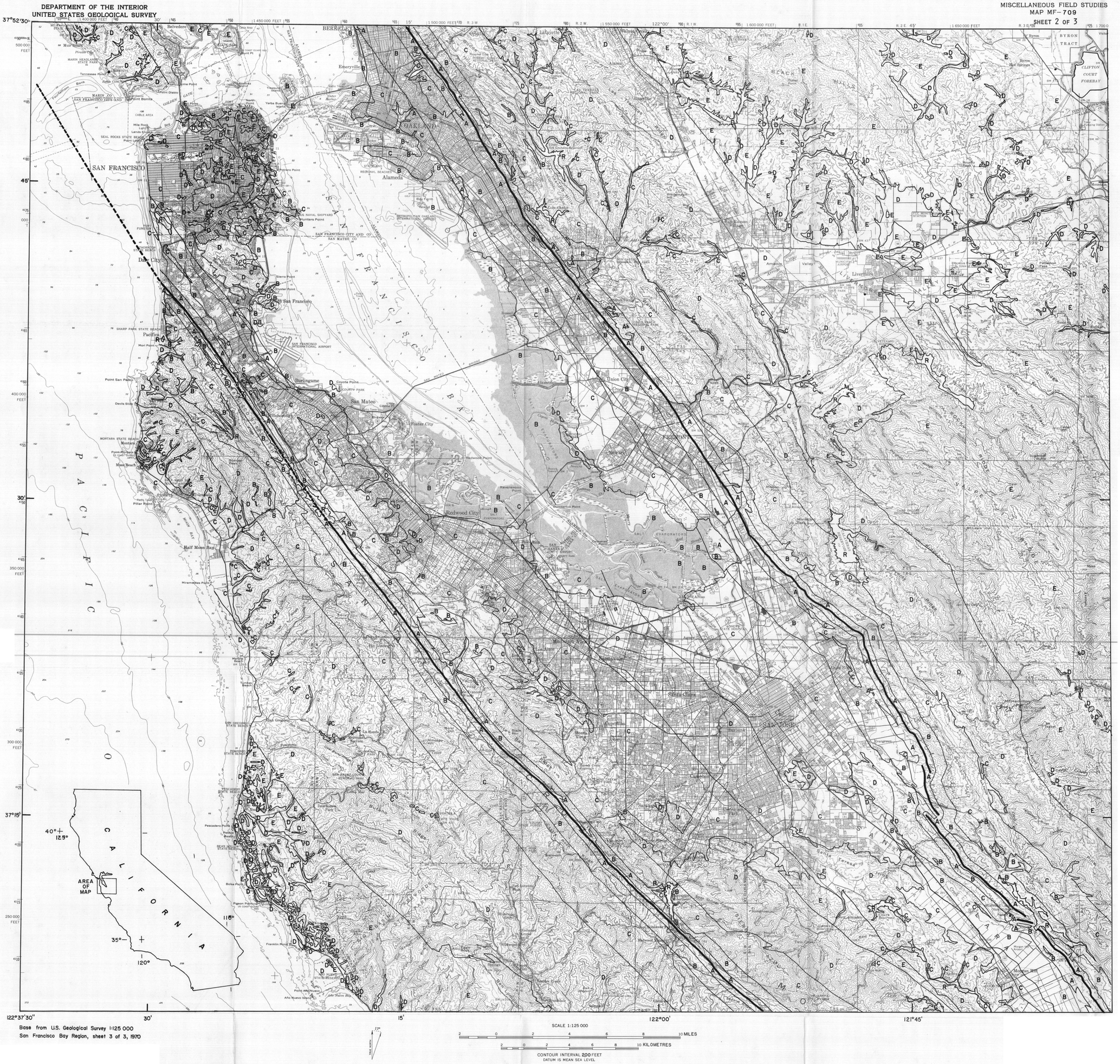

Base from U.S. Geological Survey 1:125 000
San Francisco Bay Region, sheet 3 of 3, 1970

SCALE 1:125 000

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

This map shows maximum earthquake intensity predicted on a regional scale using the average intensity increments computed for the generalized geologic units (table 1, col. 6), the empirical intensity vs. distance relation (fig. 3), and the generalized geologic map (sheet 3). These empirical relations were derived from the reliable 1906 intensity data (see text). The predicted value for each point on the map is the maximum of that predicted for that point assuming that a large earthquake were to occur on either the San Andreas fault or the Hayward fault. Letters A-E indicate grades of the San Francisco intensity scale (see section at end of report, p. 4, and fig. 6). The map delineates potentially hazardous areas during large earthquakes on either the San Andreas or the Hayward fault and shows that earthquake hazards are not uniformly distributed throughout the area.

- A — Very violent
- B — Violent
- C — Very strong
- D — Strong
- E — Weak
- Fault
- R — Reservoir or lake

SHEET 2: MAXIMUM EARTHQUAKE INTENSITY PREDICTED ON A REGIONAL SCALE

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
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1975