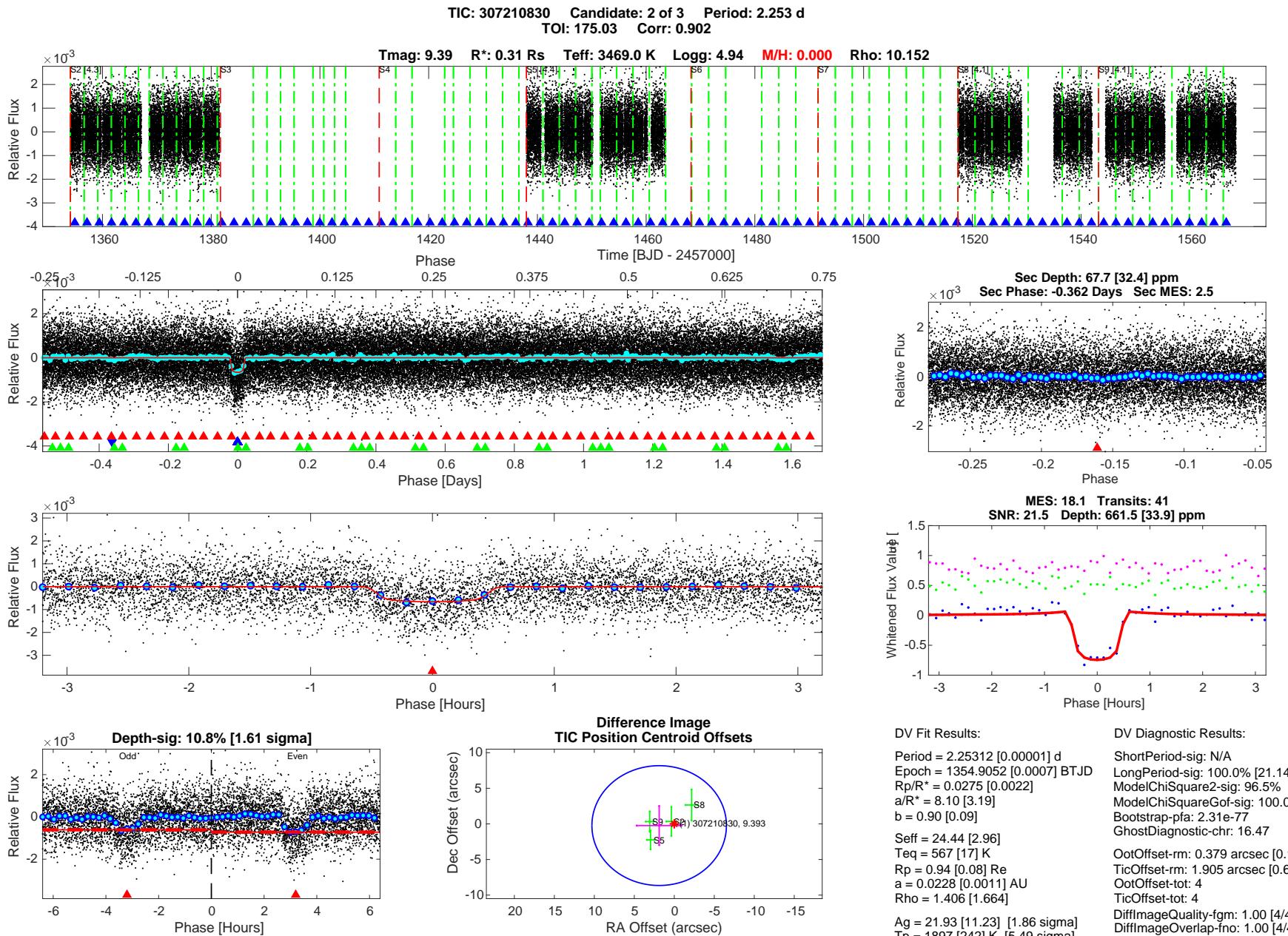


Software Revision: sproc-3.3.65-20190425 -- Date Generated: 04-May-2019 23:29:18 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center



DV Fit Results:

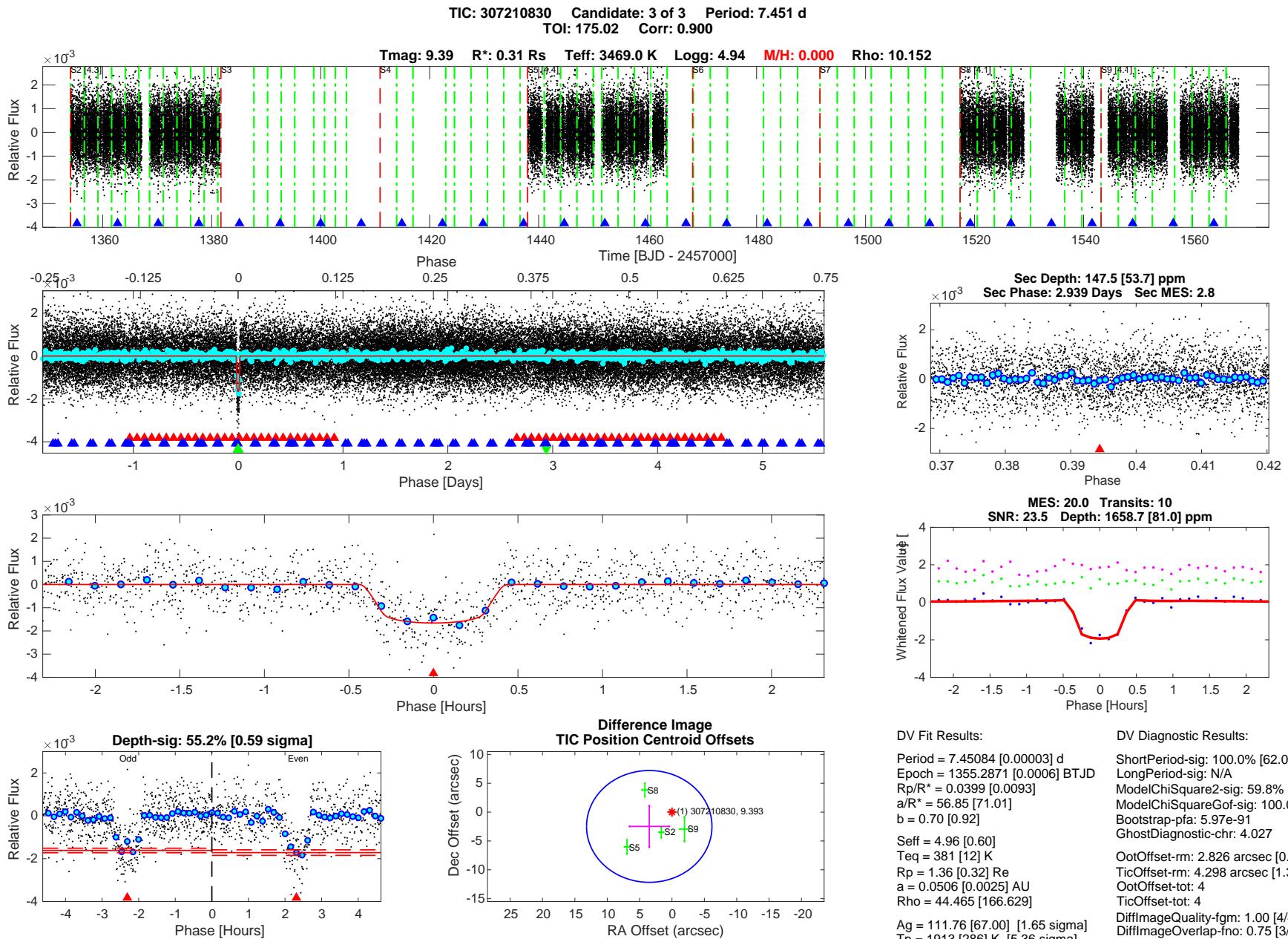
Period = 2.25312 [0.00001] d
Epoch = 1354.9052 [0.0007] BTJD
Rp/R* = 0.0275 [0.0022]
a/R* = 8.10 [3.19]
b = 0.90 [0.09]
Seff = 24.44 [2.96]
Teq = 567 [17] K
Rp = 0.94 [0.08] Re
a = 0.0228 [0.0011] AU
Rho = 1.406 [1.664]
Ag = 21.93 [11.23] [1.86 sigma]
Tp = 1897 [242] K [5.49 sigma]

DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: 100.0% [21.14 sigma]
ModelChiSquare2-sig: 96.5%
ModelChiSquareGof-sig: 100.0%
Bootstrap-pfa: 2.31e-77
GhostDiagnostic-chr: 16.47
OotOffset-rm: 0.379 arcsec [0.14 sigma]
TicOffset-rm: 1.905 arcsec [0.68 sigma]
OotOffset-tot: 4
TicOffset-tot: 4
DiffImageQuality-fgm: 1.00 [4/4]
DiffImageOverlap-fno: 1.00 [4/4]

Software Revision: sproc-3.3.65-20190425 -- Date Generated: 04-May-2019 23:29:33 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

**DV Fit Results:**

Period = 7.45084 [0.00003] d
Epoch = 1355.2871 [0.0006] BTJD
Rp/R* = 0.0399 [0.0093]
a/R* = 56.85 [71.01]
b = 0.70 [0.92]
Seff = 4.96 [0.60]
Teq = 381 [12] K
Rp = 1.36 [0.32] Re
a = 0.0506 [0.0025] AU
Rho = 44.465 [166.629]
Ag = 111.76 [67.00] [1.65 sigma]
Tp = 1913 [286] K [5.36 sigma]

DV Diagnostic Results:

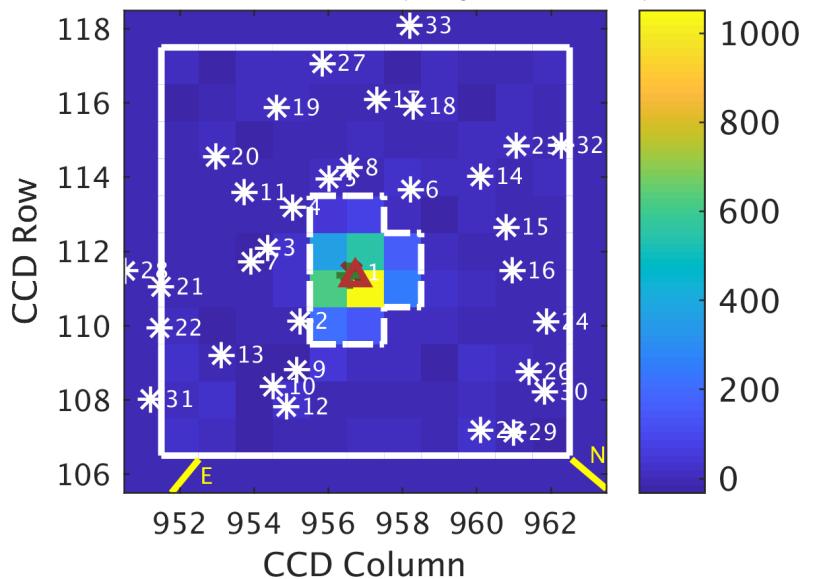
ShortPeriod-sig: 100.0% [62.00 sigma]
LongPeriod-sig: N/A
ModelChiSquare2-sig: 59.8%
ModelChiSquareGof-sig: 100.0%
Bootstrap-pfa: 5.97e-91
GhostDiagnostic-chr: 4.027
OotOffset-rm: 2.826 arcsec [0.81 sigma]
TicOffset-rm: 4.298 arcsec [1.33 sigma]
OotOffset-tot: 4
TicOffset-tot: 4
DiffImageQuality-fgm: 1.00 [4/4]
DiffImageOverlap-fno: 0.75 [3/4]

Software Revision: sproc-3.3.65-20190425 -- Date Generated: 04-May-2019 23:29:47 Z

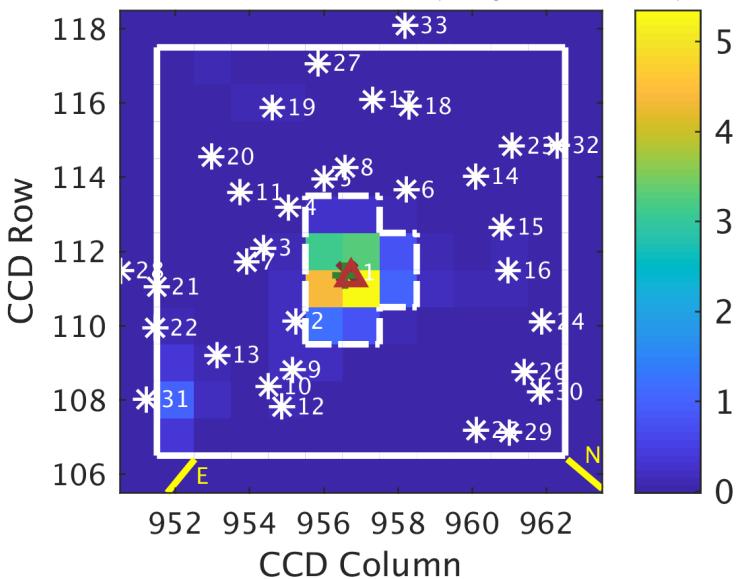
This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

Planet Candidate 1 / Sector 9 / Target Pixel Table 152

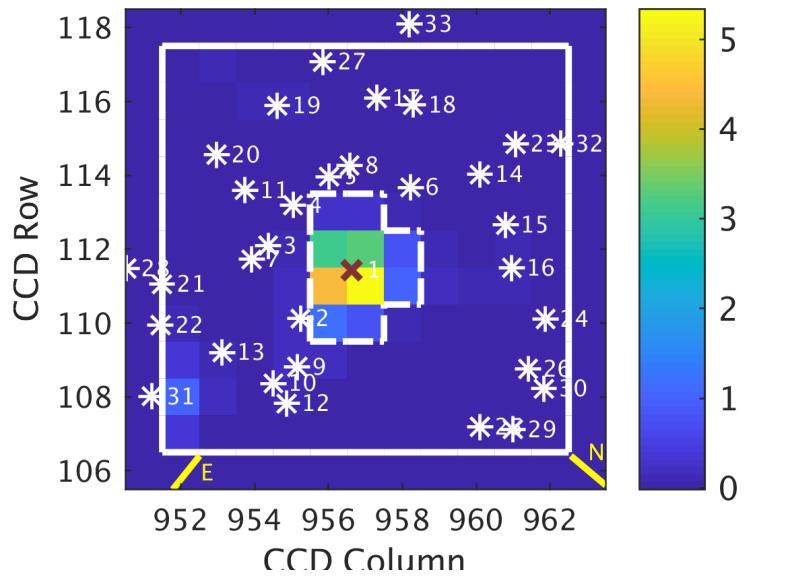
Difference Flux (e-/cadence)



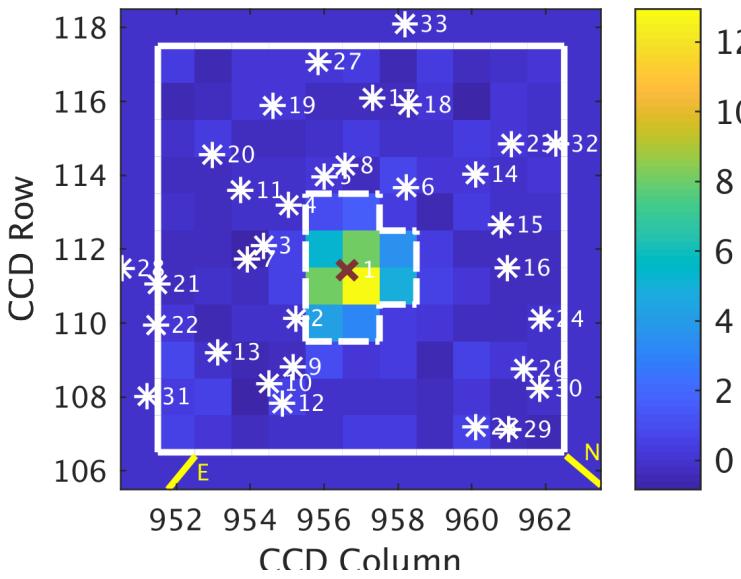
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

