Earthquake Report: 2017 Cascadia subduction zone and Vicinity (& USGS Seismicity 1917-2017 M ≥ 2.5)

Jason R. Patton
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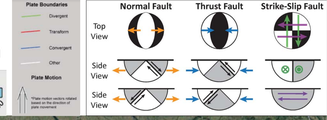
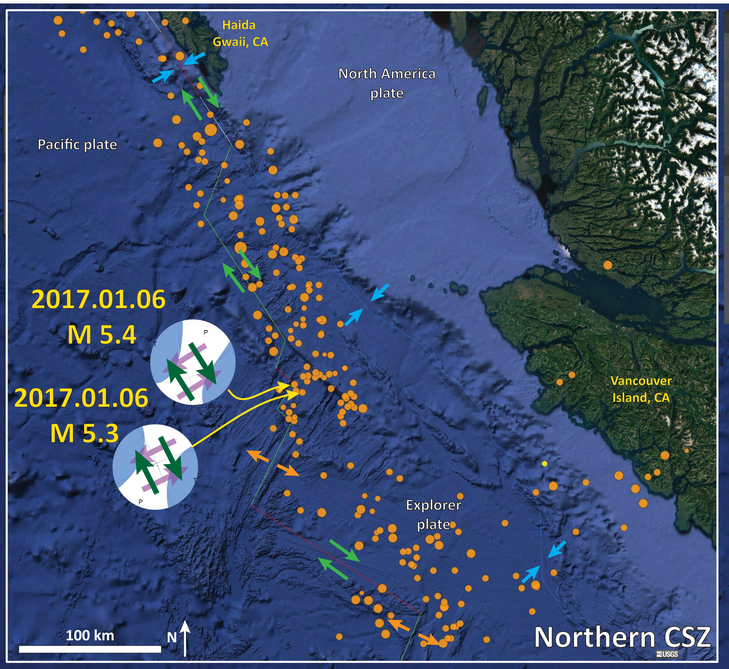
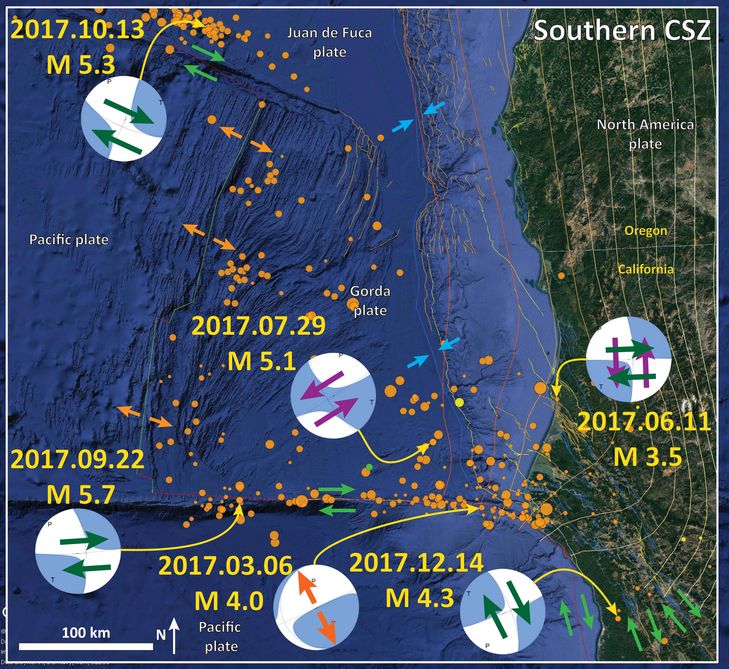
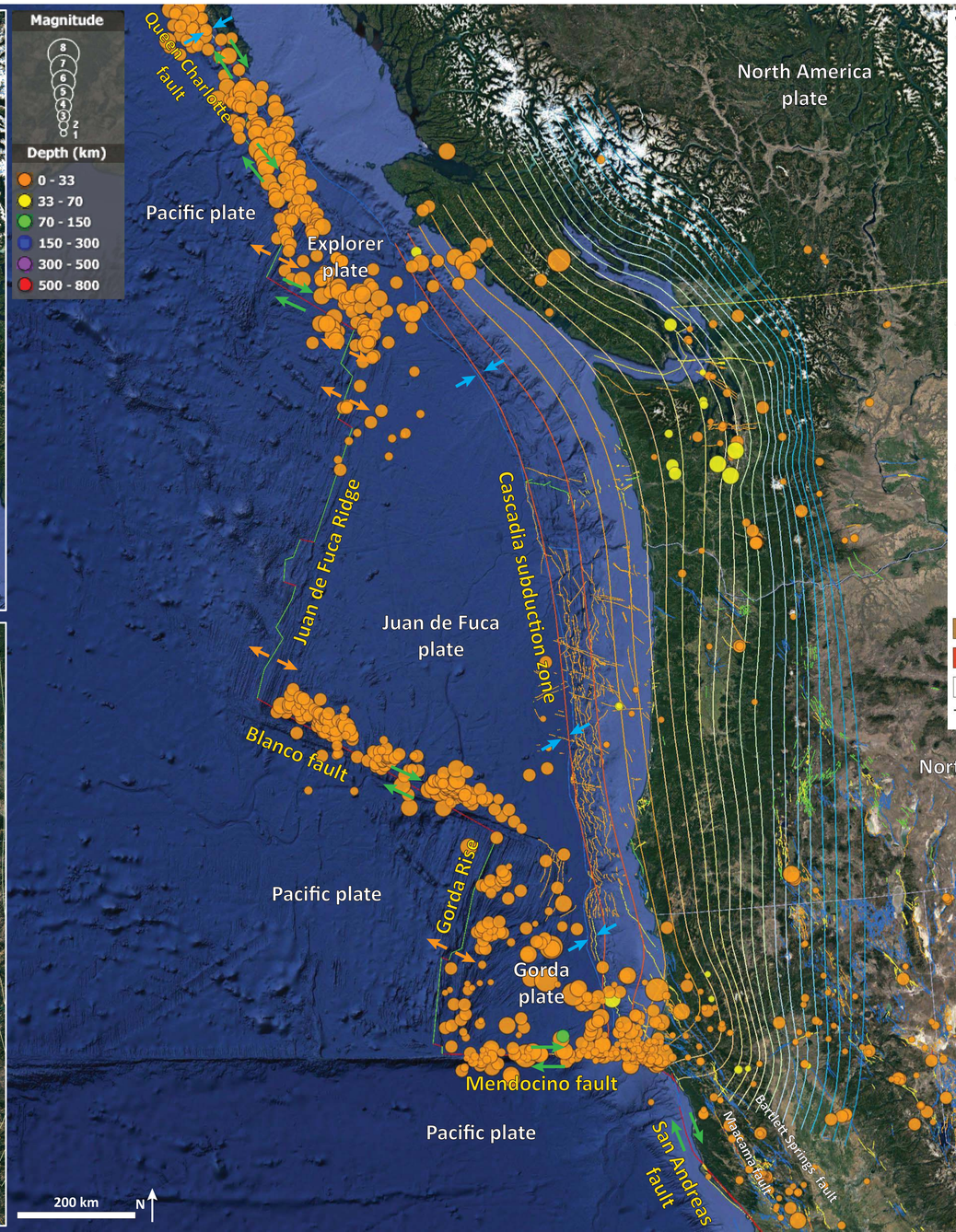
USGS Google Earth

