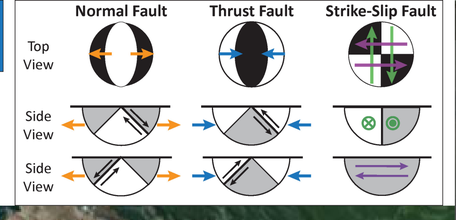
Earthquake Report: 2019.01.20
M 6.7 Chile (& USGS Seismicity 1919-2019 M ≥ 6.5)

Jason R. Patton
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Nazca plate

South America plate

Peru-Chile Trench

2014.04.01
M 8.2
Z-SA

2014

2007.11.14
M 7.7

2007

2006.04.30
M 6.7
NZ-SA

2006

1922.11.11
M 8.3

2019.01.20
M 6.7
P
T

2015.09.16
M 8.3

2015

Juan Fernandez Ridge

1985.03.03
M 8.0

2017

1985

NZ-SA

2010.02.27
M 8.8

2010

1960.05.22
M 9.5

1960

Valdivia fracture zone

NZ-SA

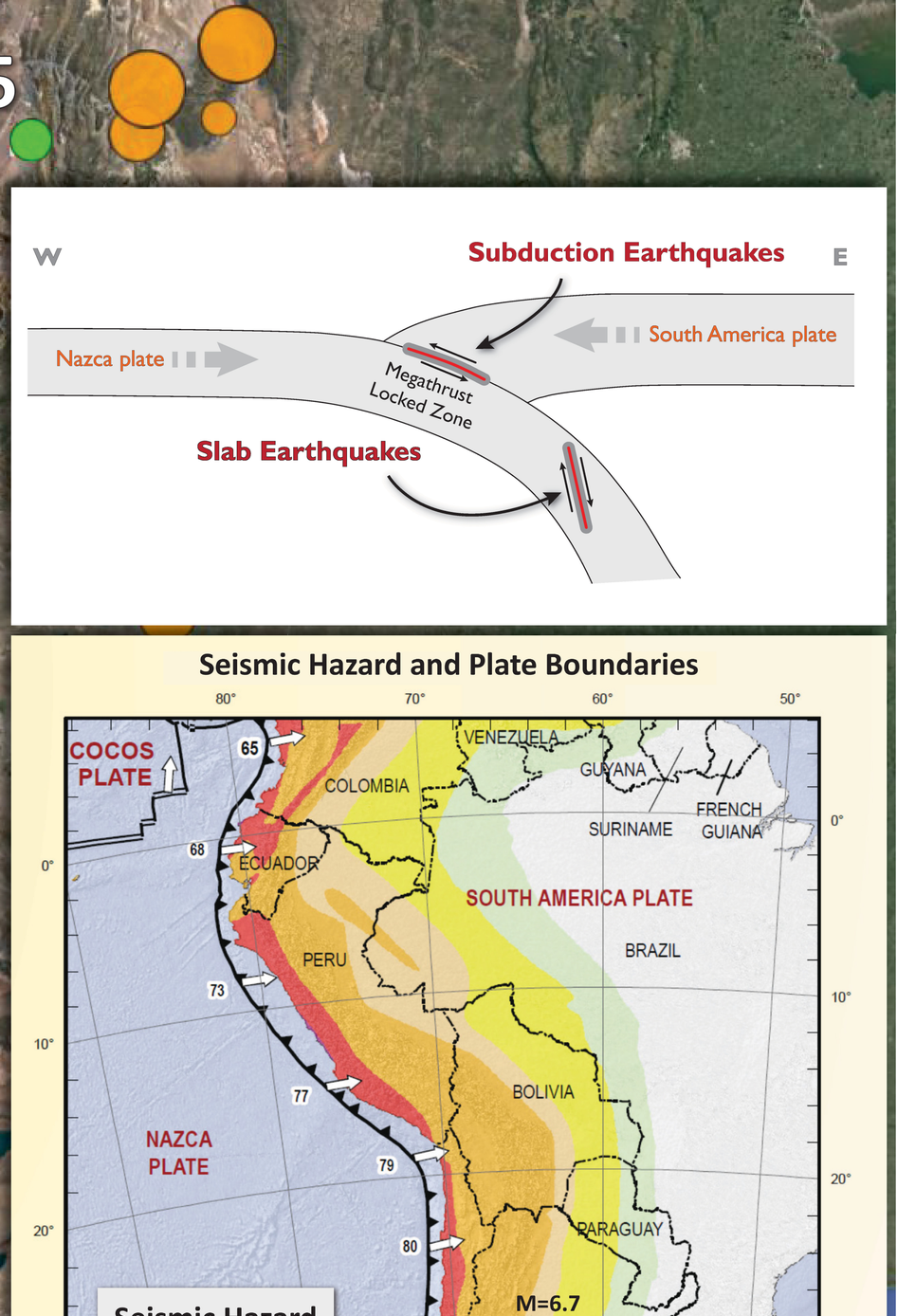
2016

Chiloé fracture zone

AN-NZ

NZ-SA



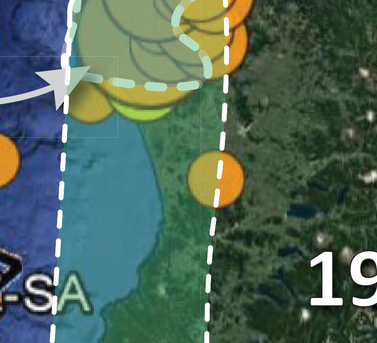


1000 km

N

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)



USGS Google Earth



