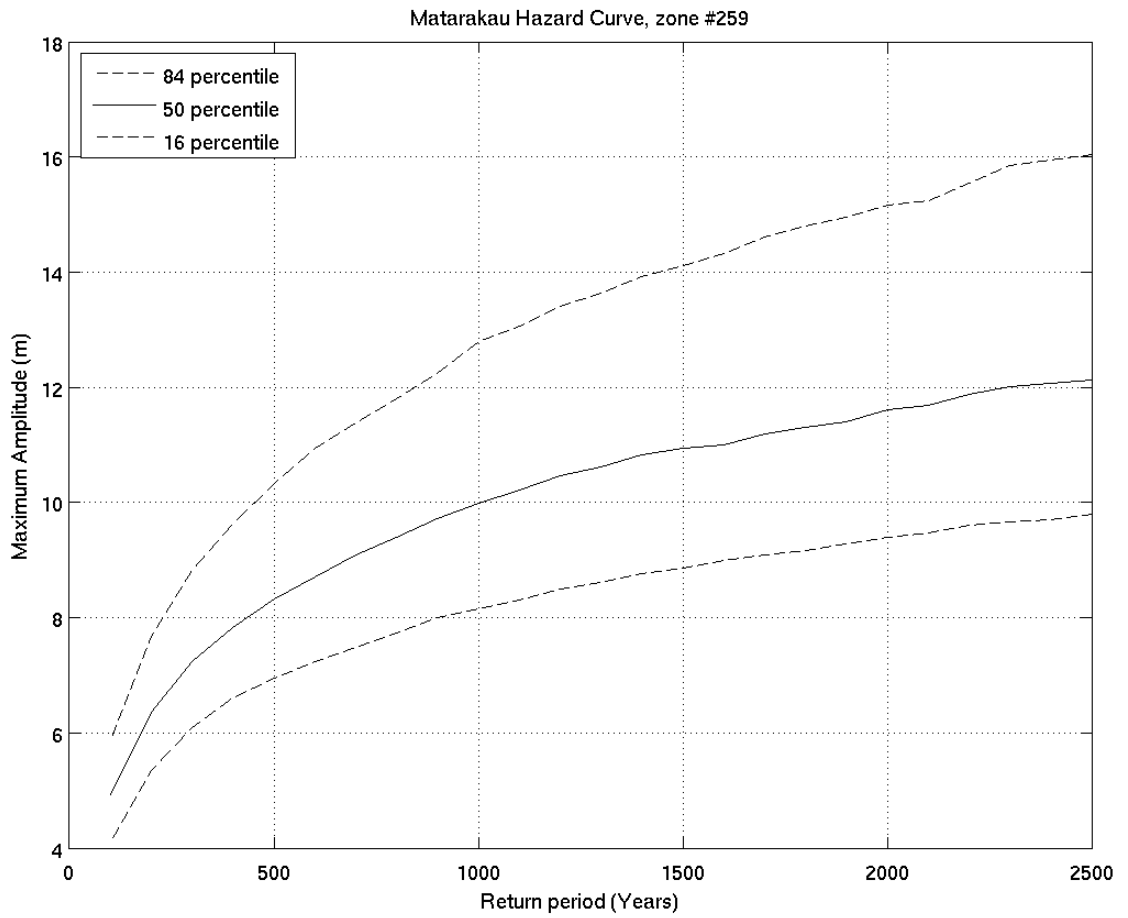
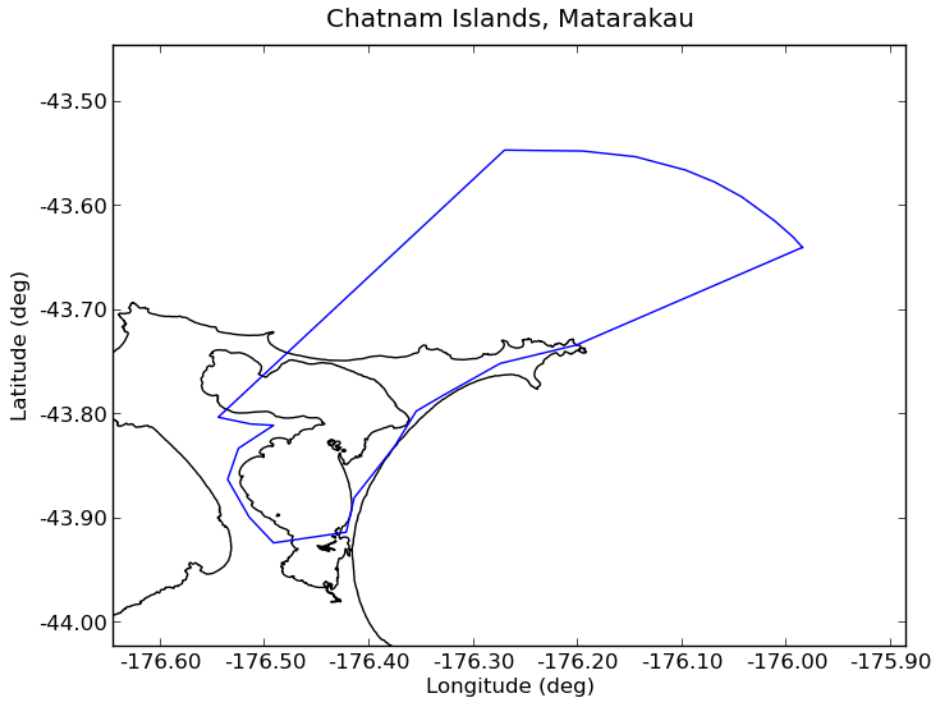
Deaggregation of Zone:258, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.0879 m



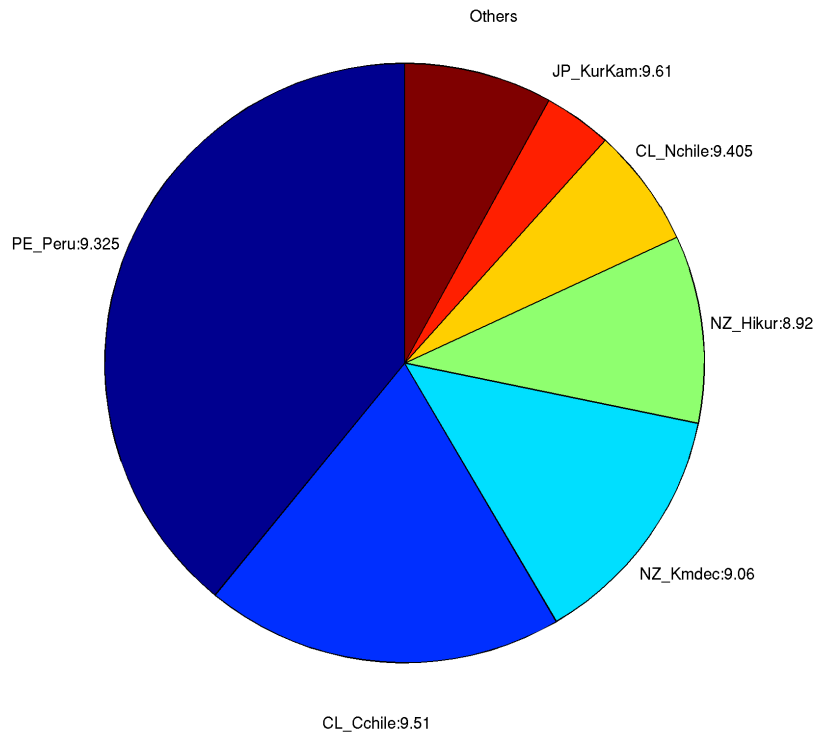
Deaggregation of Zone:258, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:13.2774 m



