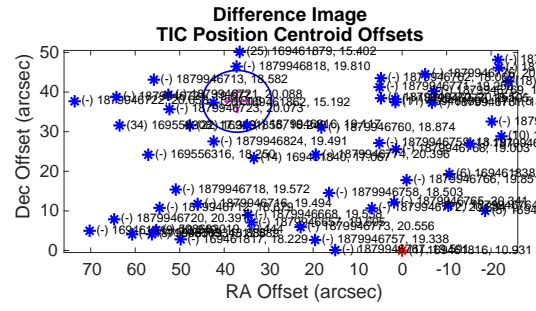
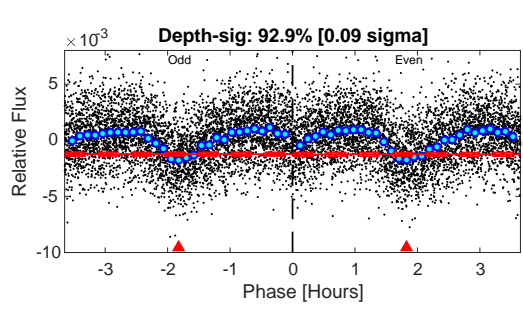
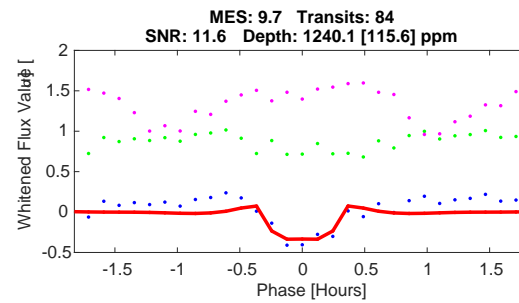
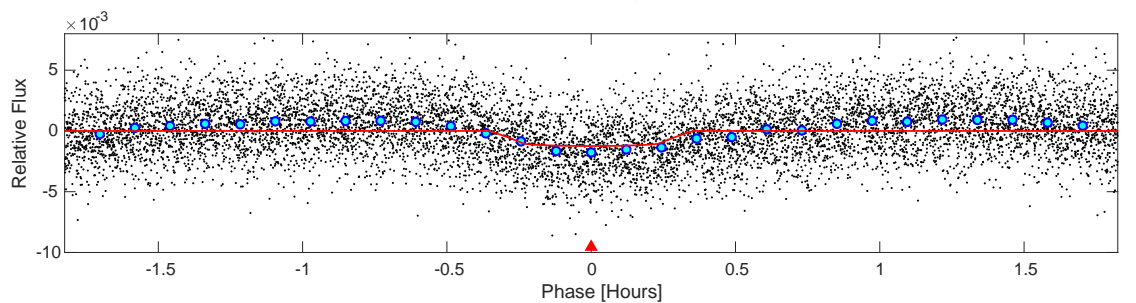
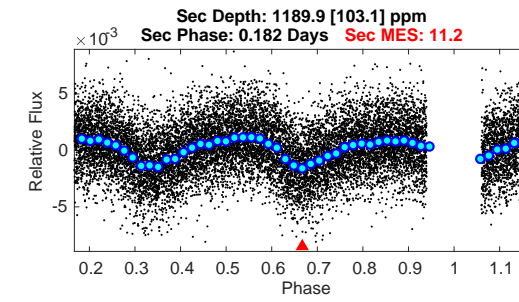
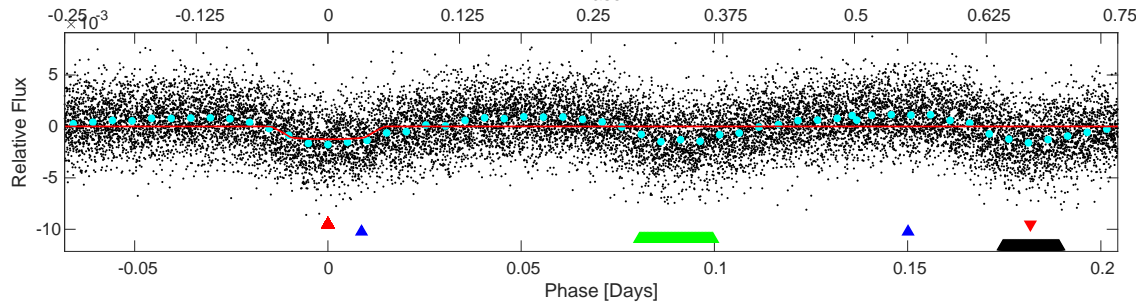
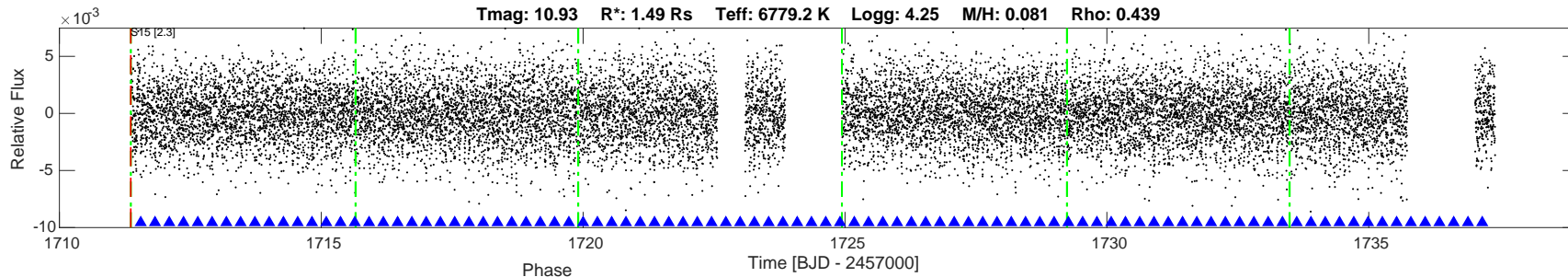


TIC: 169461816 Candidate: 1 of 4 Period: 0.272 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



DV Fit Results:
 Period = 0.27249 [0.00002] d
 Epoch = 1711.5526 [0.0006] BTJD
 Rp/R* = 0.0331 [0.0260]
 R/R* = 3.59 [18.19]
 a = 0.0093 [0.0007] AU
 Rho = 8.348 [127.020]
 Ag = 1.96 [3.09] [0.31 sigma]
 Tp = 6922 [2721] K [1.15 sigma]

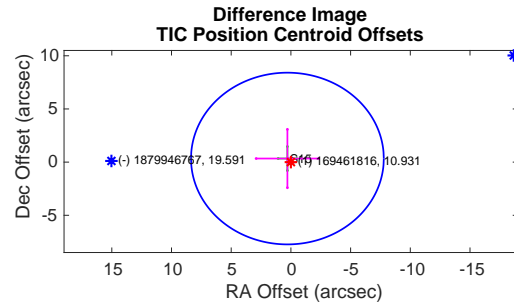
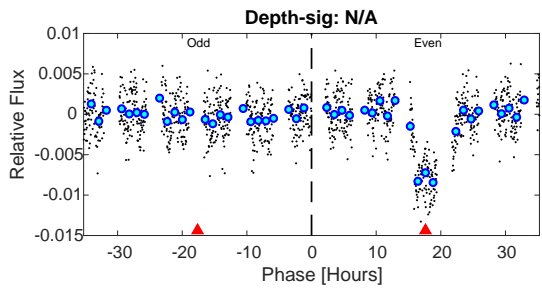
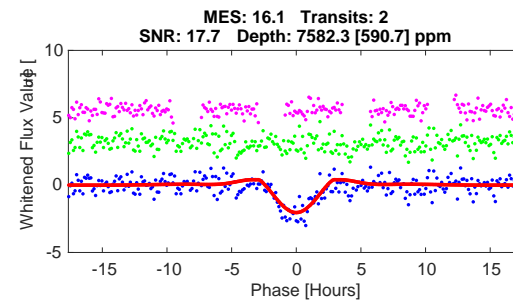
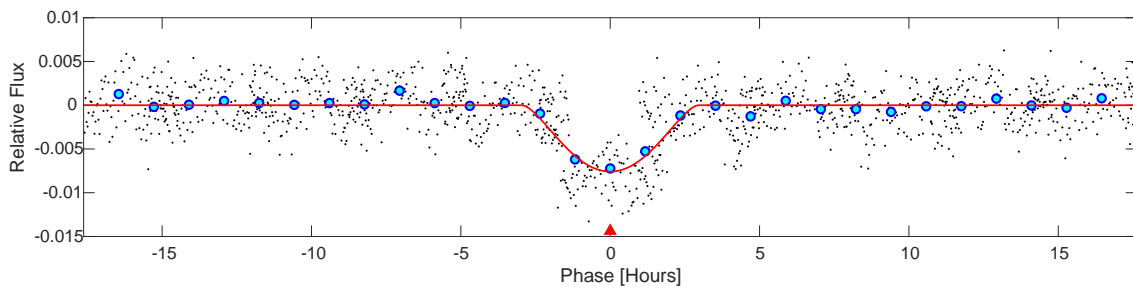
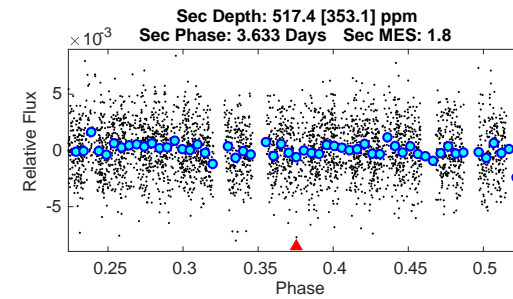
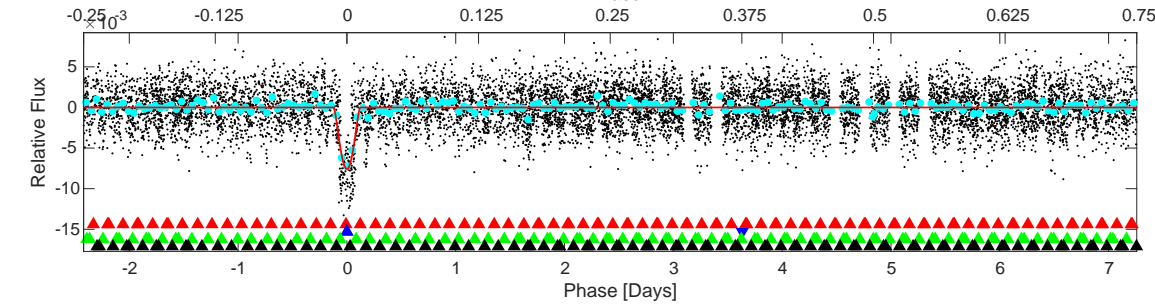
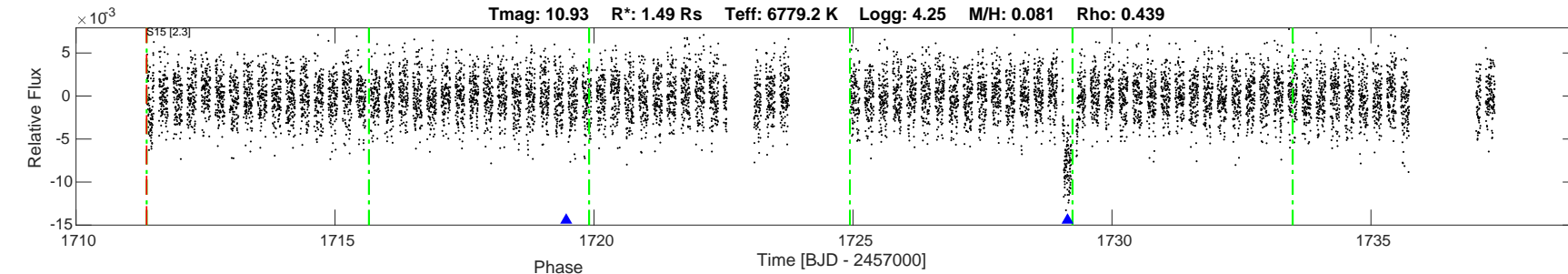
DV Diagnostic Results:
 ShortPeriod-sig: 0.3% [0.00 sigma]
 LongPeriod-sig: 100.0% [38.22 sigma]
 ModelChiSquare2-sig: 96.1%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.442
 OotOffset-rm: 55.093 arcsec [21.25 sigma]
 TicOffset-rm: 52.876 arcsec [20.36 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.24-20200310 -- Date Generated: 11-Mar-2020 23:11:00 Z

