Global distribution of PP-P differential travel time anomalies

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PP-P differential travel times are useful to improve resolution of the upper mantle in the whole mantle tomography. We have added about 400 PP-P data to those obtained by Sakurai(1996). The method of measuring PP-P times is similar to Sakurai(1996) but with several important improvements. We plotted the values of PP-P anomaly at the PP bounce points. Strong negative anomalies in the western and northern Pacific appear more clearly than in the earlier studies. We also found systematic negative anomalies around Australia especially to the Indonesian side.