



## Rate White Island's Volcanic Hazards

In 1975 eruptions were happening almost all the time so scientists began a special White Island volcano surveillance programme and it continues today. It should tell them if a volcano crisis is about to start but there may not be time to tell visitors on the island. So assess the risks with a tick in the box.



| White Island is an active volcano. If you are down on the main crater floor it can be risky.<br><br>The hazards change a lot in and around the main crater depending on the level of activity. They're always there, even in quiet times.                                                         | Level 1<br>No risk<br> | Level 2<br>Slight risk | Level 3<br>Medium risk | Level 4<br>High risk | Level 5<br>Extreme risk<br>Get out of there!<br> |
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| An eruption might suddenly start!                                                                                                                                                                                                                                                                 |                                                                                                         |                        |                        |                      |                                                                                                                                     |
| The crater wall might even collapse - a small chance but a possibility.                                                                                                                                                                                                                           |                                                                                                         |                        |                        |                      |                                                                                                                                     |
| A shallow earthquake might trigger an avalanche.                                                                                                                                                                                                                                                  |                                                                                                         |                        |                        |                      |                                                                                                                                     |
| Heavy rain might trigger a landslide .                                                                                                                                                                                                                                                            |                                                                                                         |                        |                        |                      |                                                                                                                                     |
| There could be "enhanced volcanic activity". That means ash fall, steam eruptions and occasional explosions that throw rocks as far as the sea.<br>( It's happened a lot over the last 25 years.)<br><br>Visitors to the island, boats at anchor and close passing aircraft are all at risk then! |                                                                                                         |                        |                        |                      |                                                                                                                                     |
| An explosive eruption could be triggered by the collapse of part of the volcano wall. The vents could get blocked and boom! An explosion almost always happens then.<br><br>These are difficult to predict!                                                                                       |                                                                                                         |                        |                        |                      |                                                                                                                                     |