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

TIC: 169461816 Candidate: 2 of 4 Period: 9.679 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



DV Fit Results:
 Period = 9.67854 [0.00649] d
 Epoch = 1719.4635 [0.0043] BTJD
 Rp/R* = 0.1312 [0.3280]
 a/R* = 6.96 [3.30]
 b = 0.99 [0.49]
 Seff = 414.54 [63.22]
 Teq = 1151 [44] K
 Rp = 21.35 [53.41] Re
 a = 0.1007 [0.0075] AU
 Rho = 0.048 [0.069]
 Ag = 6.34 [31.99] [0.17 sigma]
 Tp = 2823 [3563] K [0.47 sigma]

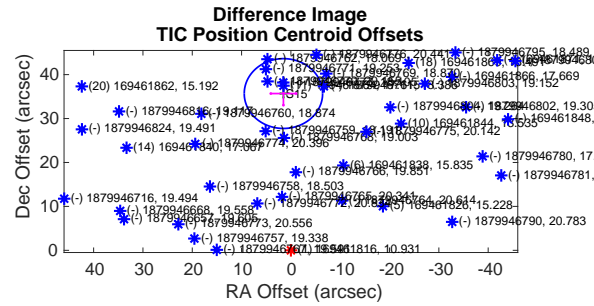
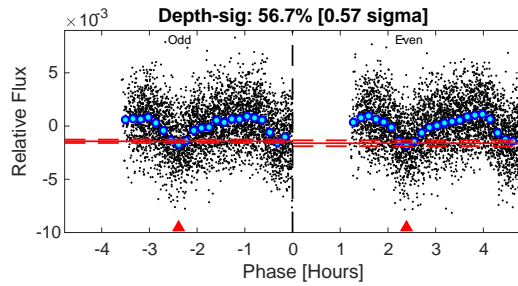
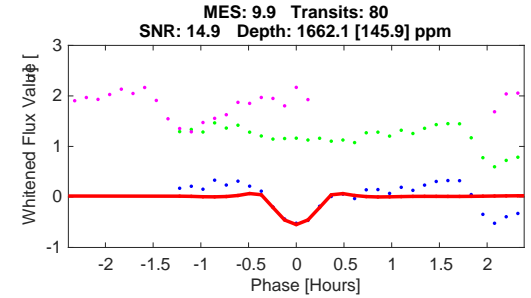
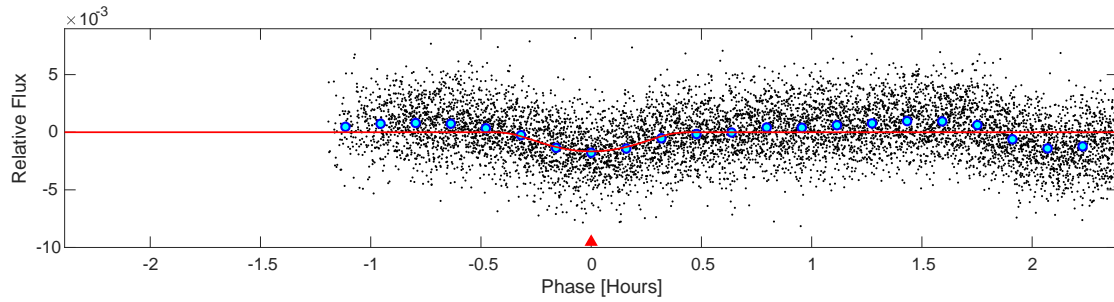
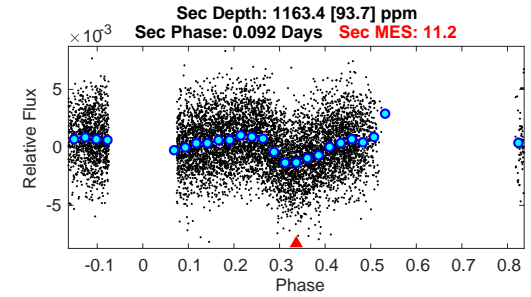
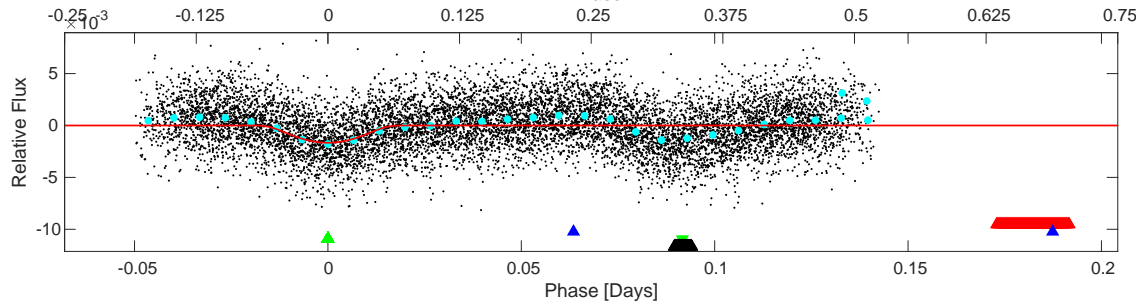
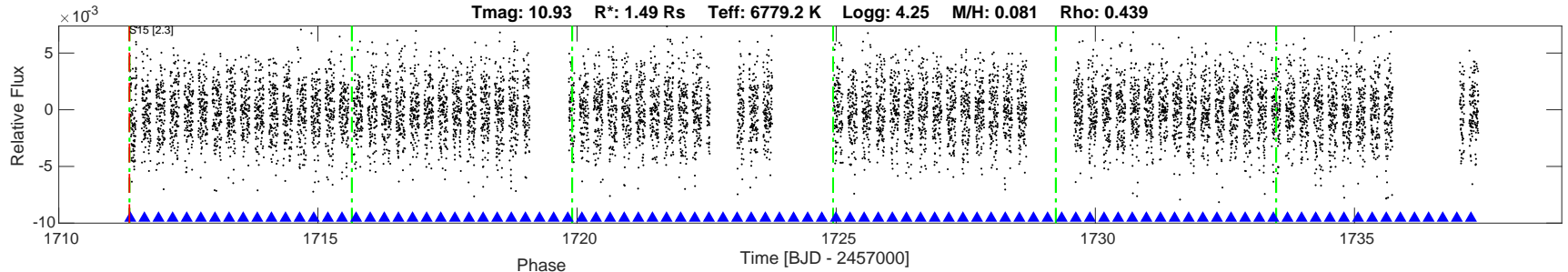
DV Diagnostic Results:
 ShortPeriod-sig: 100.0% [38.22 sigma]
 LongPeriod-sig: N/A
 ModelChiSquare2-sig: 0.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 9.128
 OotOffset-rm: 5.091 arcsec [1.94 sigma]
 TicOffset-rm: 0.447 arcsec [0.17 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 1.00 [1/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.24-20200310 -- Date Generated: 11-Mar-2020 23:11:06 Z

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

TIC: 169461816 Candidate: 3 of 4 Period: 0.272 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



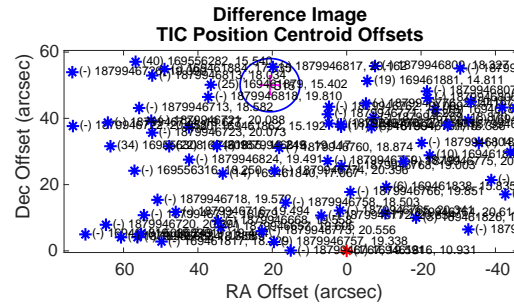
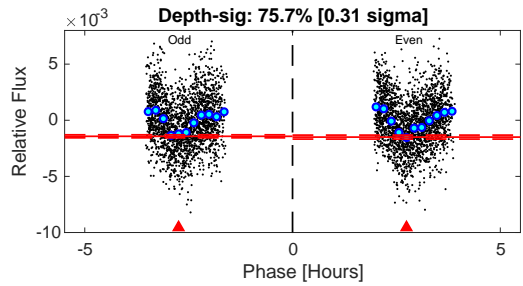
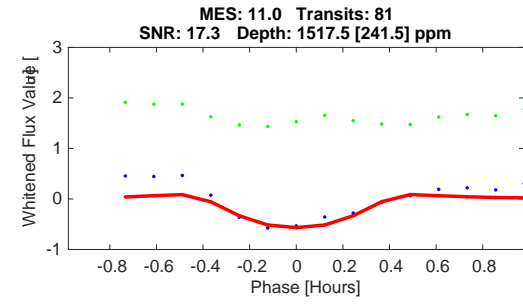
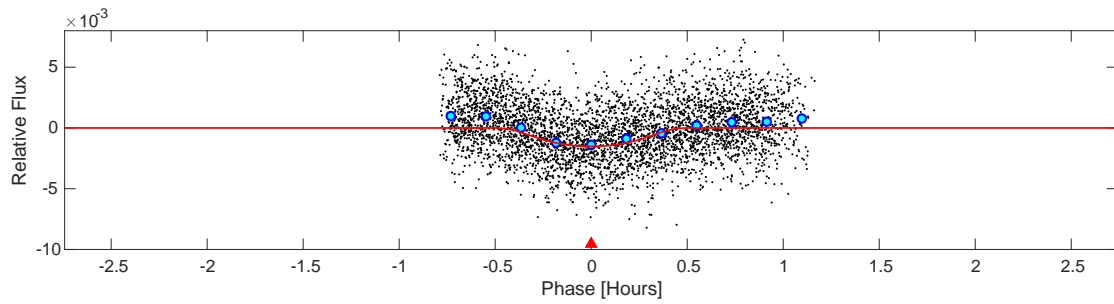
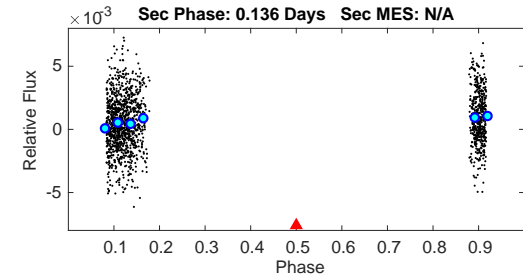
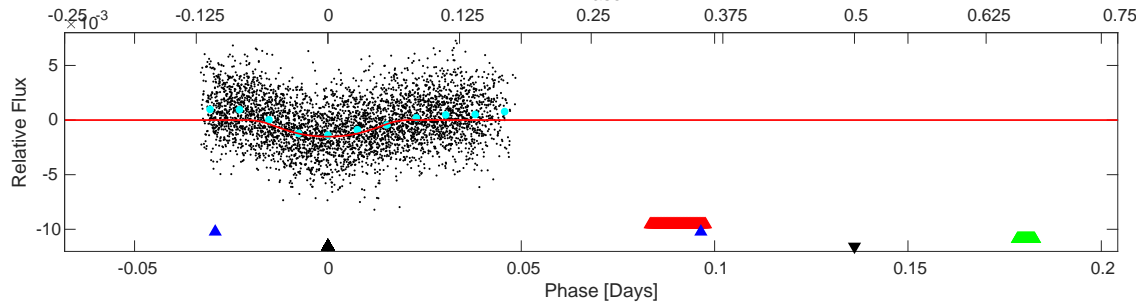
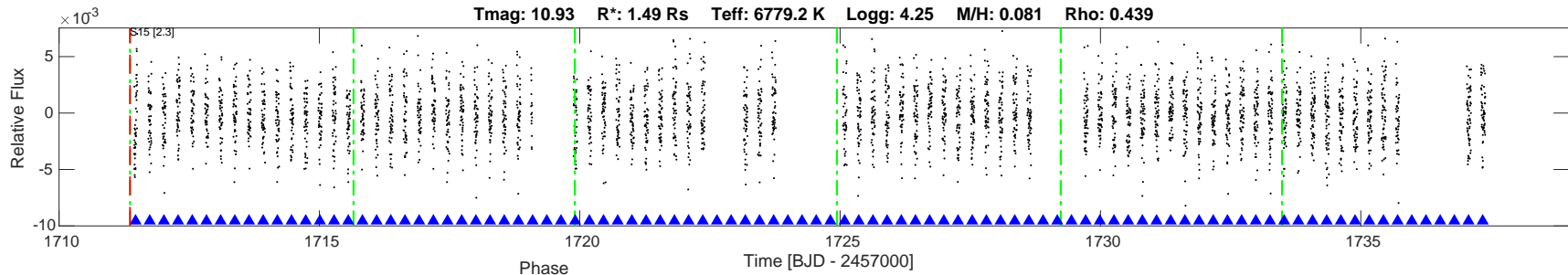
DV Fit Results:
 Period = 0.27229 [0.00002] d
 Epoch = 1711.3797 [0.0009] BTJD
 Rp/R* = 0.0607 [0.0914]
 b/R* = 1.42 [0.22]
 b = 0.99 [0.15]
 Teff = 4847.39 [7388.89]
 Teq = 3784 [144] K
 Rp = 9.88 [14.88] Re
 a = 0.0093 [0.0007] AU
 Rho = 0.520 [0.240]
 Ag = 0.57 [1.72] [-0.25 sigma]
 Tp = 5082 [3827] K [0.34 sigma]

