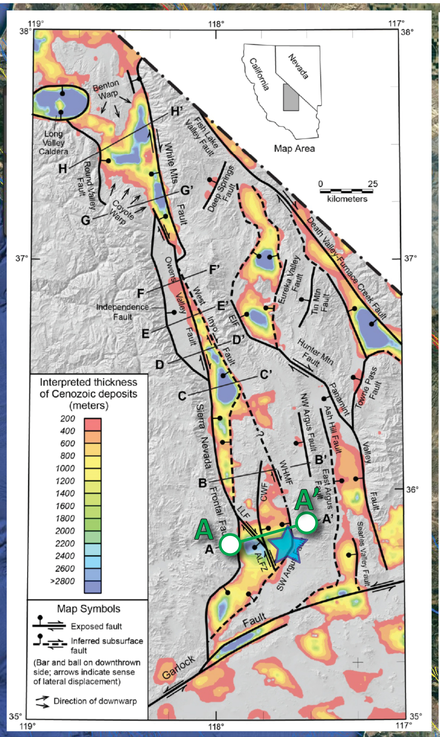
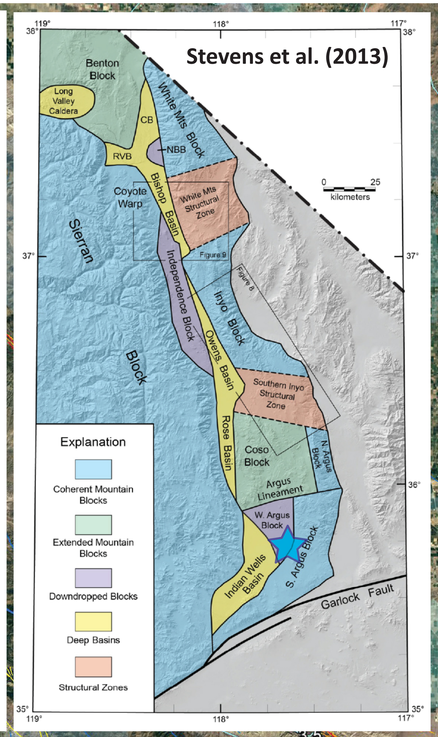
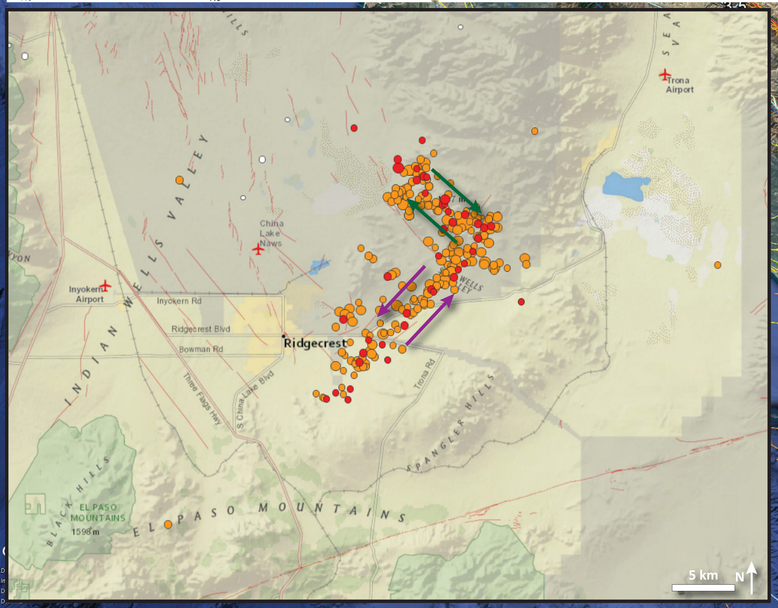
Earthquake Report: 2019.07.04

M 6.4 Ridgecrest (& USGS Seismicity 1919-2019 M ≥ 5.0)







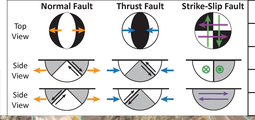
Magnitude: 8 7 6 5 4 3 2 1

Depth (km)
- 0 - 33
- 33 - 70
- 70 - 150
- 150 - 300
- 300 - 500
- 500 - 800

Jason R. Patton
earthjay.com © 2019

USGS Google Earth

Depth to Slab (km)



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	I	II-III	IV	V	VI	VII	VIII	IX	X+

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

1995.09.20
M 5.8

2019.07.04
M 6.4

1999.10.16
M 7.1

1992.06.28
M 7.3

S. Sierra Nevada F.

Garlock fault

San Andreas fault

