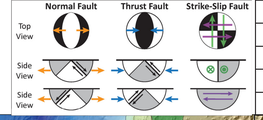
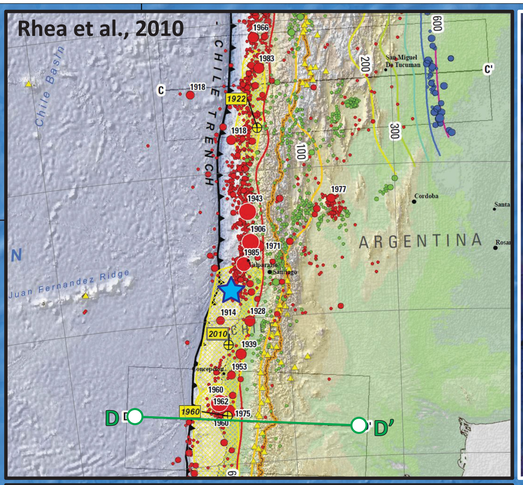
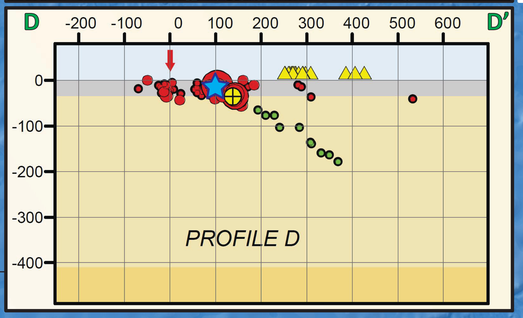
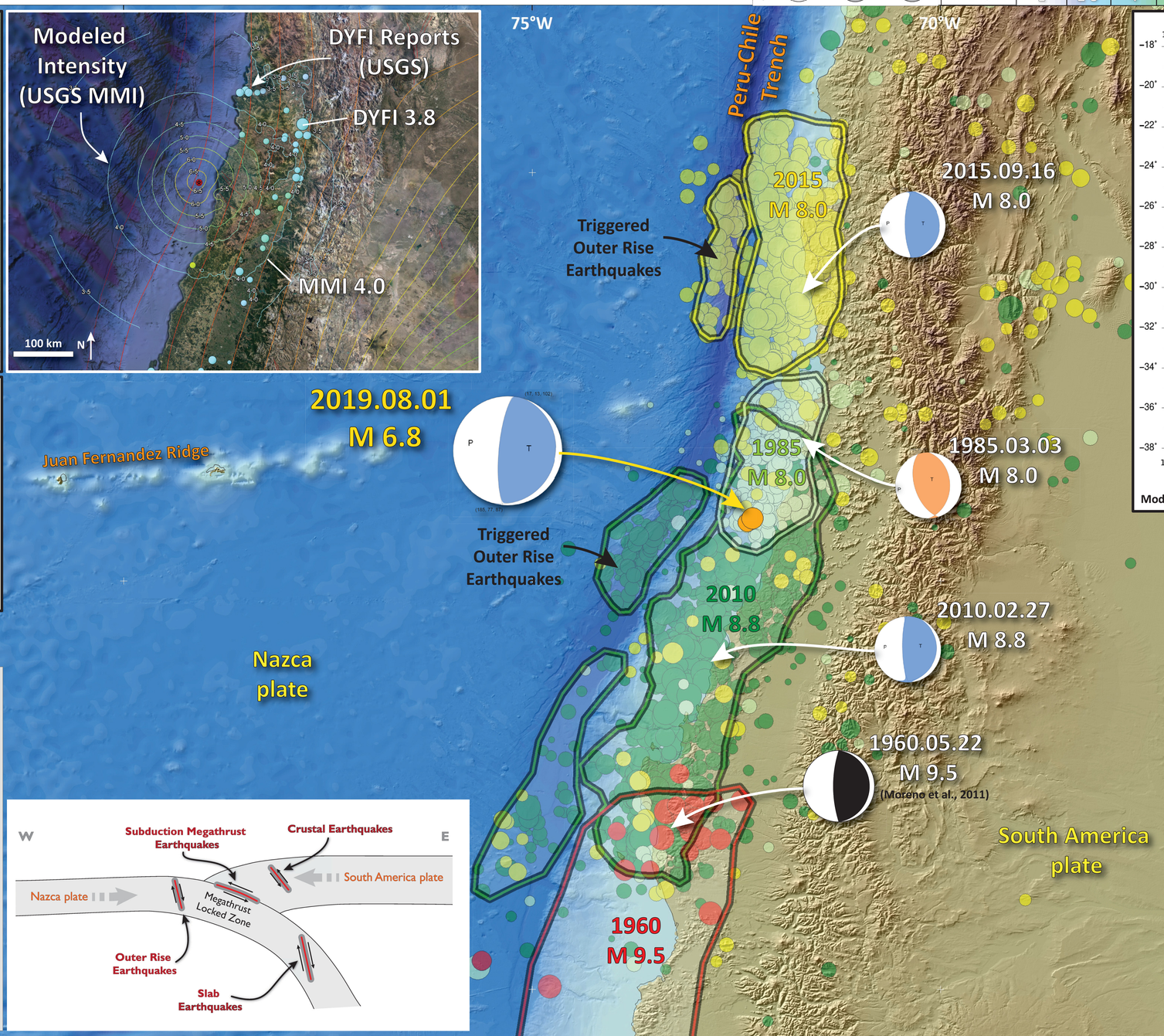
Earthquake Report: 2019.08.01
M 6.8 Chile (& select USGS Seismicity 1919-2019)

