



The Wide-Field Survey Explorer



WISE is a confirmed NASA Mid-Size Explorer (MIDEX) that will conduct a sensitive **survey of the entire sky in 4 mid-IR bands** (3.3, 4.7, 12, 23 μ m) with 6-12" spatial resolution

Image Atlas - ~1 million calibrated FITS images in the four survey bands
Source Catalog - Positions and fluxes of ~300 million objects (*minimum* 5 σ pt.src. 120/160/650/2600 μ Jy; 0.5" wrt 2MASS)

Launch in 11/2009 - 1 month IOC, 6 month baseline mission.

Preliminary data release in 12/2010 - 50% of the sky; initial processing

Final data release in 11/2011 - 100% of the survey area, complete reprocessing

