Cascadia subduction zone

Chaytor et al. (2004)
Nelson et al. (2004)

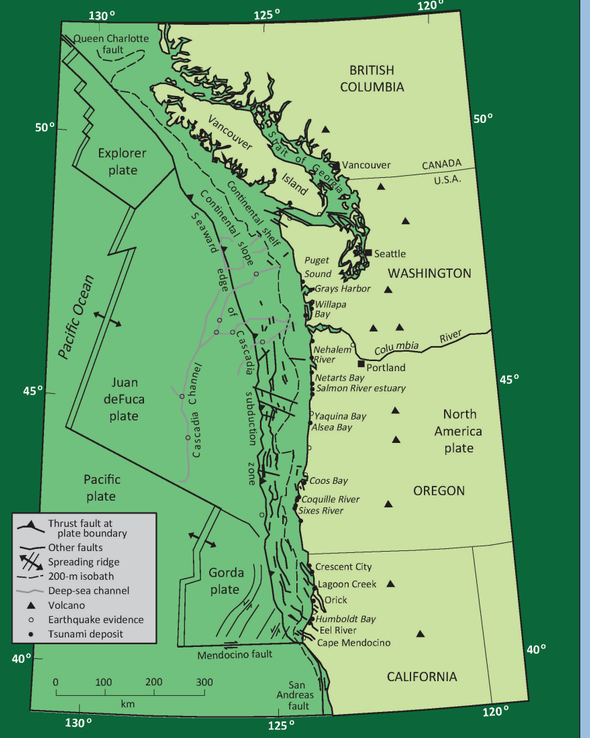
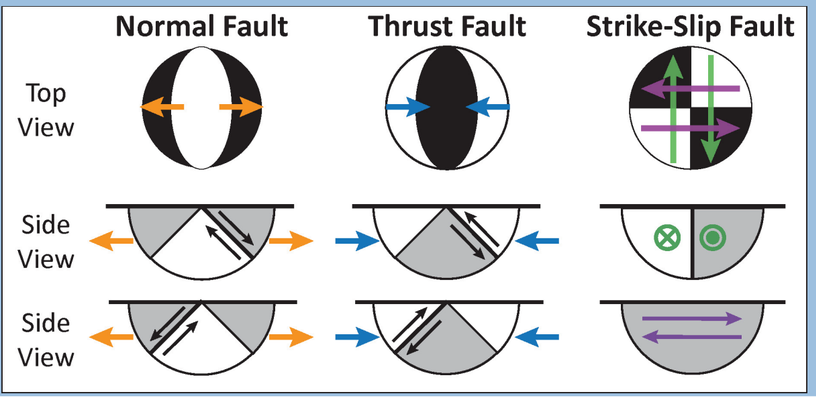


Plate configuration for the Cascadia subduction zone (CSZ). The Juan de Fuca and Gorda plates are subducting northeastwardly oblique beneath the North America plate at ~36 mm/yr in the Humboldt Bay region. Paleoseismic core sites (marine and terrestrial) are plotted as circles.



Pacific plate

Gorda plate

Cascadia subduction zone

Mendocino fault

Pacific plate

North America plate

2016.01.07

M 4.2

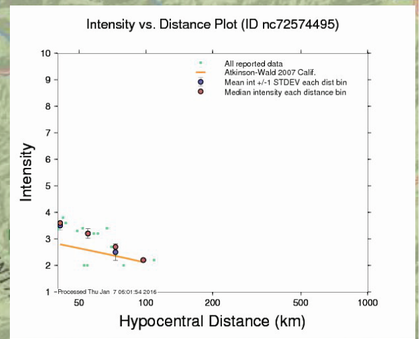
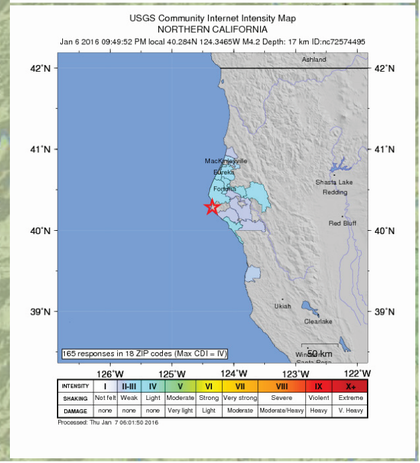
(45, 40, 100)

T

(212, 51, 82)

1103 m

San Andreas fault

10 km N

Earthquake Age
Hour Day Week Older