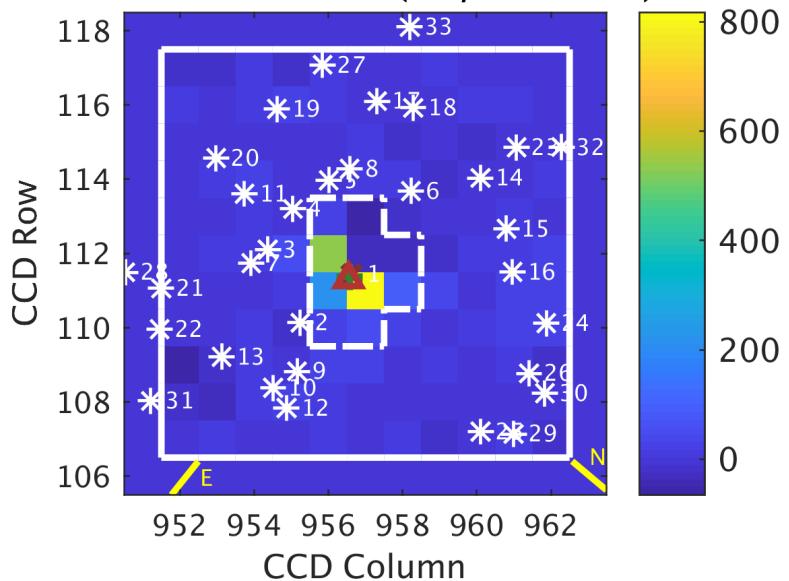


Difference SNR

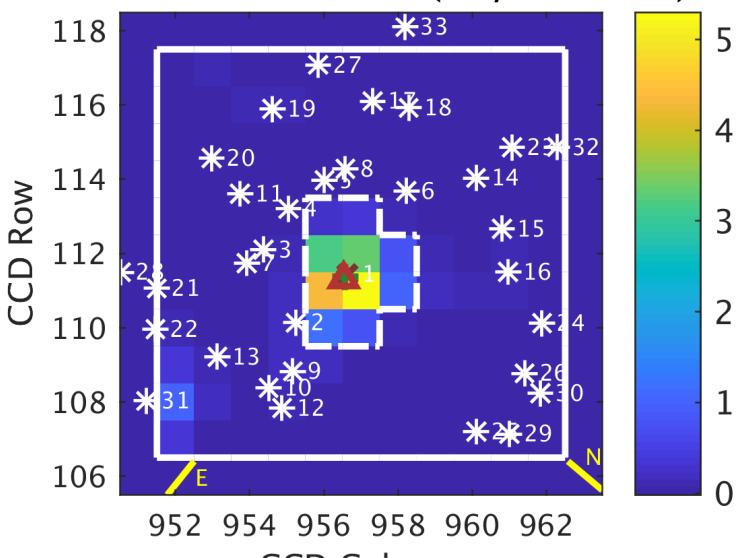


Planet Candidate 2 / Sector 9 / Target Pixel Table 152

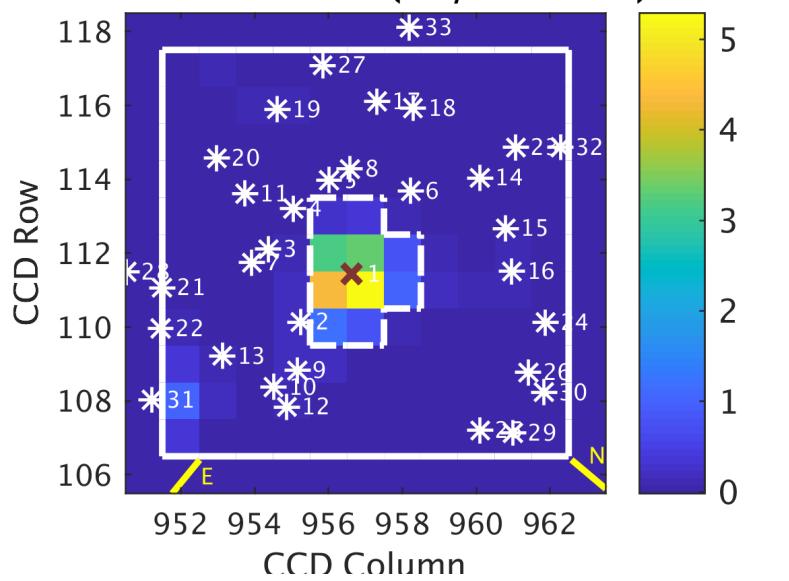
Difference Flux (e-/cadence)



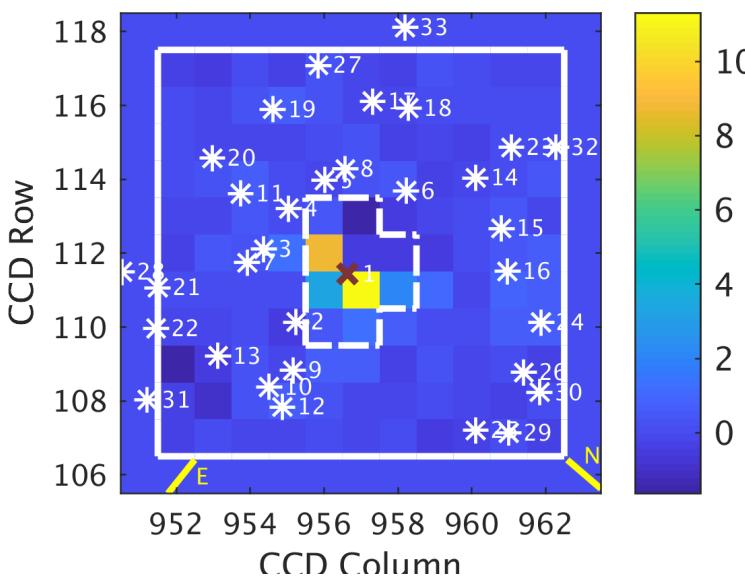
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

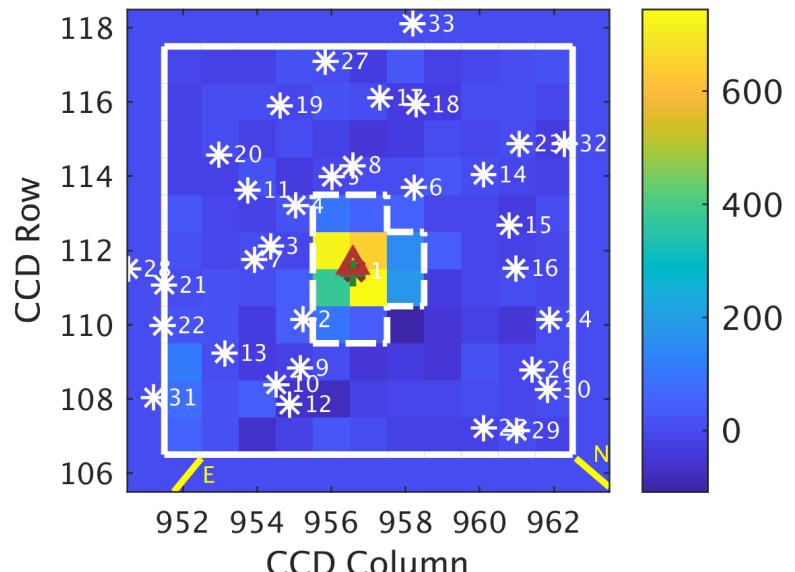


Difference SNR

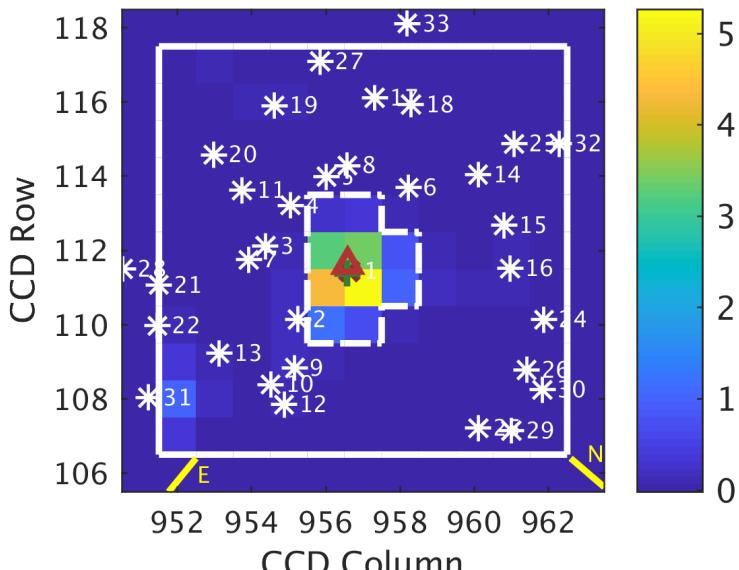


Planet Candidate 3 / Sector 9 / Target Pixel Table 152

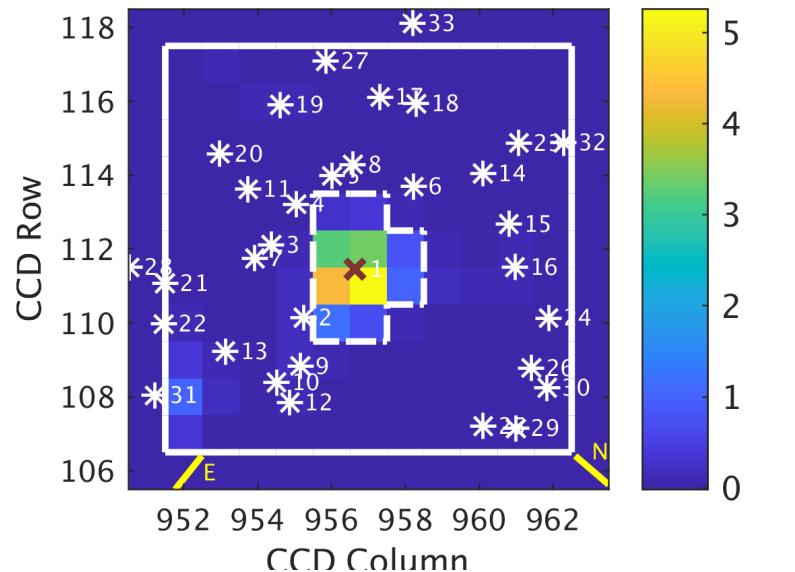
Difference Flux (e-/cadence)



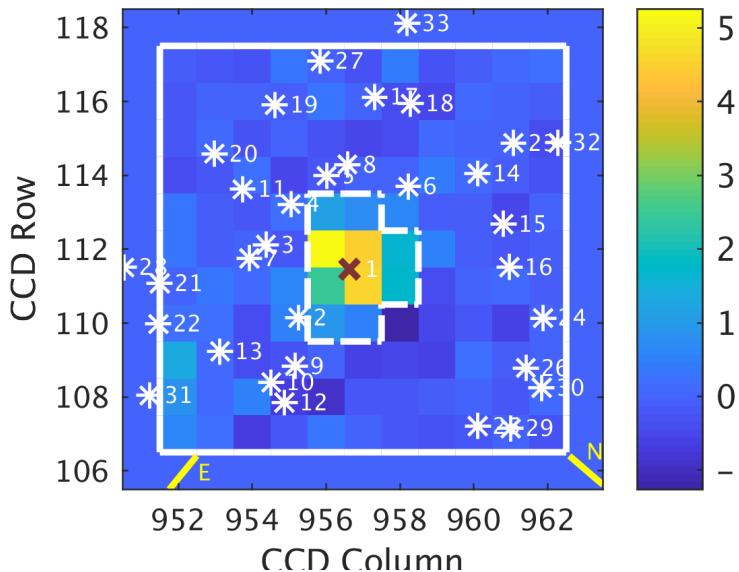
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

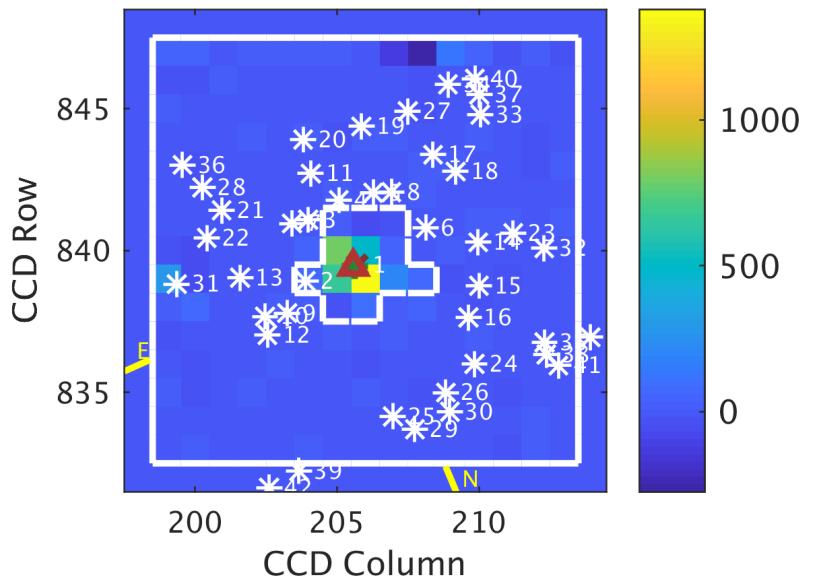


Difference SNR

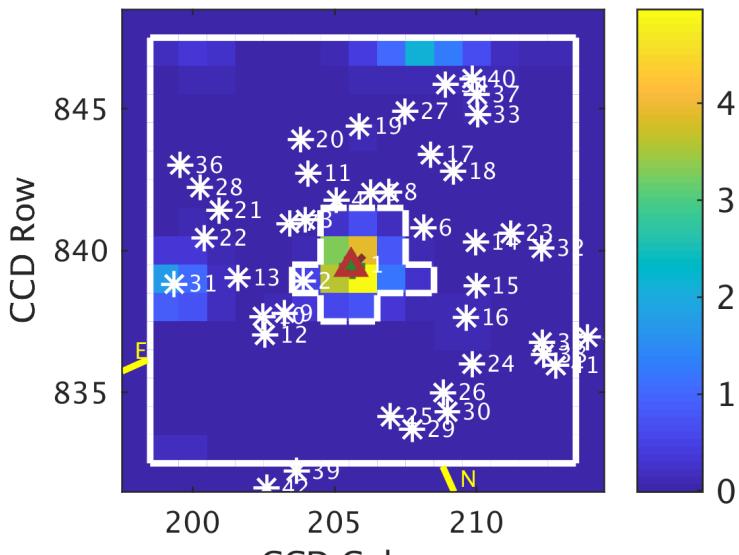


Planet Candidate 1 / Sector 8 / Target Pixel Table 148

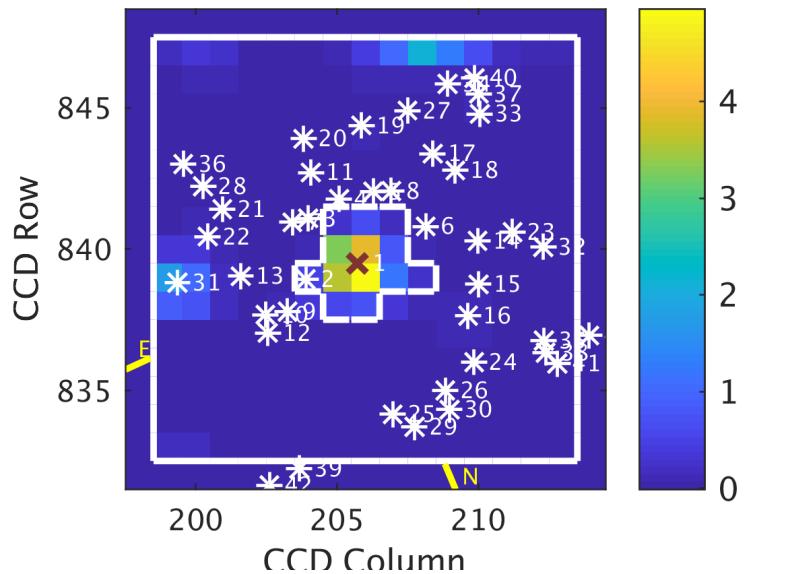
Difference Flux (e-/cadence)



