Seed Motion: 20220917134114\_TSMIP\_HWA054\_E ( $R_{hyp}$ =44.0km,  $R_{rup}$ =2.3km) Method: BooreQuad, t1: 13.8 0.4 Acc. (m/sec<sup>2</sup>) 5.0 0 co Seed Motion Processed Motion Correction -0.4 5 Vel (cm/s) -5 20 Disp (cm) 0 -10 -20 10 20 30 40 50 60 70 80 90 0 100 Time (s) 10<sup>0</sup> Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>-1</sup> 5% Damping Seed Motion **Processed Motion** 10<sup>-2</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup>

Spectral Periods (s)

Seed Motion: 20220917134114\_TSMIP\_HWA054\_E ( $R_{hyp}$ =44.0km,  $R_{rup}$ =2.3km)





