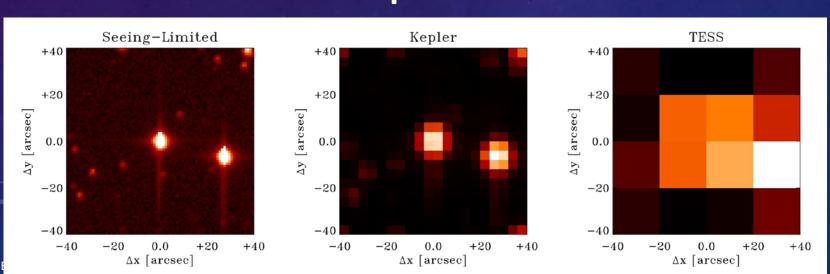


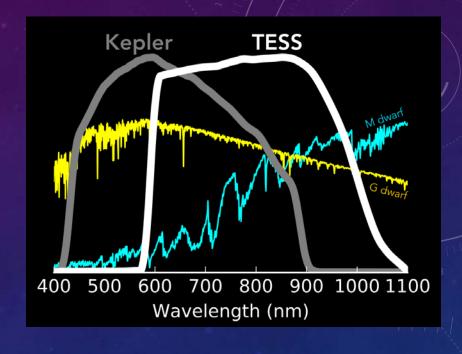


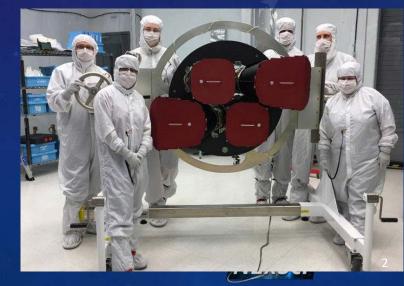


TESS Launch April 2018

- 4 146 mm cameras each with
 4 CCDs 2048×2048 pixels
- 21" pixels
- 24°×24° FOV per camera

