# Earthquake Report: 2019.02.22
# M 7.5 Ecuador




CIRES

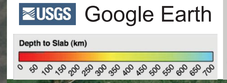


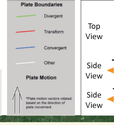


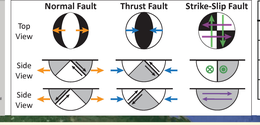


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| INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
|---|---|---|---|---|---|---|---|---|---|
| Shaking | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| Damage | None | None | None | Very slight | 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 |

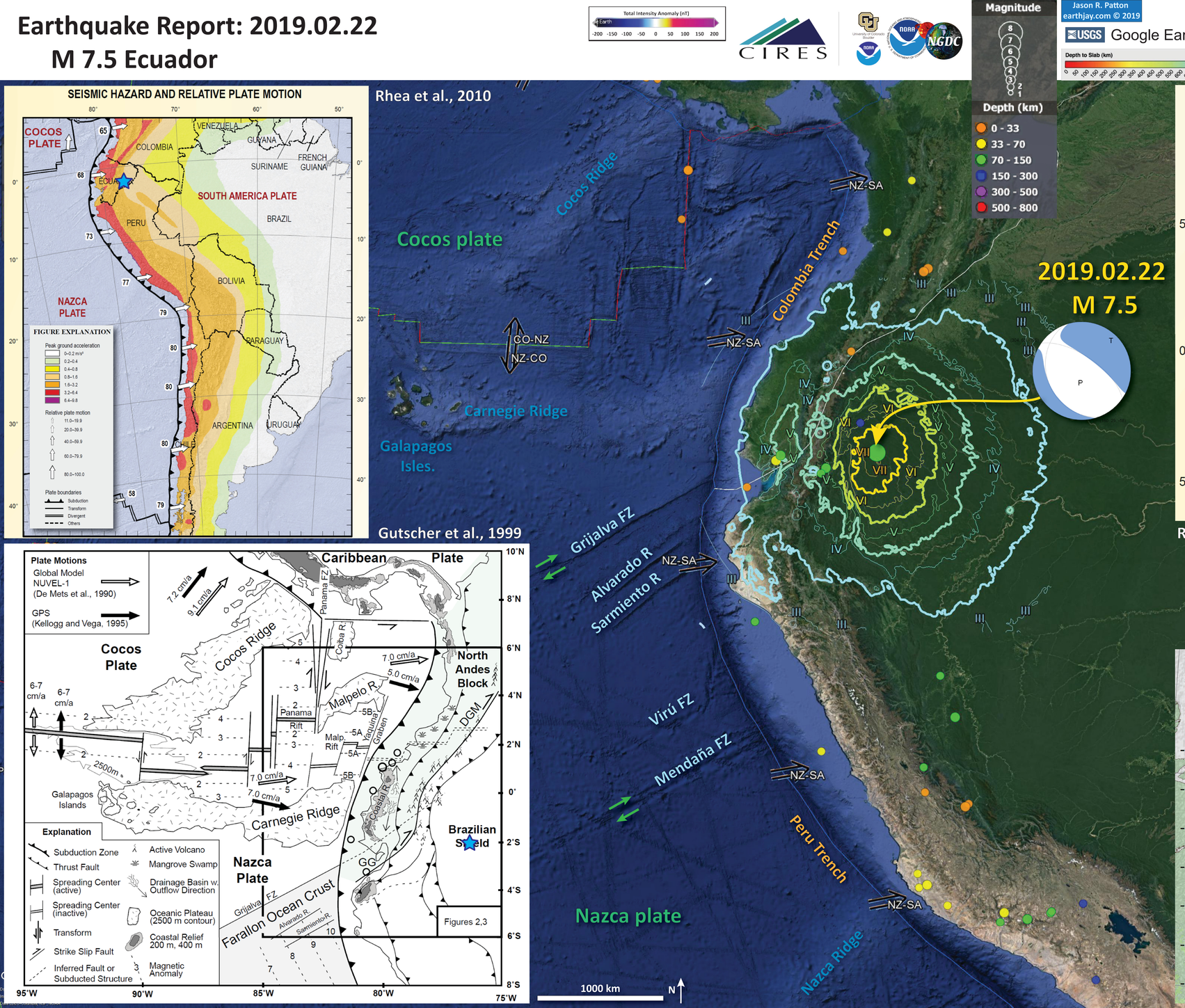
Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)

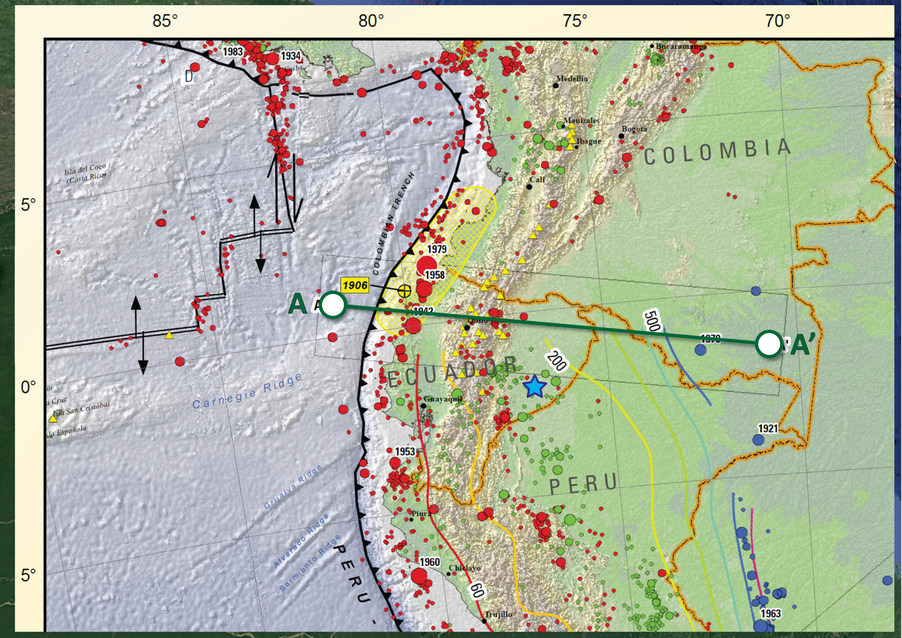



Rhea et al., 2010

Gutscher et al., 1999




Rhea et al., 2010