DV Diagnostic Results:
 ShortPeriod-sig: N/A
 LongPeriod-sig: 0.1% [0.00 sigma]
 ModelChiSquare2-sig: 100.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.4776
 OotOffset-rm: 34.555 arcsec [13.06 sigma]
 TicOffset-rm: 35.722 arcsec [13.49 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.24-20200310 -- Date Generated: 11-Mar-2020 23:11:12 Z

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

TIC: 169461816 Candidate: 4 of 4 Period: 0.272 d



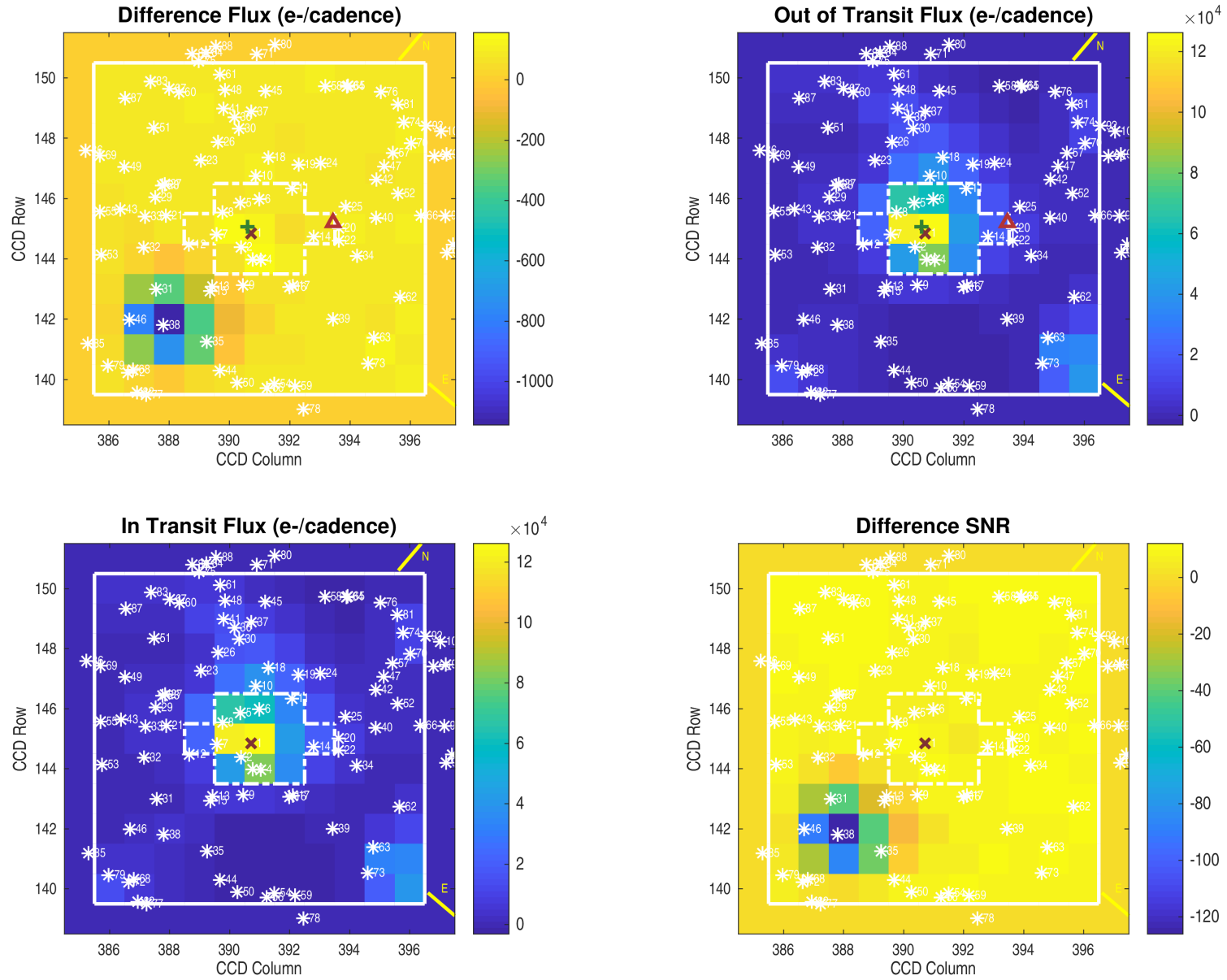
DV Fit Results:
 Period = 0.27234 [0.00002] d
 Epoch = 1711.4693 [0.0009] BTJD
 Rp/R* = 0.0450 [0.0101]
 a/R* = 1.36 [0.10]
 b = 0.96 [0.03]
 Teff = 48436.19 [7387.19]
 Teq = 3784 [144] K
 Rp = 7.32 [1.68] Re
 a = 0.0093 [0.0007] AU
 Rho = 0.451 [0.101]

DV Diagnostic Results:
 ShortPeriod-sig: 0.1% [0.00 sigma]
 LongPeriod-sig: 0.3% [0.00 sigma]
 ModelChiSquare2-sig: 100.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.721
 OutOffset-rm: 54.538 arcsec [20.43 sigma]
 TicOffset-rm: 54.106 arcsec [20.21 sigma]
 OutOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

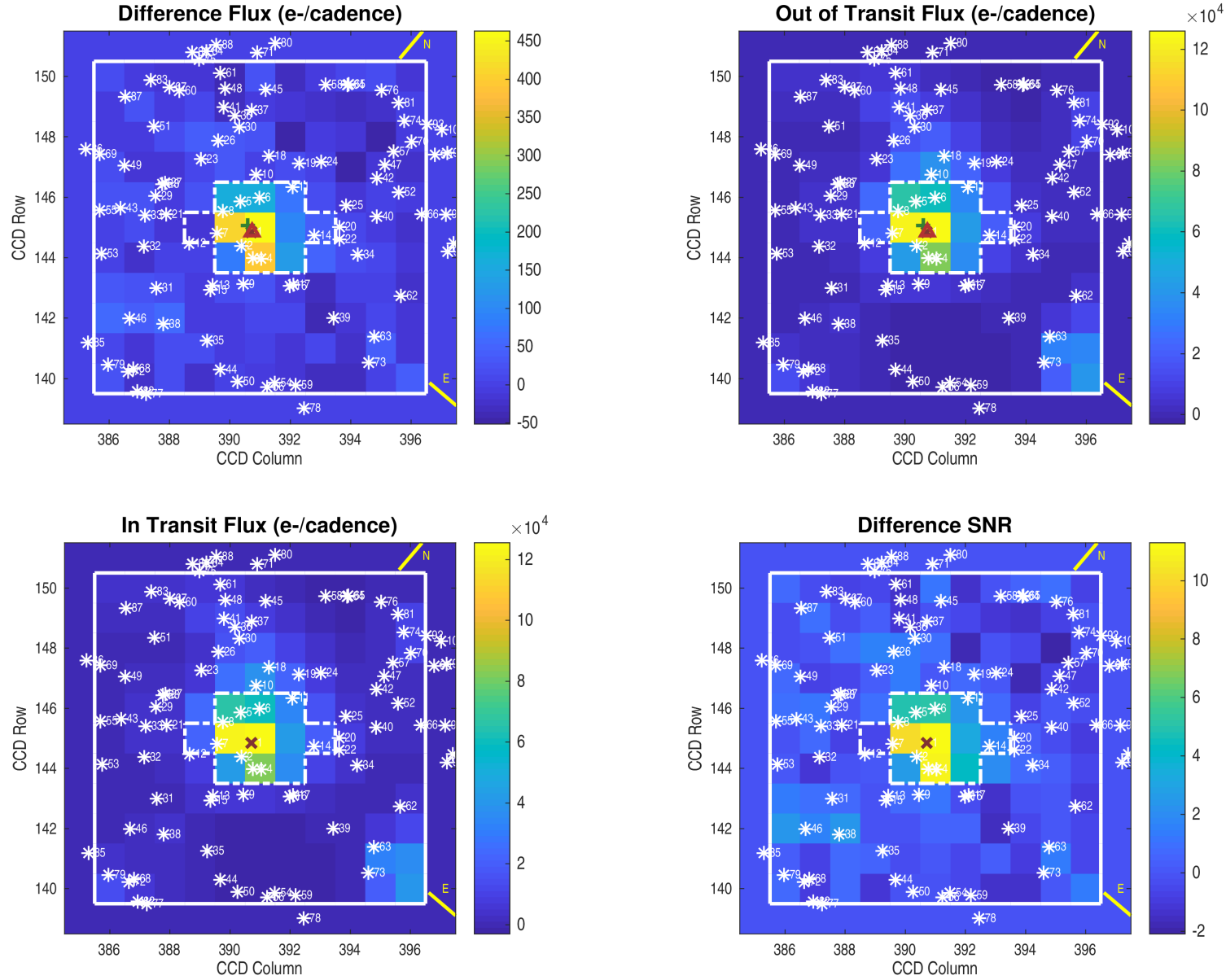
Software Revision: spoc-4.0.24-20200310 -- Date Generated: 11-Mar-2020 23:11:18 Z

