

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

Area	1.96 deg ²
Baseline	4.5 years
Seasons	6×72 days
<i>W</i> 149 Exposures	$\sim 41,000$ per field
<i>W</i> 149 Cadence	15 minutes
<i>W</i> 149 Saturation	~ 14.8
Phot. Precision	0.01 mag @ <i>W</i> 149 \sim 21.15
<i>Z</i> 087 Exposures	~ 860 per field
<i>Z</i> 087 Saturation	~ 13.9
<i>Z</i> 087 Cadence	$\lesssim 12$ hours
Stars (<i>W</i> 149 < 15)	$\sim 0.3 \times 10^6$
Stars (<i>W</i> 149 < 17)	$\sim 1.4 \times 10^6$
Stars (<i>W</i> 149 < 19)	$\sim 5.8 \times 10^6$
Stars (<i>W</i> 149 < 21)	$\sim 38 \times 10^6$
Stars (<i>W</i> 149 < 23)	$\sim 110 \times 10^6$
Stars (<i>W</i> 149 < 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 ($< 3 M_\oplus$)	~ 200

Notes: Assumes the Cycle 7 design and a fiducial mass planet mass function, see Penny et al. (2018) for details. Saturation estimates assumes the brightest pixel accumulates 10^5 electrons before the first read. The exposure time and cadence of observations in the *Z*087 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.