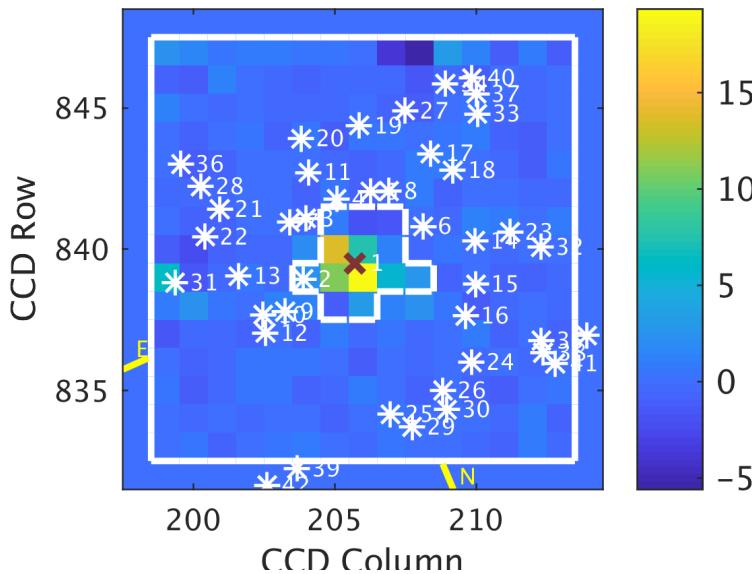
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

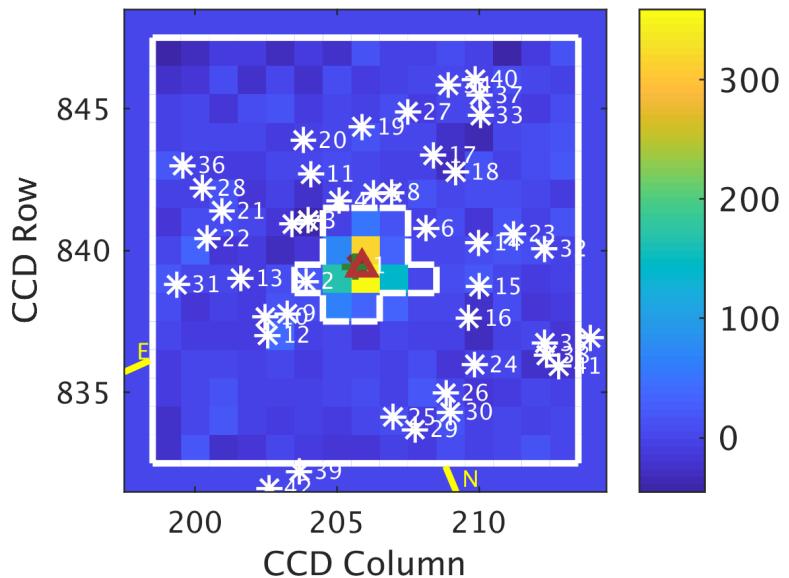


Difference SNR

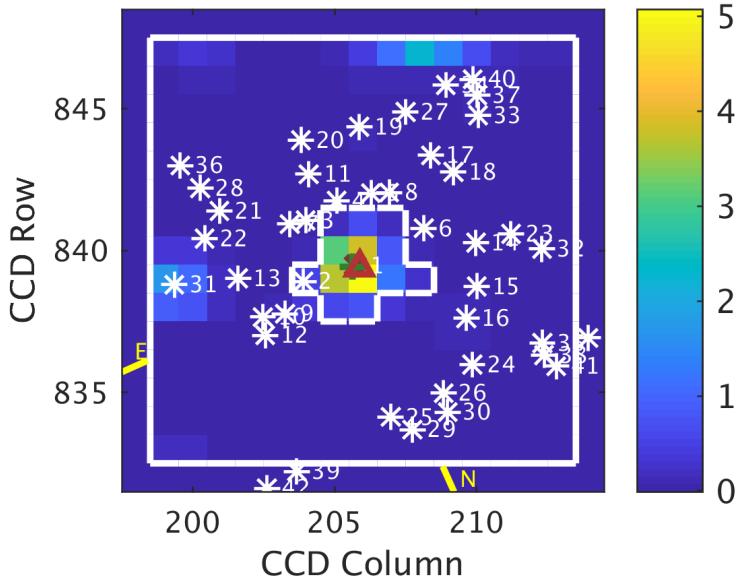


Planet Candidate 2 / Sector 8 / Target Pixel Table 148

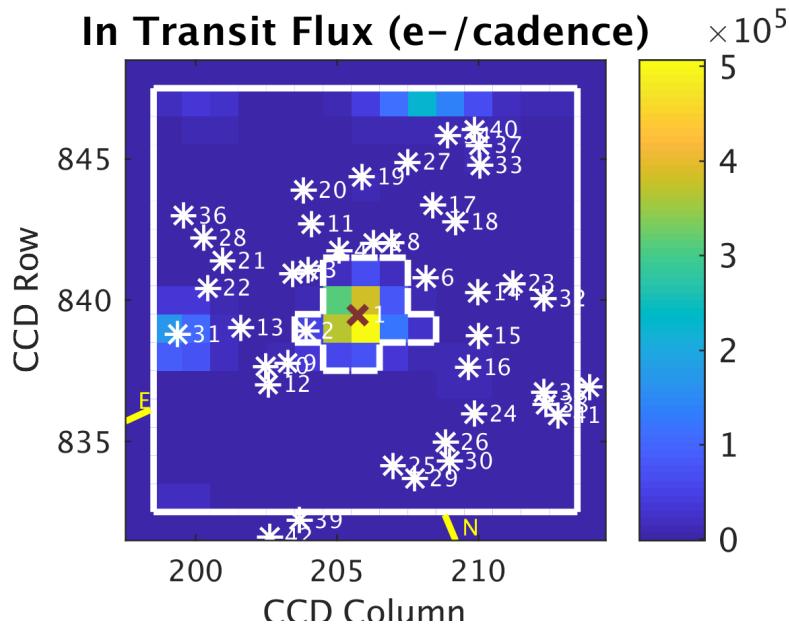
Difference Flux (e-/cadence)



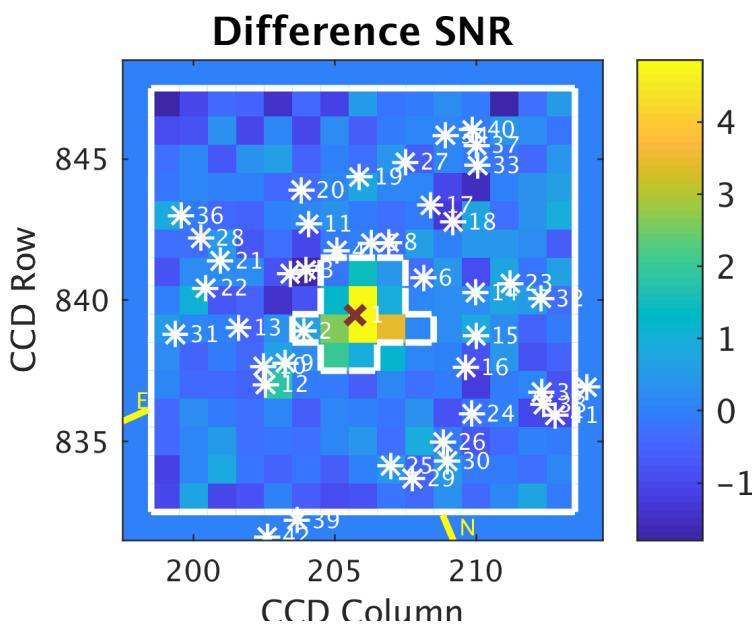
Out of Transit Flux (e-/cadence) $\times 10^5$

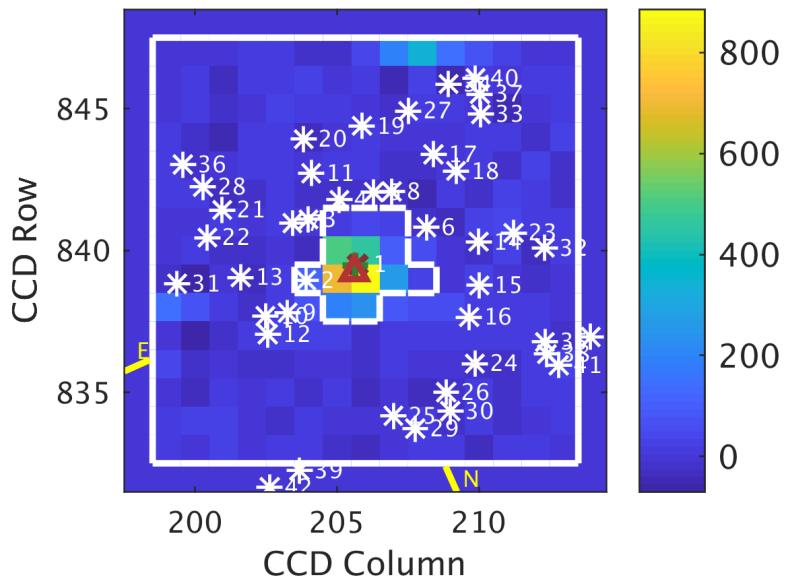
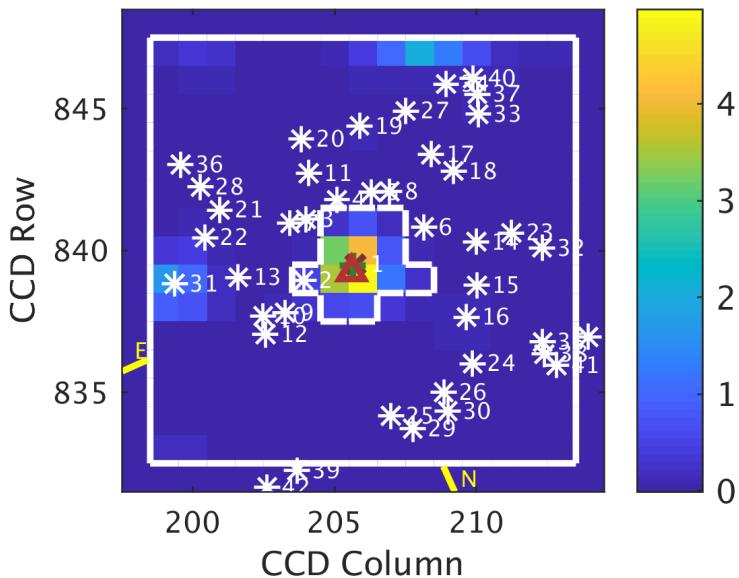
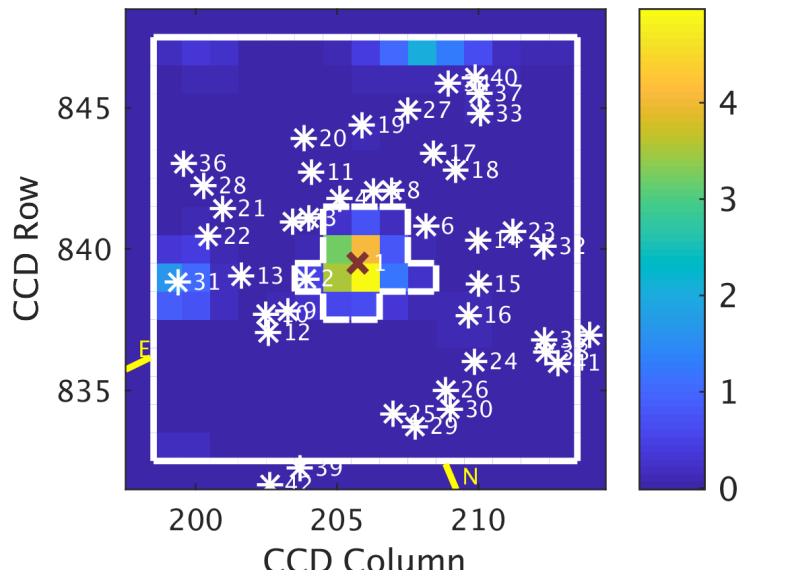
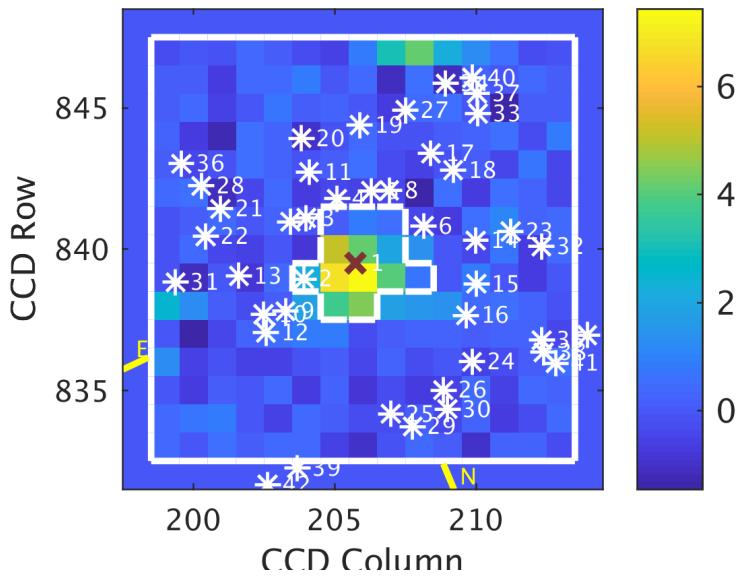


