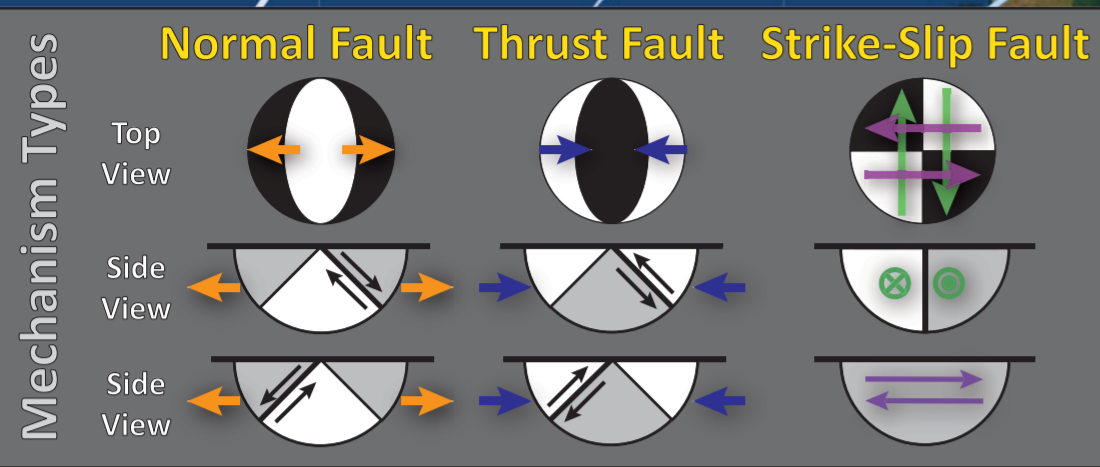


Earthquake Alaska



CLOSE

Epicenter

Earthquakes (1900 - 2015)

Magnitude

- 4.5 - 5.0
- 5.0 - 6.0
- 6.0 - 7.0
- 7.0 - 8.0
- > 8.0

Depth (km)

- < 70
- 70 - 300
- > 300

Intensity

Intensity Contour

DYFI Geocoded Area

Tectonic Plates

US Faults

2014.08.14
M 6.9



2014.07.29
M 8.2



dyfi 5 dyfi 3

MMI 6
MMI 5
MMI 4

MMI 3

Alaska trench

Pacific plate

North America plate

Jason R. Patton
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50 km N ↑

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