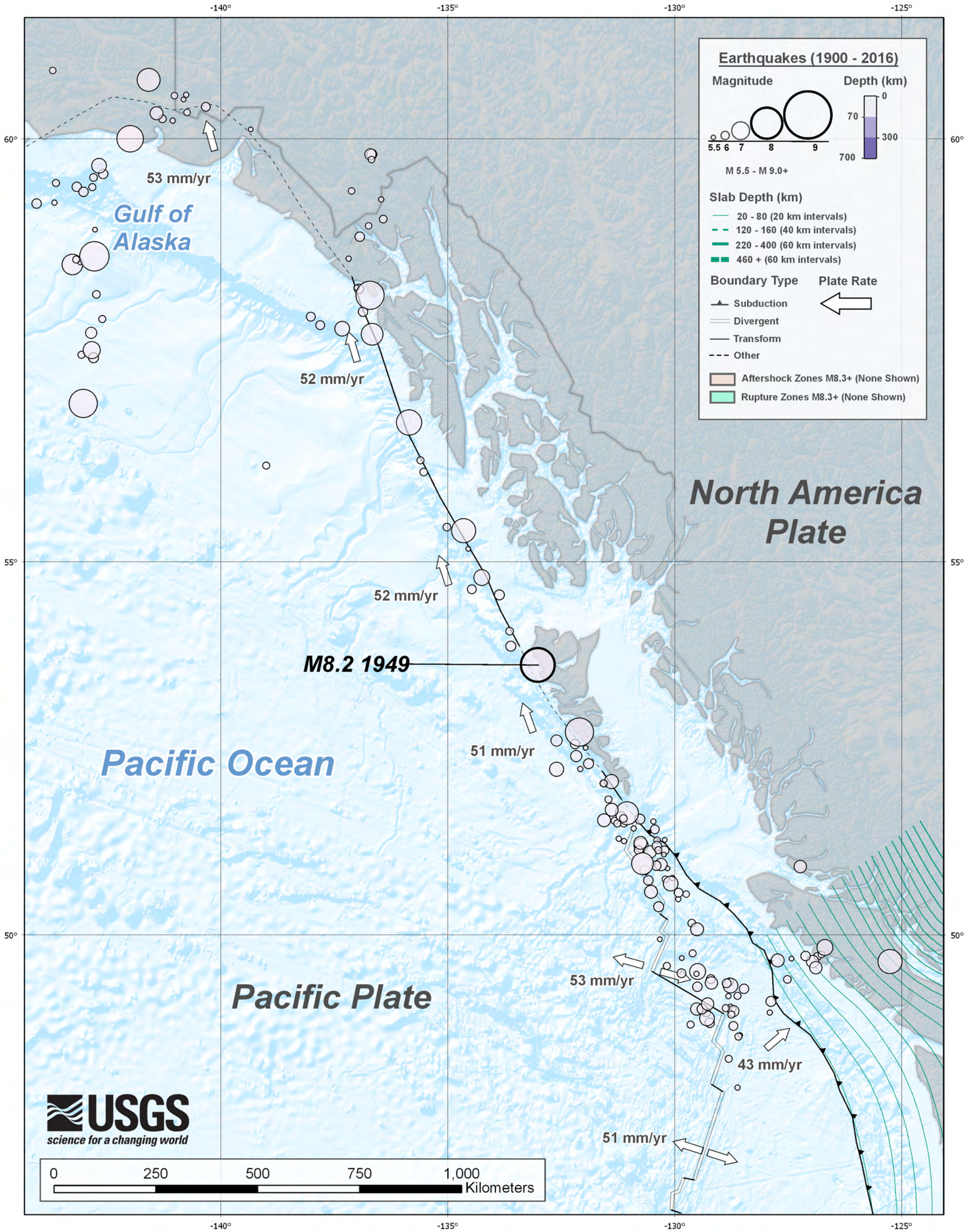
-140°
-135°
-130°
-125°
60°
55°
50°
Earthquakes (1900 - 2016)
Magnitude
Depth (km)
0
70
300
700
5.5 6 7 8 9
M 5.5 - M 9.0+
Slab Depth (km)
20 - 80 (20 km intervals)
120 - 160 (40 km intervals)
220 - 400 (60 km intervals)
460 + (60 km intervals)
Boundary Type
Plate Rate
Subduction
Divergent
Transform
Other
Aftershock Zones M8.3+ (None Shown)
Rupture Zones M8.3+ (None Shown)
53 mm/yr
Gulf of Alaska
52 mm/yr
North America Plate
52 mm/yr
M8.2 1949
51 mm/yr
Pacific Ocean
53 mm/yr
Pacific Plate
43 mm/yr
51 mm/yr
USGS
science for a changing world
0 250 500 750 1,000
Kilometers