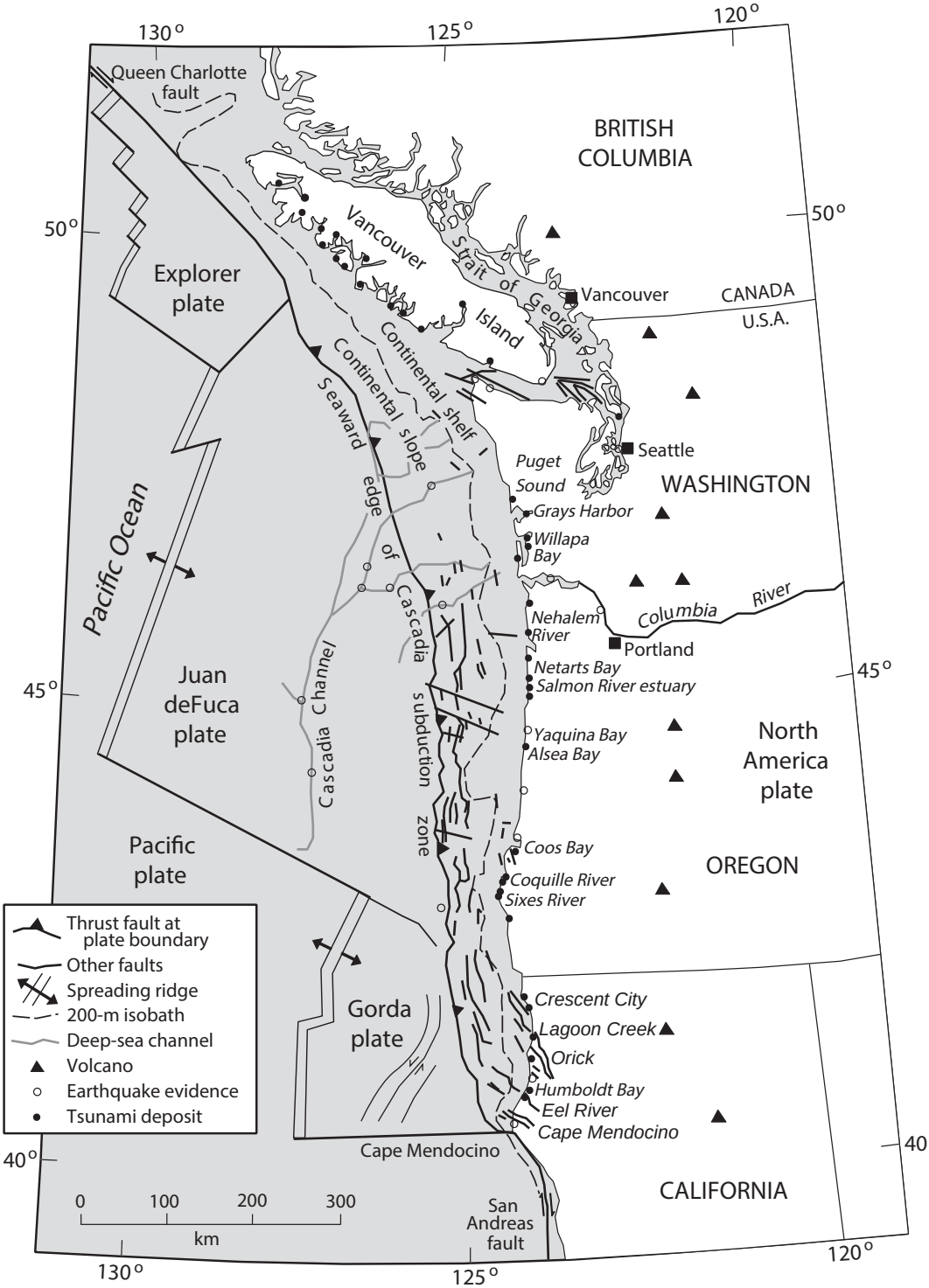
130°
125°
120°
50°
45°
40°
Queen Charlotte fault
BRITISH COLUMBIA
Vancouver Island
Strait of Georgia
Vancouver
CANADA
U.S.A.
Explorer plate
Continental shelf
Continental slope
Seaward edge of Cascadia subduction zone
Seattle
Puget Sound
WASHINGTON
Grays Harbor
Willapa Bay
Pacific Ocean
Columbia River
Nehalem River
Portland
Netarts Bay
Salmon River estuary
Juan deFuca plate
Cascadia Channel
Yaquina Bay
Alsea Bay
North America plate
Pacific plate
Coos Bay
Coquille River
Sixes River
OREGON
Thrust fault at plate boundary
Other faults
Spreading ridge
200-m isobath
Deep-sea channel
Volcano
Earthquake evidence
Tsunami deposit
Gorda plate
Crescent City
Lagoon Creek
Orick
Humboldt Bay
Eel River
Cape Mendocino
Cape Mendocino
CALIFORNIA
0 100 200 300
km
San Andreas fault