This map shows maximum earthquake intensity predicted at specific sites using the empirical relations derived from the reliable 1906 intensity data (figs. 3 and 4; see text). The numbers 4-0 correspond to letters A-E, respectively, of the San Francisco intensity scale. The predicted intensity is the maximum of those predicted for the site assuming that a large earthquake were to occur on either the San Andreas or the Hayward fault. The map suggests that an earthquake on either fault could cause as much damage at some sites distant from the fault as at sites in the immediate zone of potential surface faulting.

- Indicates recording sites described by Borcherdt (1970).
- Indicates recording sites occupied since (Gibbs and Borcherdt, 1974).

Maps showing maximum earthquake intensity predicted in the Southern San Francisco Bay region, California, for large earthquakes on the San Andreas and Hayward faults

by

Roger D. Borcherdt, James F. Gibbs, and Kenneth R. Lajoie

1975