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

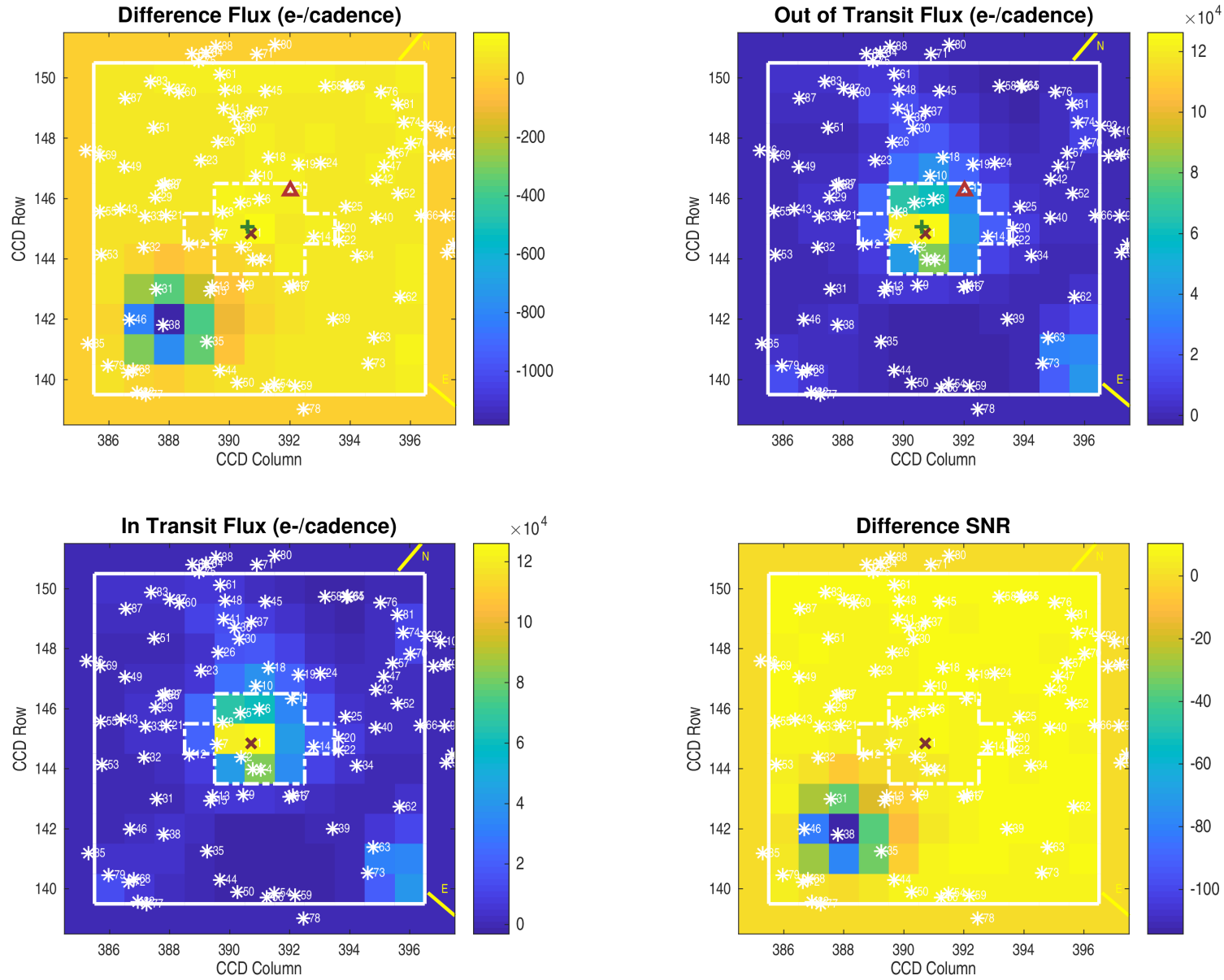
Planet Candidate 1 / Sector 15 / Target Pixel Table 169



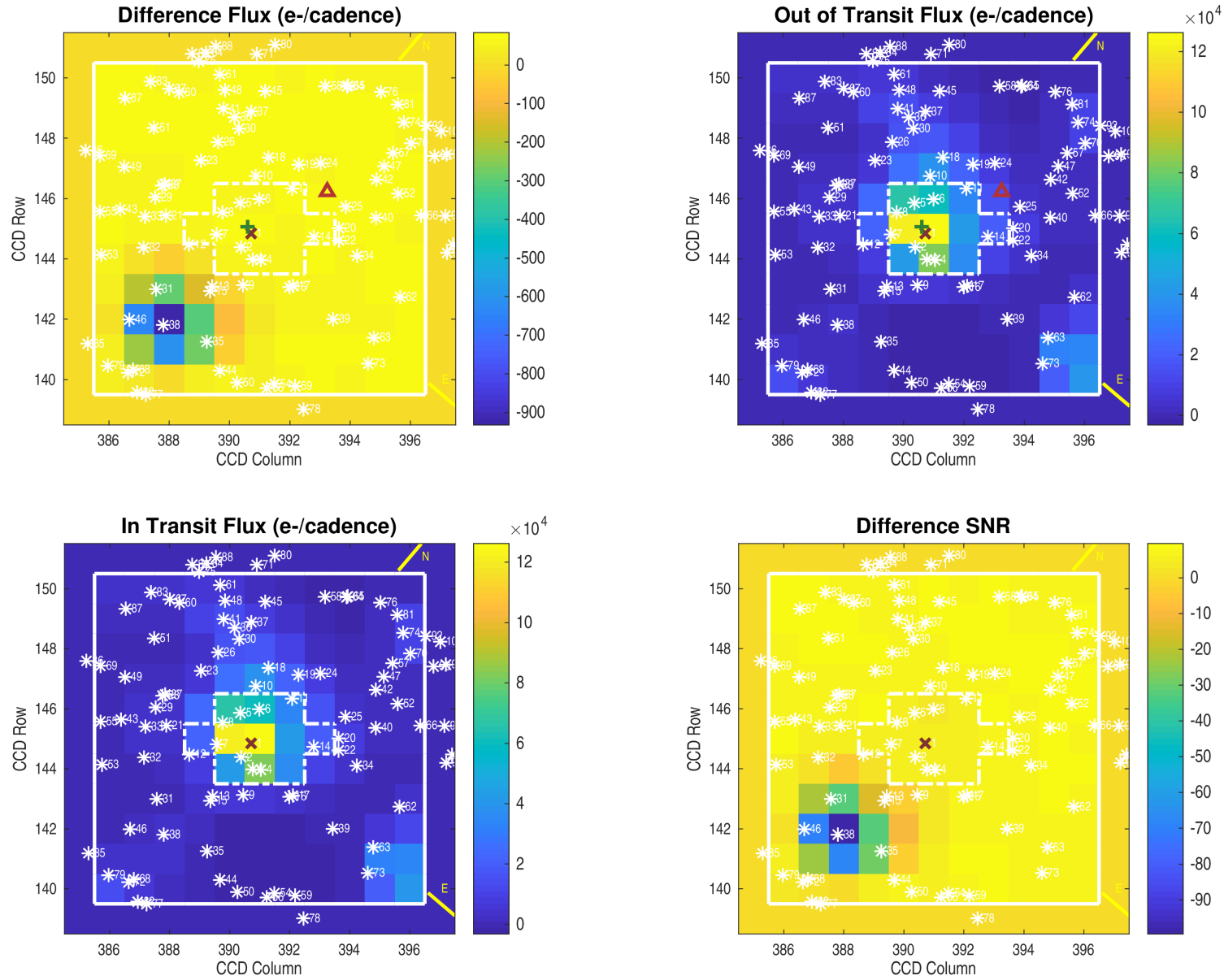
Planet Candidate 2 / Sector 15 / Target Pixel Table 169

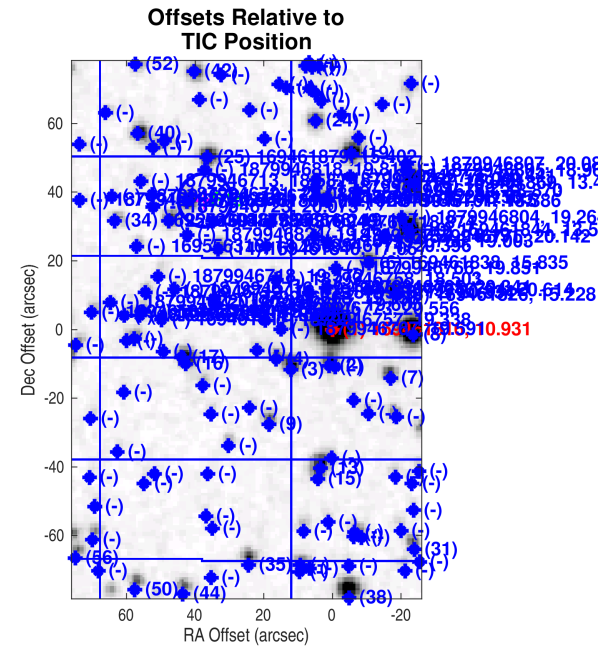
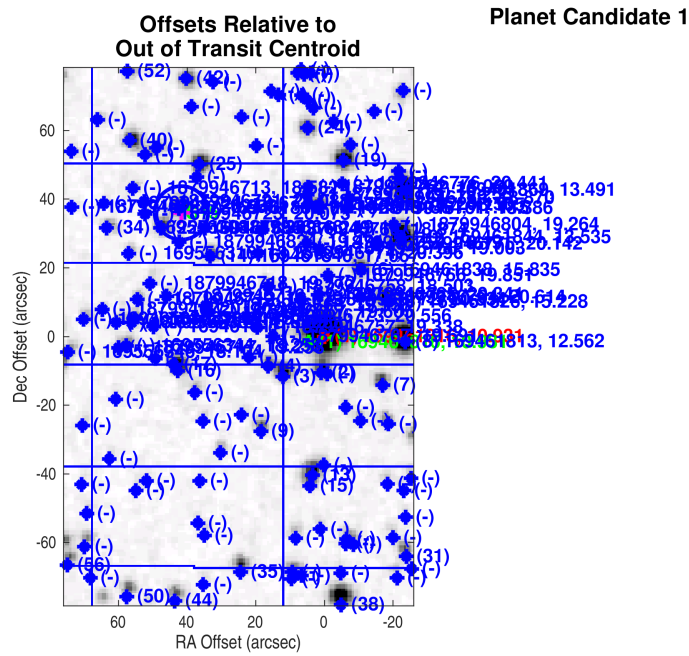
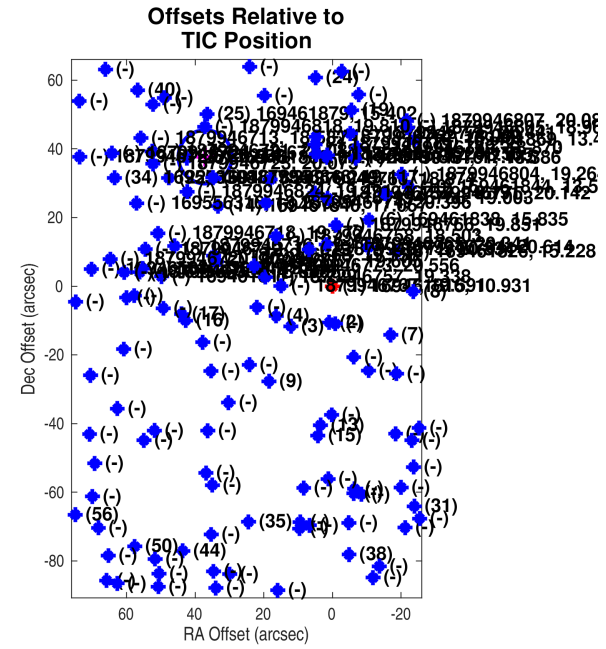
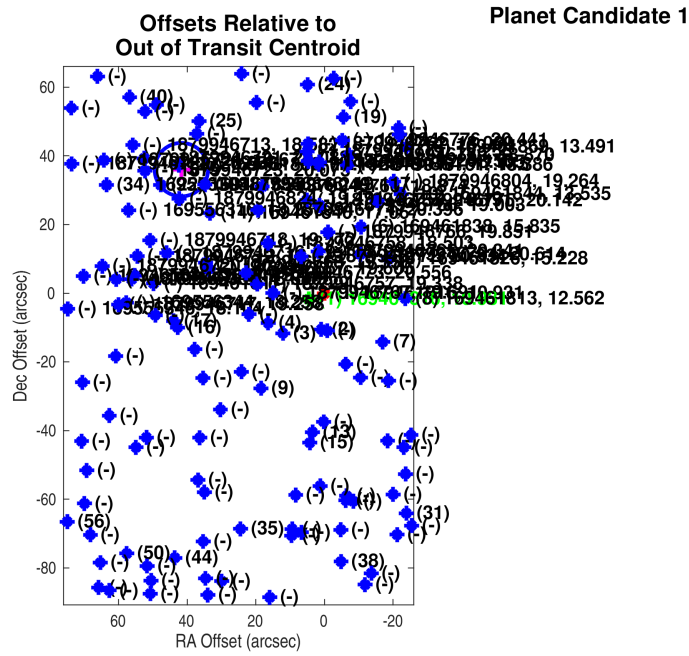


