

Table 1: The *WFIRST* Microlensing Survey at a Glance

Area	1.96 deg ²
Baseline	4.5 years
Seasons	6×72 days
W149 Exposures	$\sim 41,000$ per field
W149 Cadence	15 minutes
W149 Saturation	~ 14.8
Phot. Precision	0.01 mag @ $W149 \sim 21.15$
Z087 Exposures	~ 860 per field
Z087 Saturation	~ 13.9
Z087 Cadence	$\lesssim 12$ hours
Stars ($W149 < 15$)	$\sim 0.3 \times 10^6$
Stars ($W149 < 17$)	$\sim 1.4 \times 10^6$
Stars ($W149 < 19$)	$\sim 5.8 \times 10^6$
Stars ($W149 < 21$)	$\sim 38 \times 10^6$
Stars ($W149 < 23$)	$\sim 110 \times 10^6$
Stars ($W149 < 25$)	$\sim 240 \times 10^6$
Microlensing events $ u_0 < 1$	$\sim 27,000$
Microlensing events $ u_0 < 3$	$\sim 54,000$
Planet detections ($0.1\text{--}10^4 M_\oplus$)	~ 1400
Planet detections ($< 3M_\oplus$)	~ 200

Notes: Assumes the Cycle 7 design. Saturation estimates assumes the brightest pixel accumulates 10^5 electrons before the first read. The exposure time and cadence of observations in the Z087 and other filters has not been set; we have assumed a 12 hour cadence here, but observations in the other filters are likely to be more frequent.