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## Near-field 1-Hz GPS recordings from the Parkfield earthquake

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Thirteen near-field 1-Hz GPS recordings are available for the Parkfield earthquake. Although this event is smaller magnitude than other recent 1-Hz GPS seismology studies (Denali, San Simeon, Tokachi-Oki), the sites are located much closer to the rupture. To provide useful constraints for seismologists, it is important that GPS error sources are minimized. We have developed a new methodology to improve 1-Hz GPS position estimates that we will describe and assess here. This methodology also has useful implications for measurements of postseismic deformation.