























Events effecting the South Island of New Zealand since 2000				
	Date	Magnitude		Max V
Secretary Island (Fiordland)	22 Aug 2003	7.2	0.27	0.72
Macquarie Island	24 Dec 2004	8.1	0.02	0.01
George Sound (Fiordland)	16 Oct 2007	6.7	0.13	0.27
Dusky Sound	15 Jul 2009	7.8	1.74	0.39
Darfield	4 Sep 2010	7.1	3.20	1.75
Christchurch	22 Feb 2011	6.3	0.31	0.48
Christchurch	13 Jun 2011	6.3	0.22	0.13
Christchurch	23 Dec 2011	6.0	0.25	0.36
Cook Strait	17 Jul 2013	6.5	0.08	0.02
Lake Grassmere	16 Aug 2013	6.6	0.34	0.26

g Land Informati	
"Reverse" patch	
Coordinates changed to reflect deformation due to earthquake	
Only need to apply patch to convert coordinate for dates before the earthquake	
Relative local accuracy maintained	
Costly to implement – coordinate change applies to all databases of NZGD2000 coordinates in affected area	





















