

SCALE 1/2,500,000

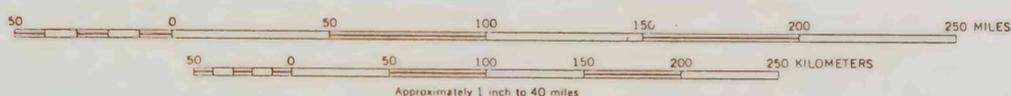


PLATE 6.- 500-YEAR RETURN PERIOD VELOCITY ON ROCK

(90% PROBABILITY OF NOT BEING EXCEEDED IN 50 YEARS)

EXPLANATION

Contours are in centimeters per second.

Dashed contours indicate a continuation of the mapped ground motion level.

Numbers on individual faults represent values occurring only very near the fault.

Numbers within enclosing contours represent values which are constant over a relatively broad area around the location of that number.

Numbers between contours indicate values located other than where expected by linear interpolation.

The probability that a mapped value of velocity (v) will not be exceeded in T years is given by $P(v) = \exp(-T/500)$.

This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards.