

Homework Set 1(c)

1. Given an earthquake magnitude 6.0, determine the frequency of occurrence and return period of the earthquake using the Gutenberg-Richter Recurrence relationship as given by:
 - i. Figure 4.10b of text
 - ii. The relationships given pages 139 and 141 of notes.
 - iii. Johnston and Nava (1985) on page 140 of notes