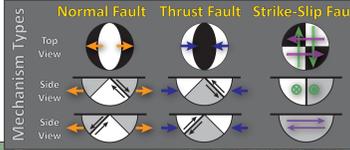
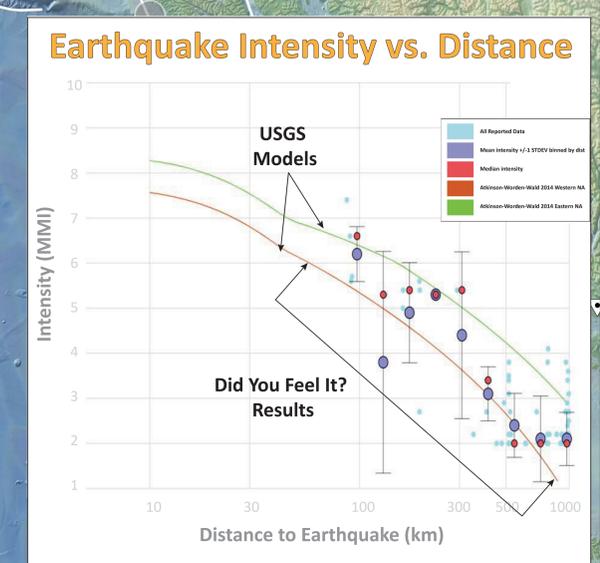
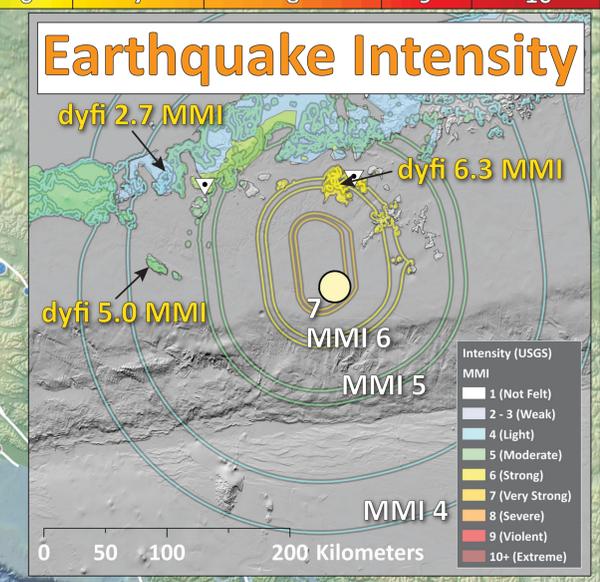
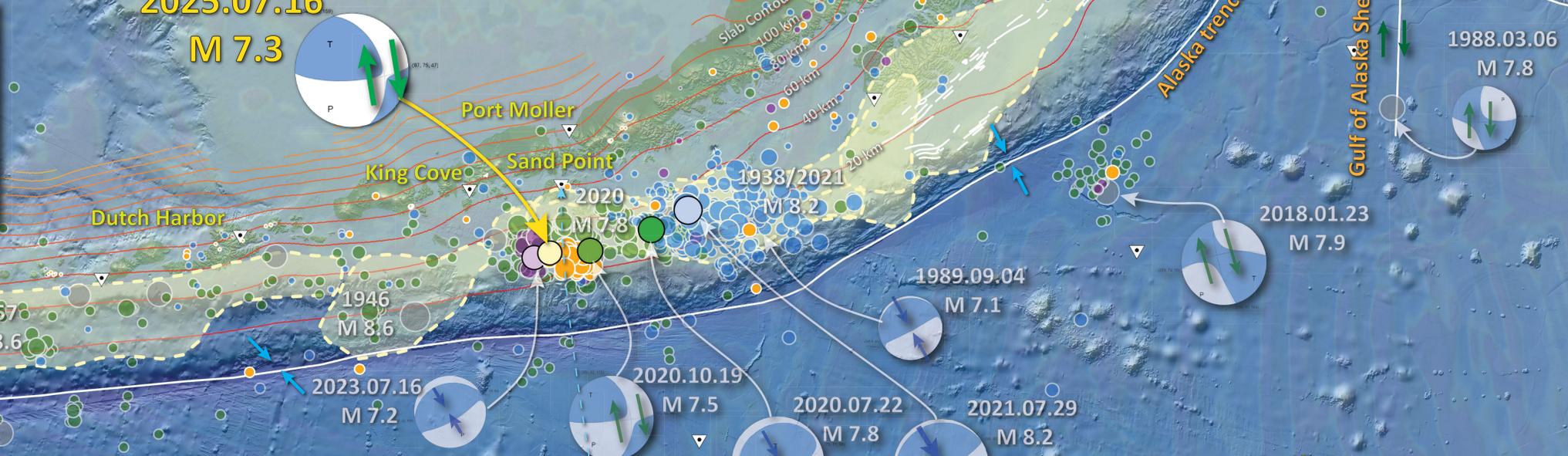
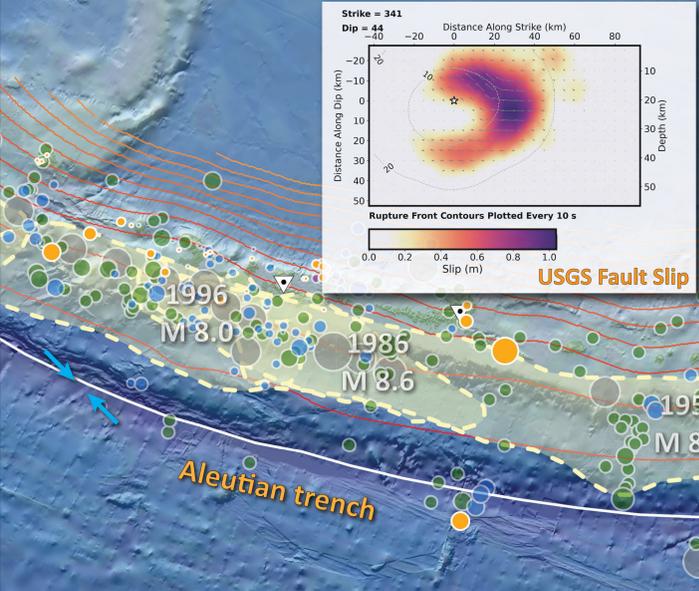
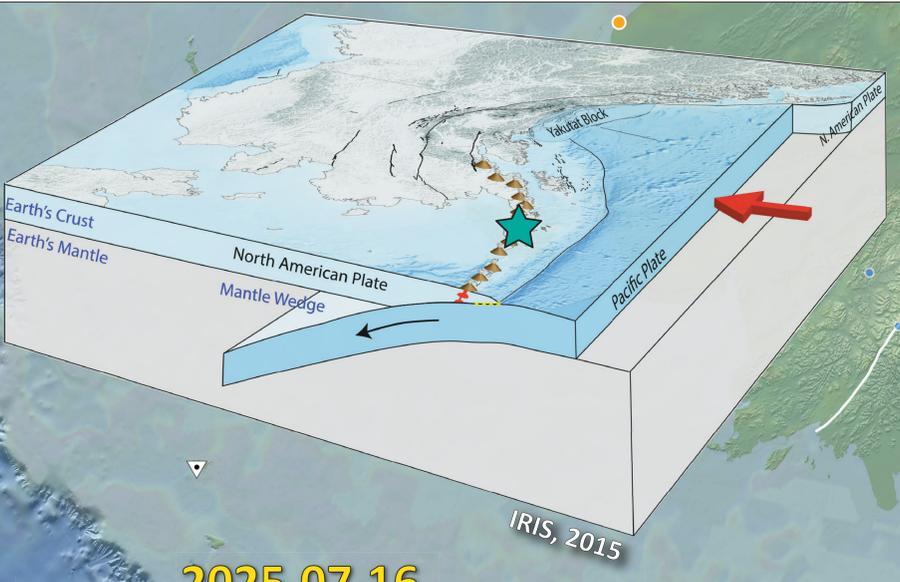
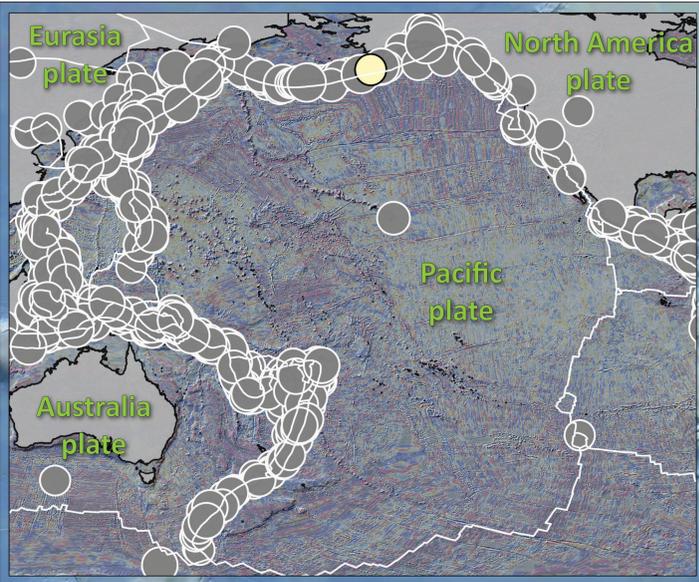


Earthquake Report: 2025.07.16

M 7.3 offshore of Alaska (& USGS Seismicity 1925-2025 M ≥ 7.0)



SHAKING	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
DAMAGE	Note	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
PGA (%g)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV (cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	1	2-3	4	5	6	7	8	9	10



16 July '25 M 7.3

'25 M7.3 Seismicity (USGS - 7 day) magnitude

- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 7.3

16 July '23 M 7.2

Seismicity (USGS - 2 day) magnitude

- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 7.2

22 July '20 M 7.8

'20 M7.8 Seismicity (USGS - 3 month) Magnitude

- 3.0 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 7.0
- 7.1 - 7.8

29 July '21 M 8.2

'21 M 8.2 Seismicity (USGS - 2 day) magnitude

- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 7.0
- 7.1 - 8.2

Seismicity (USGS - 1 century) magnitude

- 7.0 - 7.5
- 7.6 - 8.0
- 8.1 - 8.5
- 8.6 - 9.0
- 9.1 - 9.5

Historic Extent (dashed line)
Sea Level Sensor (inverted triangle)

Total Intensity Anomaly (nT)

Depth to Slab (km)

Topography: Ryan et al., 2009
doi: 10.1594/IEDA.100001

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