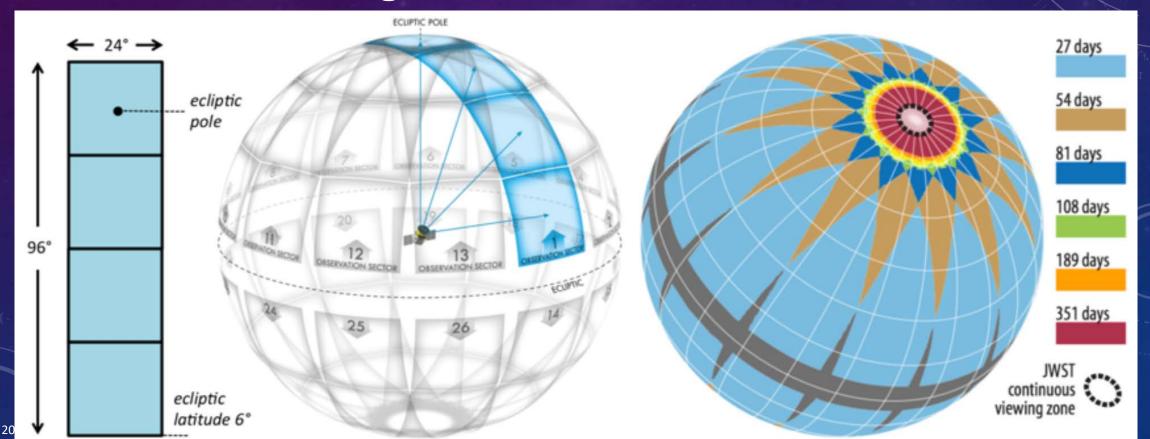




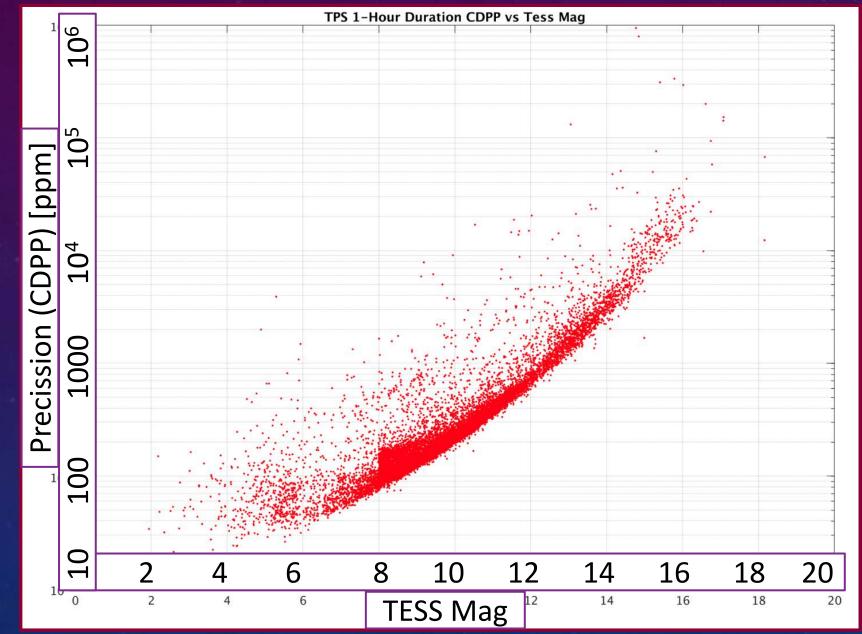


"All-Sky" Coverage

- 27 days per sector
- ~15000 2-minute postage stamp targets per sector.
- Full-Frame Images ever 30 minutes



