Seed Motion: 20220917134114\_TSMIP\_HWA036\_Z ( $R_{hyp}$ =51.7km,  $R_{rup}$ =2.5km) Method: BooreQuad, t1: 15.0 0.2 Acc. (m/sec<sup>2</sup>) 0 1:0 1:0 Seed Motion Processed Motion Correction -0.2 2 Vel (cm/s) -2 100 50 Disp (cm) 0 -50 -100 20 30 40 50 60 70 80 90 10 100 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>-1</sup> 10<sup>0</sup> Spectral Periods (s)

Seed Motion: 20220917134114\_TSMIP\_HWA036\_Z ( $R_{hyp}$ =51.7km,  $R_{rup}$ =2.5km)