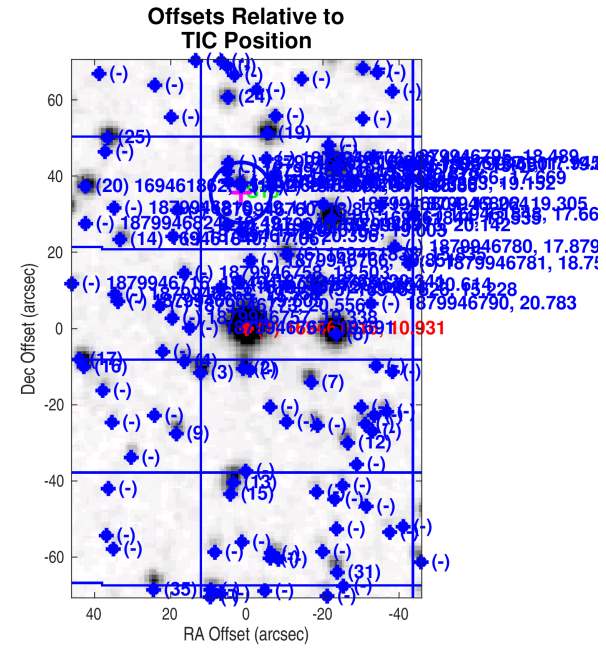
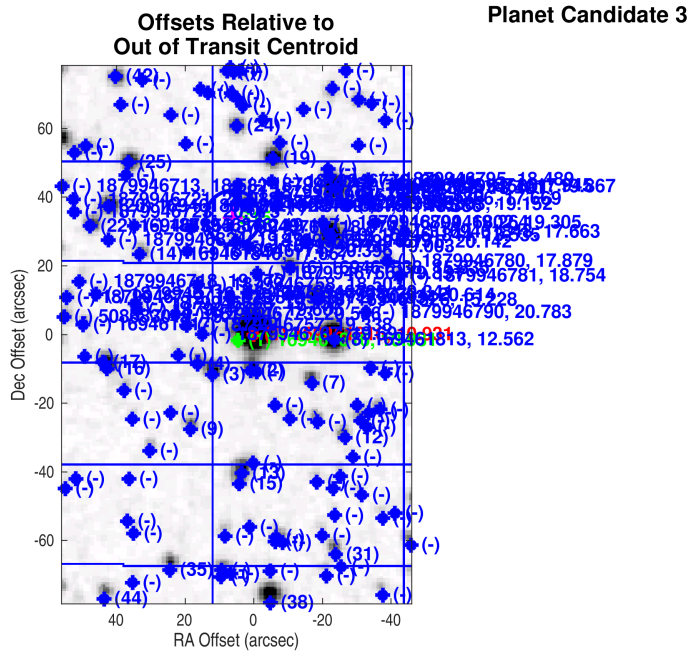
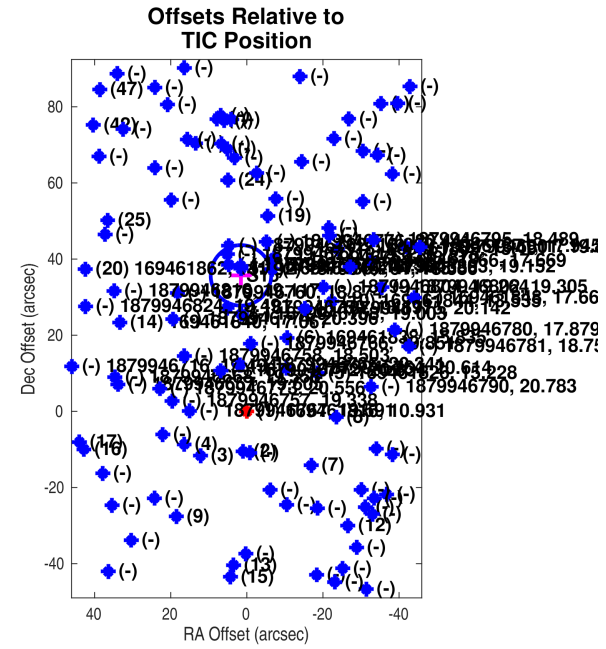
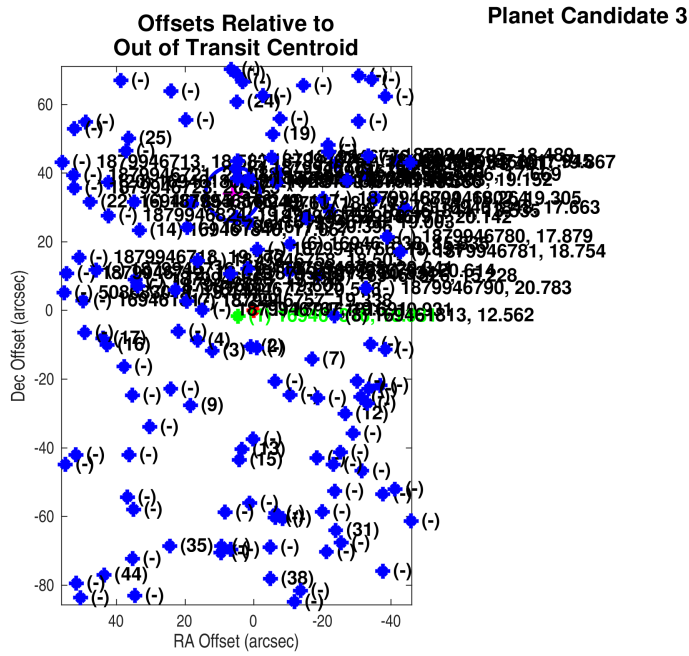
Planet Candidate 3 / Sector 15 / Target Pixel Table 169

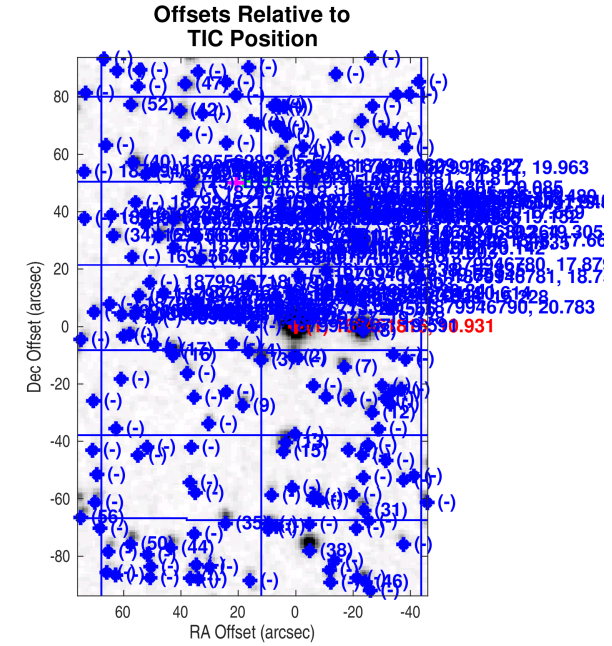
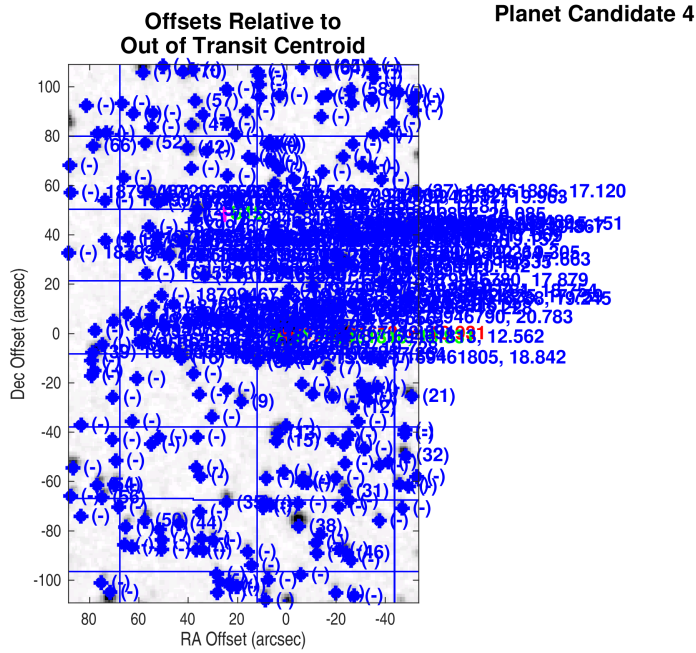
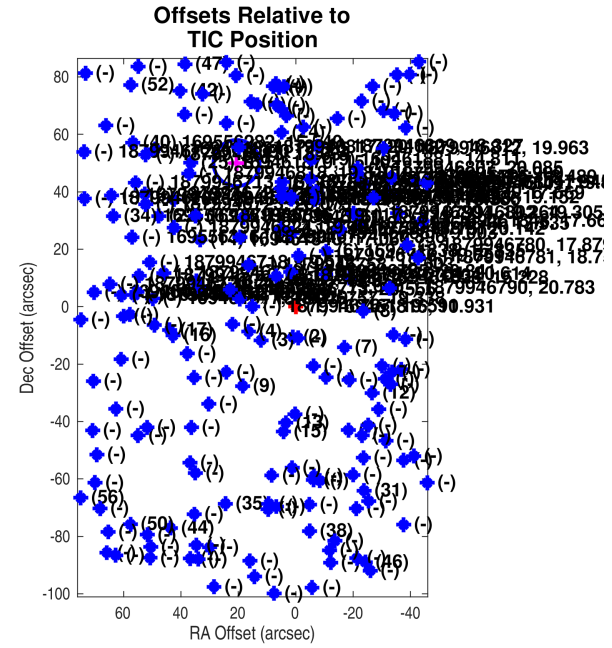
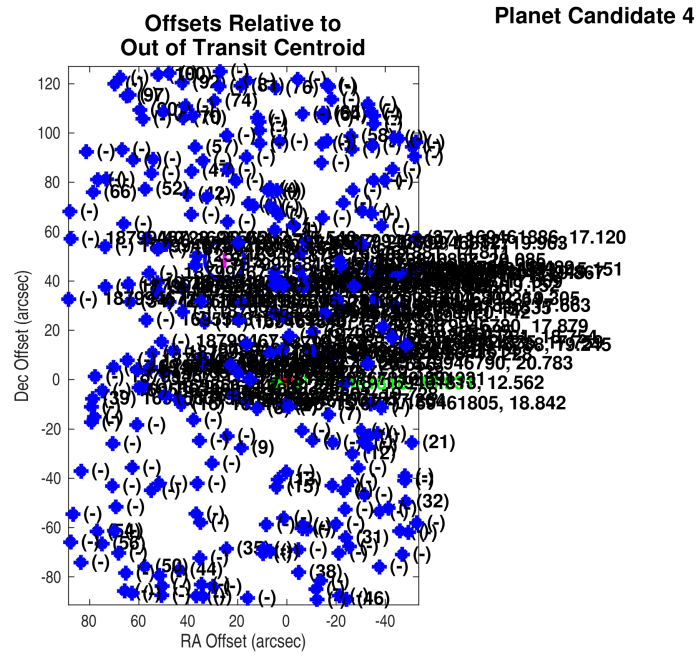


