

**Earthquake distribution and lithospheric rheology beneath the Northwestern Andes,
Colombia**

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Table S1_Stress_drop

Additional Supporting Information (Files uploaded separately)

Caption for Table S1_Stress_drop

Introduction

The supporting information is an Excel File with the earthquake dataset (date, hour, location) and the stress drop calculated for each one of them. We separated the Western area data of the Eastern area data. The seismic dataset was obtained from the Colombian National Seismological Network catalog, recorded between 1993 and 2019. The stress drop has been found computing the seismic moment and the cut-off frequency for each event, and calculating the shear-wave velocity. The cut-off frequency values found are relatively low, that cause low values of the stress drop obtained. Also, the earthquake depths have some uncertainties that we have to take into account for the cumulative stress drop calculated for each depth interval.

Table S1. Earthquake dataset (date, hour, location) and the stress drop calculated for each one of them

