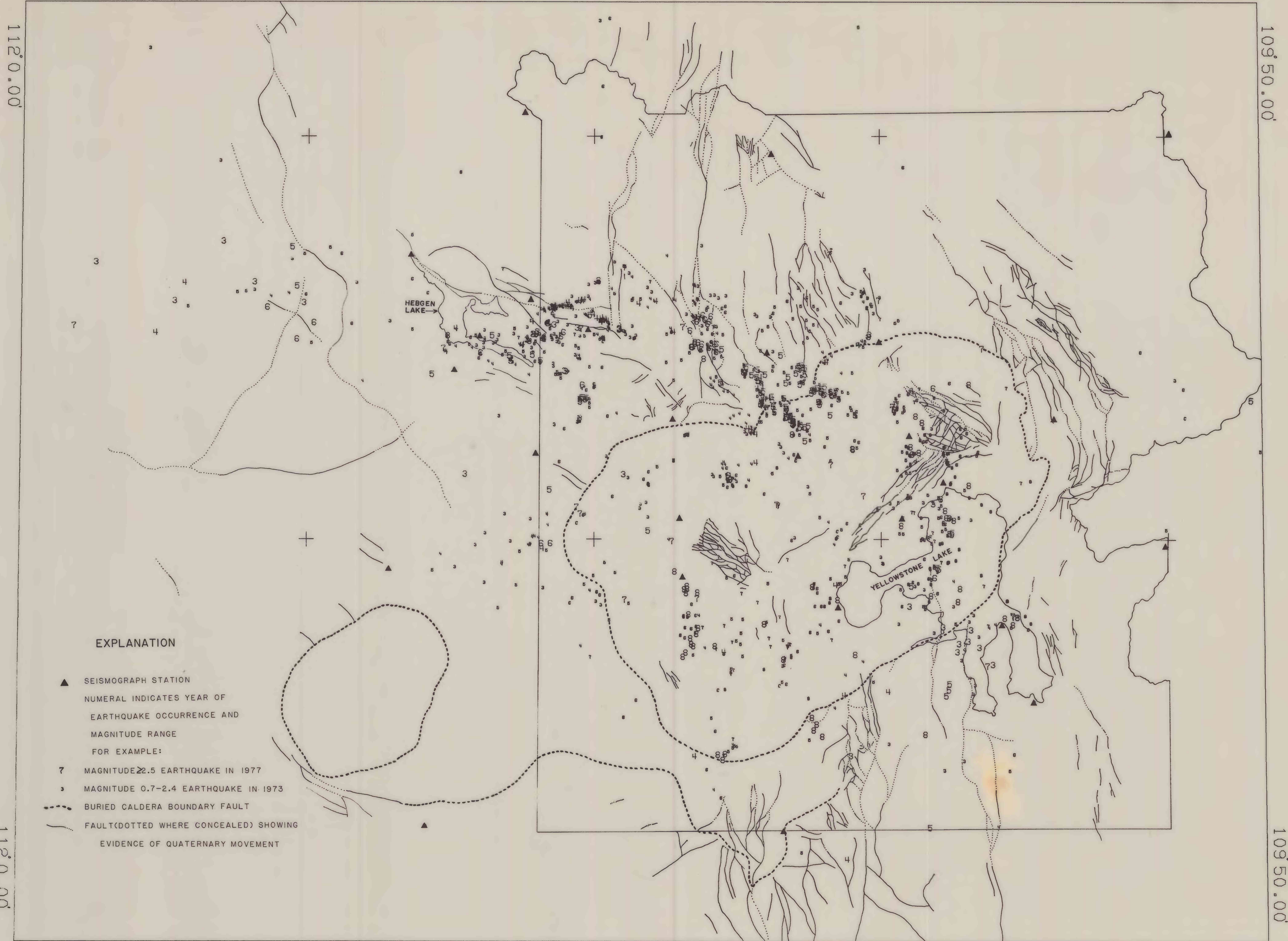


45° 10' 00"

45° 10' 00"

112° 0' 00"

109° 50' 00"



EXPLANATION

- ▲ SEISMOGRAPH STATION
- NUMERAL INDICATES YEAR OF EARTHQUAKE OCCURRENCE AND MAGNITUDE RANGE FOR EXAMPLE:
- 7 MAGNITUDE 2.5 EARTHQUAKE IN 1977
- 3 MAGNITUDE 0.7-2.4 EARTHQUAKE IN 1973
- - - BURIED CALDERA BOUNDARY FAULT
- - - FAULT (DOTTED WHERE CONCEALED) SHOWING EVIDENCE OF QUATERNARY MOVEMENT

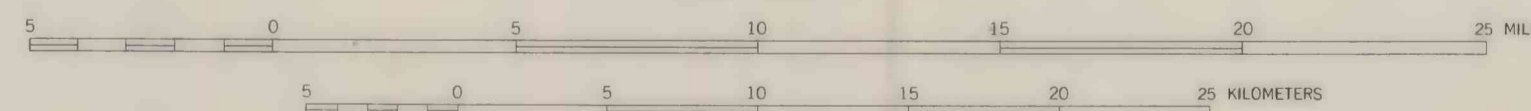
112° 0' 00"

109° 50' 00"

44° 0' 00"

44° 0' 00"

SCALE 1:250000



Data on faults from R.L. Christiansen and the Geologic Map of Yellowstone National Park

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

PRELIMINARY MAP OF EARTHQUAKE EPICENTERS IN YELLOWSTONE PARK AND VICINITY 1973-1978

by
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1979