Darfield (Canterbury) Earthquake
Sept 3, 2010
4:36 am
$M_w$ 7.1

Presenters: Scott Ashford, Jon Eidinger
Fred Turner, Bill Holmes, and Mary Comerio,
Caption: Strong motion stations (circles - size dependent on V/H Arias Intensity; diamonds for V/H Arias Intensity less than 0.4; color of symbols is proportional to horizontal Arias Intensity: red - high, blue - low; Strong motion stations at Greendale and Kaiapoi are noted) overlaid on to Darfield earthquake mainshock focal mechanism (Global CMT Project; www.globalcmt.org) and aftershocks (green circles). The red line is the approximate position and extent of surface rupture. Gray area is the metropolitan area of Christchurch.
Presentations

- Scott Ashford: Geotechnical Aspects of the 2010 Darfield Earthquake
- Jon Eidinger: ASCE/TCLEE overview
- Fred Turner: Performance of Unreinforced Masonry and Selected Modern Buildings and Port Facilities
- William Holmes: Nonstructural Damage and Other Observations
- Mary Comerio: University Impacts; Response and Recovery