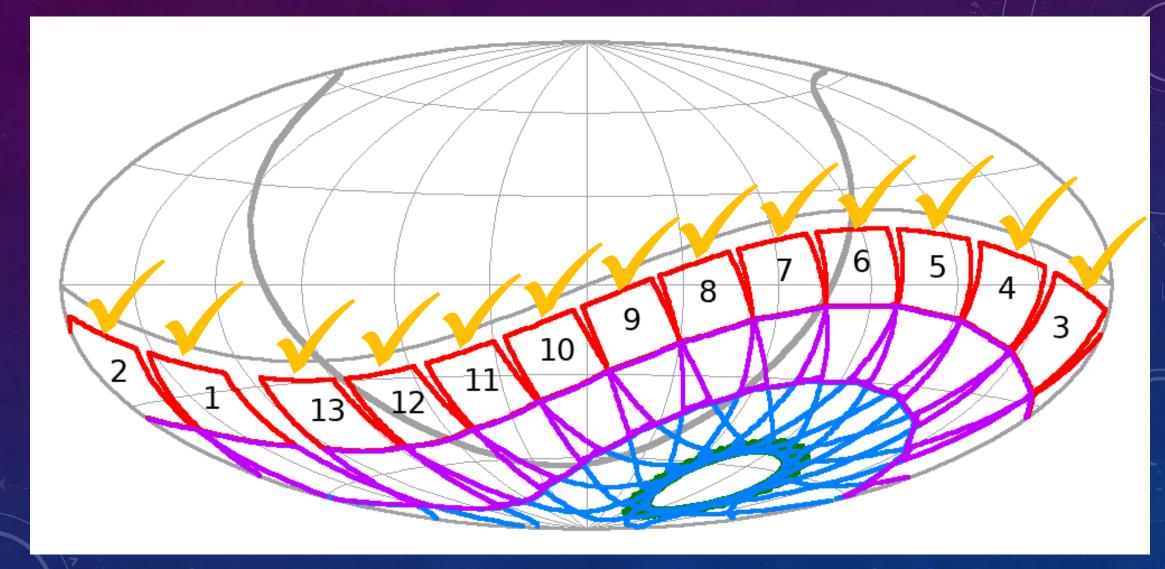
TESS Precision is Excellent





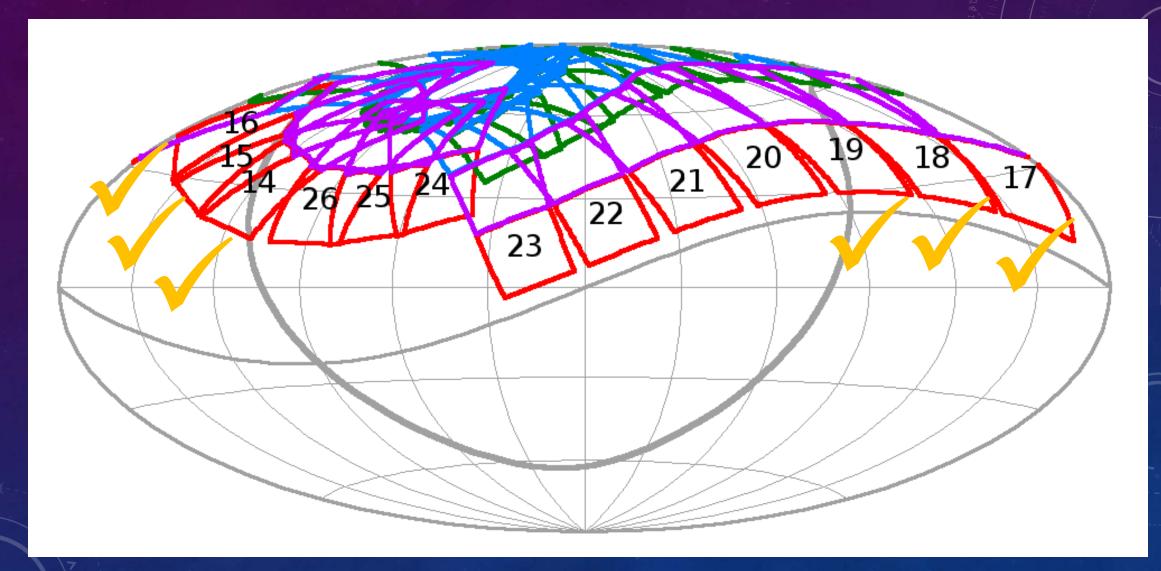


Southern Hemisphere: July 2018 – July 2019



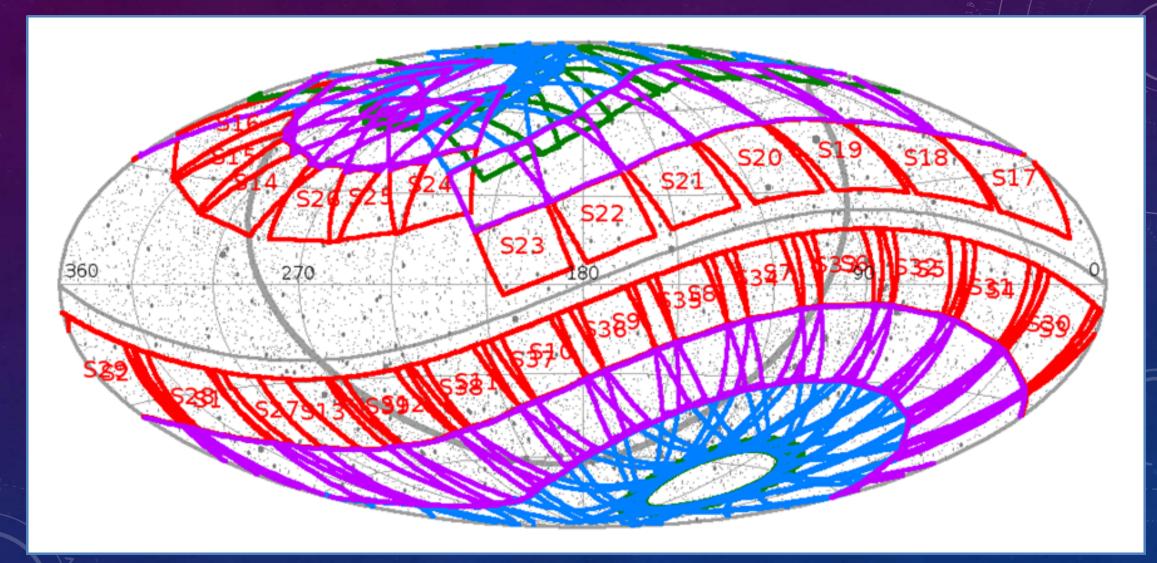


Northern Hemisphere: July 2019 - ongoing



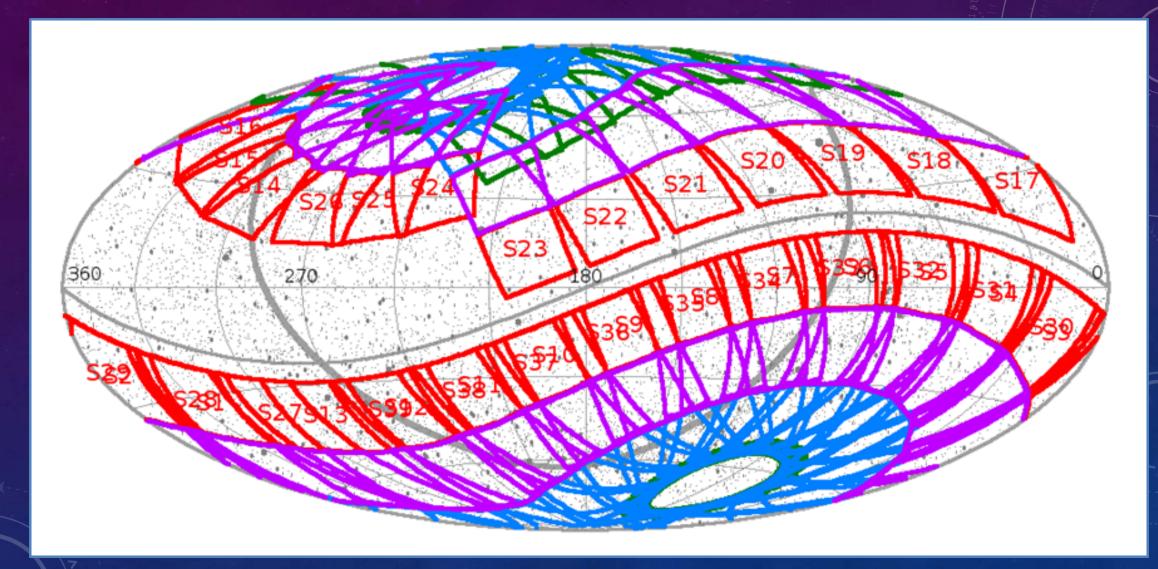


