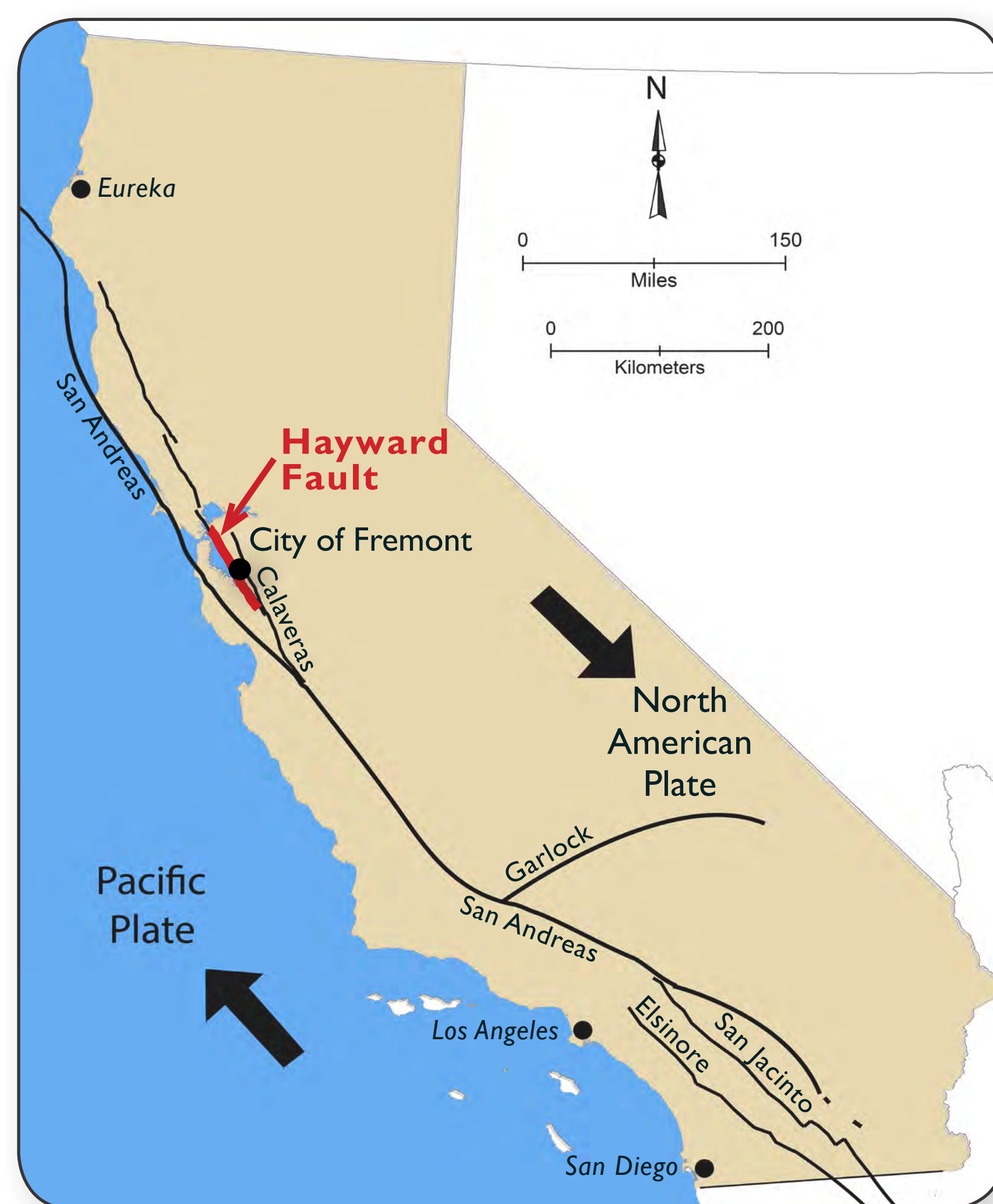
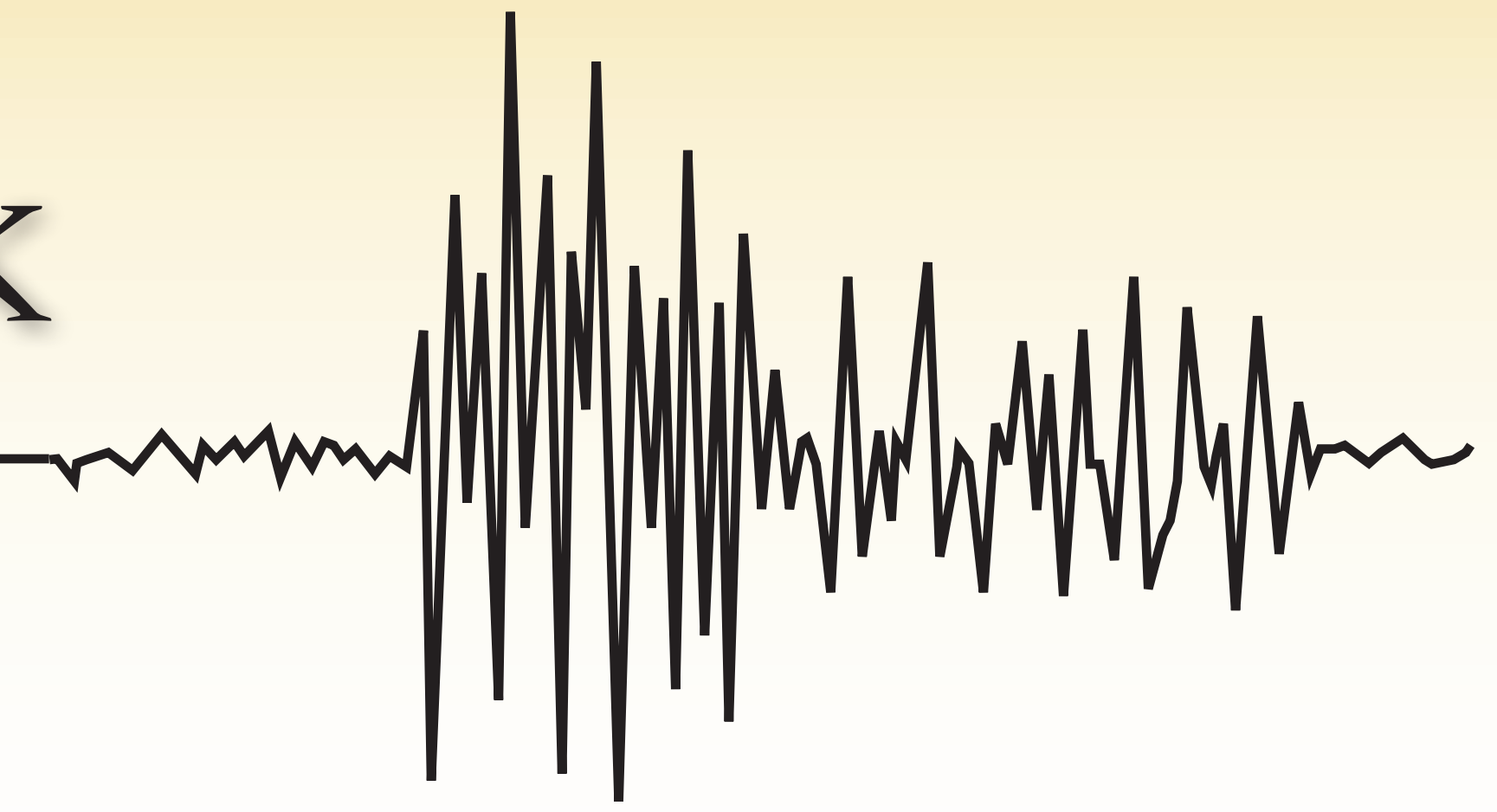