In Transit Flux (e-/cadence) $\times 10^5$

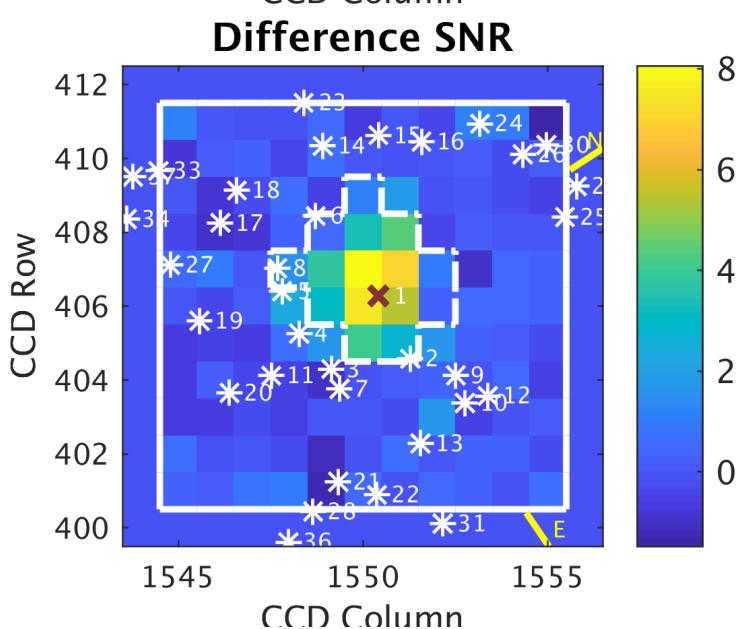
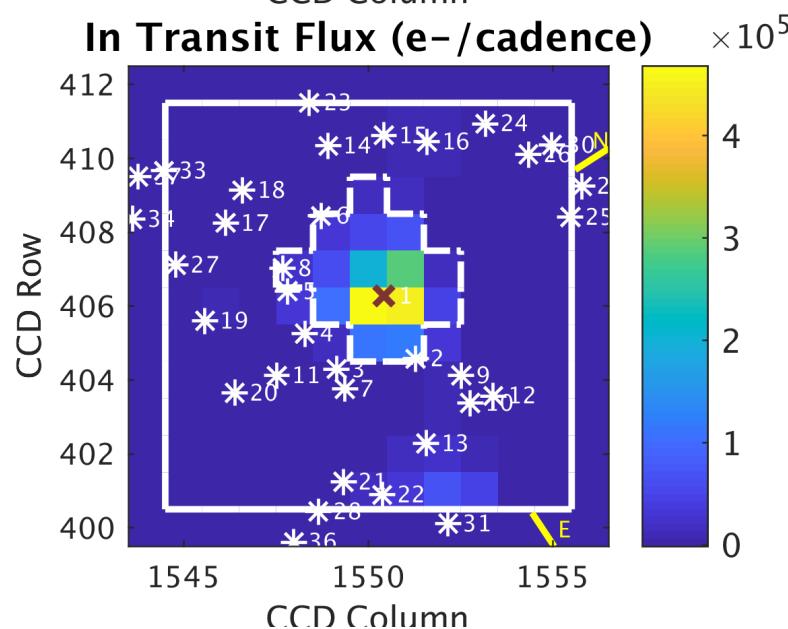
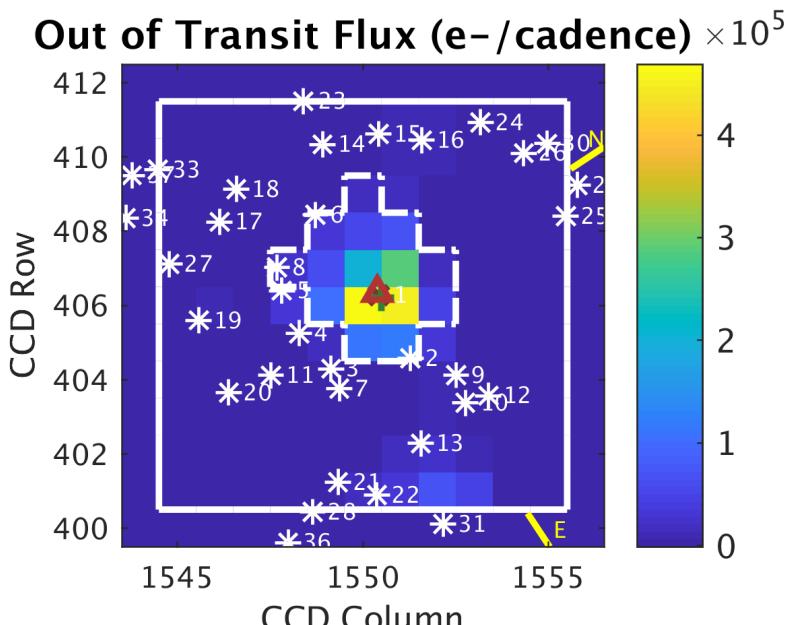
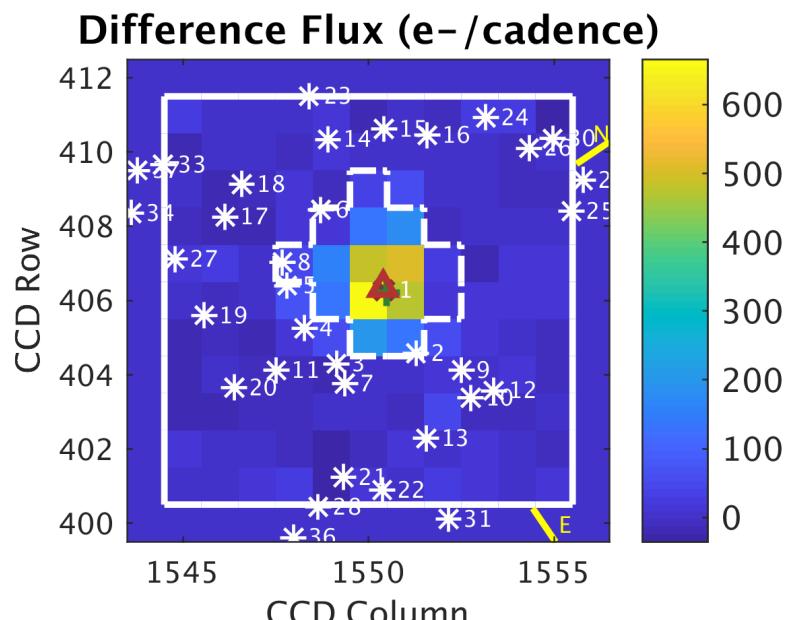


Difference SNR



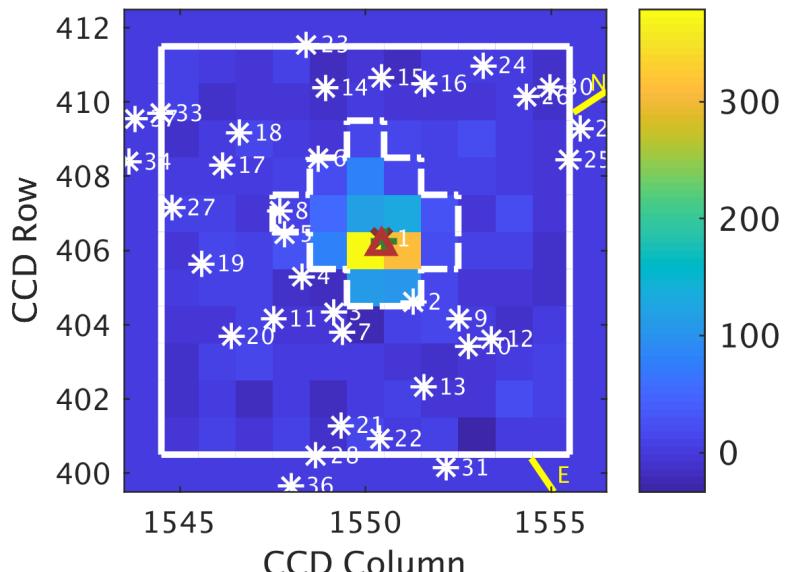
Planet Candidate 3 / Sector 8 / Target Pixel Table 148**Difference Flux (e-/cadence)****Out of Transit Flux (e-/cadence) $\times 10^5$** **In Transit Flux (e-/cadence) $\times 10^5$** **Difference SNR**

Planet Candidate 1 / Sector 5 / Target Pixel Table 136

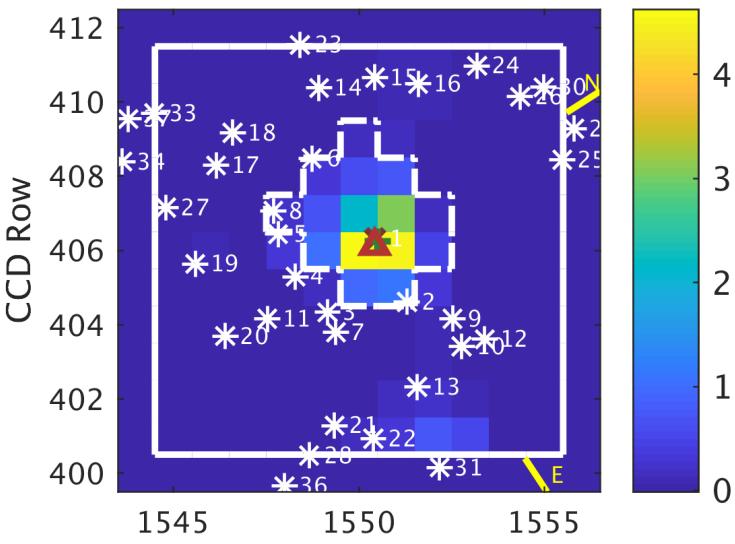


Planet Candidate 2 / Sector 5 / Target Pixel Table 136

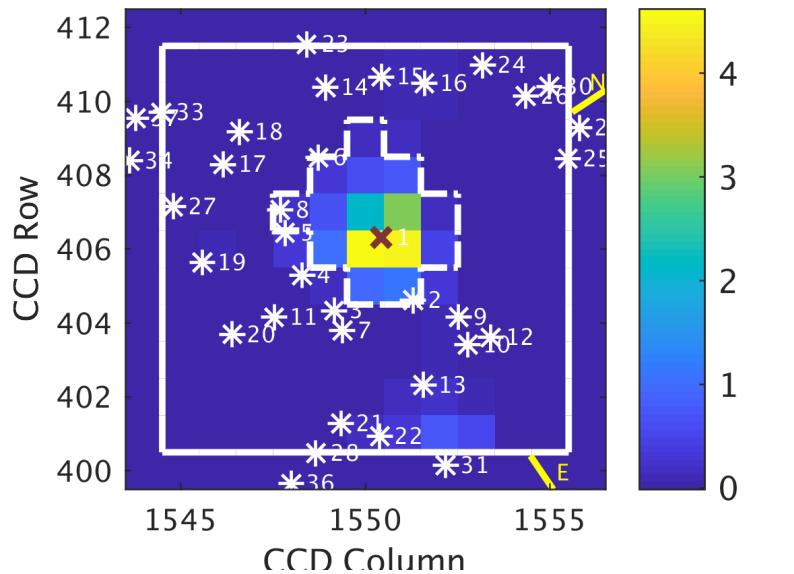
Difference Flux (e-/cadence)



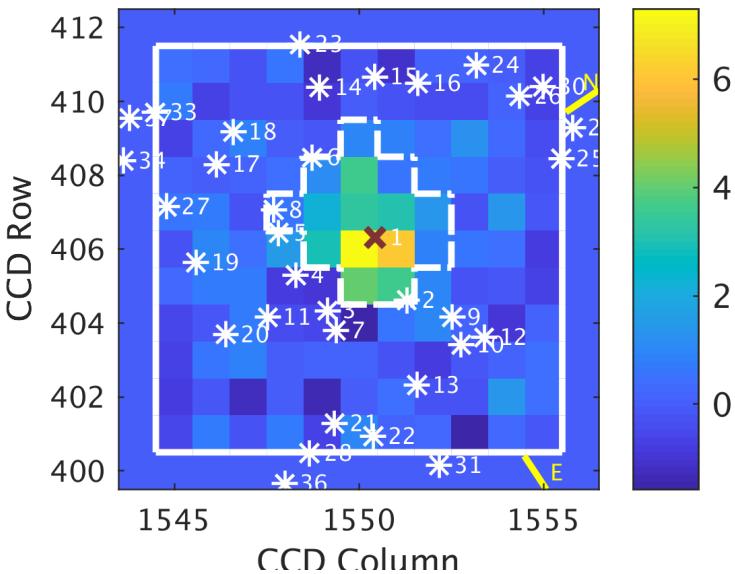
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

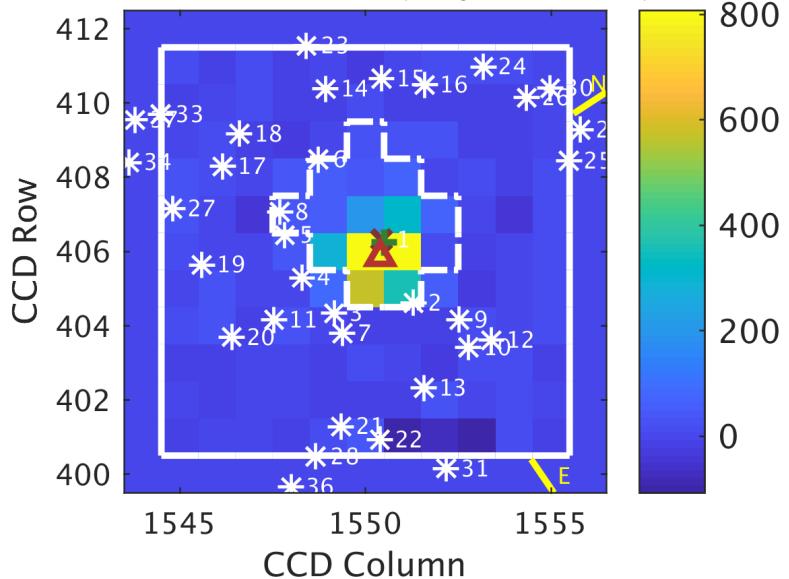


Difference SNR

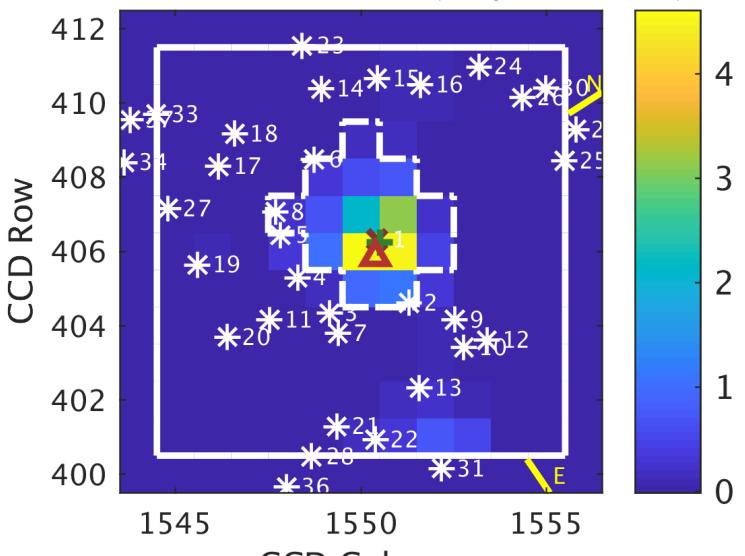


Planet Candidate 3 / Sector 5 / Target Pixel Table 136

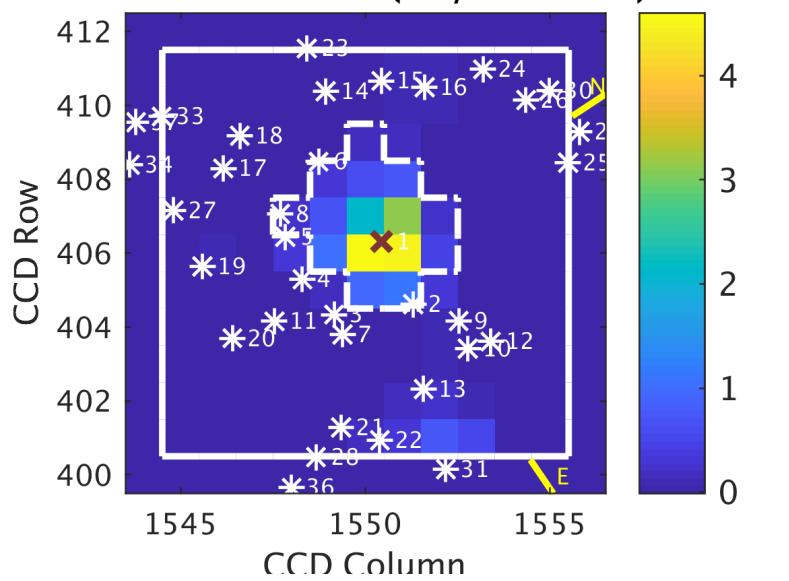
Difference Flux (e-/cadence)



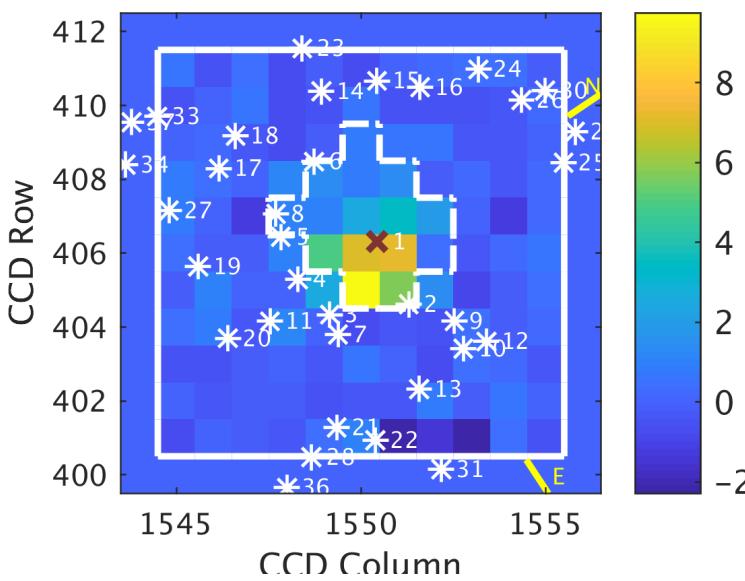
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

