

Early Results from the Great Observatories Origins Deep Survey

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Abstract The Great Observatories Origins Deep Survey (GOODS) combines deep observations from HST, the ESO VLT and other ground-based telescopes, Chandra, and ultimately SIRTf to provide two deep reference fields for study of faint and distant galaxies. Early results from the survey include measurements of Lyman-break galaxy sizes, luminosities, and number densities out to redshifts $z \sim 6$, investigations of AGN number densities at high redshift, studies of galaxy morphological evolution from $z \sim 0.2$ to $z > 1$, and a measurement of weak tangential shear induced by gravitational lensing. Highlights from these on-going investigations will be presented.