

Survey comparison: Feb 26, 2018

	<i>Optimized</i>	<i>New WFs (sensitivity > 20%)</i>	<i>New WFs / optimized</i>
Number of stars	100	115	1.15
$\langle N_{\text{RV}} \rangle$	198.1	206.1	1.04
$\text{median}(\sigma_{\text{RV}})$	1.33	1.51	1.14
Total observing time**	1266 hrs	1769 hrs	1.40
Average sensitivity	44.9%	44.1%**	0.98
Sensitivity to Earth-like* planets	33.5%	31.2%**	0.96
Sensitivity to imagable Earth-like planets	33.7%	32.4%**	0.96
Total planet yield	85.3	96.5	1.13
Total yield of Earth-like planets	8.1	9.2	1.14
Total yield of imagable Earth-like planets	4.9	5.5	1.12

*Earth-like \equiv 1-5 M_{\oplus} in HZ

** $\sum_{i=1}^{N_*} N_{\text{RV},i} \cdot (t_{\text{exp},i} + t_{\text{overhead}})$ where $t_{\text{overhead}} = 30 \text{ s}$

**rough sensitivity estimate