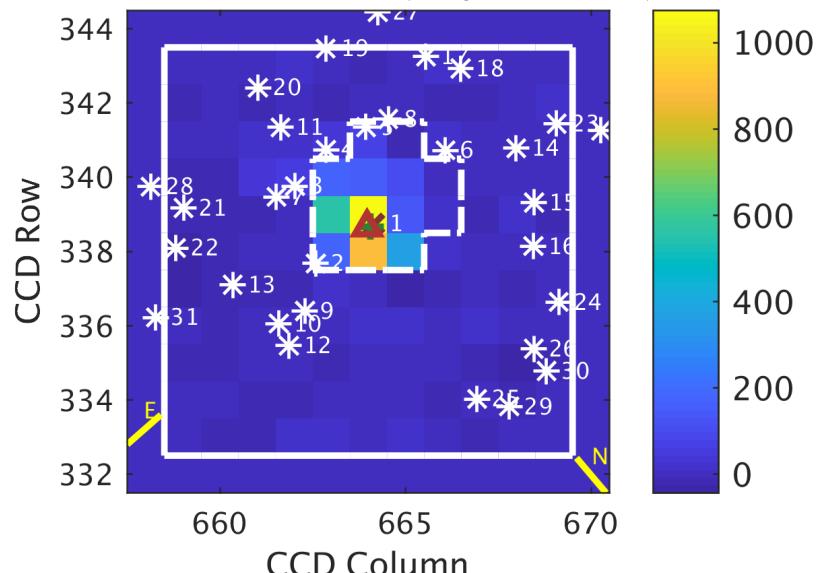


Difference SNR

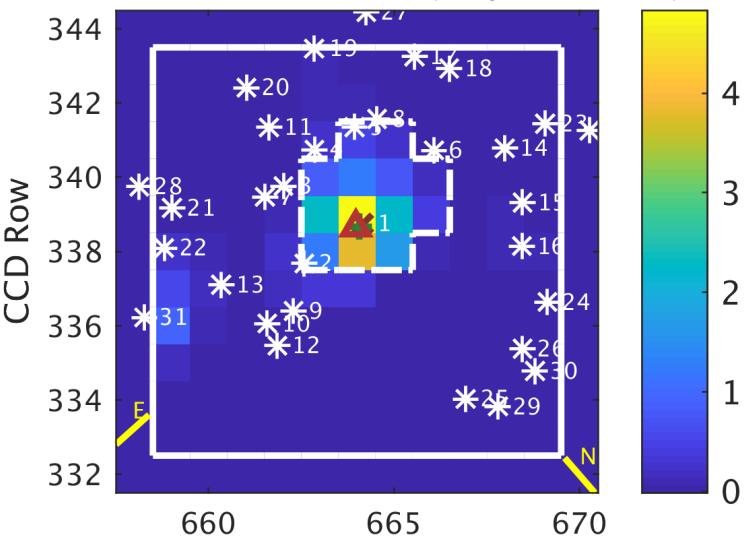


Planet Candidate 1 / Sector 2 / Target Pixel Table 129

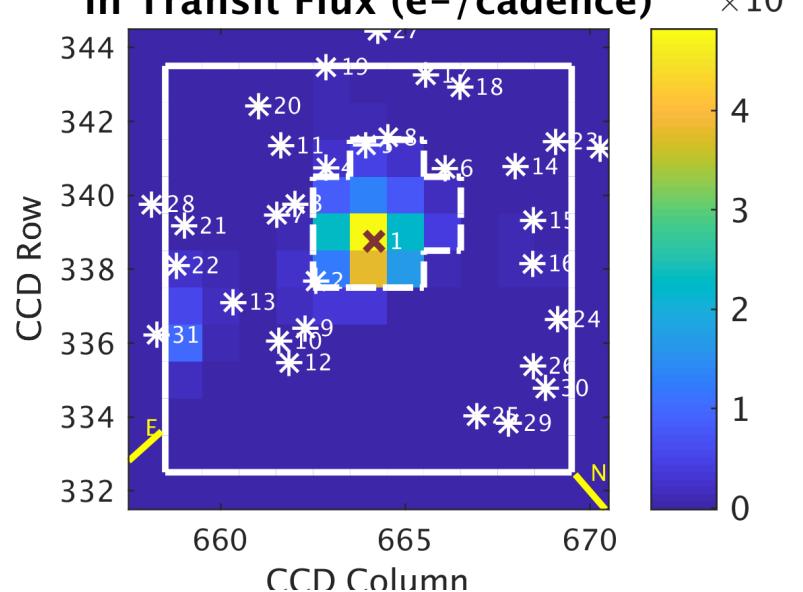
Difference Flux (e-/cadence)



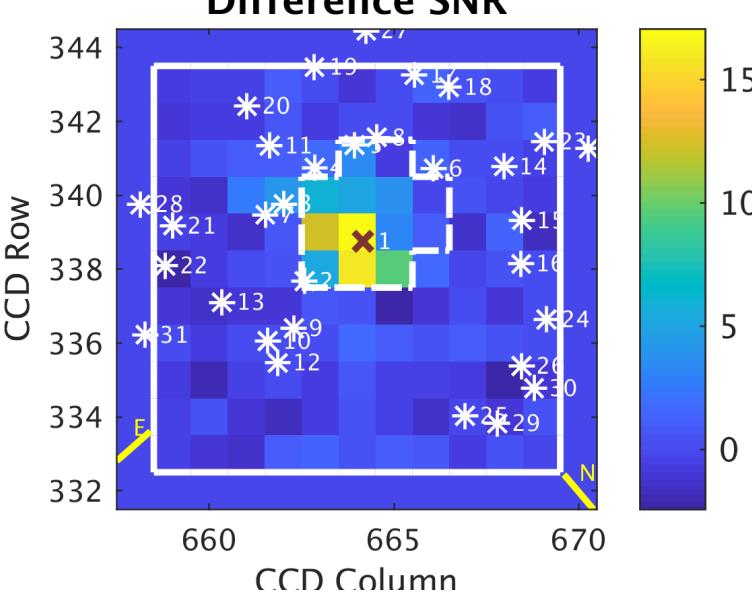
Out of Transit Flux (e-/cadence) $\times 10^5$



In Transit Flux (e-/cadence) $\times 10^5$

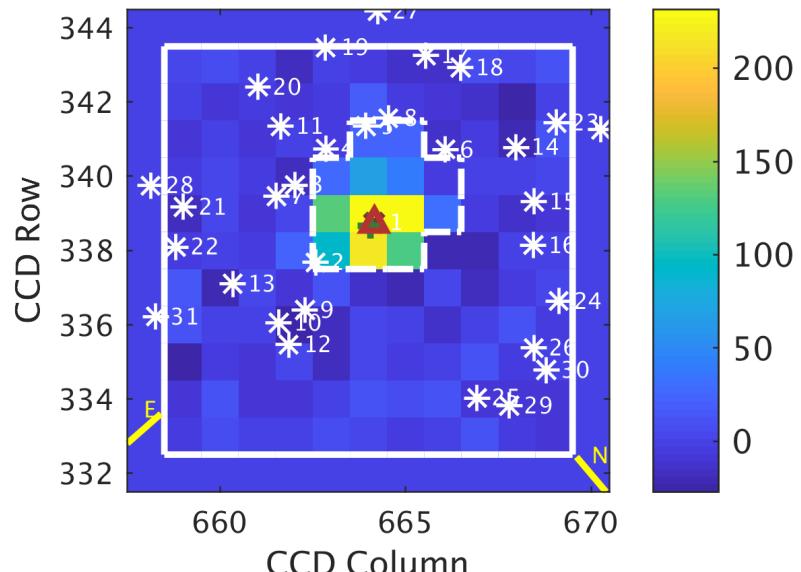


Difference SNR

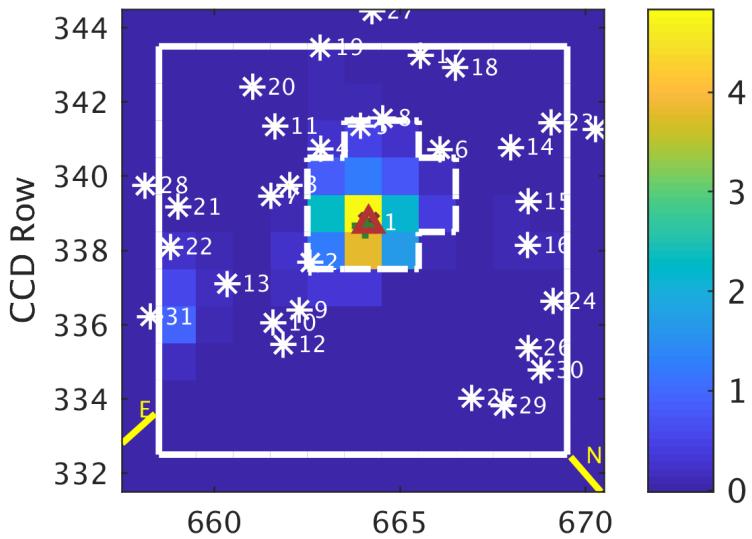


Planet Candidate 2 / Sector 2 / Target Pixel Table 129

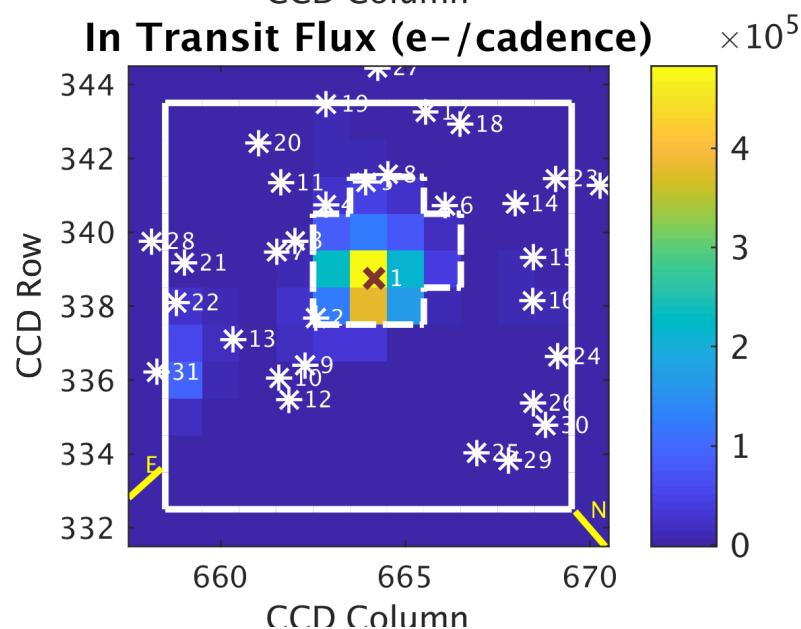
Difference Flux (e-/cadence)



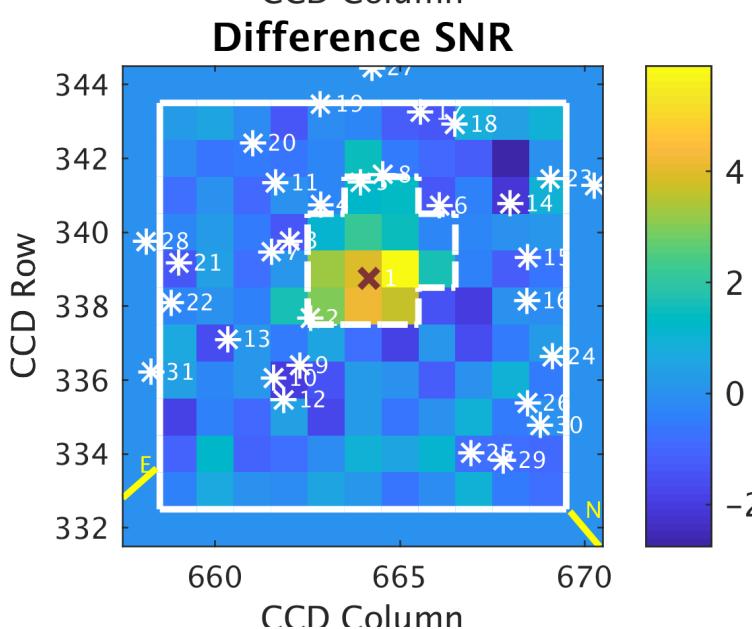
Out of Transit Flux (e-/cadence) $\times 10^5$