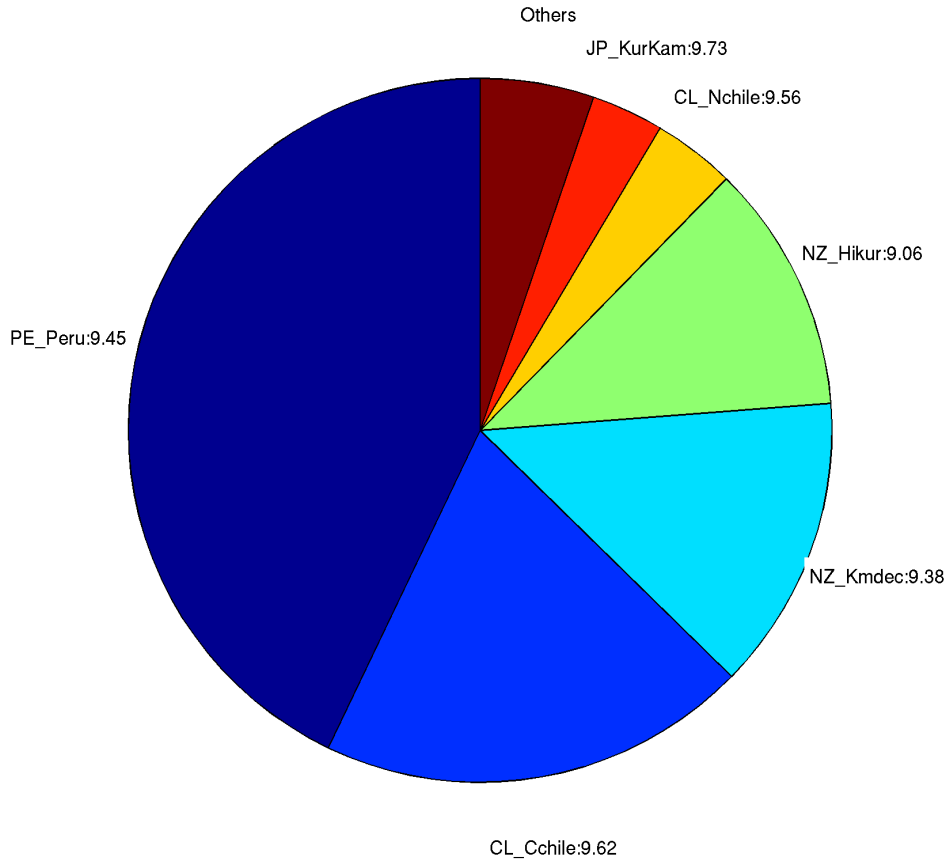
259. *Matarakau*



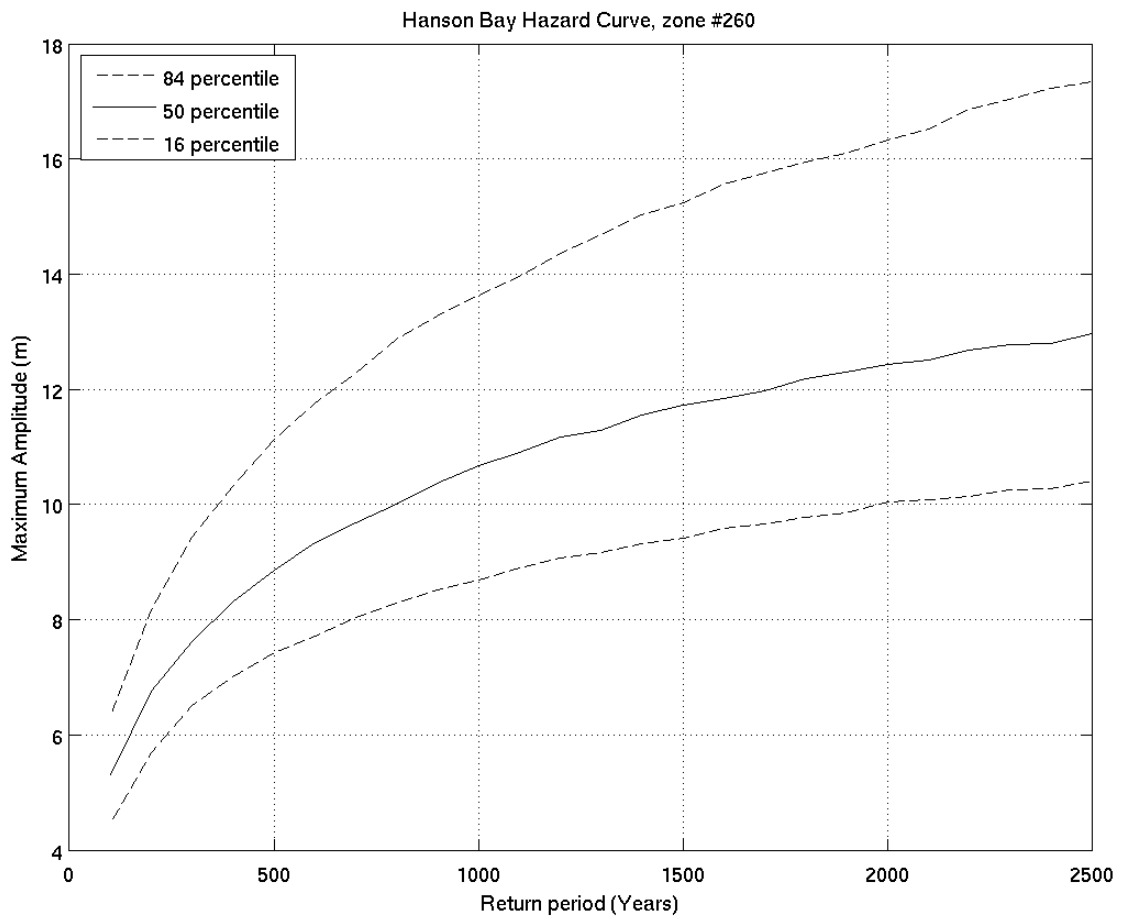
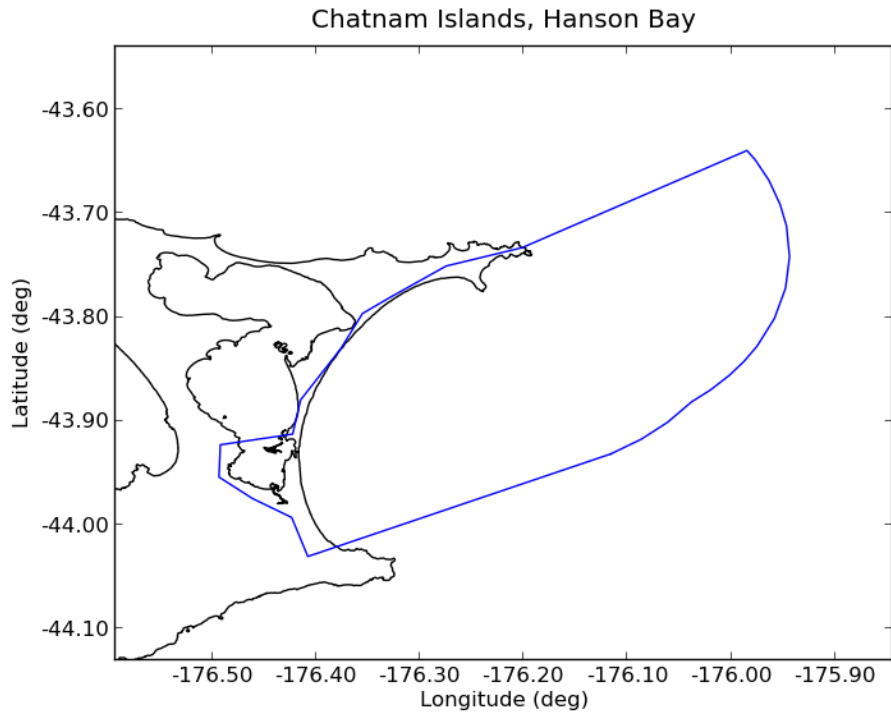
Deaggregation of Zone:259, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.308 m



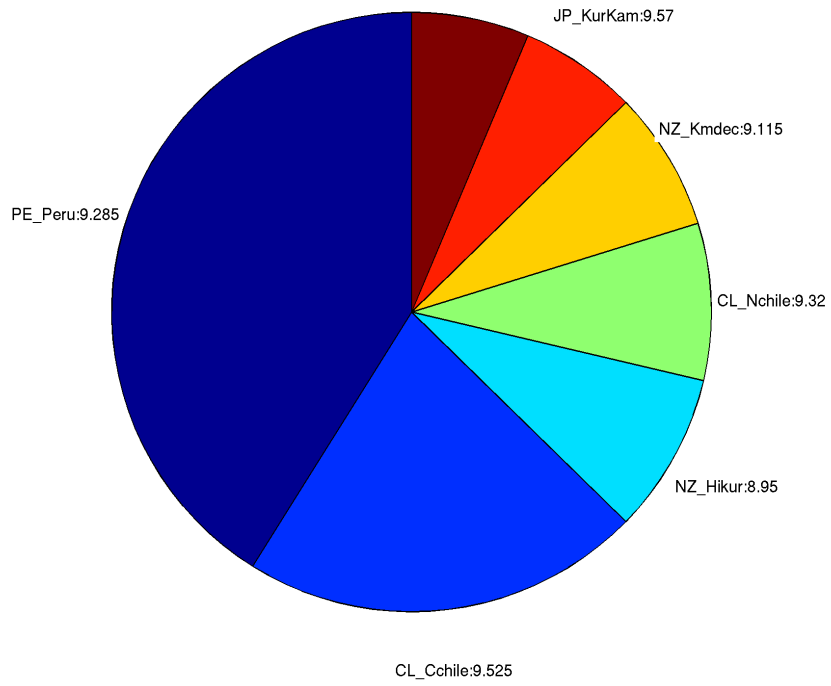
Deaggregation of Zone:259, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.1317 m



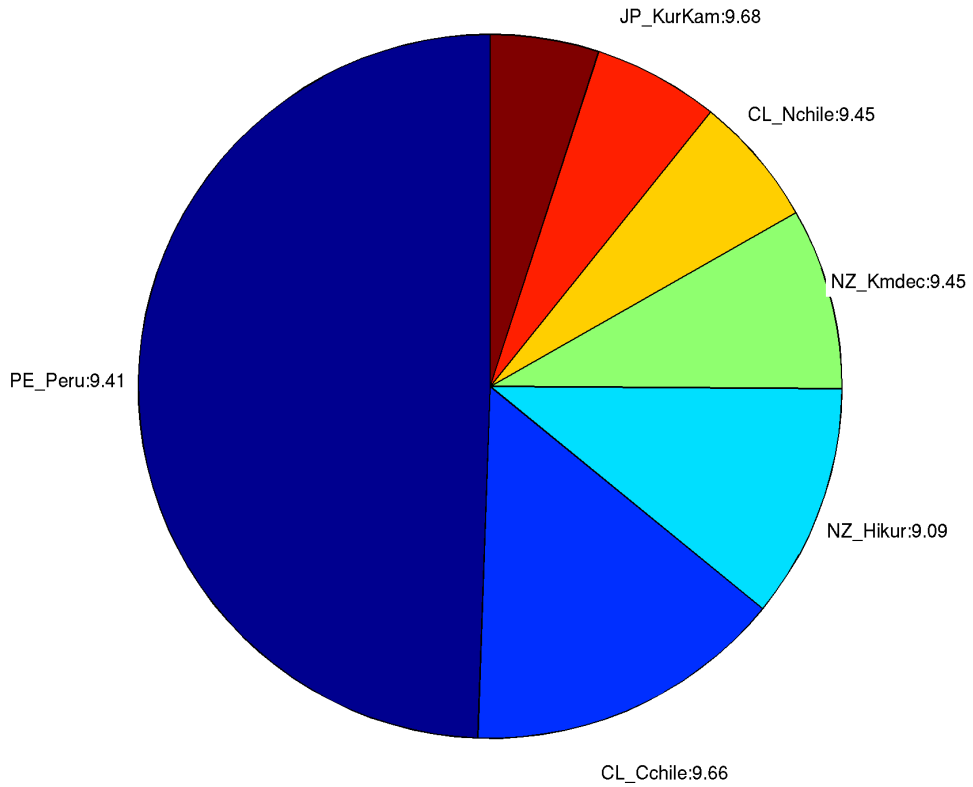
260. **Hanson Bay**



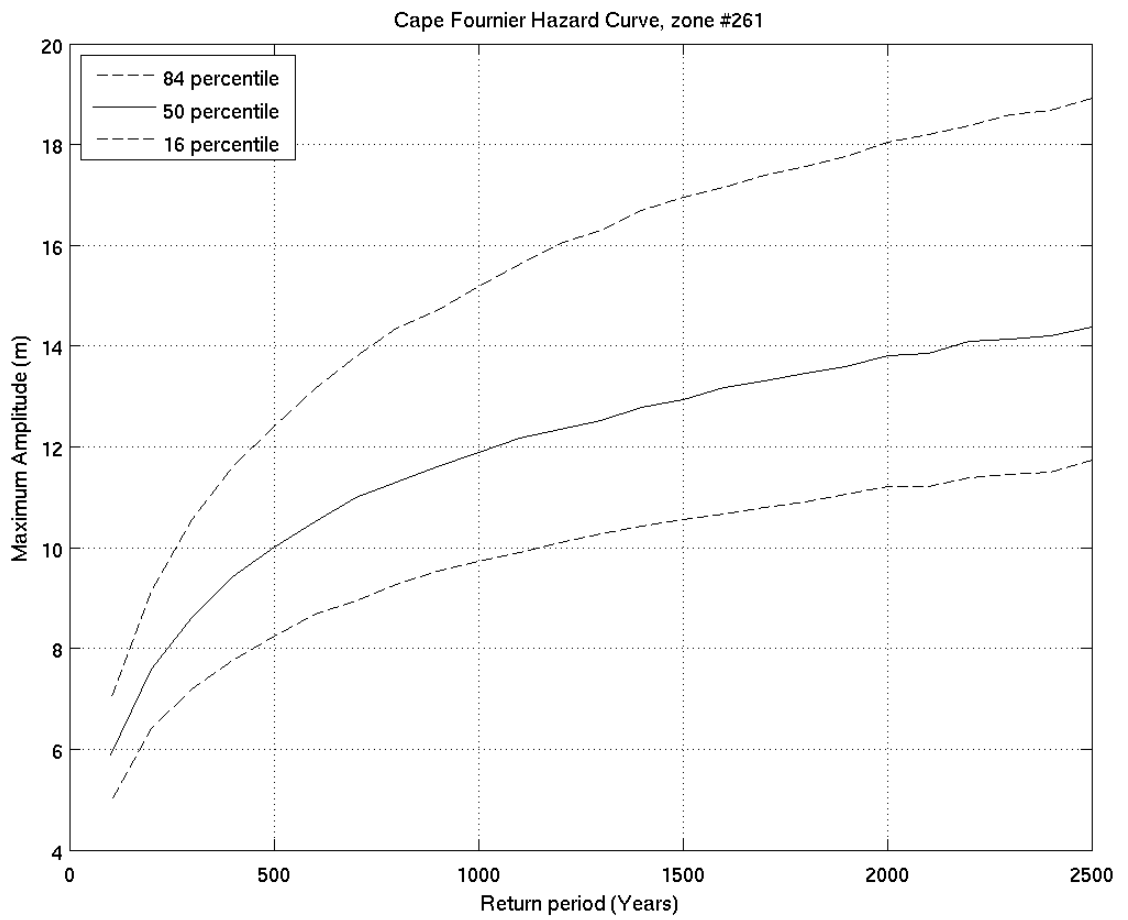
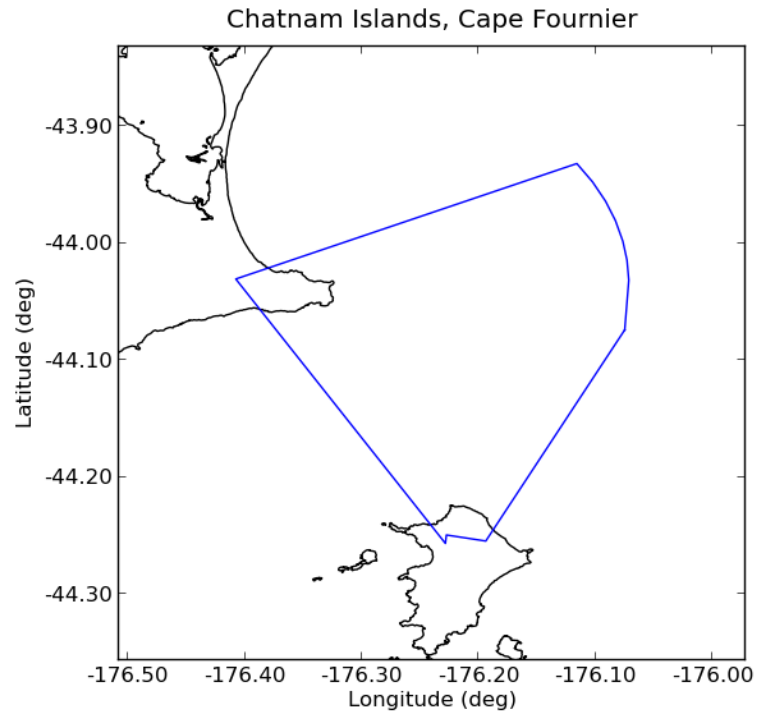
Deaggregation of Zone:260, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.8615 m  
Others



