Table 1: Maximum vertical displacement (Δ_{max}) for the northern block, in function of the shear modulus (μ), average slip (d), rupture length and width (L and W), minimum distance from the rupture to the surface (Z_{min}) and hypocentral depth (Z_{Hyp}). $\mu_{SED,}$ d_{SED}, L_{SED} and W_{SED} are the values of each one of these variables used in the SED short note.

	μ (GPa)	**d (cm)**	**L (km)**	**W (km)**	**Z_{min} (km)**	**Z_{Hyp} (km)**	**Δ_{max} northern block (cm)**
SED short note	40.8	15	4	2	1	1.9	4
Test 1	7.22 ($\approx \mu_{SED}/6$)	15	10 ($\approx \sqrt{6}\ L_{SED}$)	5 ($\approx \sqrt{6}\ W_{SED}$)	1	3.3	6
Test 2	7.22 ($\approx \mu_{SED}/6$)	15	10 ($\approx \sqrt{6}\ L_{SED}$)	5 ($\approx \sqrt{6}\ W_{SED}$)	2	4.3	4.5
Test 3	7.22 ($\approx \mu_{SED}/6$)	15	10 ($\approx \sqrt{6}\ L_{SED}$)	5 ($\approx \sqrt{6}\ W_{SED}$)	4	6.3	3
Test 4	7.22 ($\approx \mu_{SED}/6$)	30 ($= 2d_{SED}$)	7 ($\approx \sqrt{3}\ L_{SED}$)	3.5 ($\approx \sqrt{3}\ W_{SED}$)	1	2.6	10
Test 5	7.22 ($\approx \mu_{SED}/6$)	30 ($= 2d_{SED}$)	7 ($\approx \sqrt{3}\ L_{SED}$)	3.5 ($\approx \sqrt{3}\ W_{SED}$)	4	5.6	4
Test 6	7.22 ($\approx \mu_{SED}/6$)	30 ($= 2d_{SED}$)	7 ($\approx \sqrt{3}\ L_{SED}$)	3.5 ($\approx \sqrt{3}\ W_{SED}$)	6	7.6	2.5