Year 3 Repeats Southern Hem: July 2020

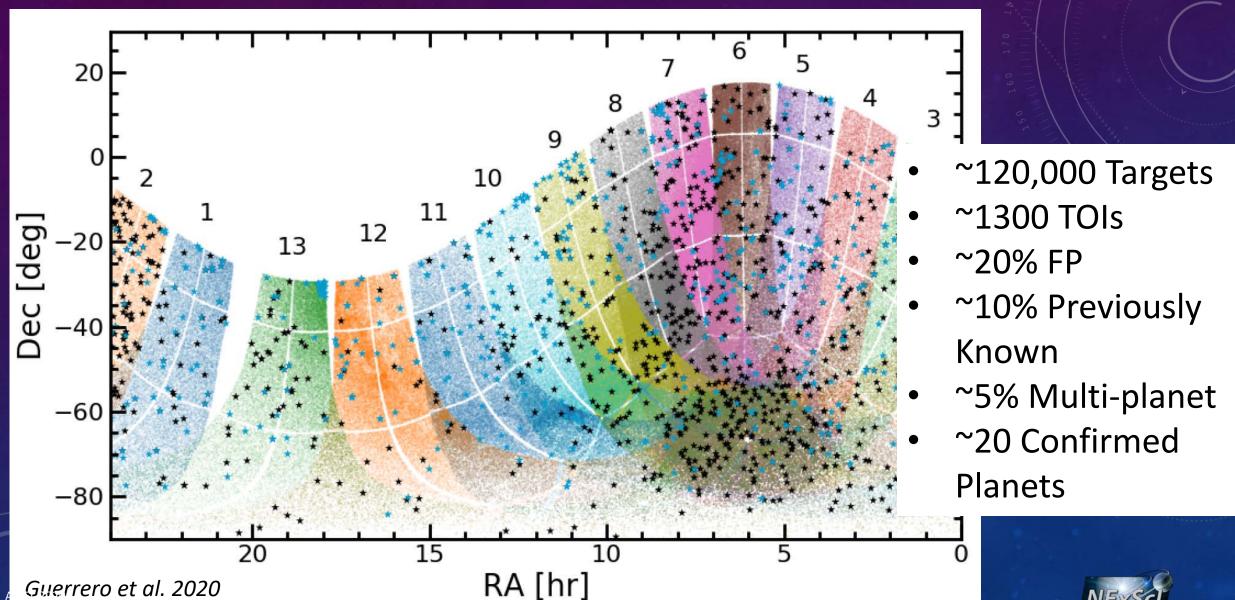


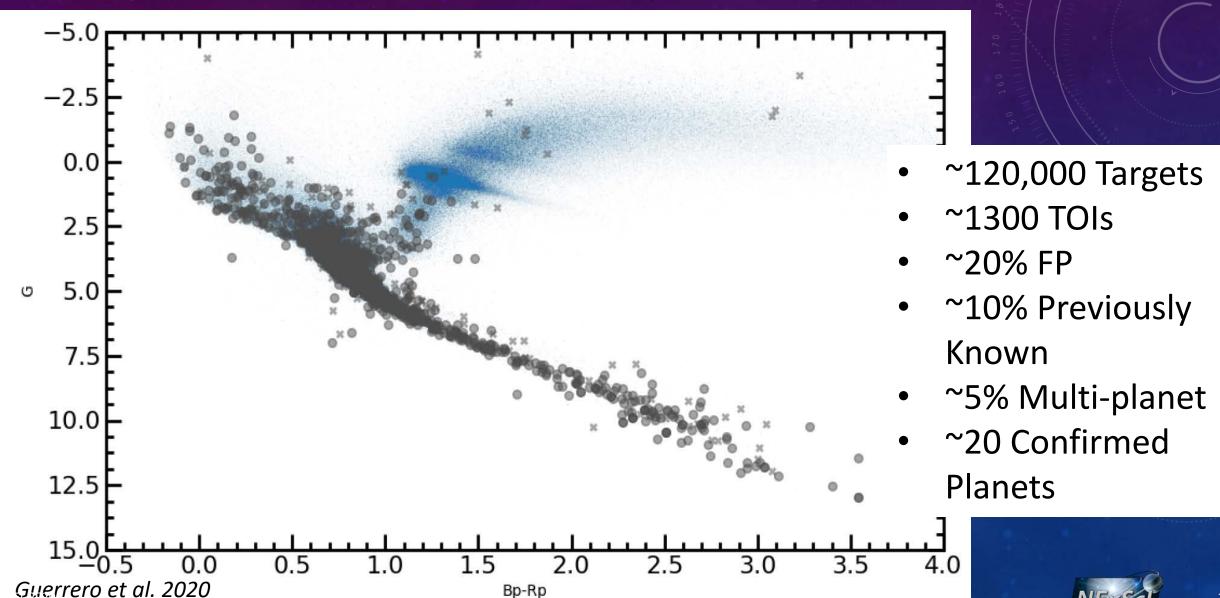


Year 4: Still being discussed

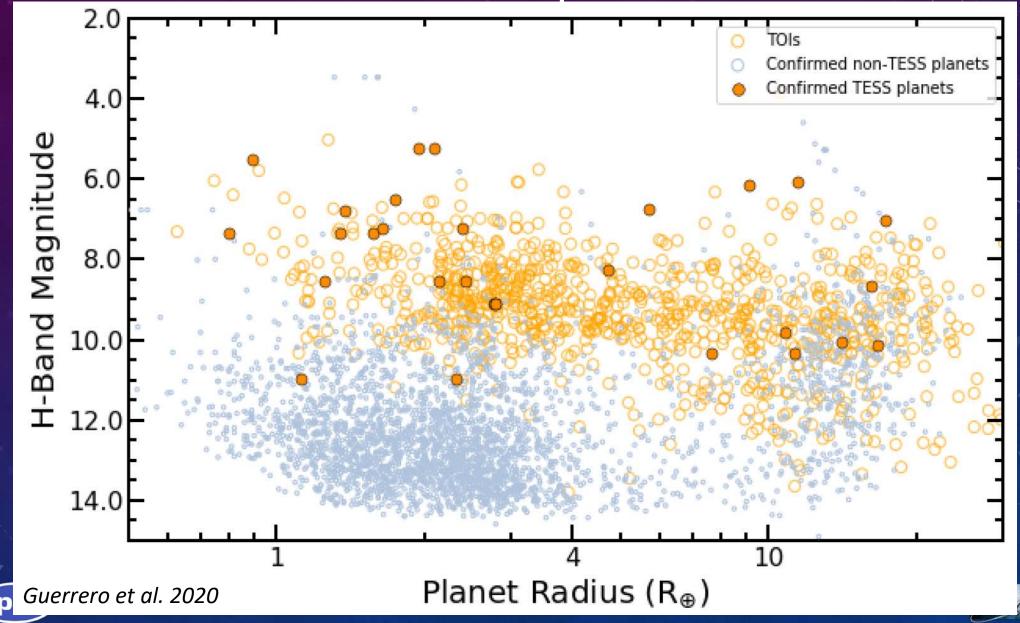


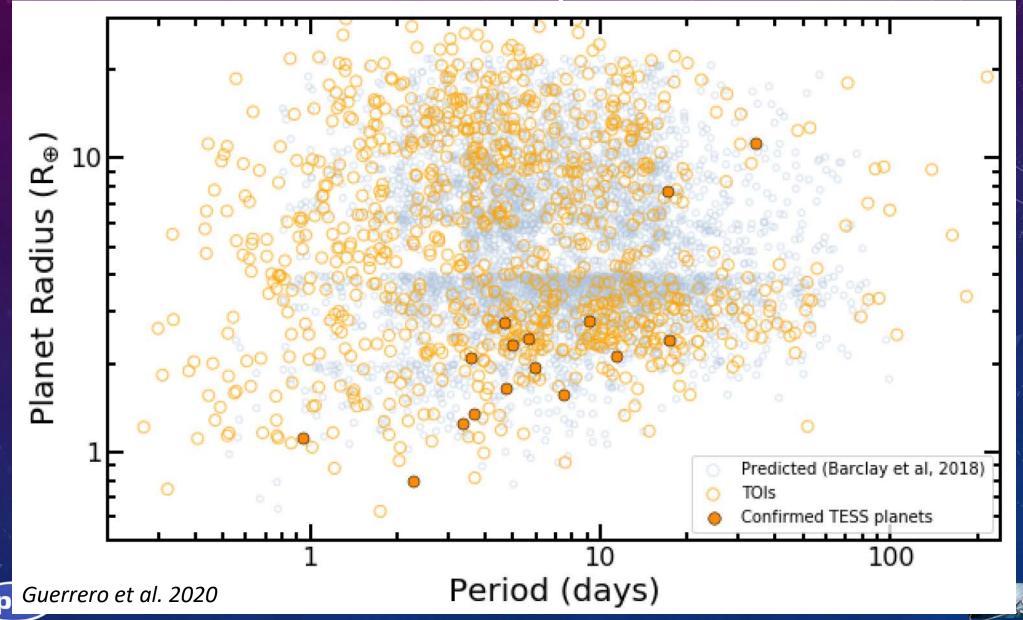




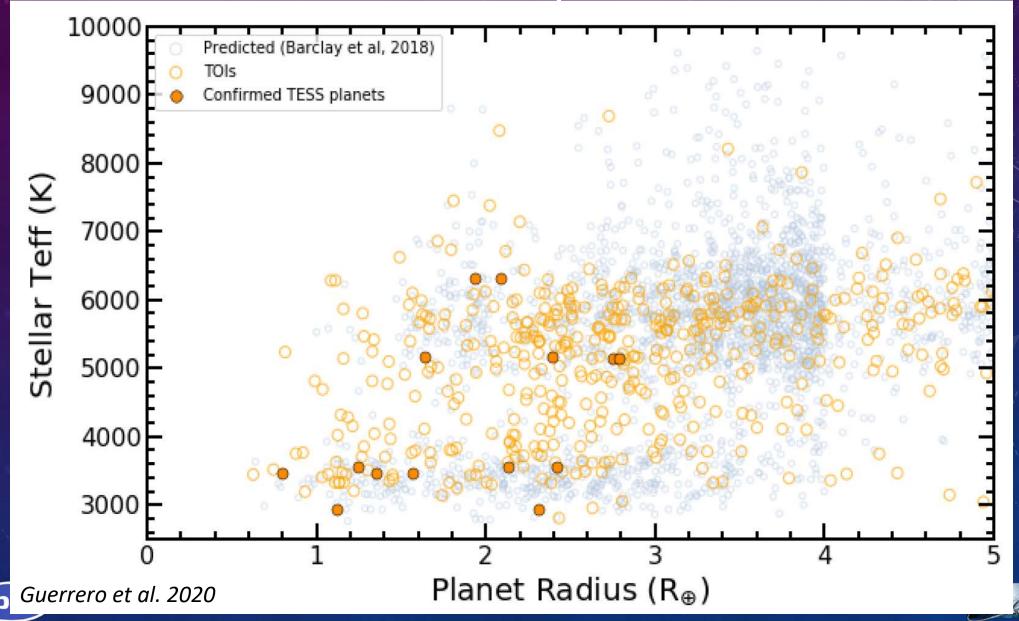