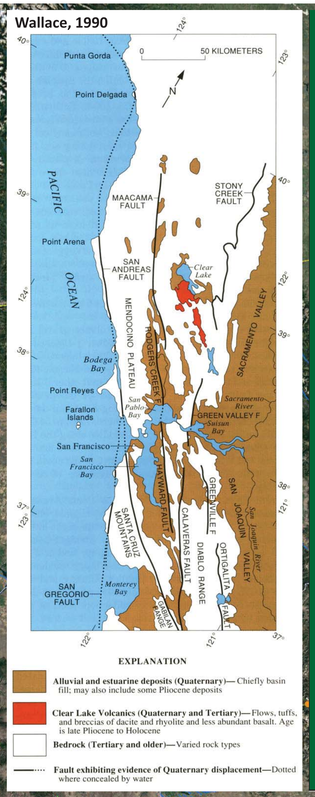
Depth to Slab (km)











Cascadia subduction zone

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

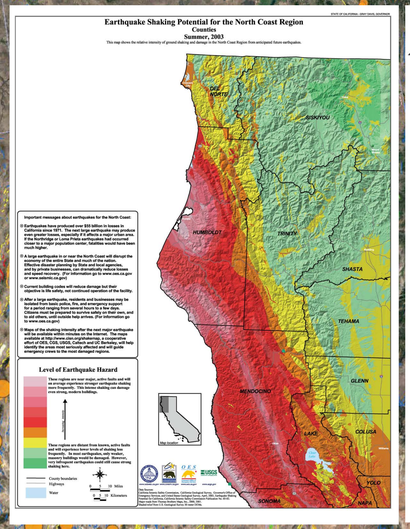
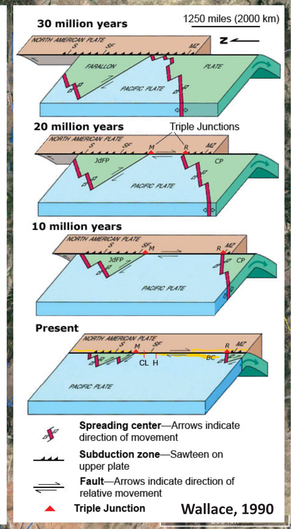



Plate configuration for the Cascadia subduction zone (CSZ). The Juan de Fuca and Gorda plates are subducting northeastwardly oblique beneath the North America plate at ~36 mm/yr in the Humboldt Bay region. Paleoseismic core sites (marine and terrestrial) are plotted as circles.