Deaggregation of Zone:260, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:12.8796 m  
Others

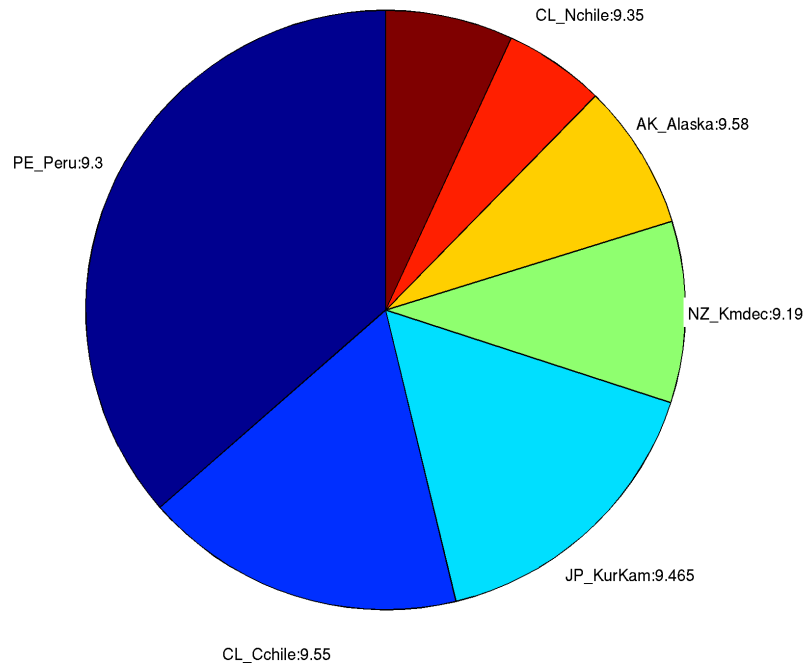


261. **Cape Fournier**

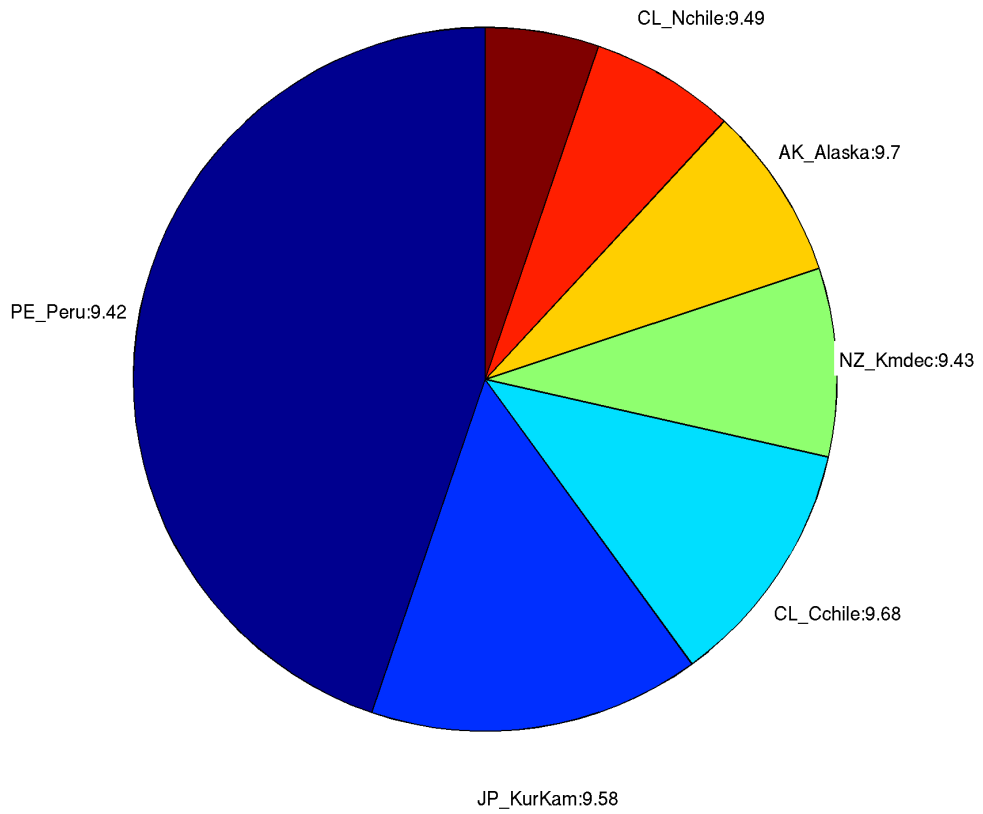




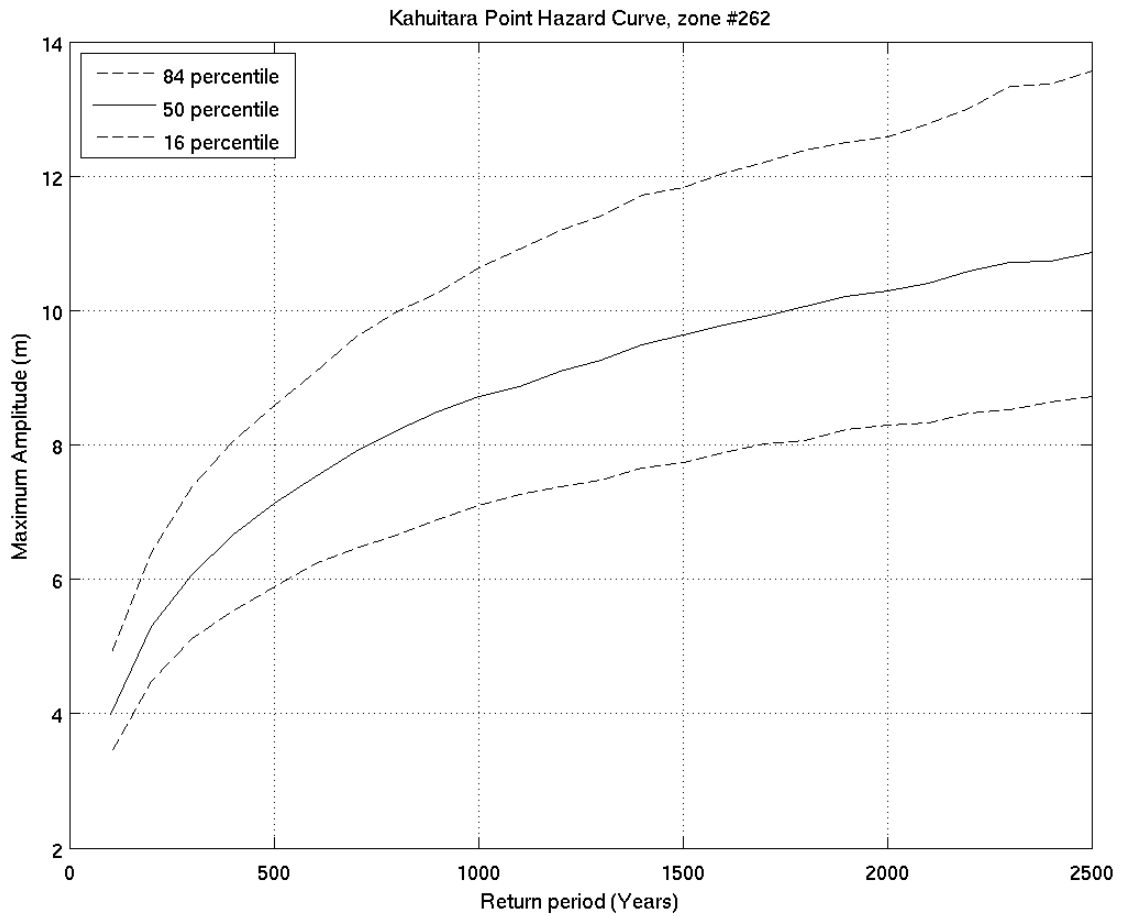
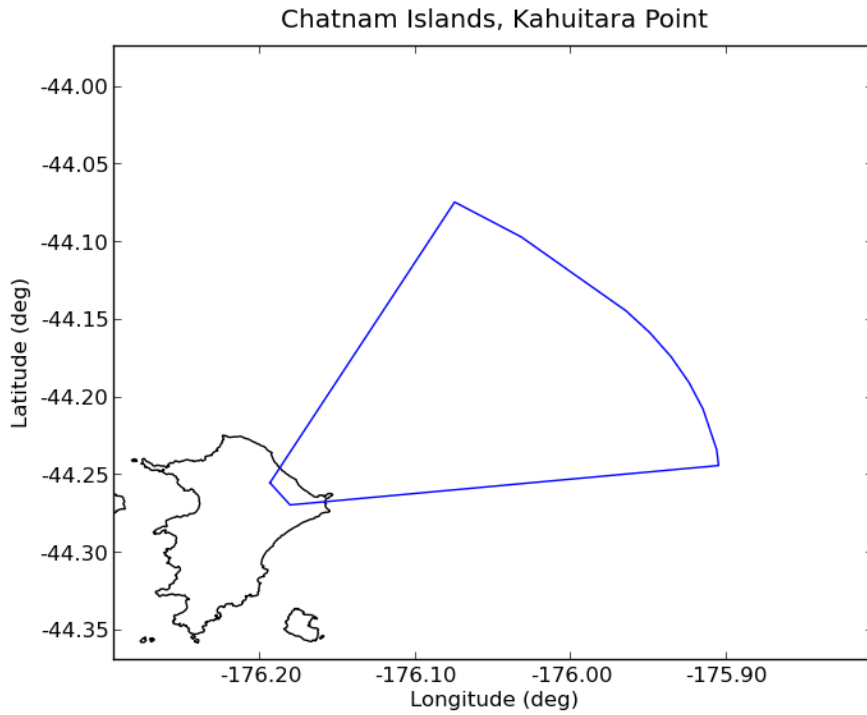
Deaggregation of Zone:261, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.0185 m  
Others