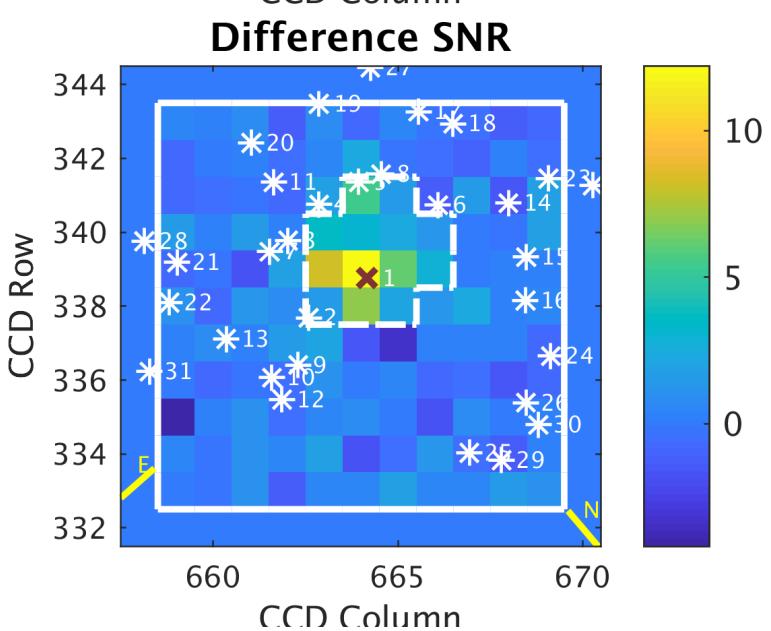
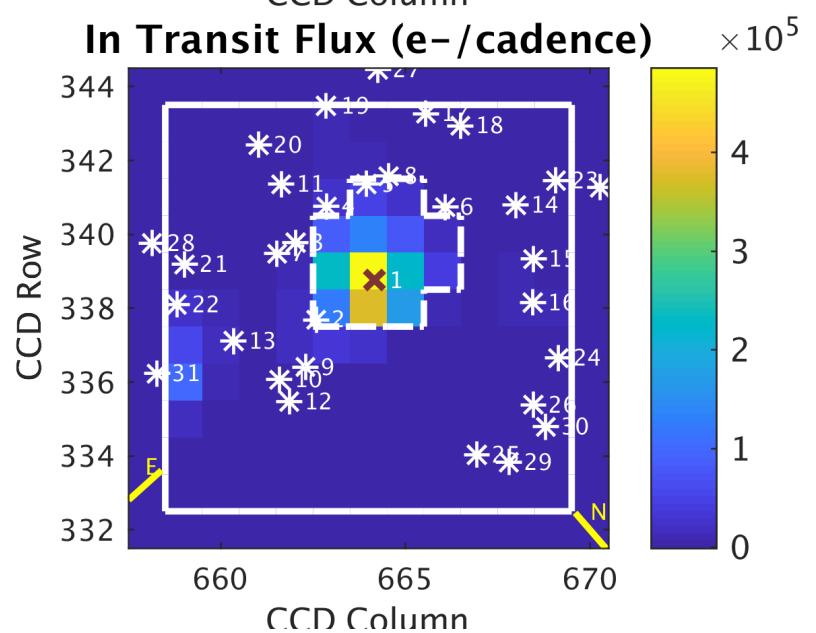
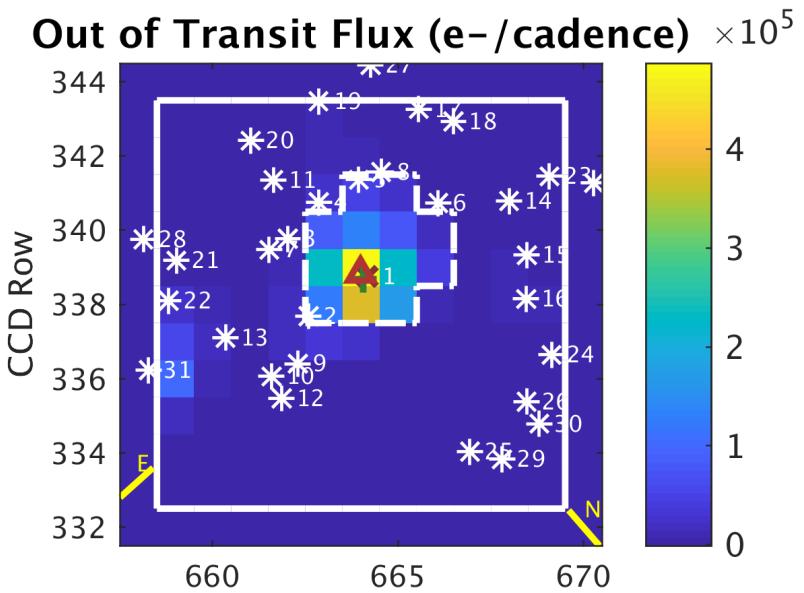
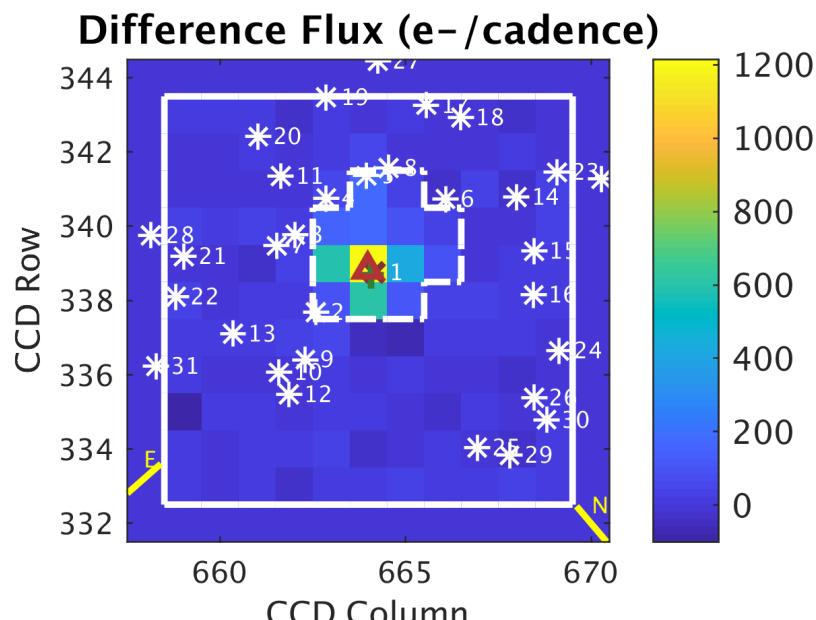
In Transit Flux (e-/cadence) $\times 10^5$

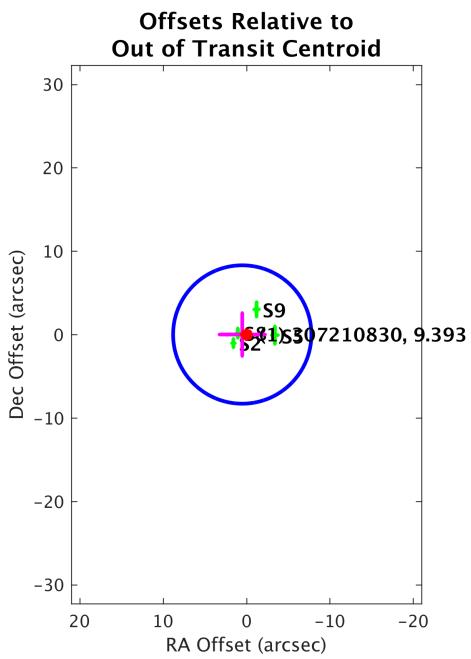


Difference SNR

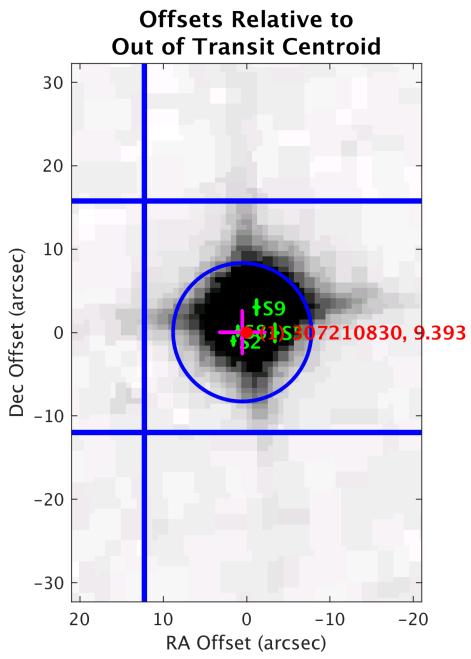
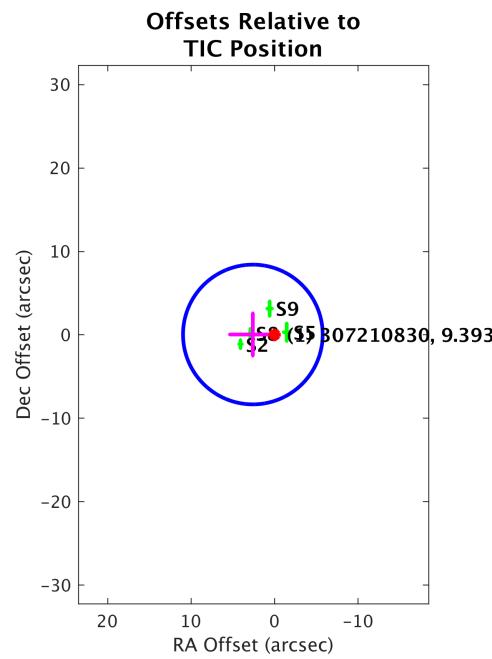


Planet Candidate 3 / Sector 2 / Target Pixel Table 129

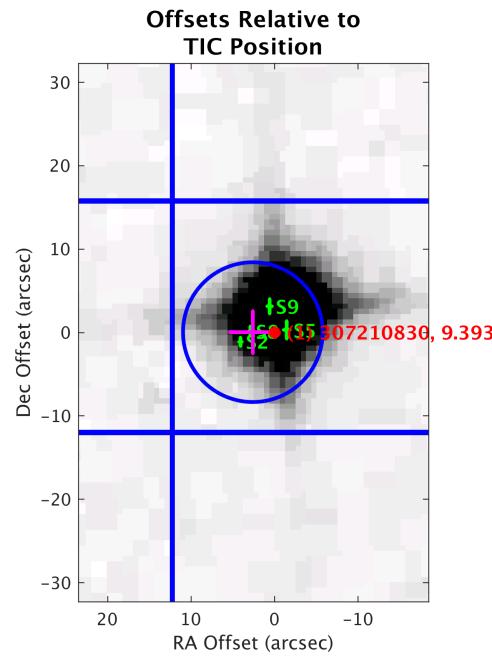


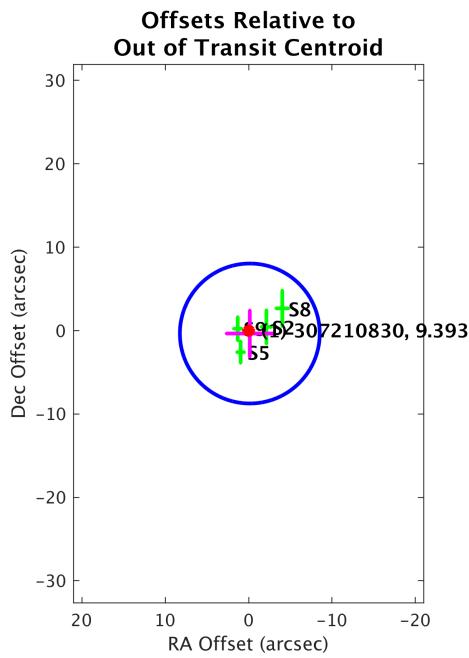


Planet Candidate 1

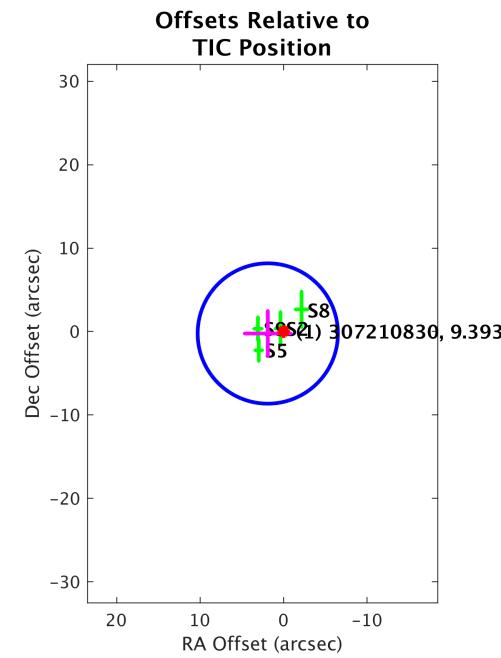


Planet Candidate 1

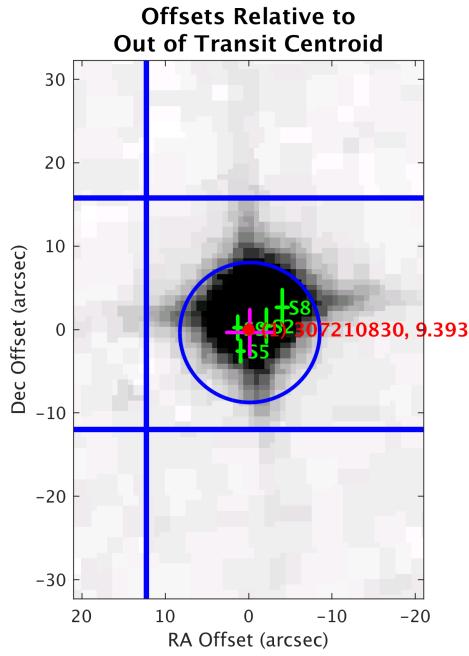




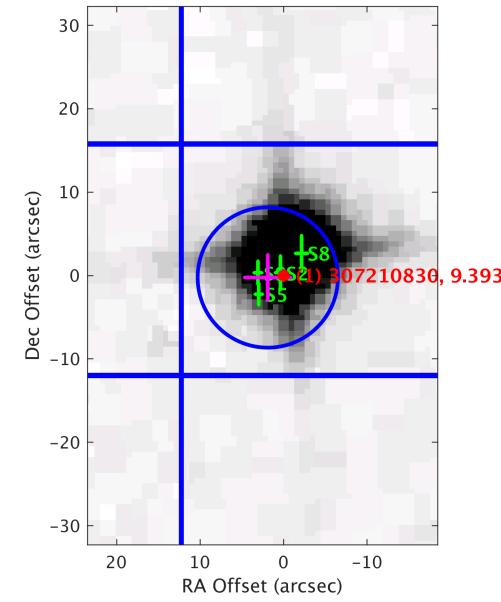
Planet Candidate 2

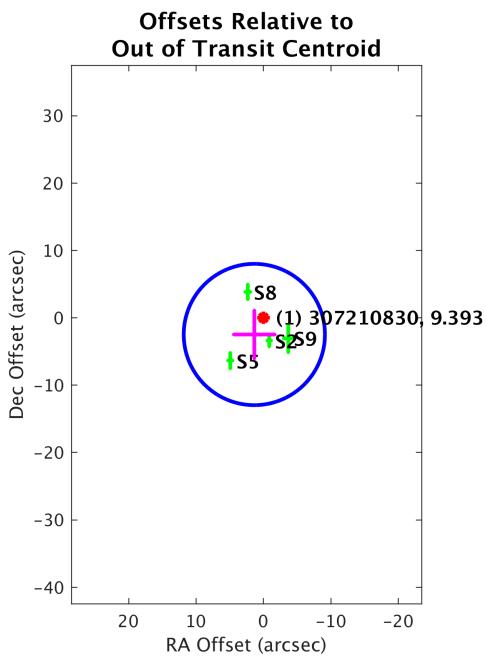


Planet Candidate 2

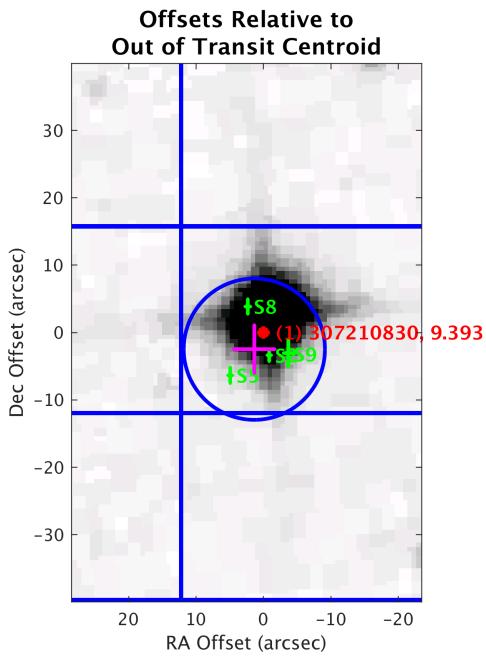
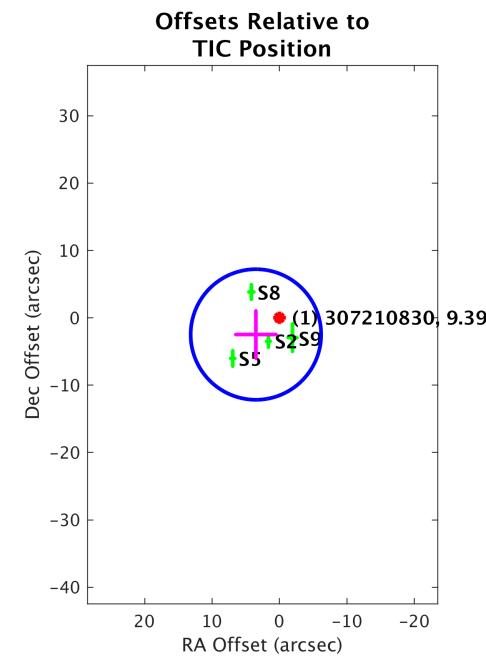


