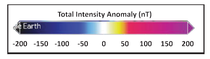
Earthquake Report: 2018.08.15
M 6.6 Aleutians (& USGS Seismicity 1918-2018 M ≥ 6.6)



CIRES



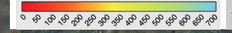
USGS Quaternary Fault and Fold Database
- Historic
- Holocene / Latest Pleistocene
- Late Quaternary
- Mid-Late Quaternary
- Quaternary

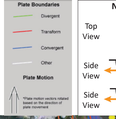
USGS

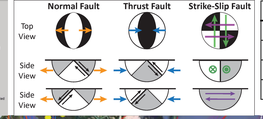


Jason R. Patton
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USGS Google Earth

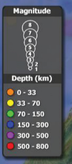


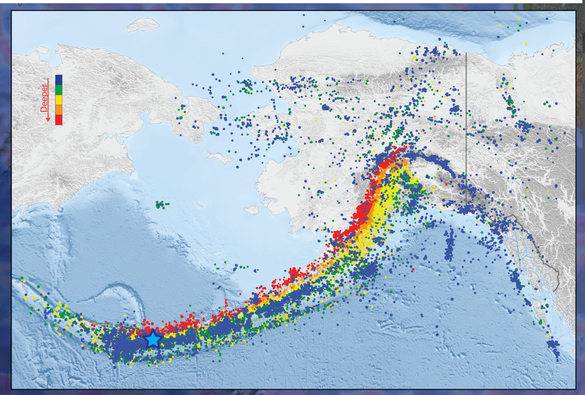




INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Damage	None	None	None	Very slight	Light	Moderate	Moderate/ heavy	Heavy	Very heavy
Peak Acc	<0.17	0.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
Peak Vel	<0.1	0.1- 1.1	1.1-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





1997.12.05
M 7.8

Komandorsky Basin

Shirshov Ridge

Alpha fracture zone

Bering fracture zone

PA-NA

2017.07.17
M 7.7

2007.12.19
M 7.2

2003.11.17
M 7.8

Kuril/Kamchatka Trench

Bering Kresla shear zone

PA-OK

Emperor Seamount Chain

1965.02.04
M 8.7

1965.03.30
M 7.6

Bowers Ridge

2018.08.15
M 6.6

1996.06.10
M 7.9

1957.03.09
M 8.6

1986.05.07
M 8.0

2016.01.24
M 7.1

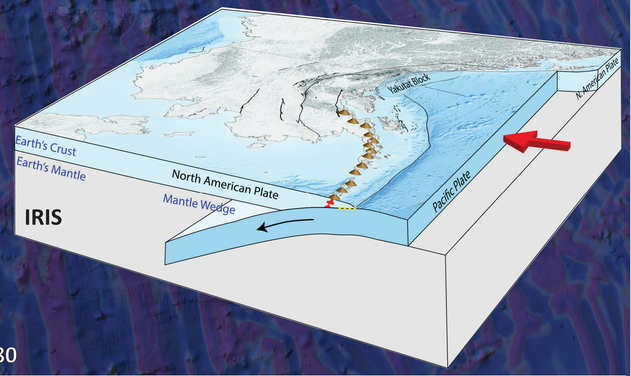
North America plate

Alaska Trench

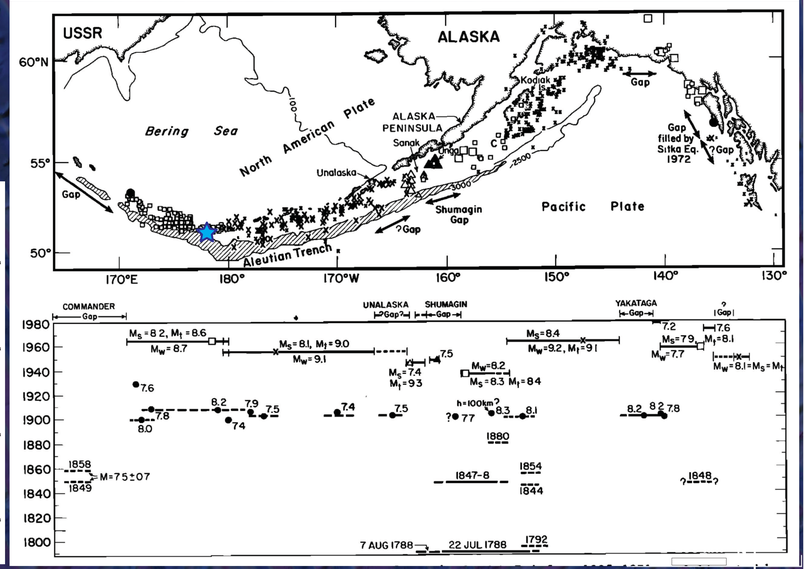
Aleutian Trench

Pacific plate

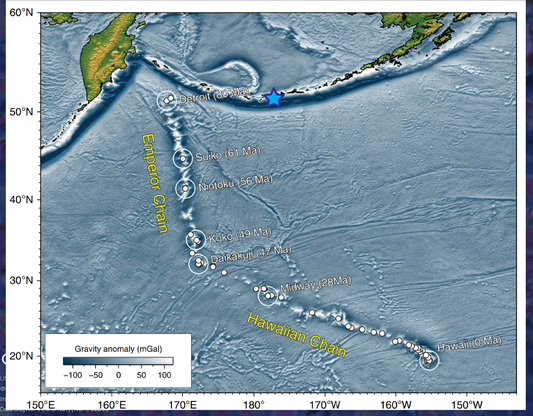
2018.01.23
M 7.9



Sykes et al., 1980



Torsvik et al., 2017



Rat Islands fracture zone

Adak fracture zone

Amlia fracture zone

Hauessler et al., 2014