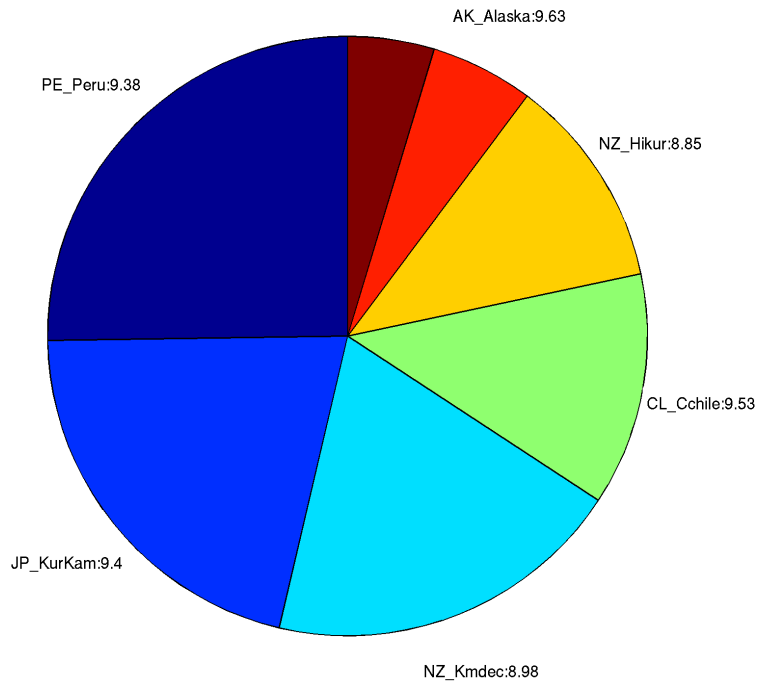
Deaggregation of Zone:261, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:14.3816 m  
Others



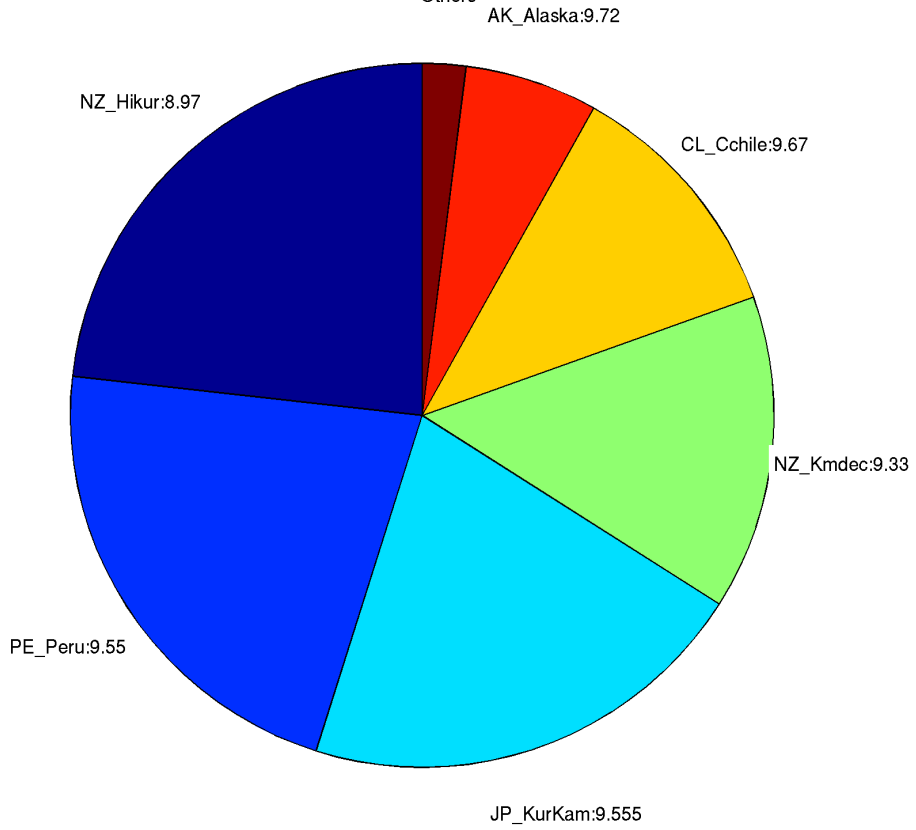
262. *Kahuitara Point*



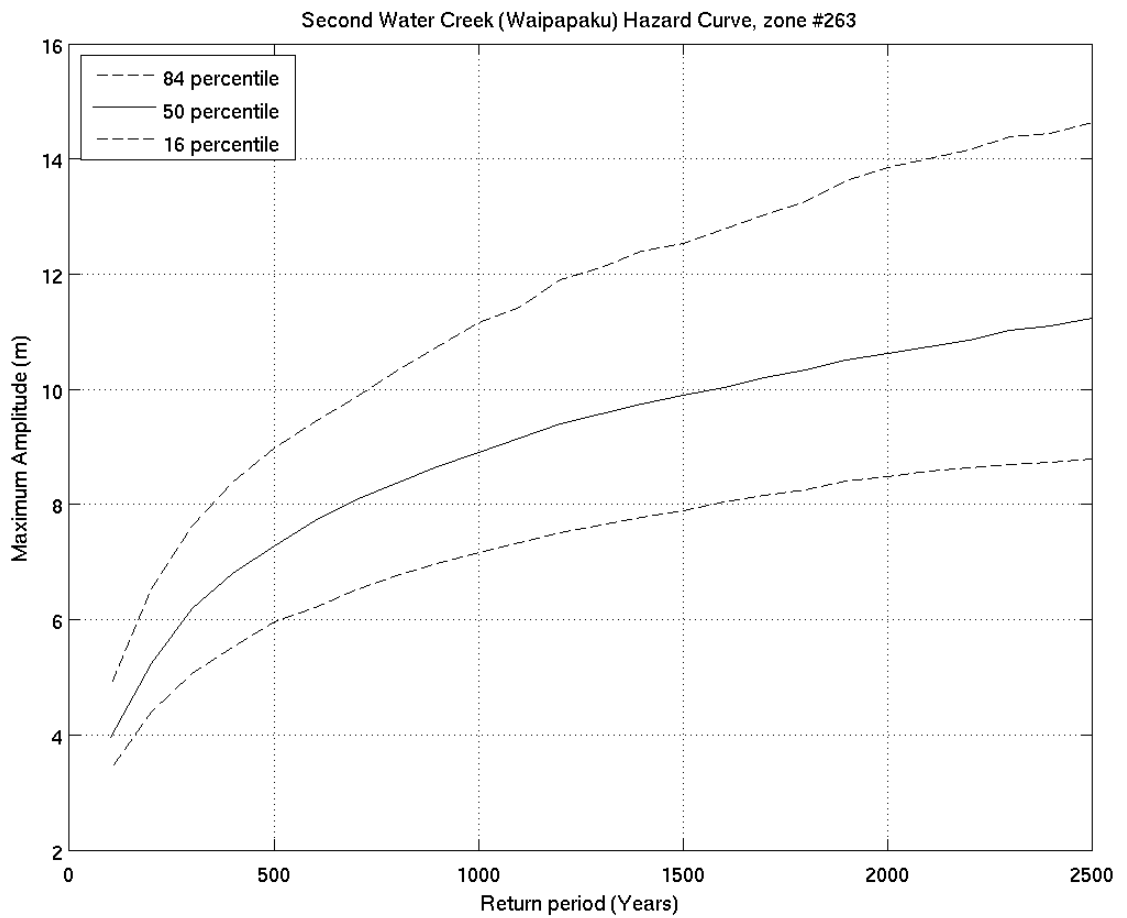
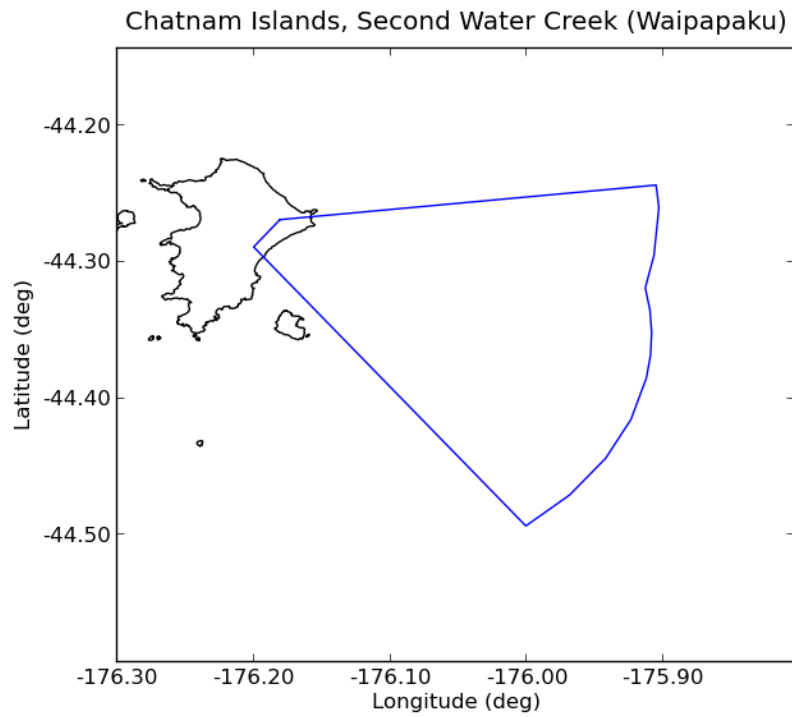
Deaggregation of Zone:262, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.1109 m  
Others



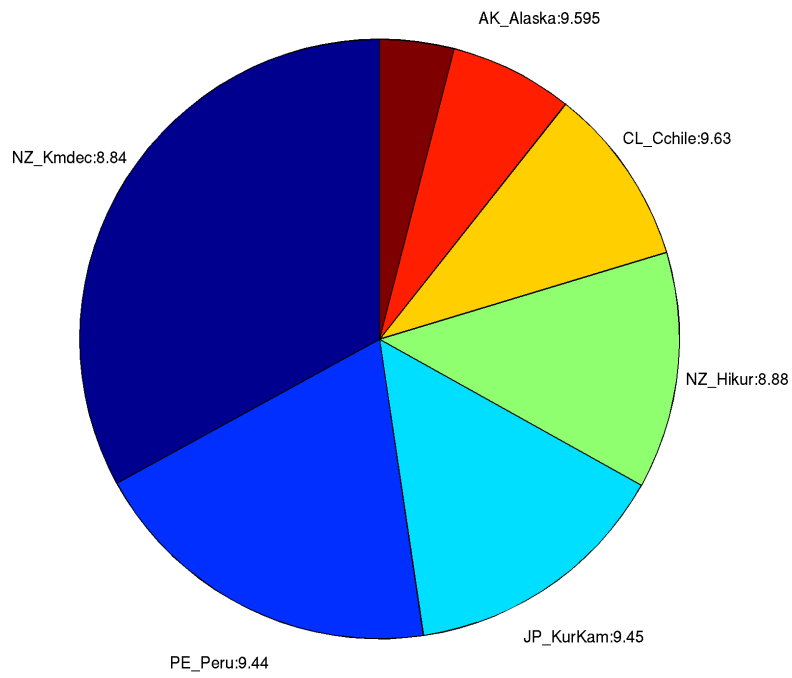
Deaggregation of Zone:262, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:10.805 m  
Others



