

Earthquake Report: 2017.03.02

M 5.5 Alaska

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USGS Google Earth

Depth to Slab (km)

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700

Magnitude

0 - 3.3
3.3 - 7.0
7.0 - 150
150 - 300
300 - 500
500 - 800

Plate Boundaries

Divergent
Transform
Convergent
Other

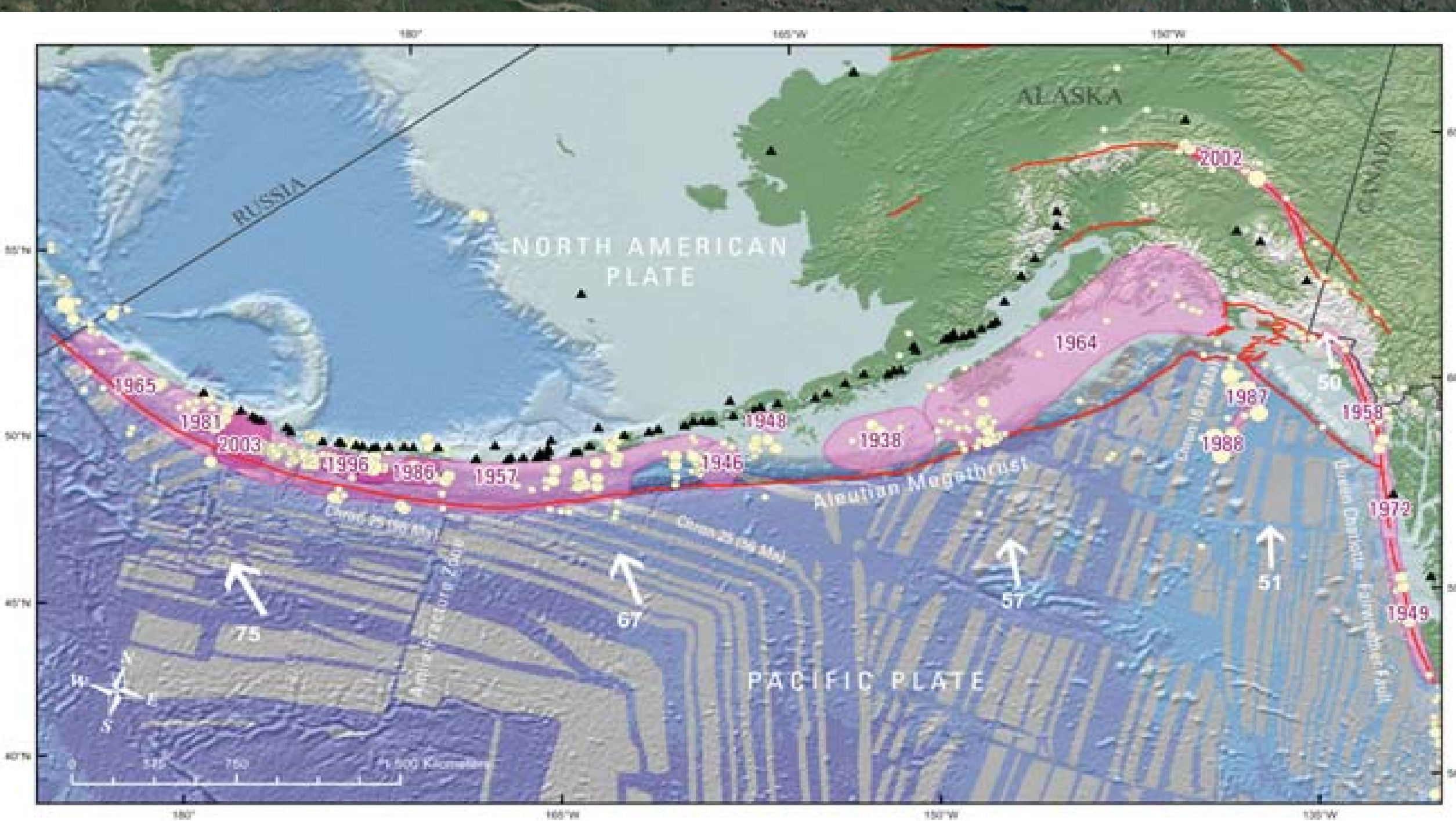
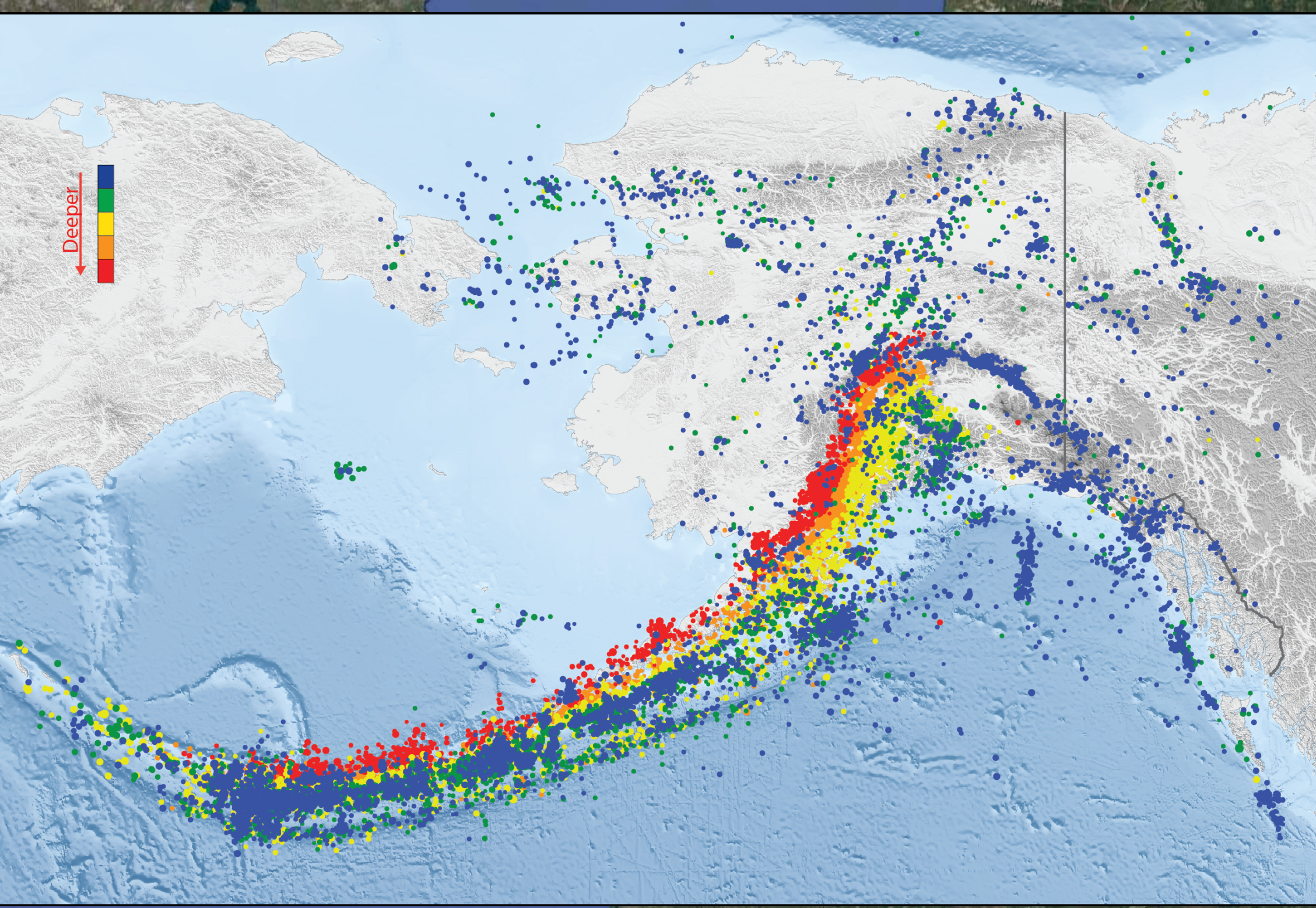
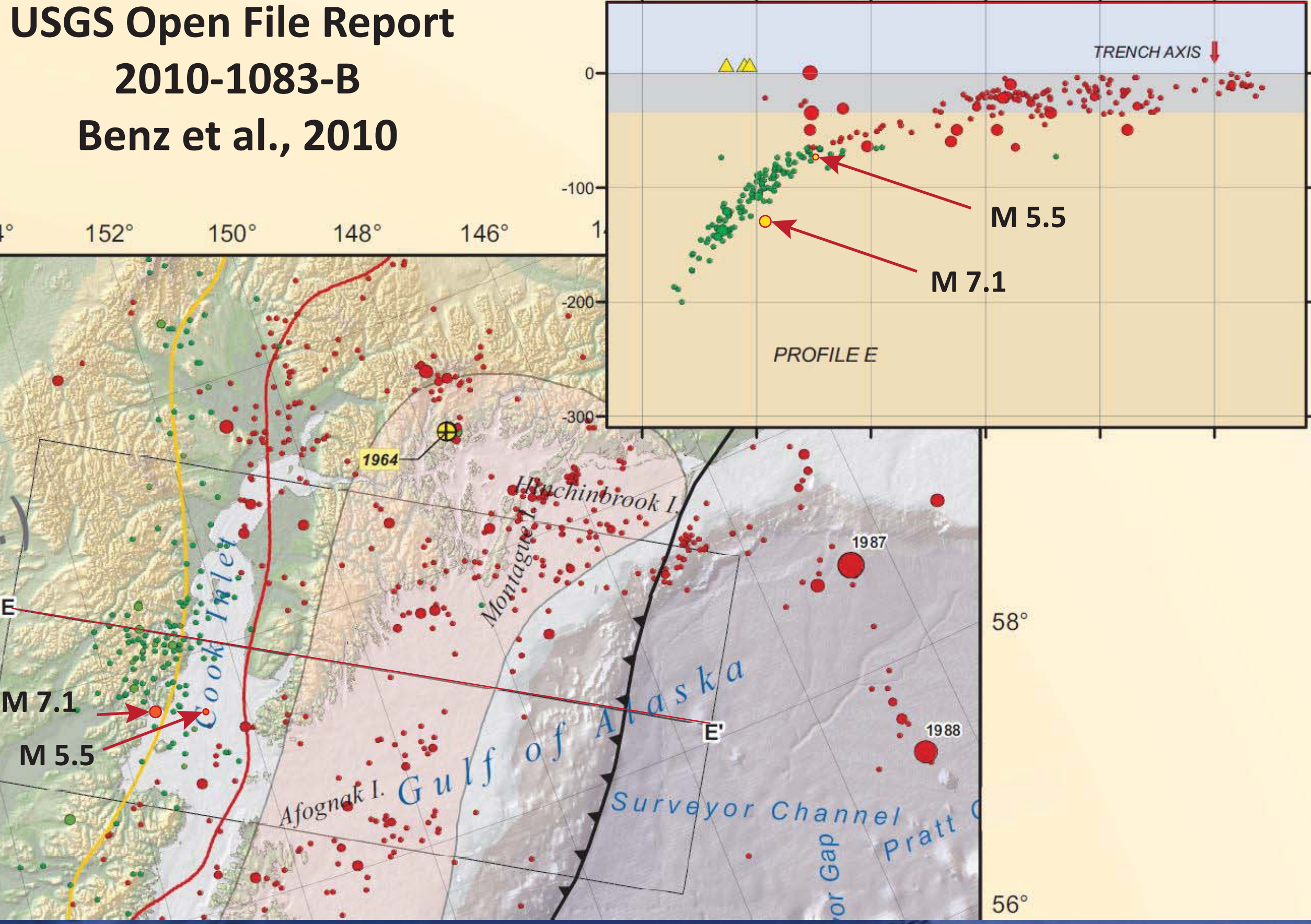
Plate Motion

Normal Fault
Thrust Fault
Strike-Slip Fault

Top View
Side View
Side View

	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Damage	None	None	None	Very slight	Light	Moderate	Moderate/heavy	Heavy	Very heavy
Peak Acc	<0.17	0.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
Peak Vel	<0.1	0.1-1.1	1.1-3.4	3.4-8.1	8.1-16	16-31	31-60	60-116	>116

Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)



Dr. Peter Haeussler, USGS