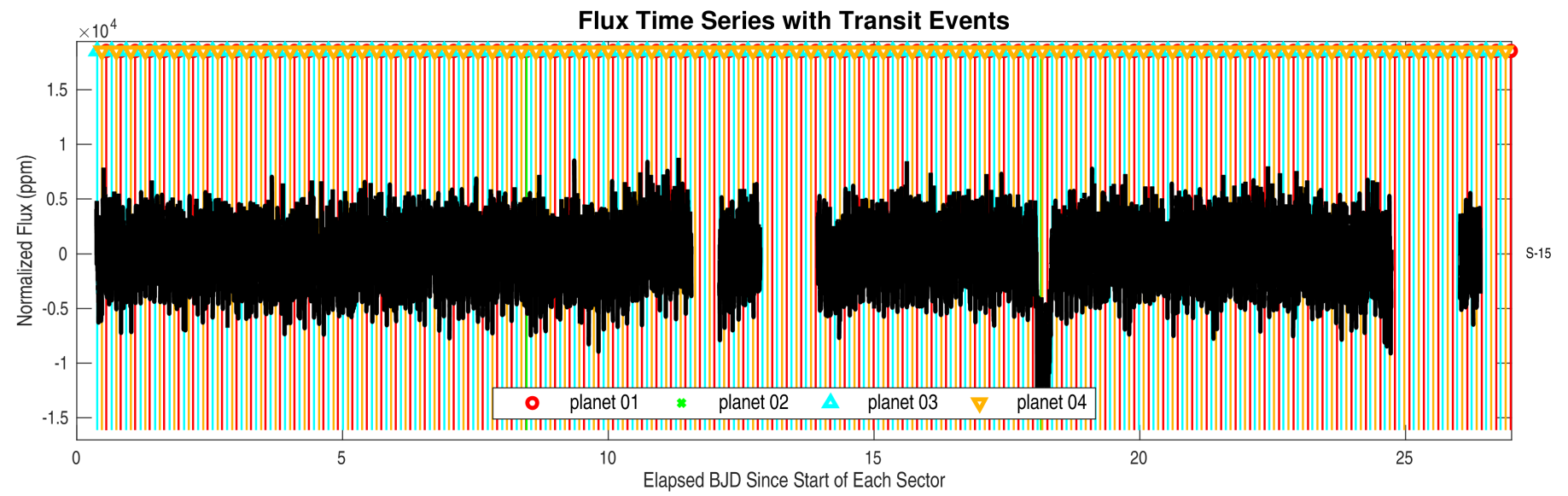
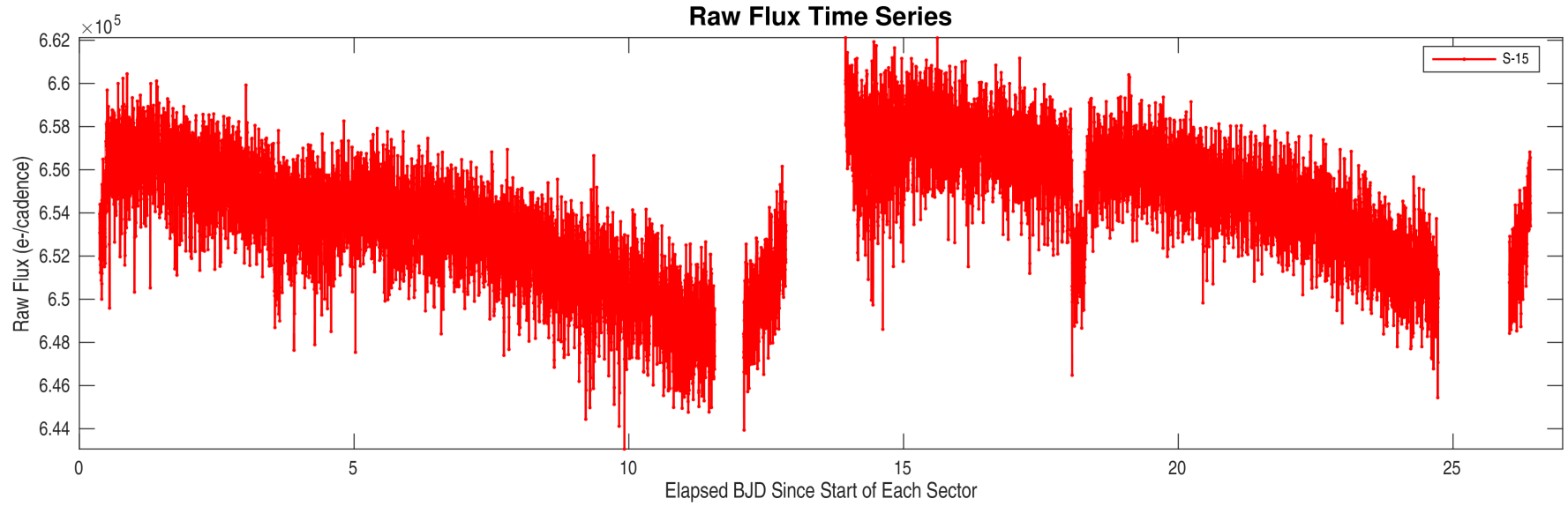
Planet Candidate 4 / Sector 15 / Target Pixel Table 169

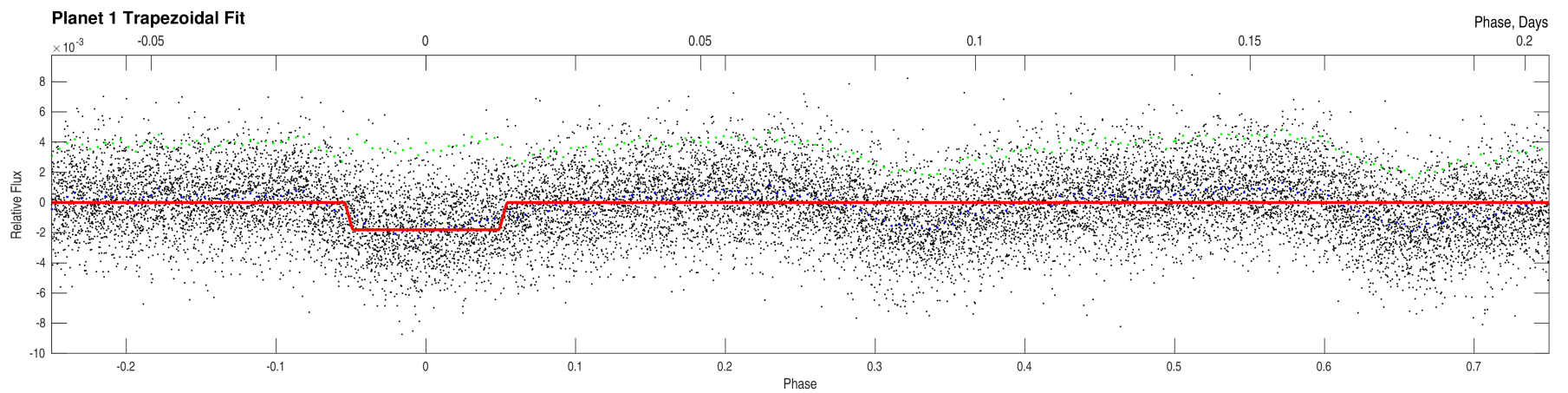
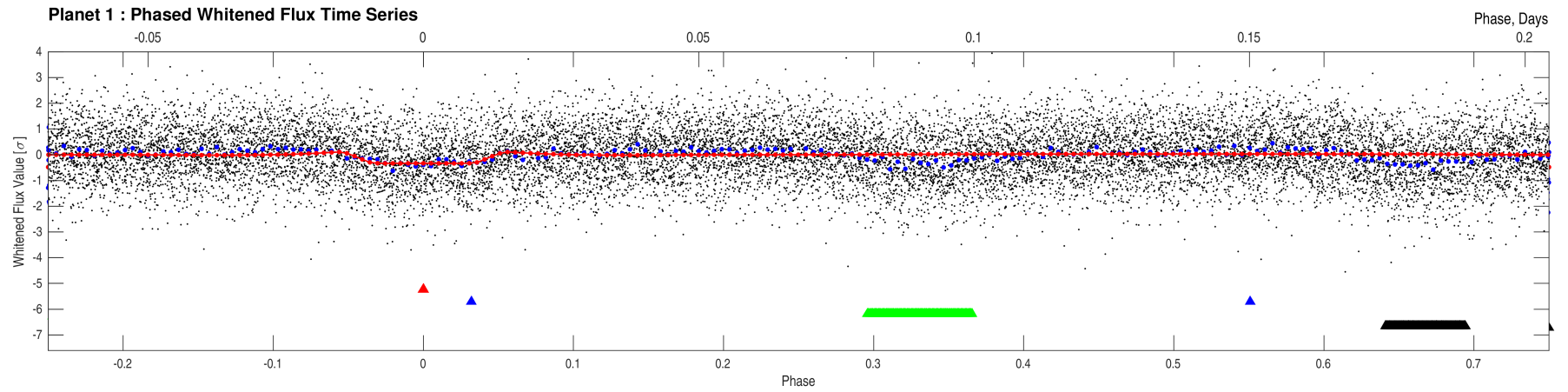
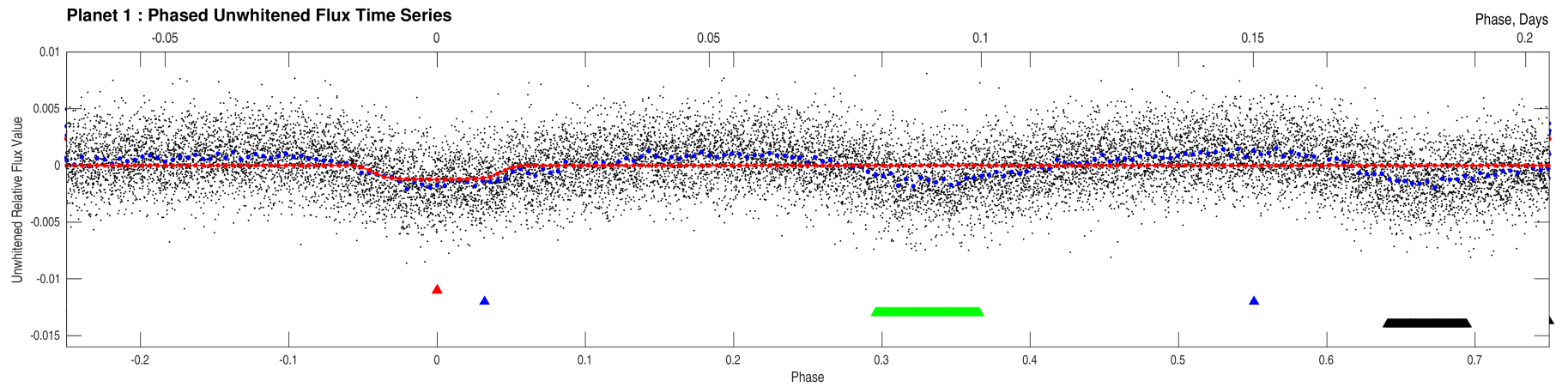