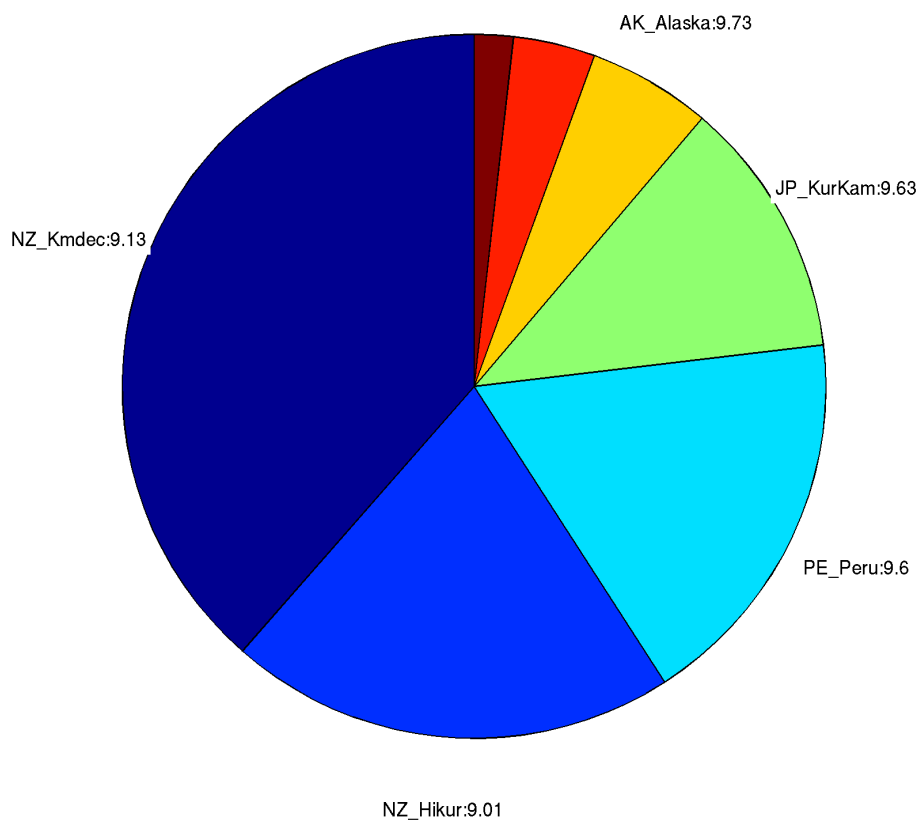
263. **Second Water Creek (Waipapaku)**



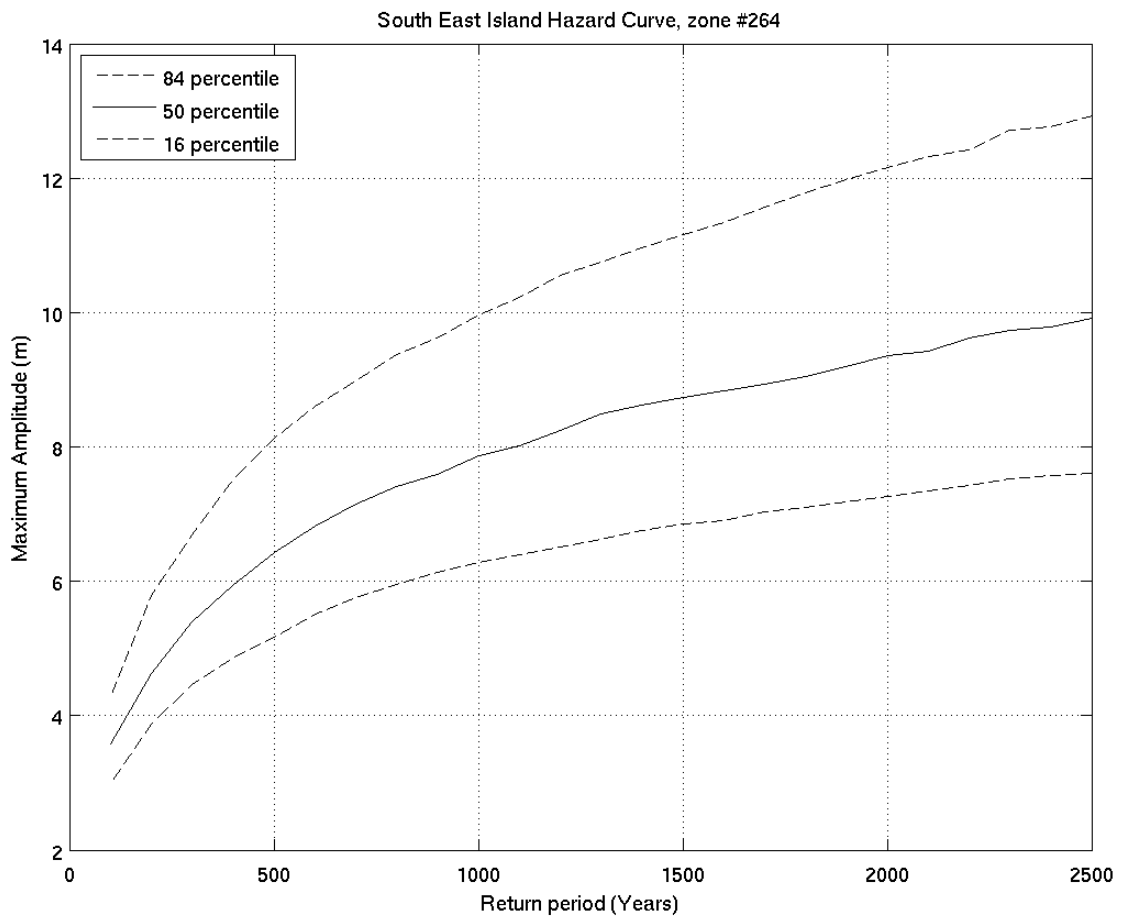
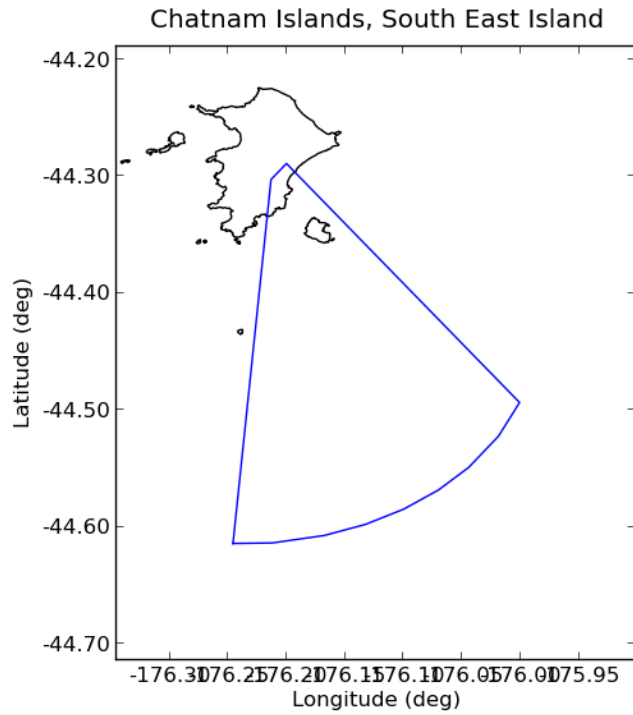
Deaggregation of Zone:263, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:7.2776 m  
Others



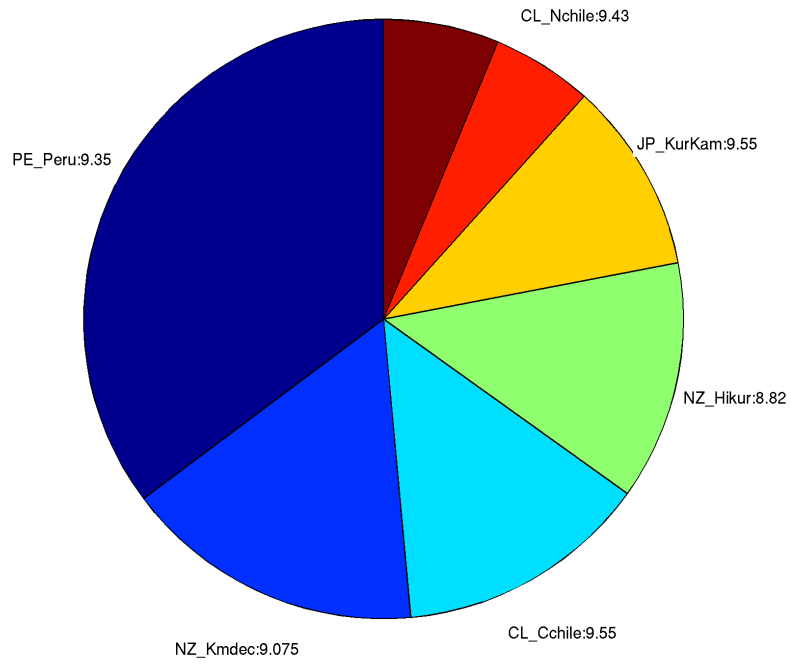
Deaggregation of Zone:263, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:11.2093 m  
Others \_\_Cchile:9.76