Offsets Relative to TIC Position

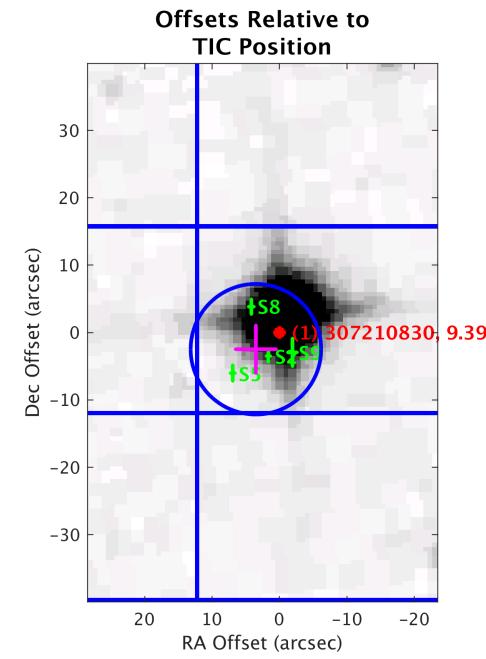


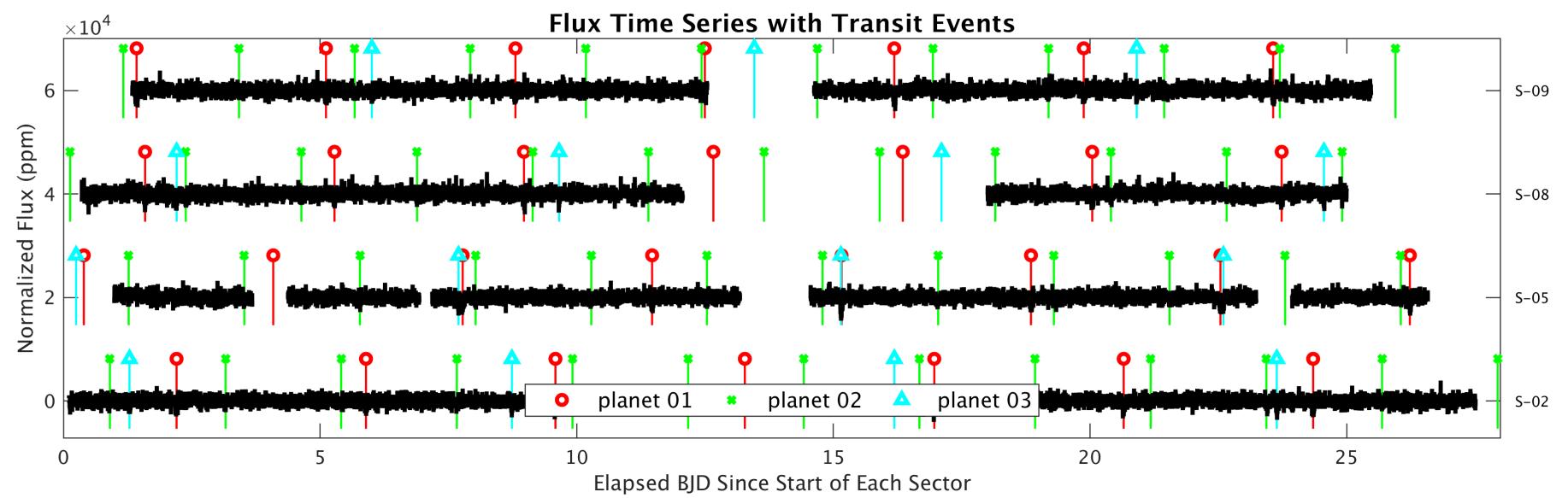
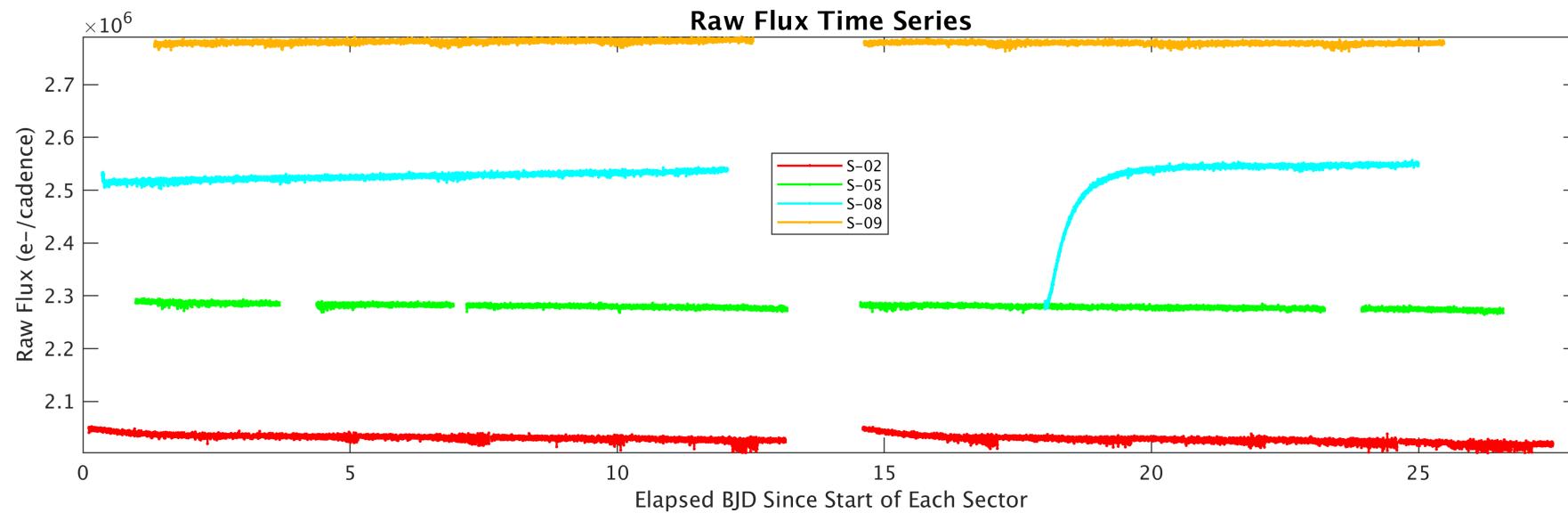


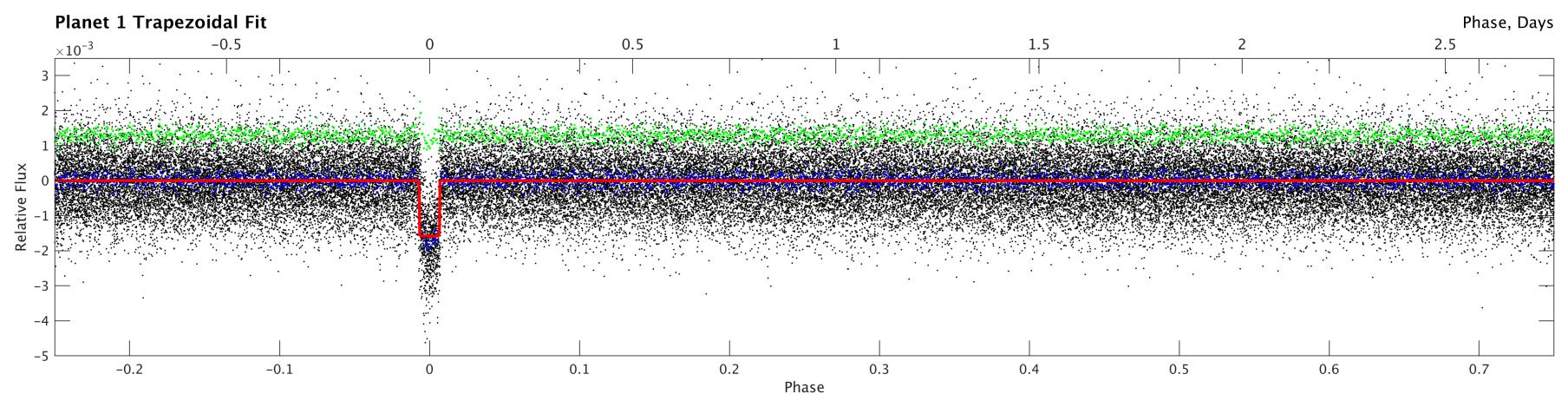
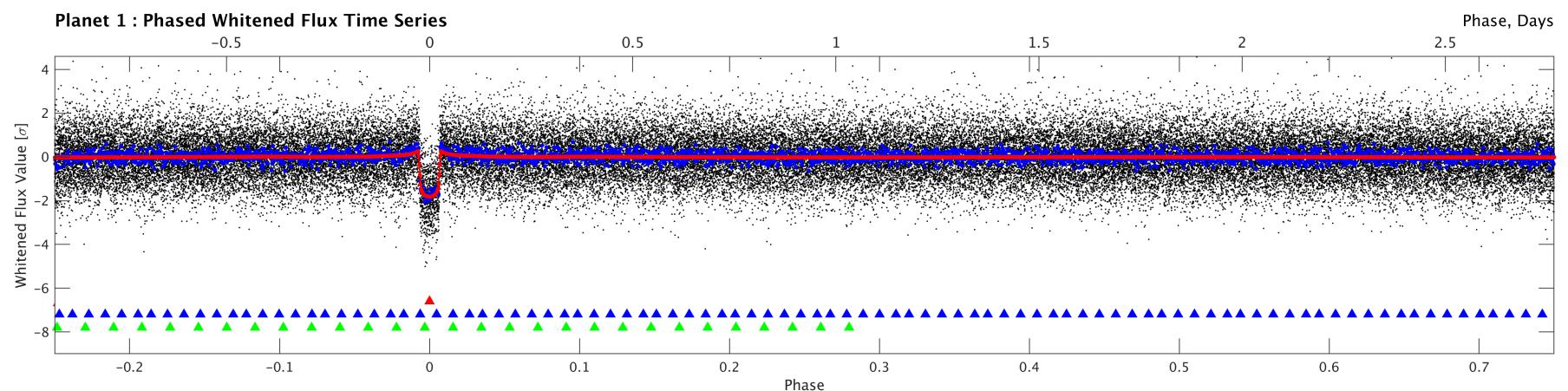
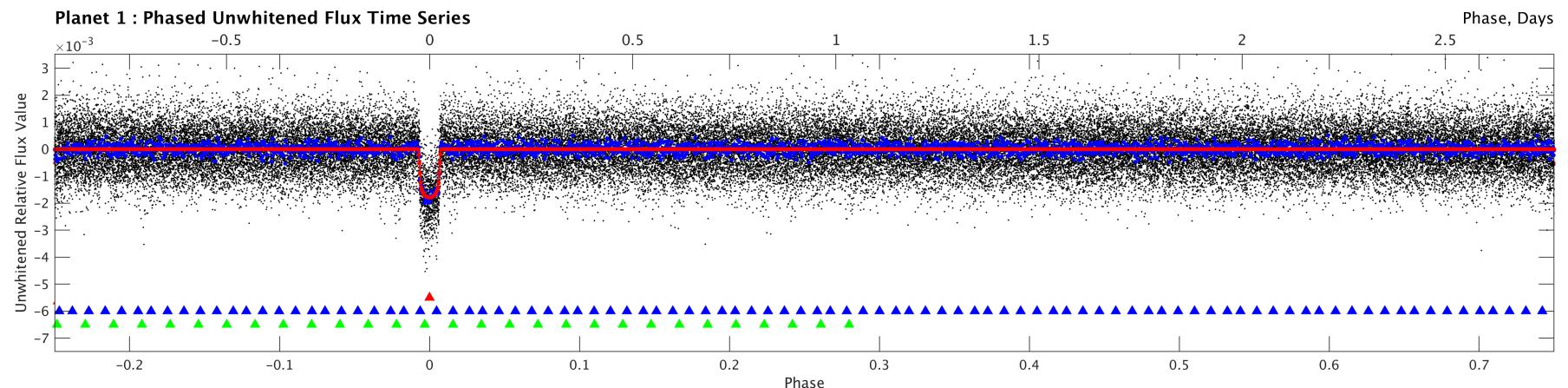
Planet Candidate 3

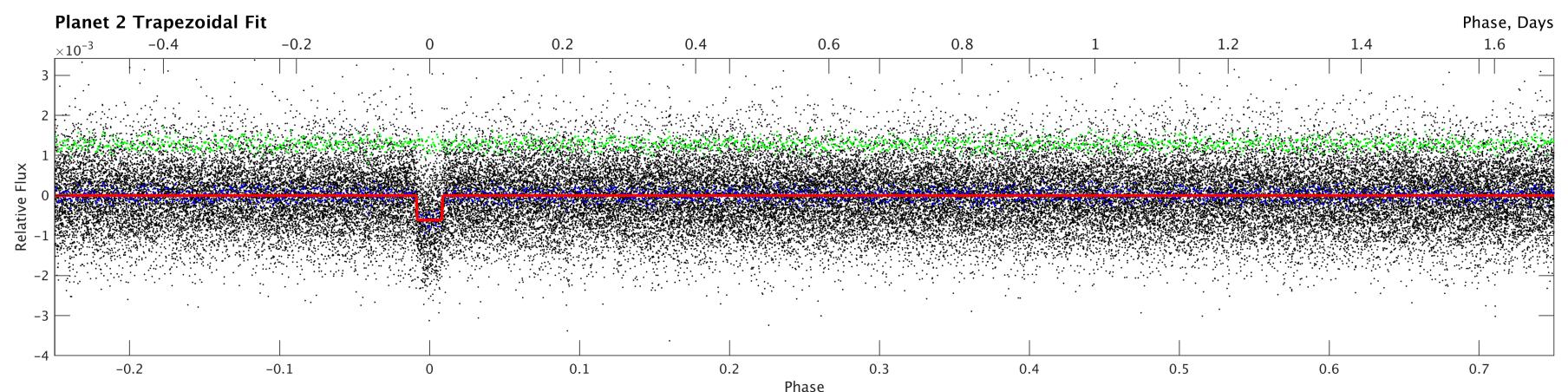
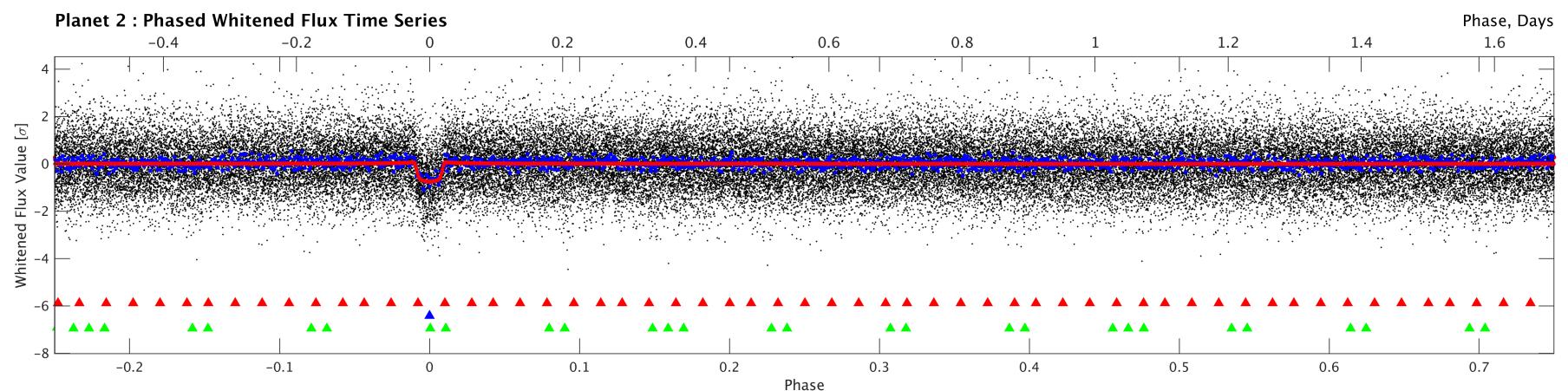
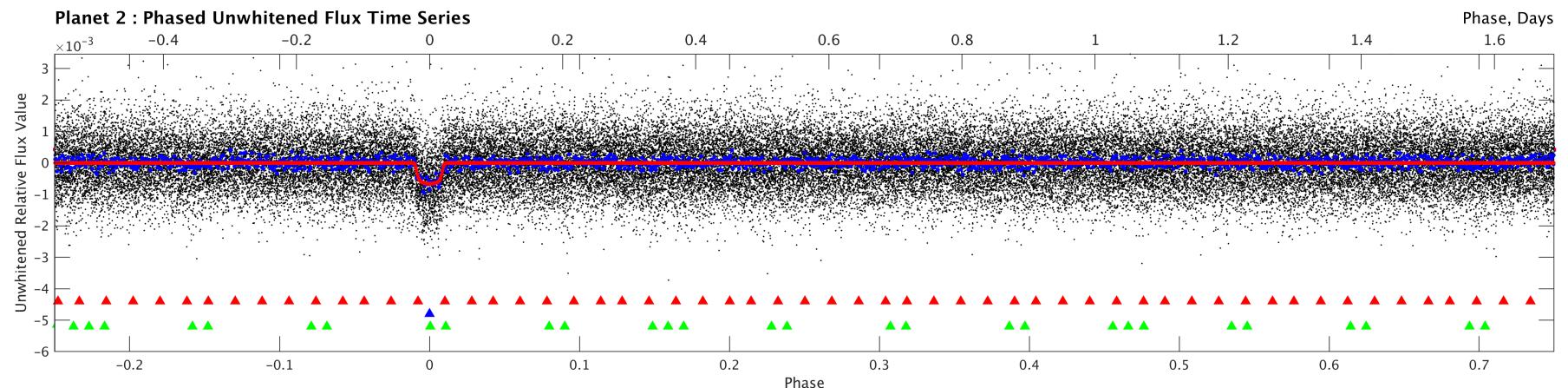