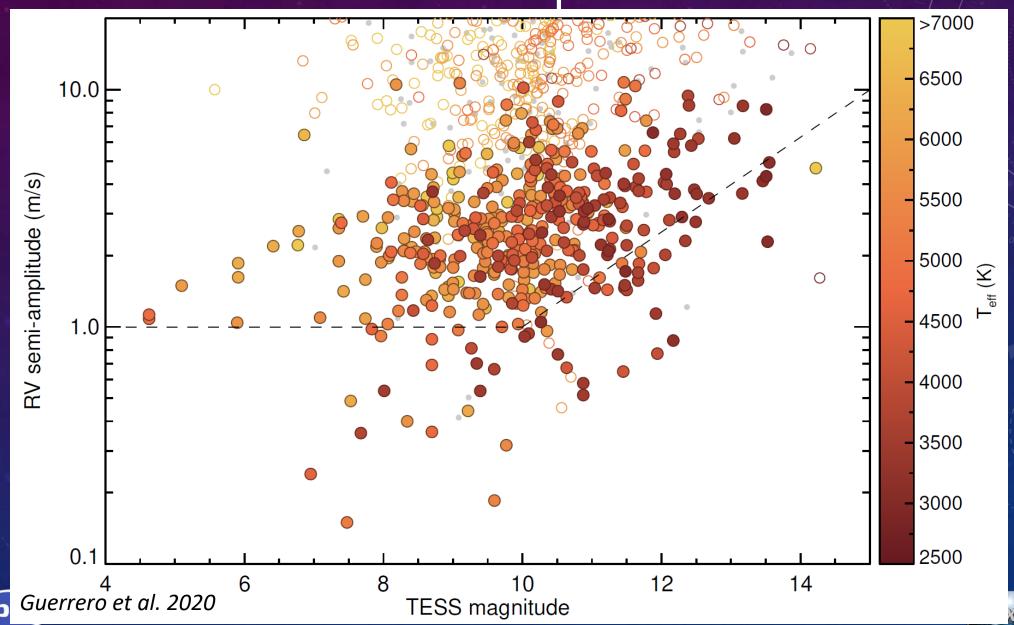
ARIEL 2020



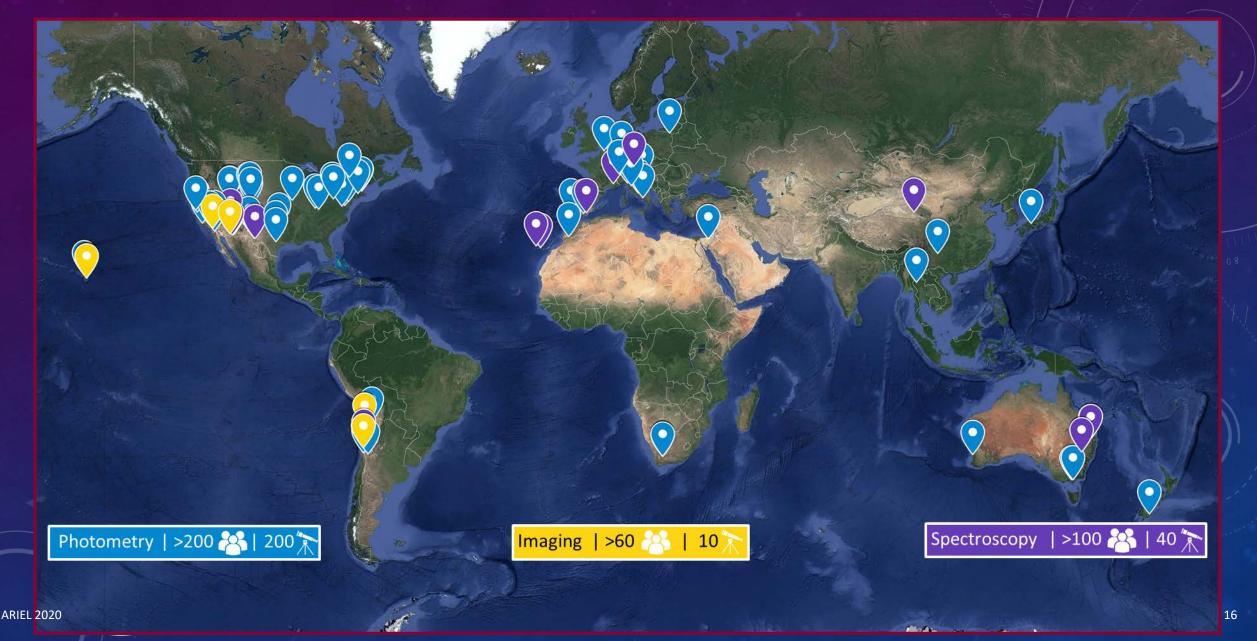


ARIEL 2020





TFOP is a World-Wide Collaboration



TFOP is a World-Wide Collaboration

EXOFOP (TESS)



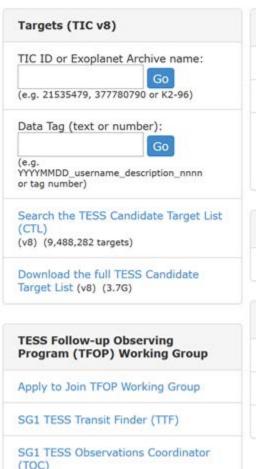
Welcome David Ciardi 🗓