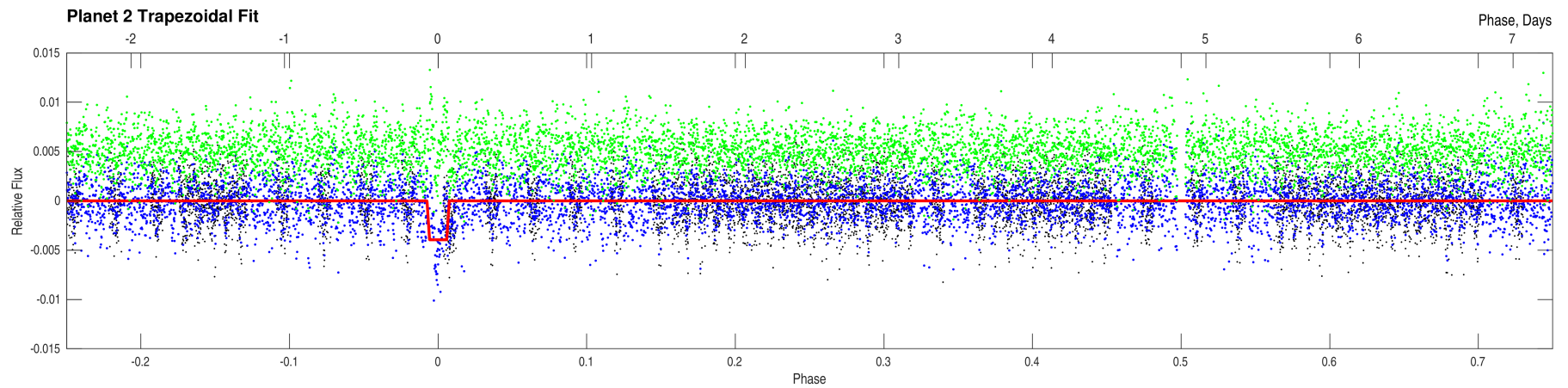
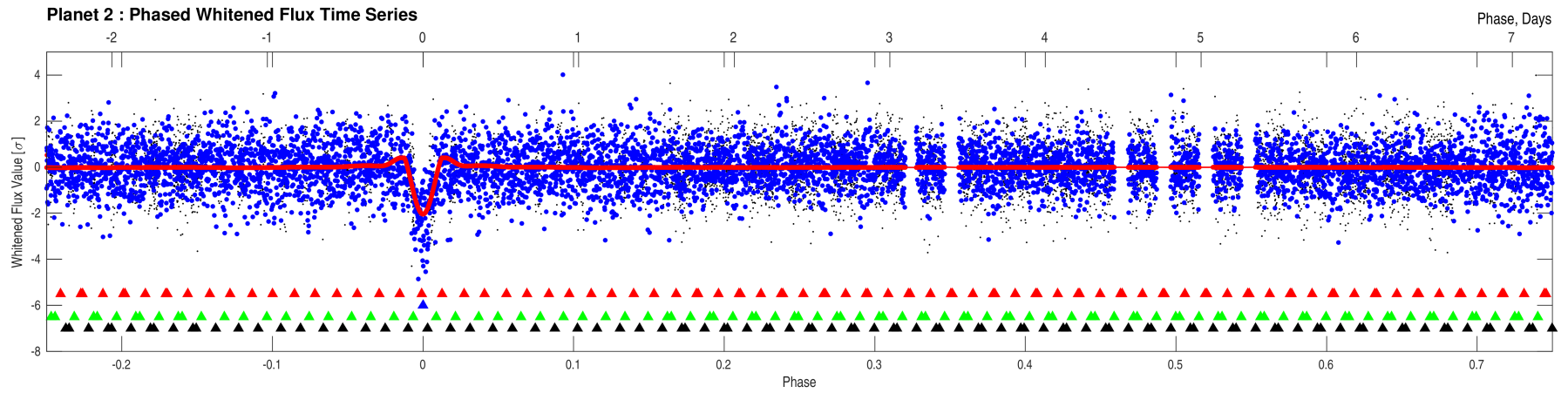
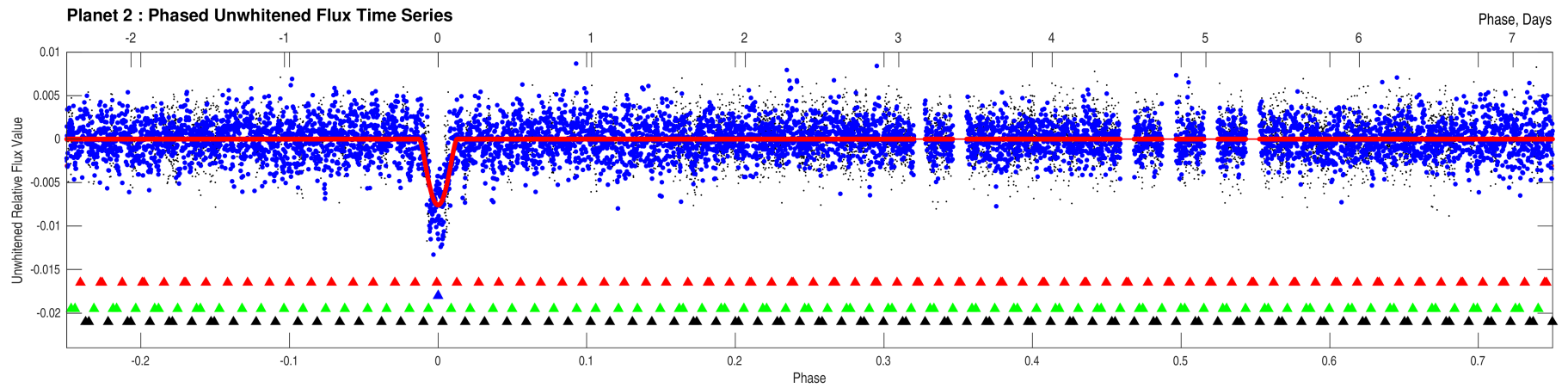


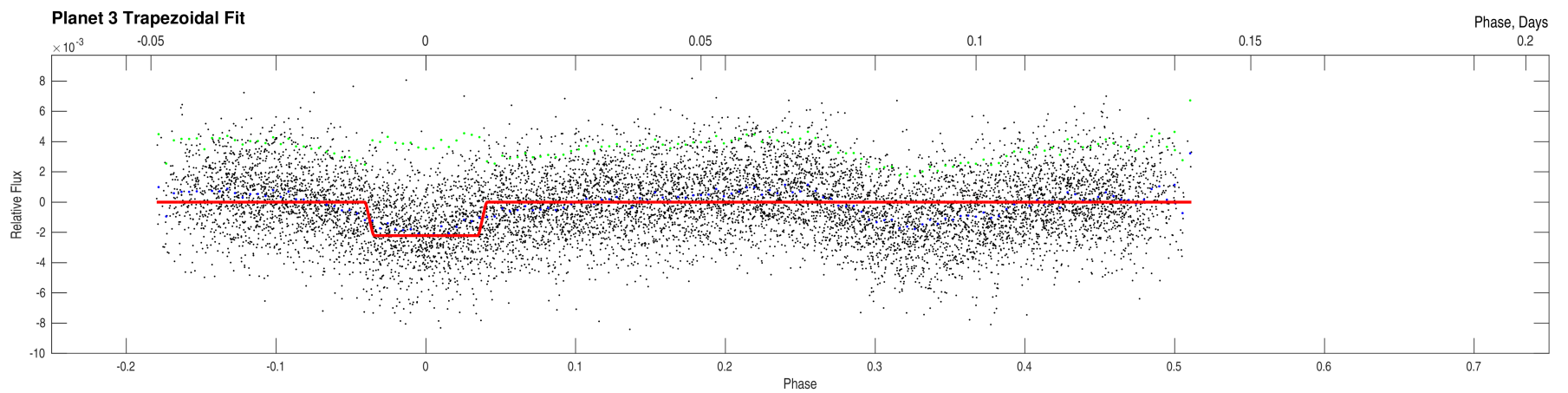
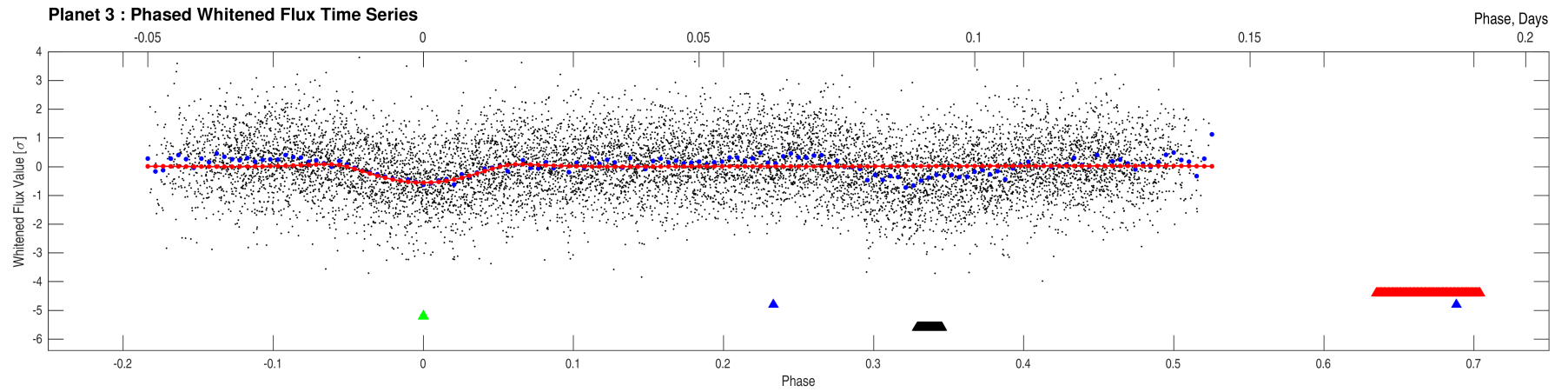
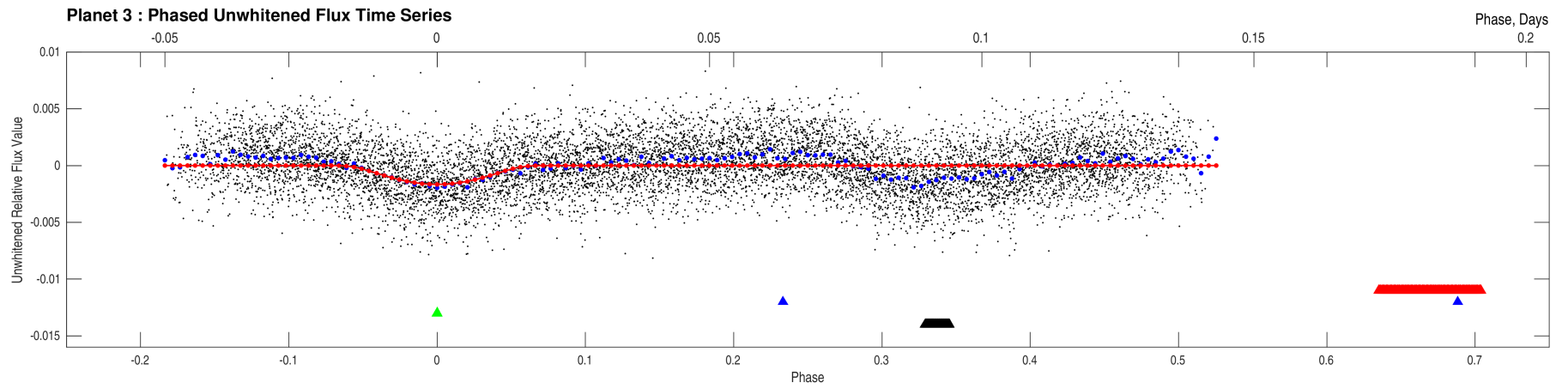


