



Fig 4. Examples of data we will model. A) Post 1998-eruption siesmicity (as in Sohn et al. 1999, but relocated in 3D model), showing events well to the west of the eruption site, possibly due to flexuarl stresses in the lid of the magma chamber. B) Extensometer data (Chadwick et al. 1999) from North rift during eruption time. C) Tilt (Totstoy et al. 1998) showing observed tidal signal (top time series) that is 3-4 times the amplitude of the predicted one, possibly due to flexure of the magma chamber lid.