

44th Ave, West Seattle – 2005

The USGS, with funding from the National Earthquake Hazards Reduction Program, collected weight drop data along 44th Ave in West Seattle as part of a study of the Seattle uplift. The profile trended North to South. Light traffic persisted throughout acquisition. If these data are used in a publication or presentation, please acknowledge the USGS and NEHRP.

Data were acquired with a 500-lb elastic weight drop. Records are 2.0 seconds with sample rates of 1ms. Geophones were single, 8-Hz vertical component sensors installed every 5m along the seismic profile. The source point interval was predominantly 5m. The number of channels per record was 120. Other acquisition parameters are noted in the observer's log file. Data are unstacked and uncorrelated. Station location information is in the SEGY file headers. The coordinates are in UTM Zone 10 N with WGS84 datum.