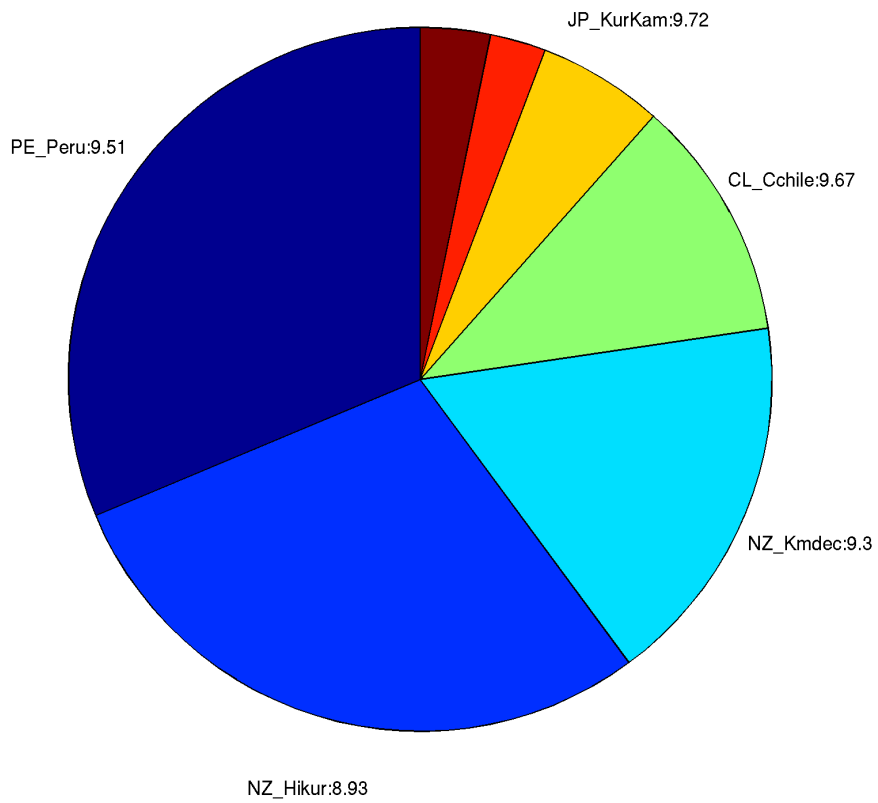
264. **South East Island**



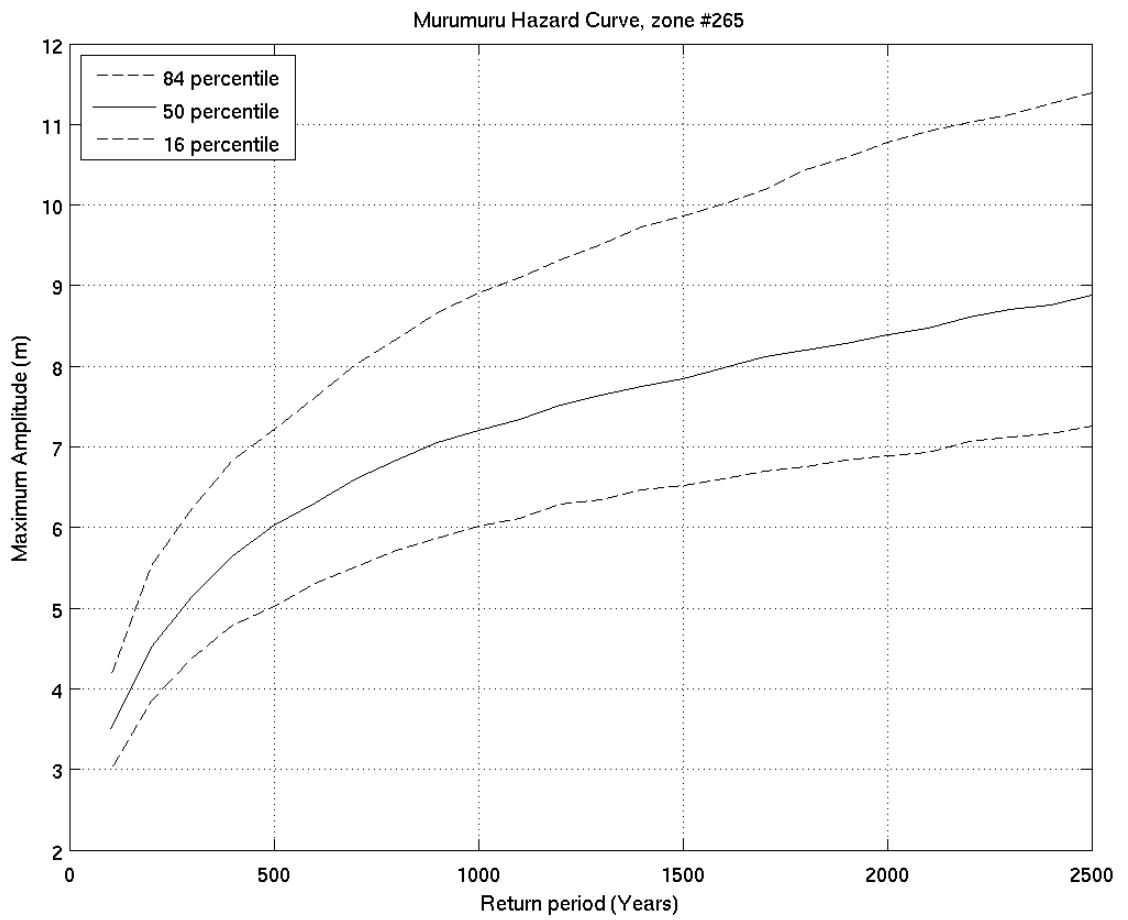
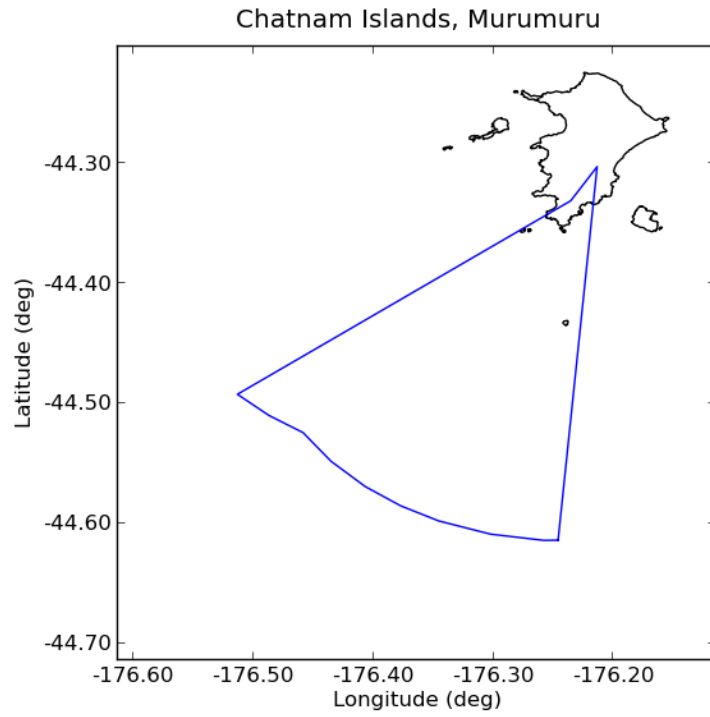
Deaggregation of Zone:264, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.4152 m  
Others



Deaggregation of Zone:264, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.9084 m  
Others Alaska:9.79

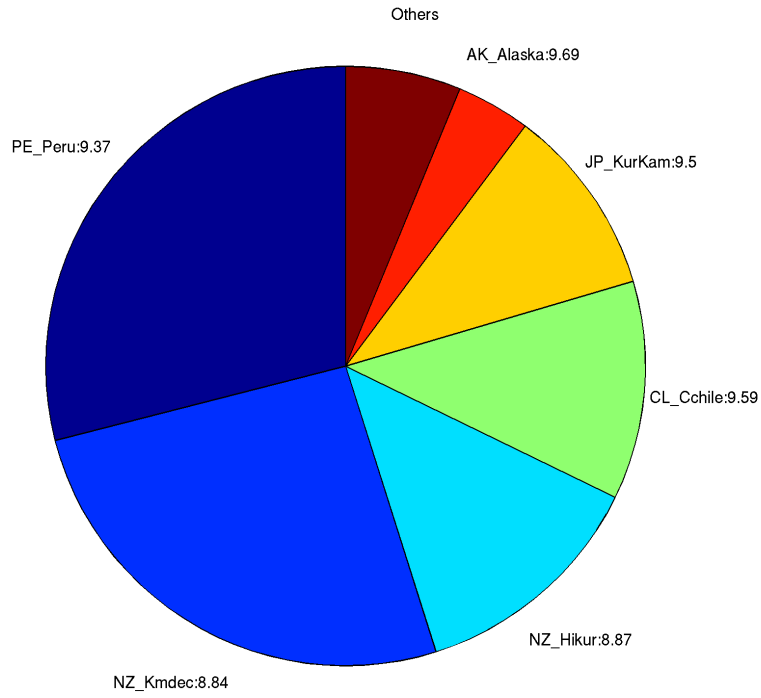


265. *Murumuru*

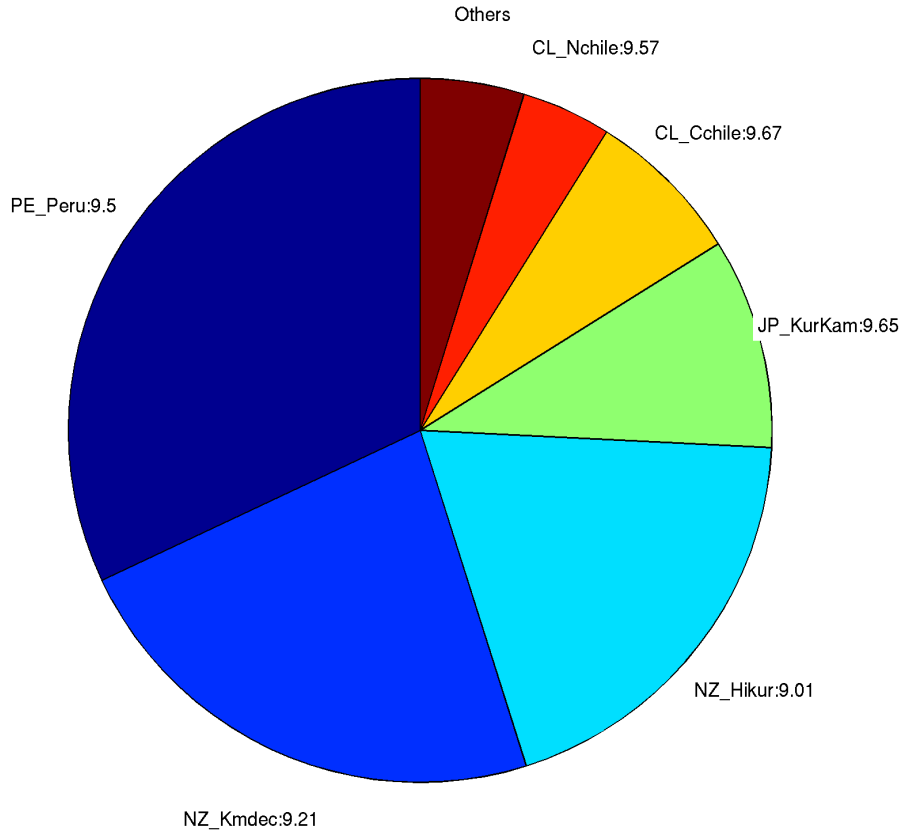




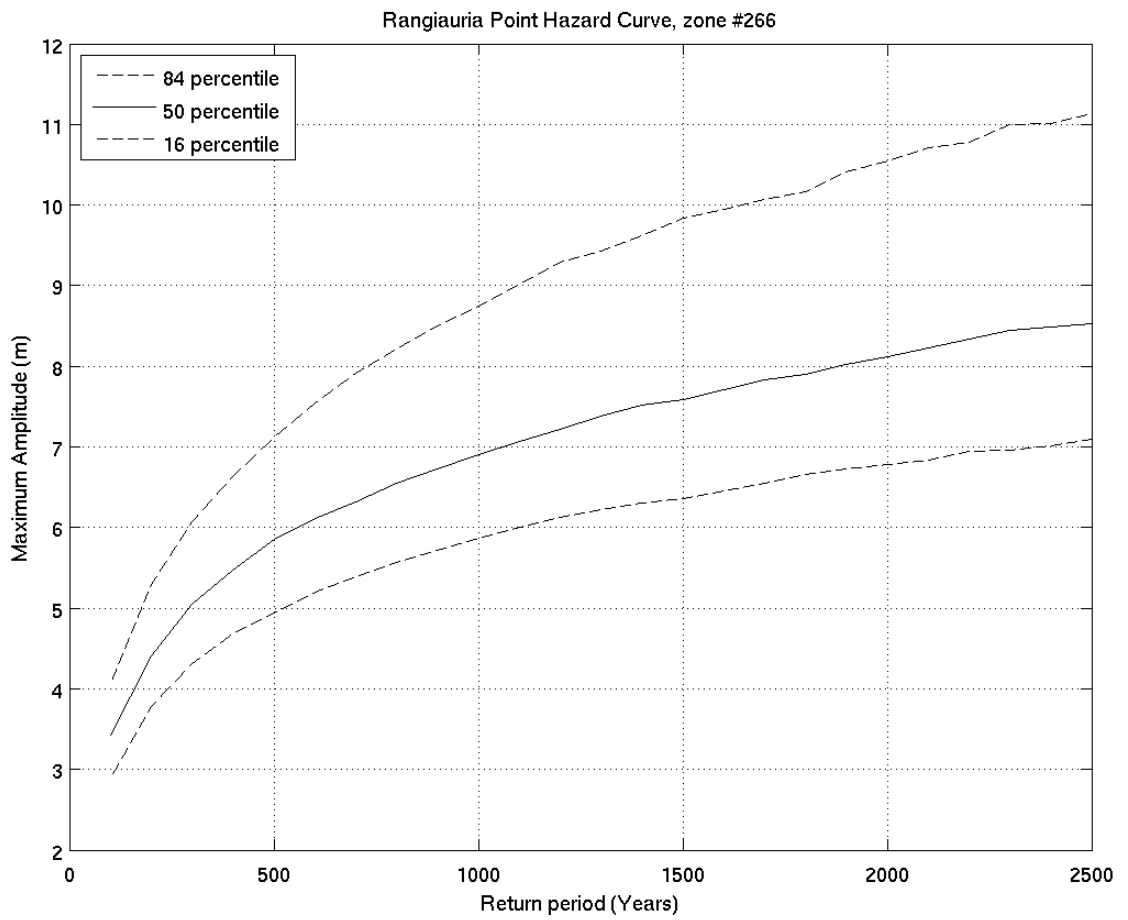
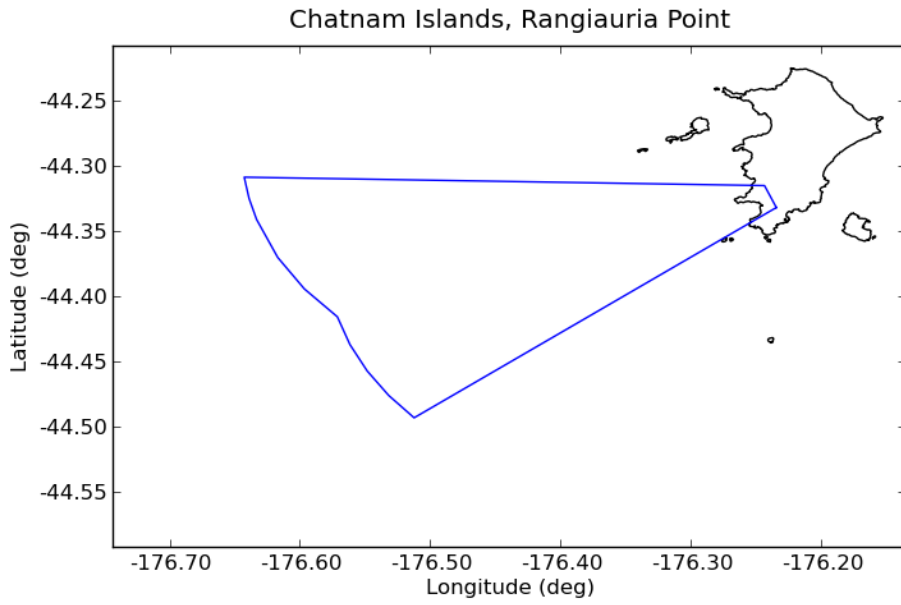
Deaggregation of Zone:265, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.0212 m