Home ▼

Search -

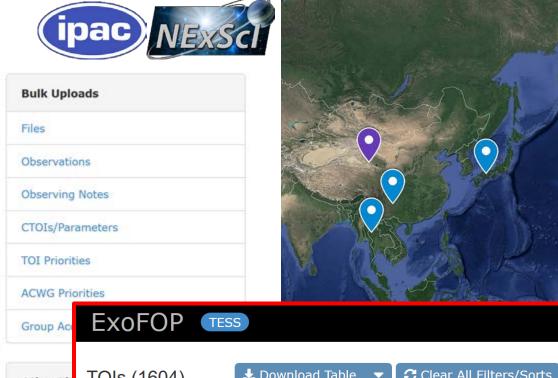
Logout

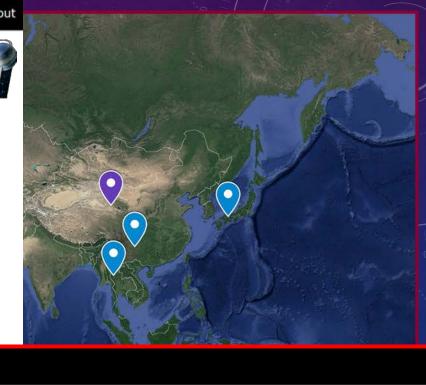
Welcome to ExoFOP-TESS



SG2 Observation Coordinator







Other Lir	1018 (1604)		Wilload lable + D	Clear Air Filters/301ts	
Change lo					
Statistics	TIC ID	TOI	Previous CTOI	ACWG ▽ ↑ priority	TESS Disposition
TOI Inges	47384844	1022.01			PC
Directory	447283466	1028.01		1	PC
Help	370133522	1078.01		1	PC

To Sum Up

- 1604 TOIs, 37 Confirmed Planets, Dozens more confirmed planets on the way
- Follow-up, confirmation, and masses takes time
- TESS is finding planets around bright stars ripe for characterization
- TESS Prime + Extended mission should provide 100's to 1000's of planets potentially suitable for JWST, CHEOPS, and ARIEL
- There is so much more science from TESS for which I didn't have time to discuss

