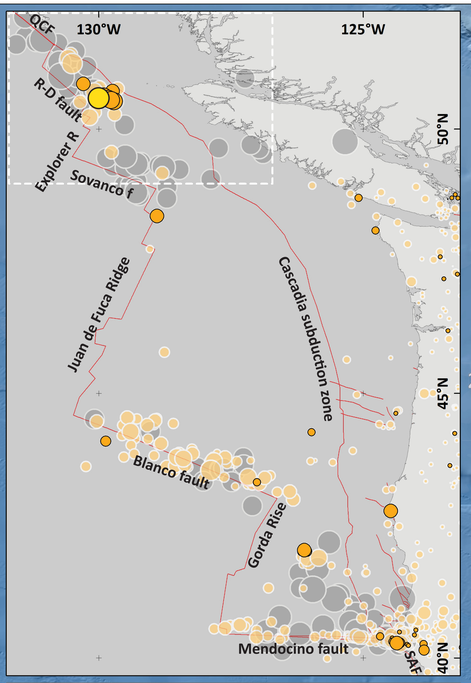
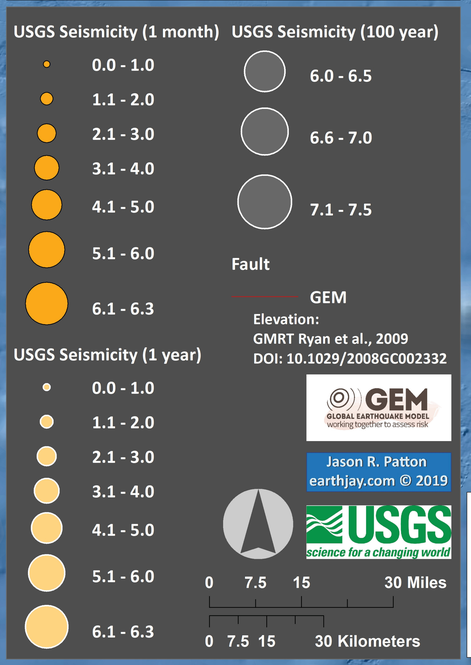
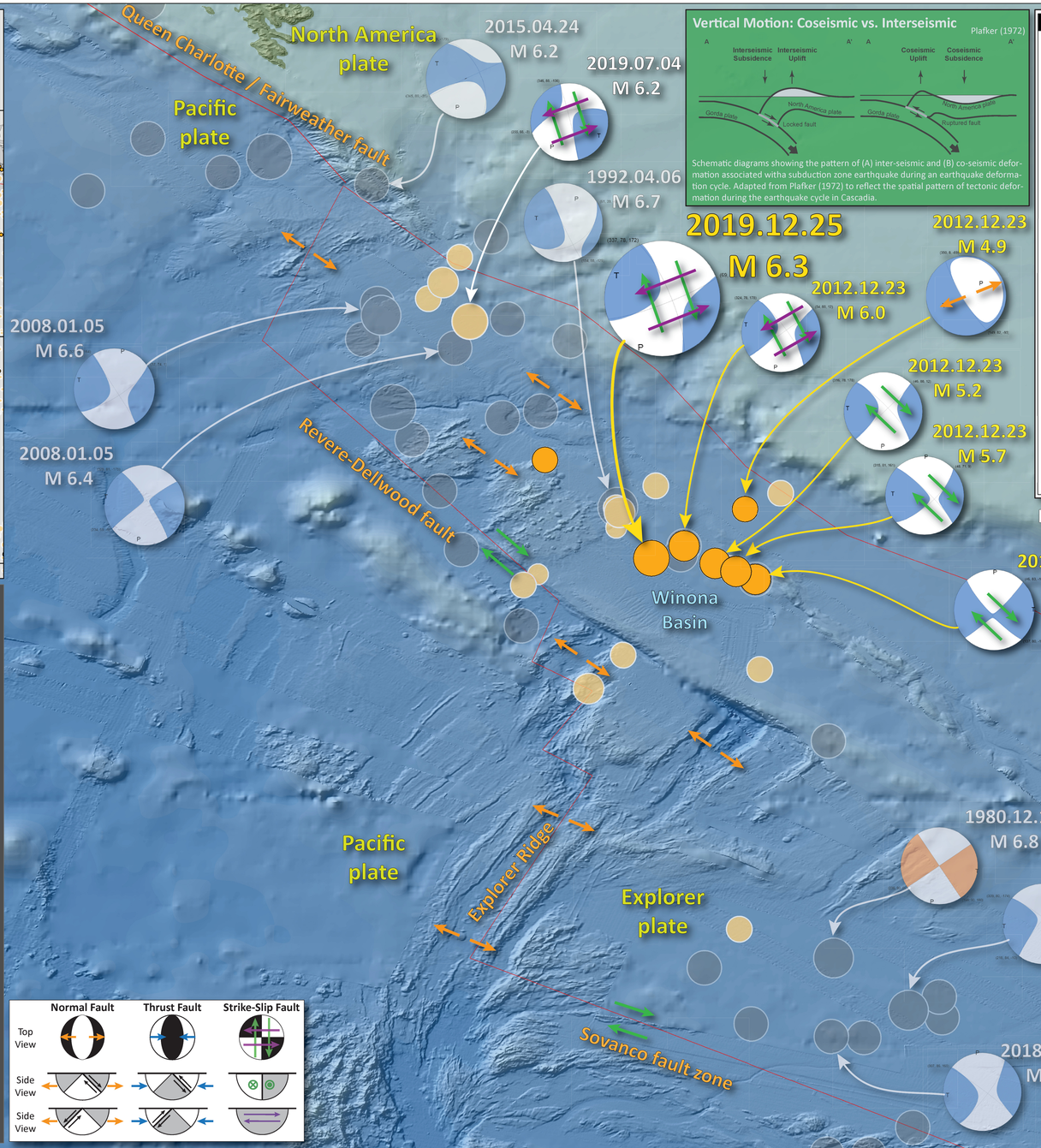
Earthquake Report: 2019.02.23-25