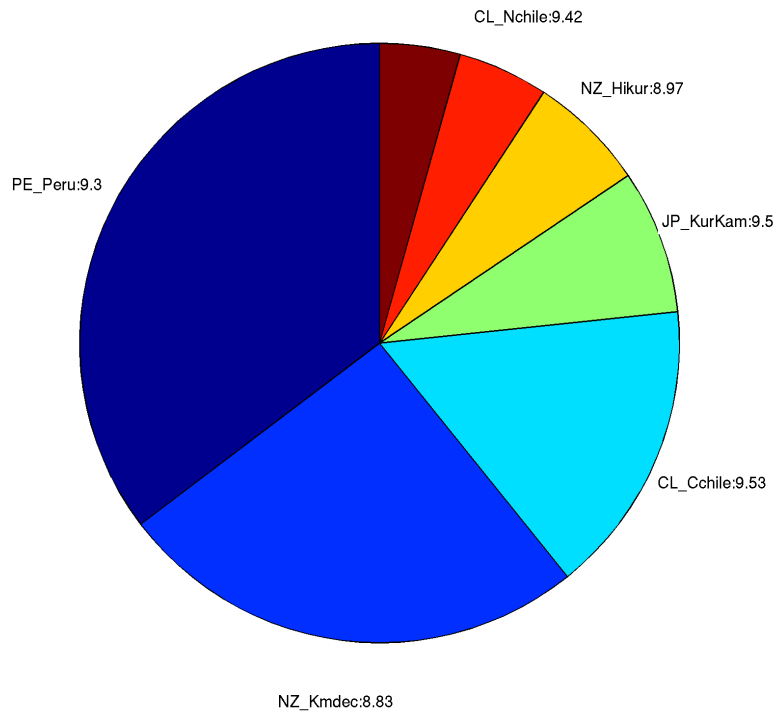
Deaggregation of Zone:265, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.8564 m



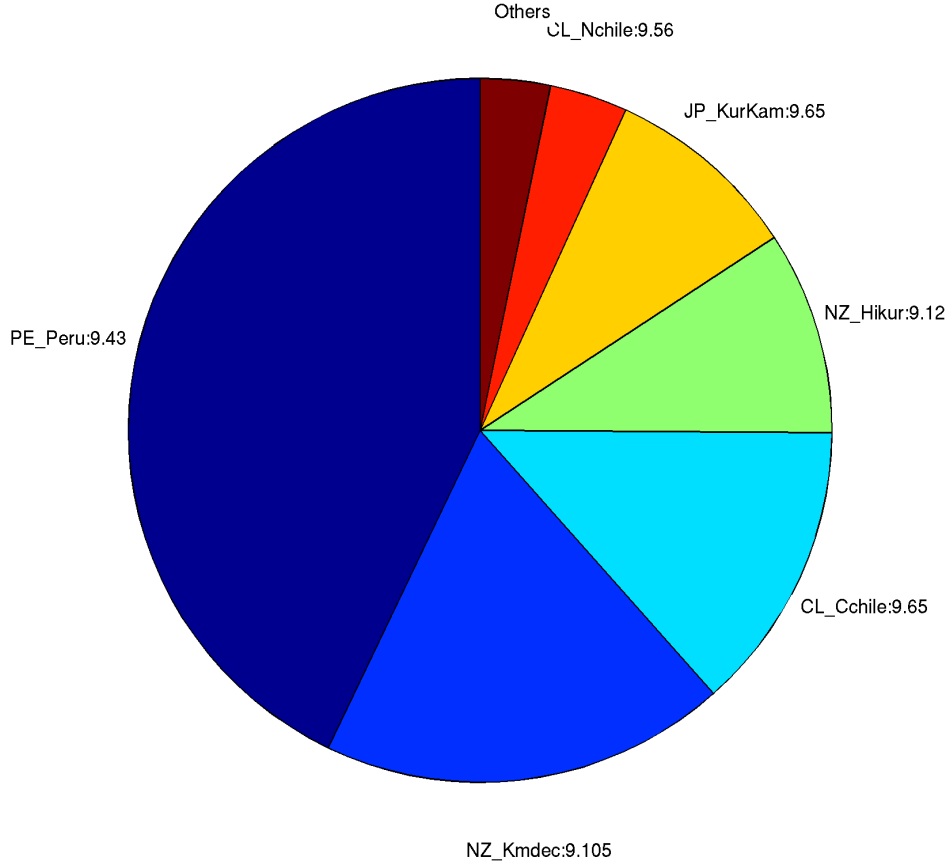
266. Rangiauria Point



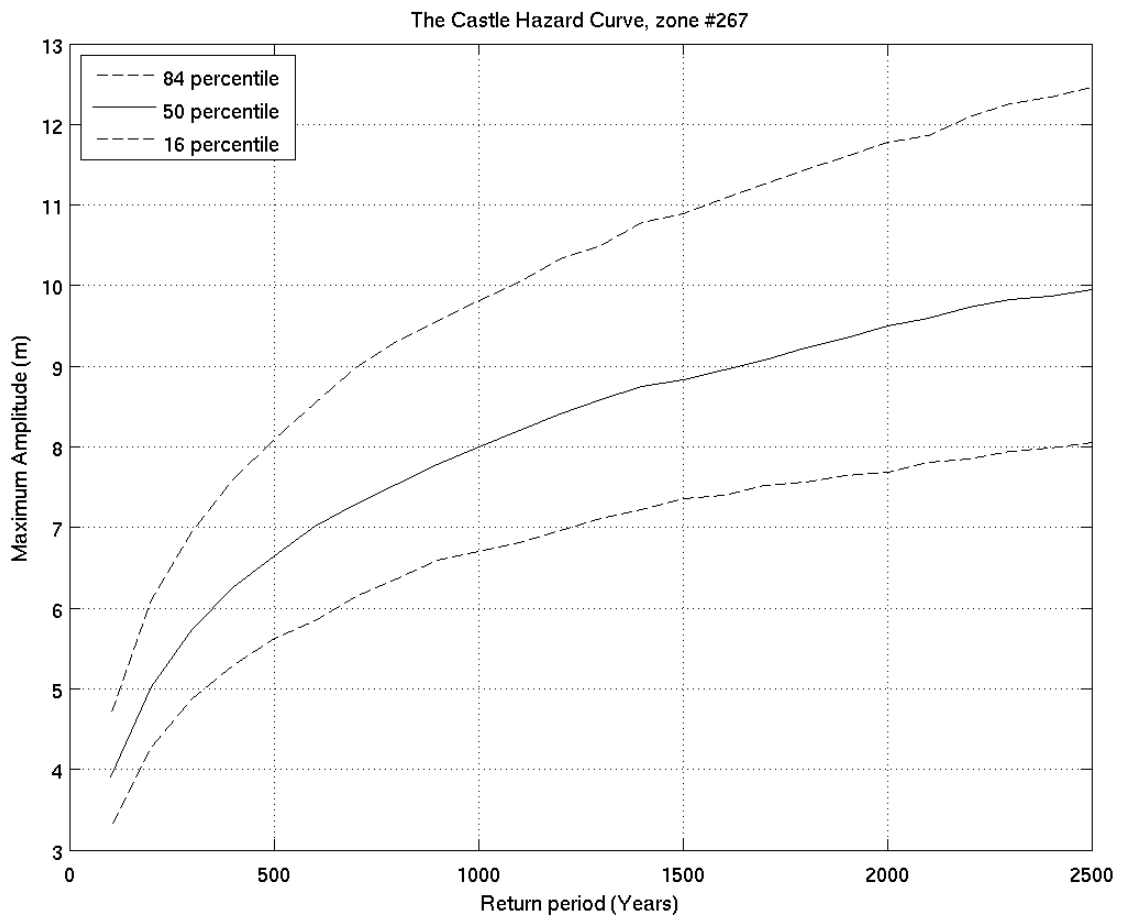
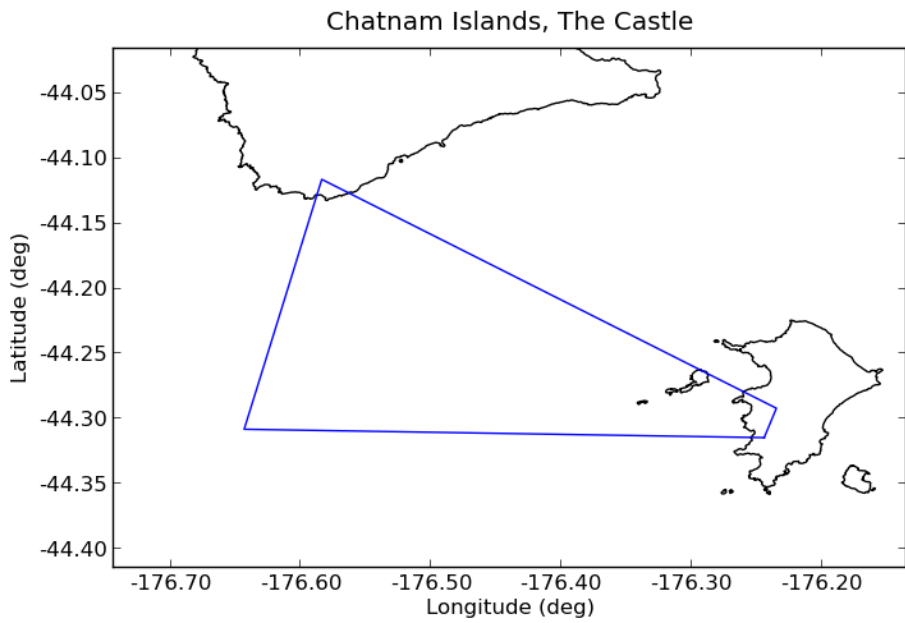
Deaggregation of Zone:266, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:5.8442 m



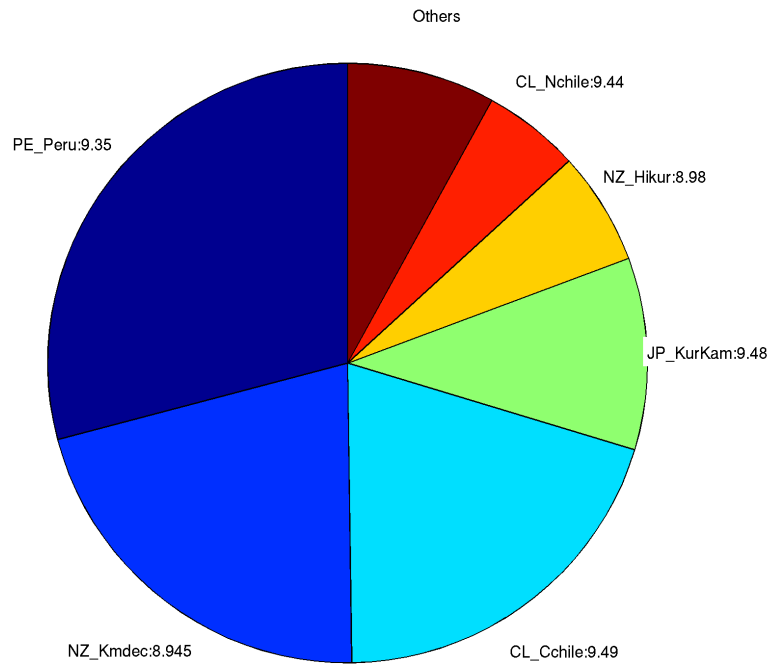
Deaggregation of Zone:266, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:8.5262 m