Earthquake Walk at Central Park

Earthquake Fault Features in Fremont Central Park



Major Fault Lines in California

The map above depicts several fault lines that exist in California. The Pacific Plate is moving north relative to the North American Plate, creating the San Andreas Fault System, which also includes the Hayward Fault.

In Fremont's Central Park, the movement on the Hayward Fault has caused cracks in asphalt and concrete. The rate of movement is around 5 millimeters per year in the Fremont area, which is enough to visibly move concrete within a few years. The topography of Fremont's Central Park was partially created by the Hayward Fault. Lake Elizabeth, a constructed lake, was a natural depression caused by movement on the fault.



Earthquake Exhibit

In 1962, the building known today as the Fremont Community Center was the original City Hall for the City of Fremont. The building was built on top of the Hayward Fault, and shows signs of creep from buckled beams and structural fractures. In 1972, the first sign of movement was found as a large crack in the council chamber. Today, the large crack continues to move.

***Imagine** you are lying on a couch watching television. Suddenly the television starts to rattle back and forth. At first you think it must be a large truck or a low flying plane. However, instead of fading away, the shaking gets stronger. Books and picture frames start falling off the walls. You try to stand, but the shaking is so strong that you cannot balance yourself. You end up on the floor and you hide under a strong table. Gradually the shaking stops and you can stand up again. You run outside. A nearby building has collapsed. Experiencing an earthquake of Magnitude 7 or higher is one of the most frightening events you may ever experience.*



The self-guided Earthquake Walk Tour will take you on a journey into earthquake territory. Visit the sign stations shown on the map to see fractures, uplifts, and learn about the changing landscape of Central Park caused by tectonic plate movement.