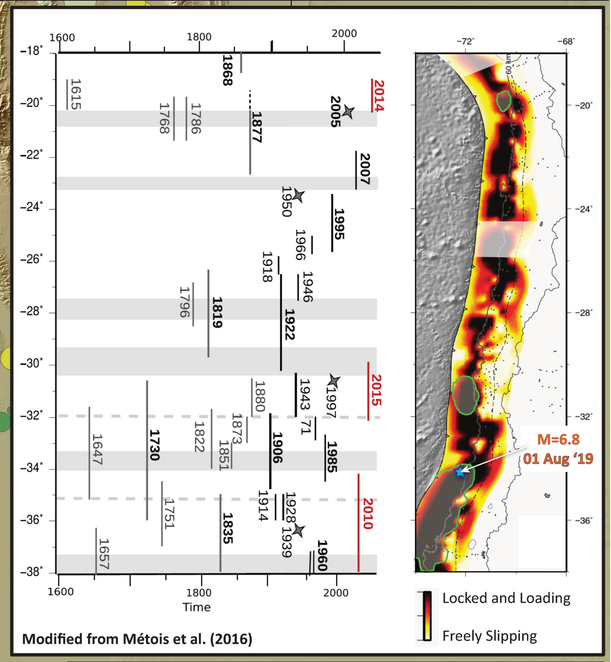


SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	1	2-3	4	5	6	7	8	9	10+

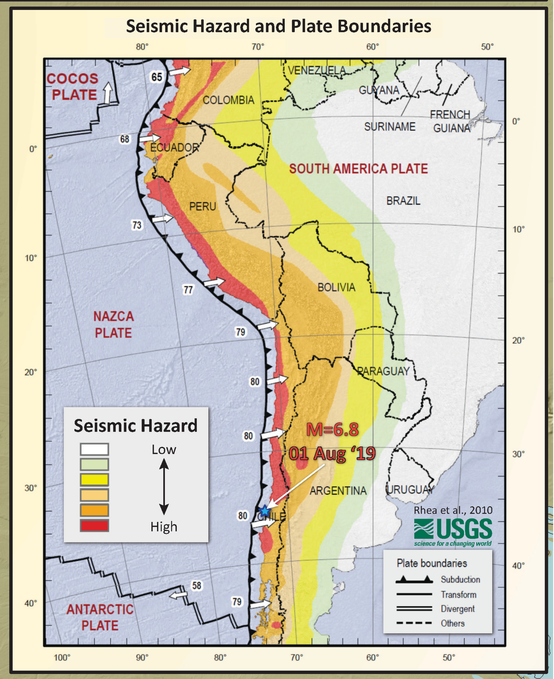








Modified from Métois et al. (2016)



Seismicity M > 5.5 (1 month, USGS)

- 5.8
- 5.9 - 6.8

Historic Earthquake Rupture Date

- 2015.09.16
- 2010.02.27
- 1985.03.03
- 1960.05.22

Elevation: GMRT (GeoMapApp)

Jason R. Patton
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USGS science for a changing world

0 60 120 240 Miles

0 87.5 175 350 Kilometers