

ITRF2005 PRELIMINARY RESULTS: GEOCENTER AND SCALE TIME VARIATIONS

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Preliminary analysis of times series of station positions submitted to ITRF2005 provide useful information on time variations of the apparent geocenter as well as the scale. Most pertinent geocenter results are derived from SLR time series and those of the scale variations come from SLR and VLBI. After a short description of the ITRF2005 combination strategy, SLR geocenter and SLR and VLBI scale variations will be discussed, underlying network effect and other sources of systematic errors and limitations.