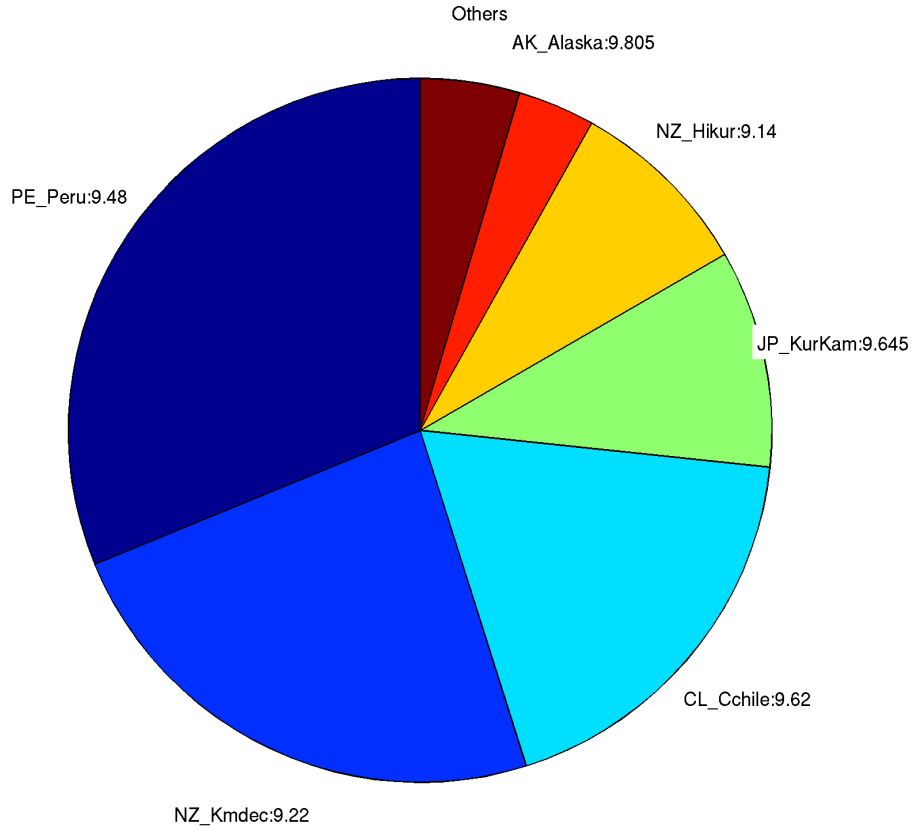
267. *The Castle*



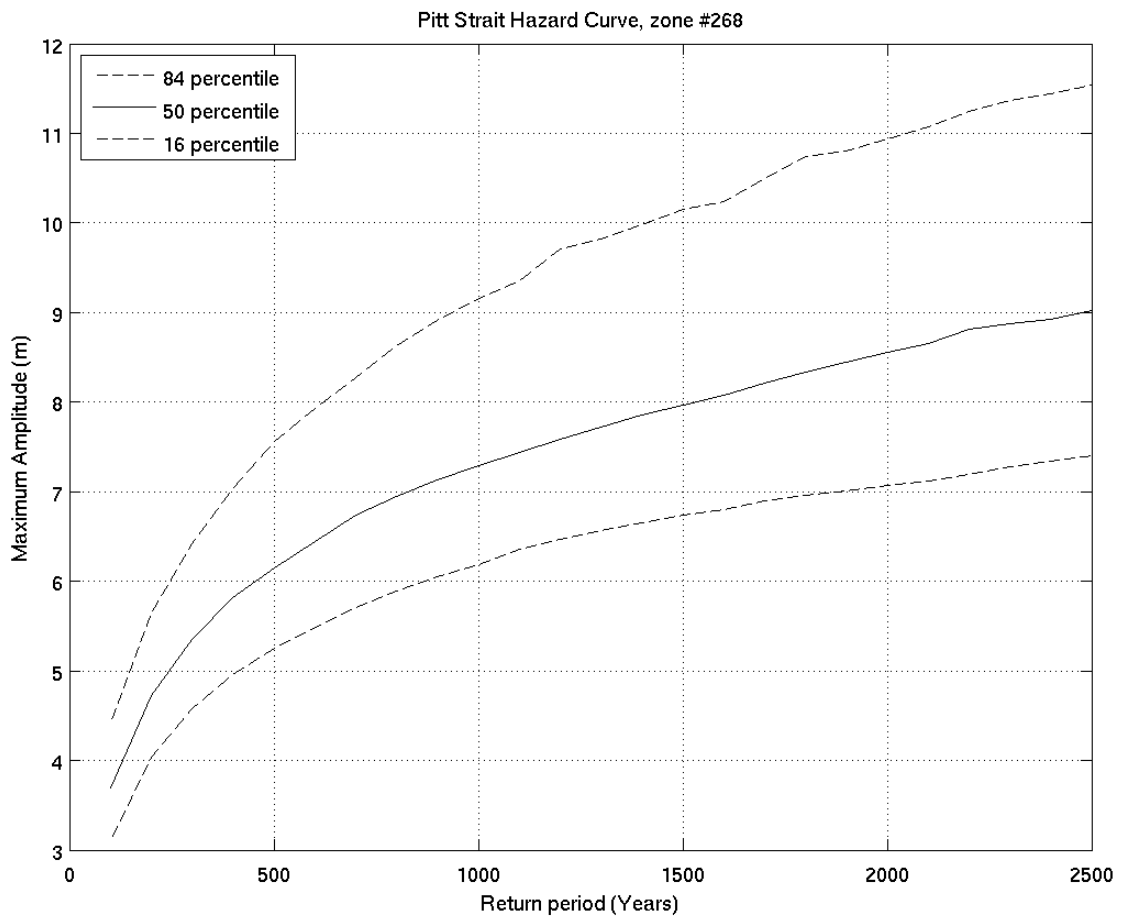
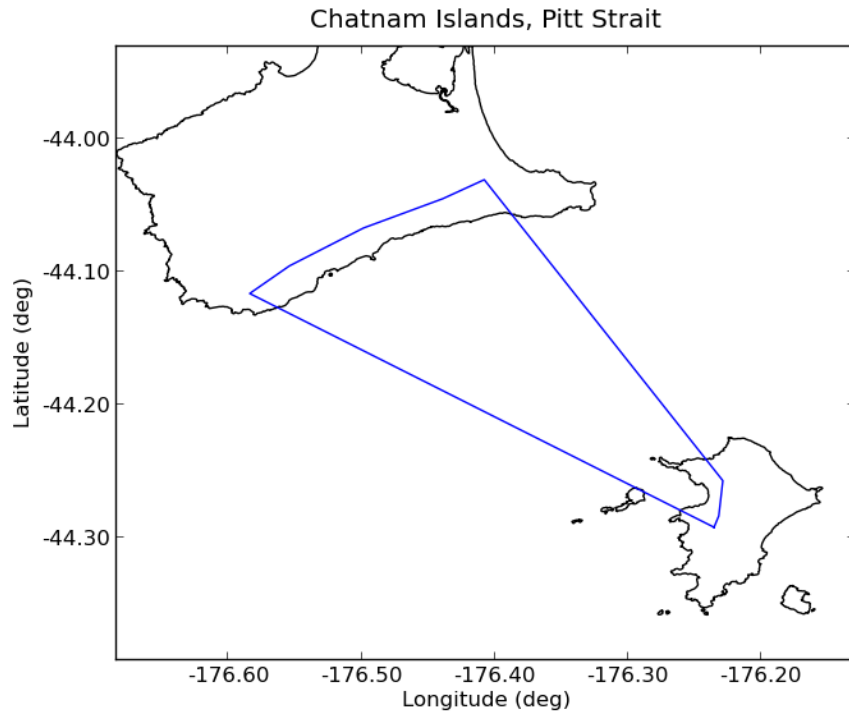
Deaggregation of Zone:267, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.6497 m



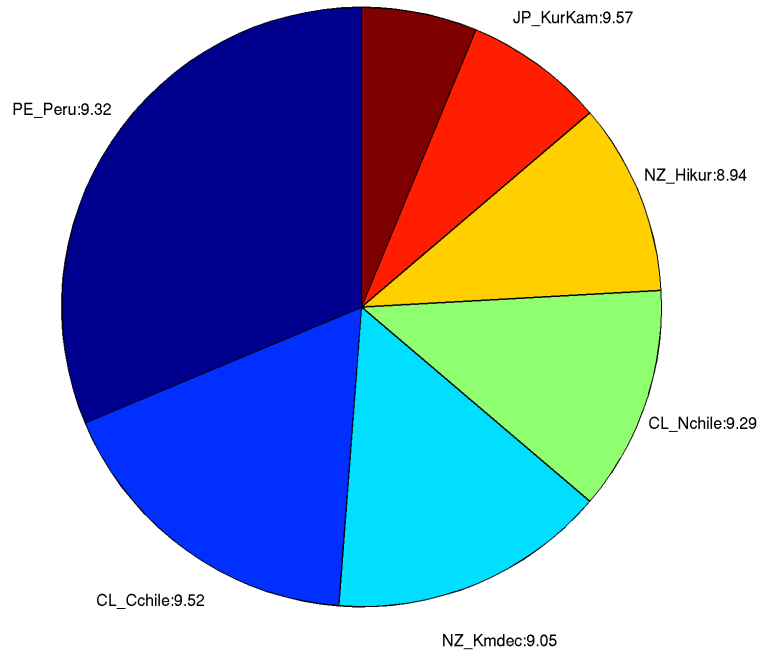
Deaggregation of Zone:267, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.9426 m



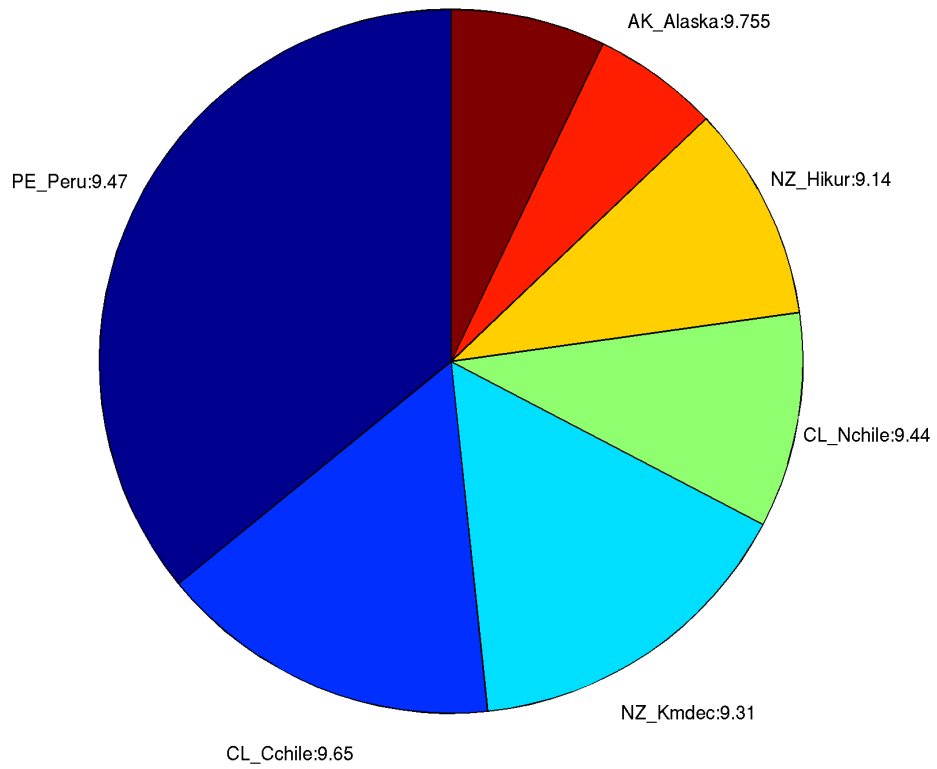
268. *Pitt Strait*



Deaggregation of Zone:268, Return Period:500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:6.1456 m  
Others



Deaggregation of Zone:268, Return Period:2500 years, Tsunami Height (Maximum Amplitude) at 50th percentile:9.0116 m  
Others











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