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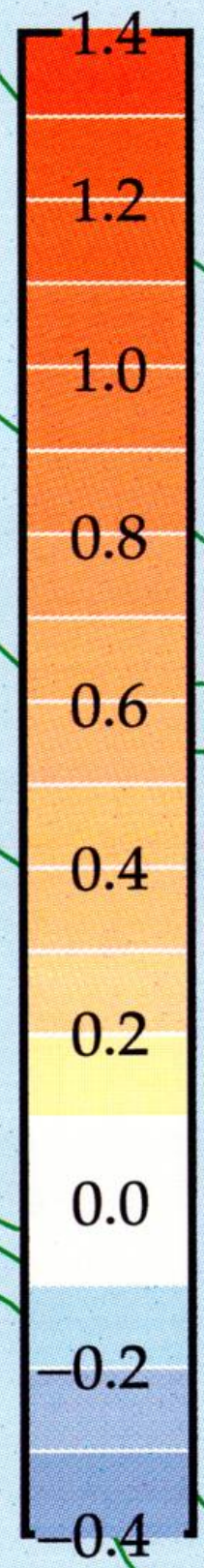
Permanent Ground Movement Associated with the 1992 M=7 Cape Mendocino Earthquake

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- Faults mapped by McLaughlin et al., *USGS Map*, 1994
- Thrust Fault modeled to have slipped 4 meters during the earthquake
- Leveling Bench Marks surveyed in 1992 by the National Geodetic Survey
- Leveling Bench Marks surveyed pre- and post-Earthquake
- Disturbed, Unstable, or Subsiding Leveling Bench Marks
- Global Positioning System Monuments occupied pre- and post-Earthquake by the U.S. Geological Survey
- Sites where coastal uplift was measured [Carver et al., *Geology*, 1994]
- Landslide, Soil Slump, or Rockfall
- Slump
- Tension Crack or Ridge Spreading
- Liquefaction
- Road Cracking
- Earthflow

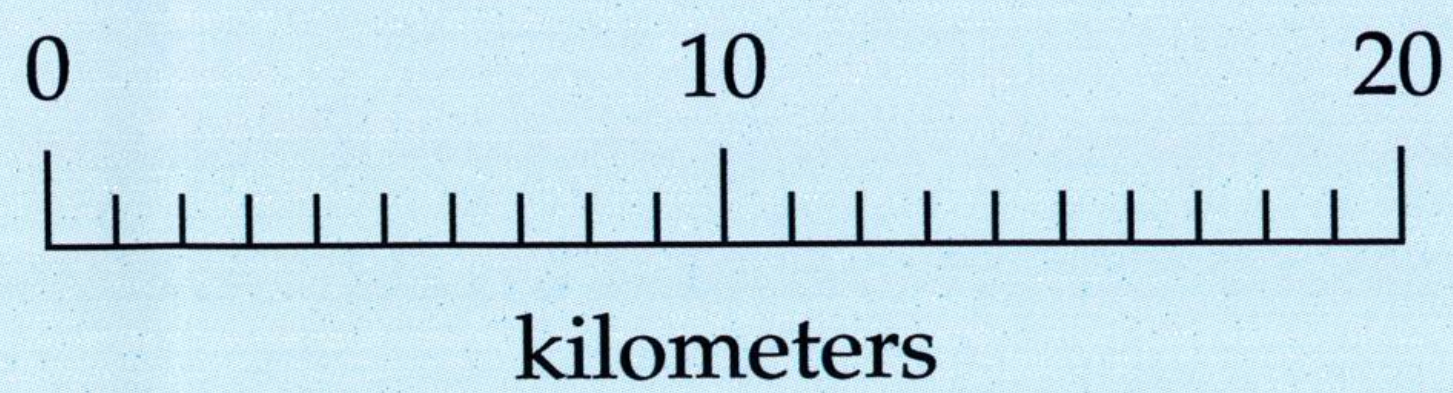
This map was funded by the Federal Emergency Management Agency, California State Office of Emergency Services, and the County of Humboldt. This report is preliminary, and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade, product or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government. Base map is a vectorized scan of the Cape Mendocino, Eureka, and Garberville 1:100,000-scale metric U.S.G.S. quadrangles.

Earthquake
Elevation
Change
(meters)



Earthquake
Magnitude

- M=7
- M=6
- M=5
- M=4
- M=1



124° 30'

124° 20'

124° 10'

123° 50'

Cascadia Megathrust

1992

1991

Heneydew

Garberville

Eureka

Fortuna

Rohnerville

Rio Dell

Scotts

Petaluma

40° 40'

40° 30'

40° 20'

40° 10'