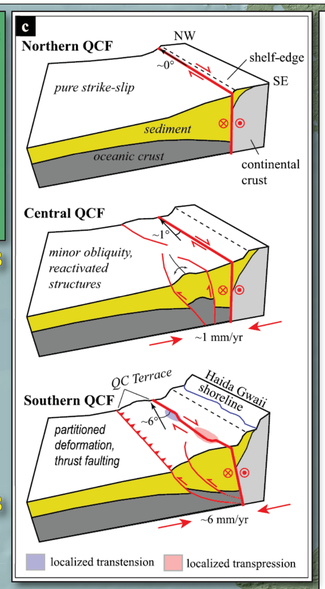
M 6,6,6.3 Winona Basin (& USGS Seismicity 1919-2019 M ≥ 6.0)



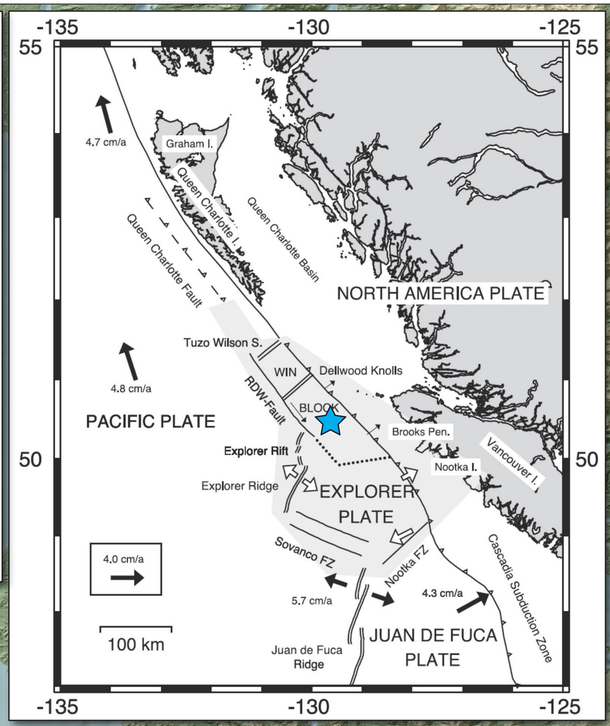




Schematic diagrams showing the pattern of (A) inter-seismic and (B) co-seismic deformation associated witha subduction zone earthquake during an earthquake deformation cycle. Adapted from Plafker (1972) to reflect the spatial pattern of tectonic deformation during the earthquake cycle in Cascadia.



Brothers et al., 2020



Braunmiller & Nabalek, 2002

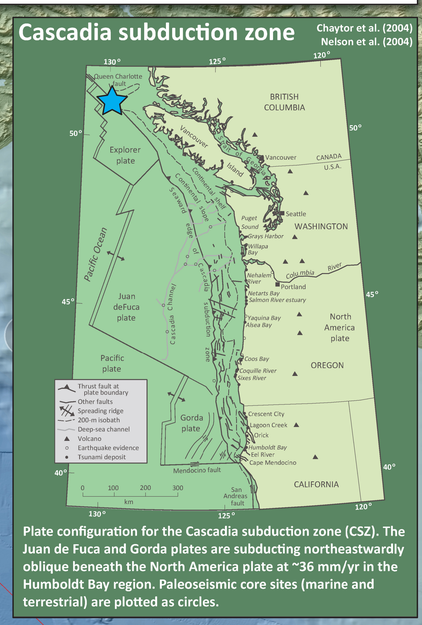


Plate configuration for the Cascadia subduction zone (CSZ). The Juan de Fuca and Gorda plates are subducting northeastwardly oblique beneath the North America plate at ~36 mm/yr in the Humboldt Bay region. Paleoseismic core sites (marine and terrestrial) are plotted as circles.