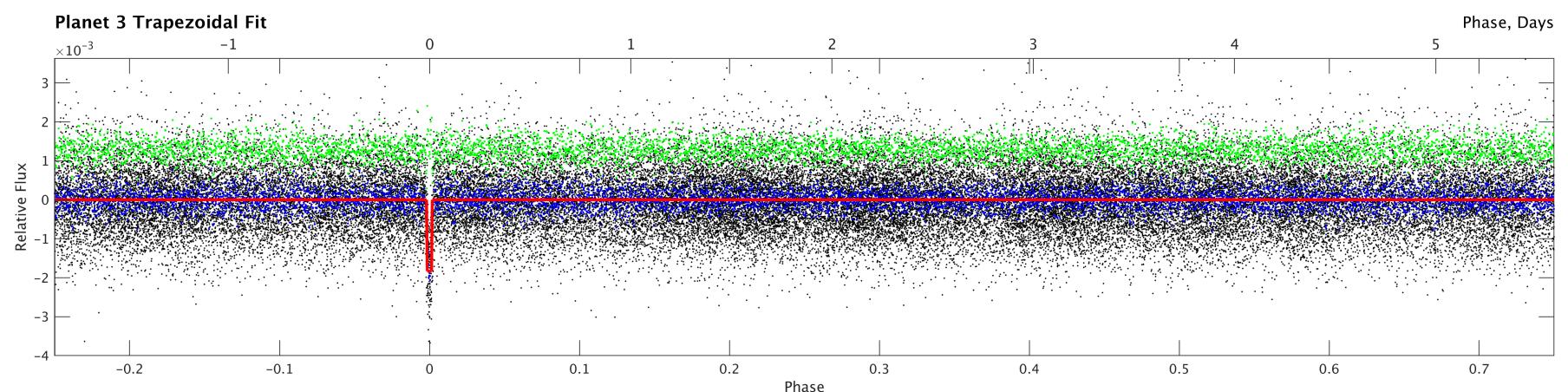
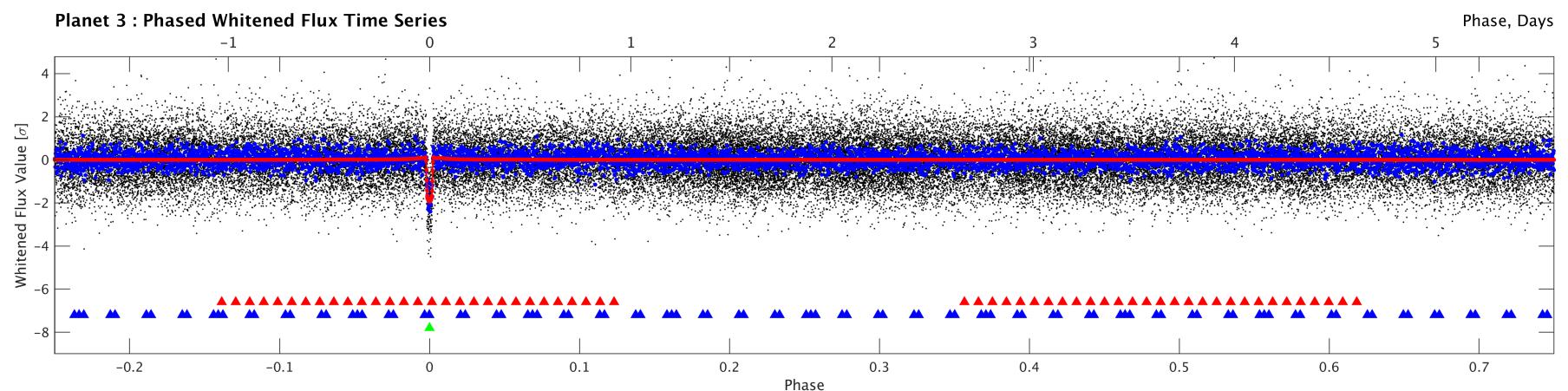
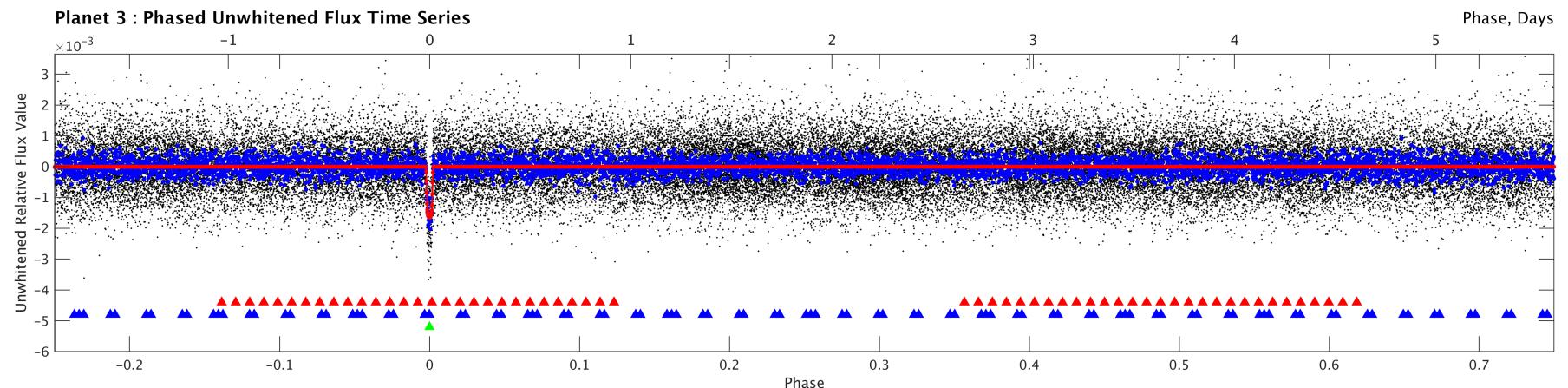
Planet Candidate 3





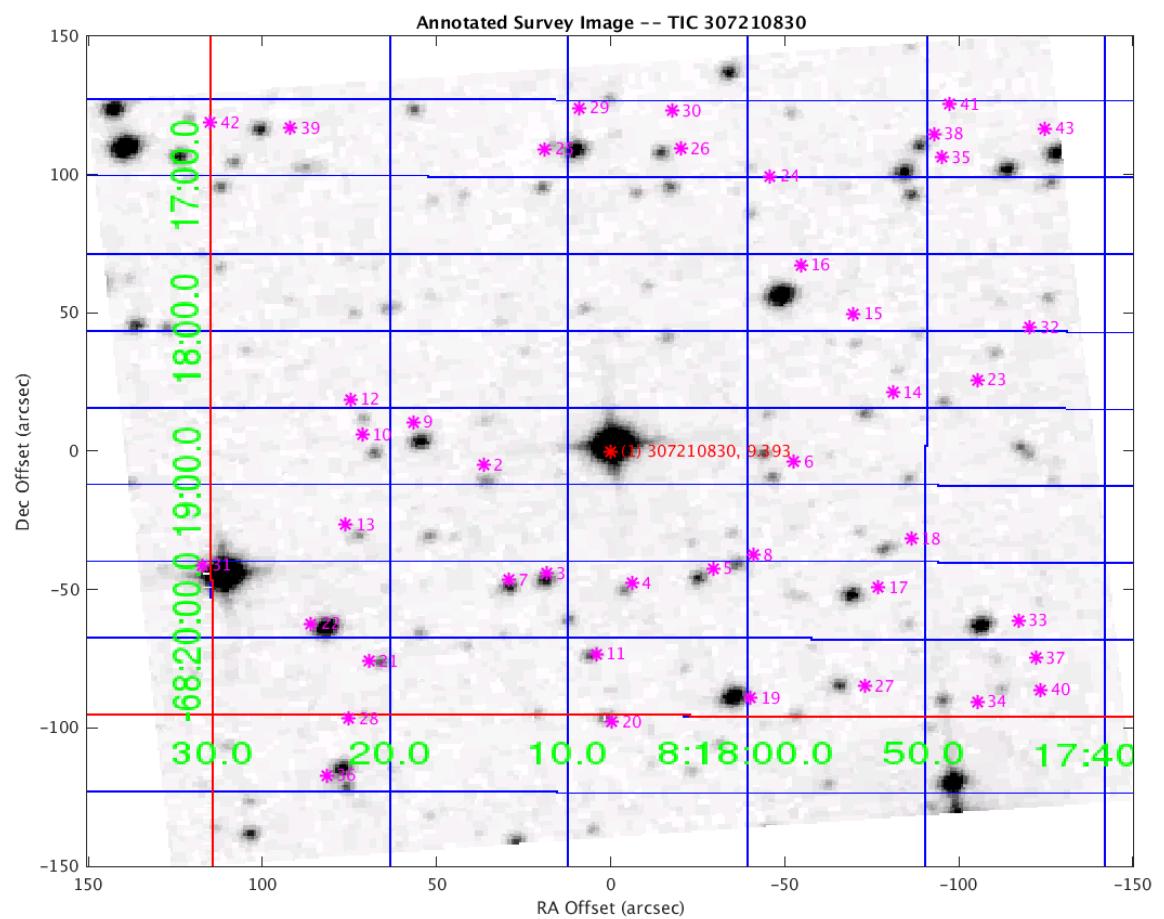






Stellar Distance Table

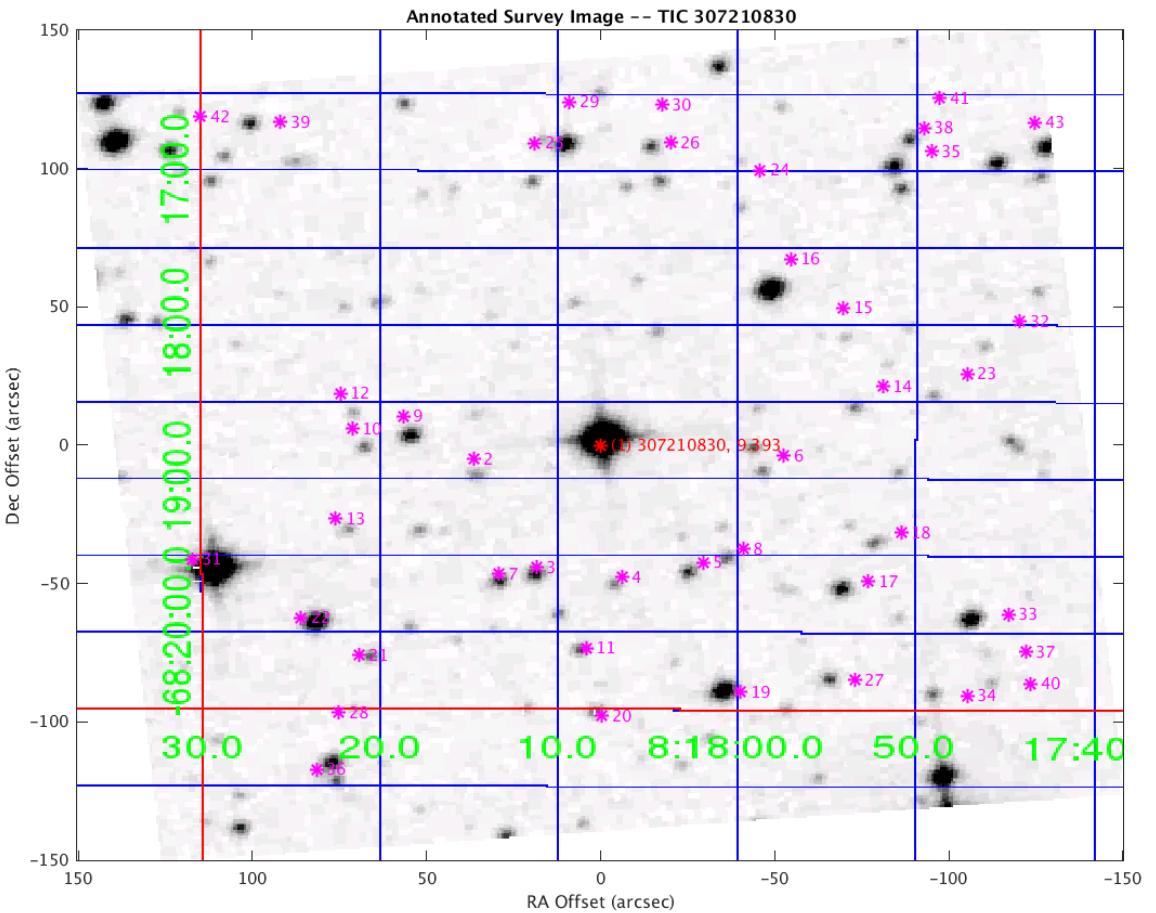
Index	TIC ID	TESS Mag	Distance (arcsec)
1	0000000307210830	9.39	0.00
2	0000000307210836	17.61	36.74
3	0000000307210845	16.04	47.84
4	0000000307210847	17.37	48.07
5	0000000307210844	16.93	51.61
6	0000000307210835	17.59	52.81
7	0000000307210846	16.65	54.95
8	0000000307210842	16.73	55.41
9	0000000307210828	15.09	57.61
10	0000000307210831	17.41	71.48
11	0000000307210850	16.88	73.51
12	0000000307210827	17.52	77.00
13	0000000307210839	17.45	80.65
14	0000000307210826	17.46	83.83
15	0000000307210821	18.66	85.65
16	0000000307210817	13.45	86.73
17	0000000307210848	15.91	91.31
18	0000000307210841	17.37	91.95
19	0000000307210858	14.12	97.71
20	0000000307210862	17.30	97.75
21	0000000307210852	17.43	102.86
22	0000000307217499	14.42	106.25
23	0000000307210825	17.85	108.39
24	0000000307210810	17.72	109.41
25	0000000307210806	16.78	110.72
26	0000000307210805	17.42	111.24
27	0000000307210855	17.00	111.98
28	0000000307210861	18.14	122.37
29	0000000307210796	14.83	124.23
30	0000000307210798	16.90	124.23
31	0000000307217504	10.73	124.39
32	0000000307210823	17.49	128.46
33	0000000307210849	14.94	132.18
34	0000000307210859	17.07	138.84
35	0000000307210807	16.89	142.53
36	0000000307217485	15.61	142.66
37	0000000307210851	16.56	143.03
38	0000000307210803	15.75	147.54
39	0000000307210802	17.81	148.51
40	0000000307210856	17.81	150.65



Distances are corrected for proper motion. This table may not contain all of the objects shown.

Stellar Distance Table – Continued

	TIC	TESS	Distance
Index	ID	Mag	(arcsec)
41	0000000307210793	16.83	158.71
42	0000000307217543	17.66	165.25
43	0000000307210801	15.66	170.66



Distances are corrected for proper motion. This table may not contain all of the objects shown.