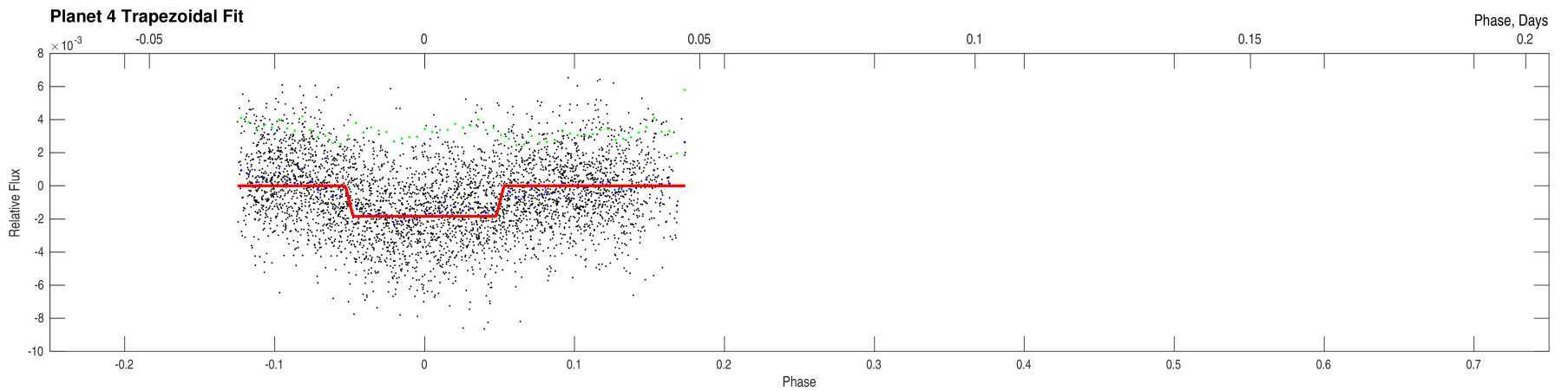
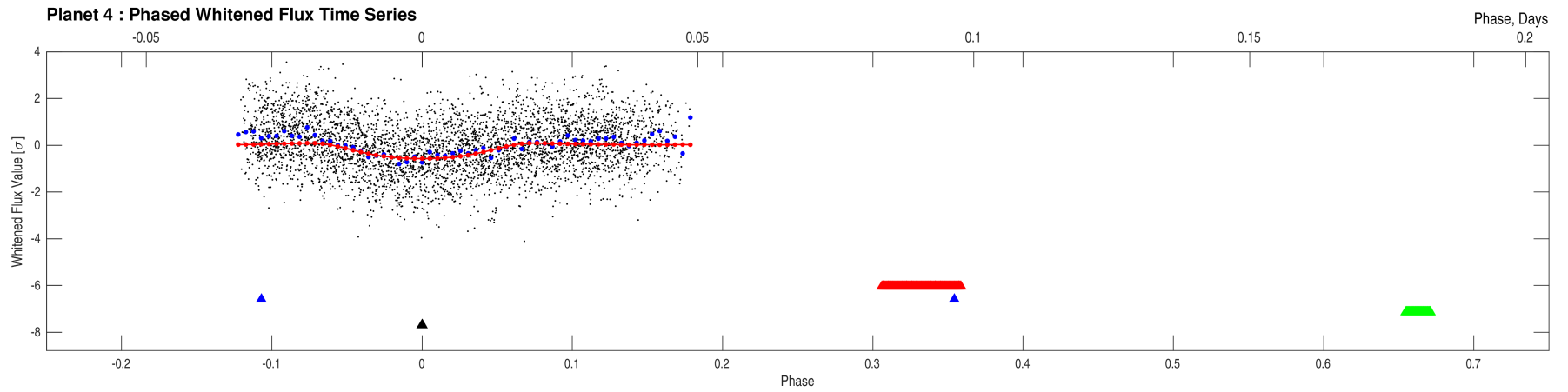
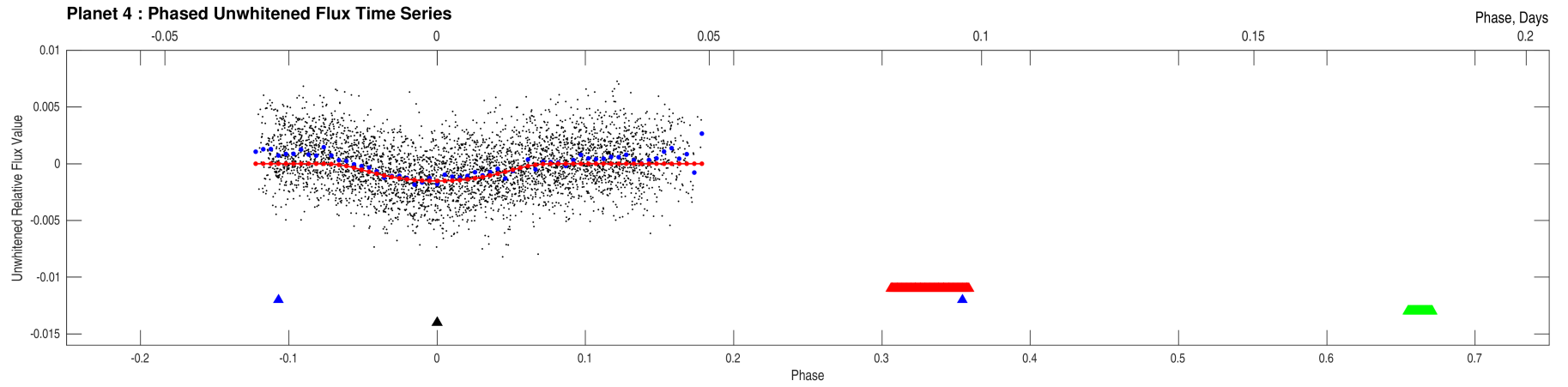






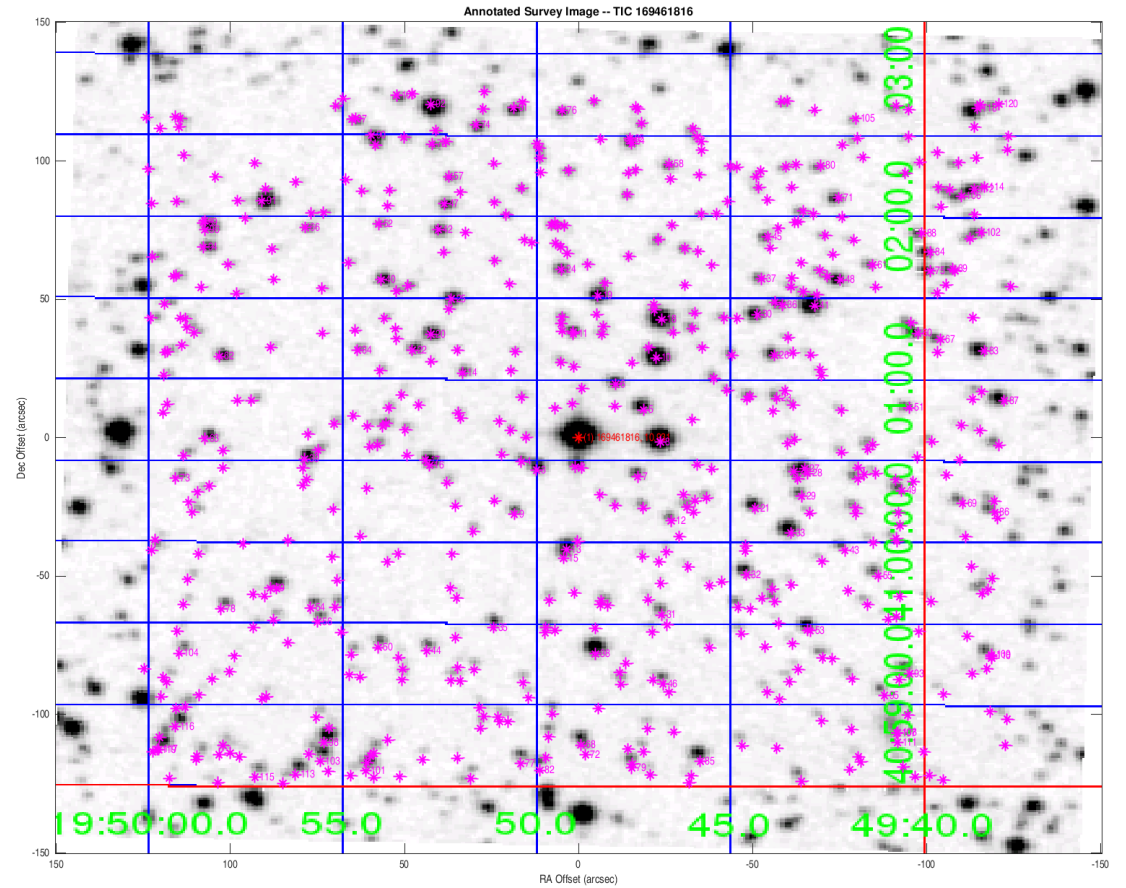






Stellar Distance Table

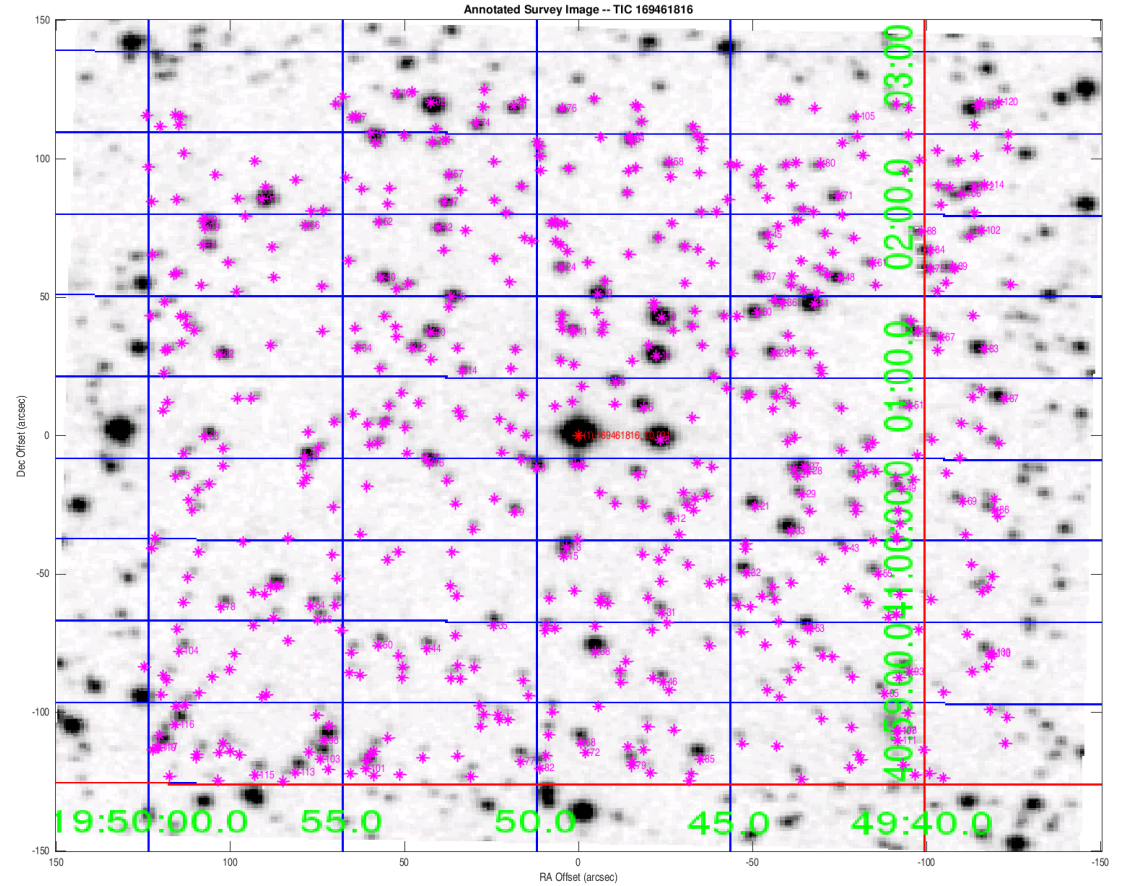
Index	TIC ID	TESS Mag	Distance (arcsec)
1	0000000169461816	10.93	0.00
2	0000000169461804	15.95	10.57
3	0000000169461803	15.68	16.82
4	0000000169461807	17.26	18.57
5	0000000169461826	15.23	21.19
6	0000000169461838	15.83	22.05
7	0000000169461795	16.57	22.11
8	0000000169461813	12.56	23.58
9	0000000169461774	17.29	33.25
10	0000000169461844	13.54	36.49
11	0000000169461864	17.12	37.51
12	0000000169461772	17.24	40.13
13	0000000169461762	15.64	40.56
14	0000000169461840	17.07	40.69
15	0000001879946652	17.16	43.72
16	0000000169461806	15.68	43.94
17	0000001879946665	17.19	44.71
18	0000000169461869	13.49	48.88
19	0000000169461881	14.81	51.58
20	0000000169461862	15.19	56.48
21	0000000169461779	15.61	56.80
22	0000000169461855	16.25	57.23
23	0000000169461834	17.40	58.70
24	0000000169461890	16.25	60.93
25	0000000169461879	15.40	62.03
26	0000000169461847	16.13	63.63
27	0000001879946792	17.38	65.95
28	0000000169461802	16.27	66.99
29	0000000169461786	17.10	67.46
30	0000000169461873	15.15	67.93
31	0000000169461738	17.00	68.34
32	0000000169461757	15.86	69.13
33	0000000169461769	14.67	69.96
34	0000000169556308	17.31	70.94
35	0000000169461733	16.36	72.85
36	0000000169461877	16.25	75.66
37	0000000169461886	17.12	77.78
38	0000000169461717	14.43	78.27
39	0000000169556349	15.72	79.12
40	0000000169556282	15.54	80.50



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

Stellar Distance Table – Continued

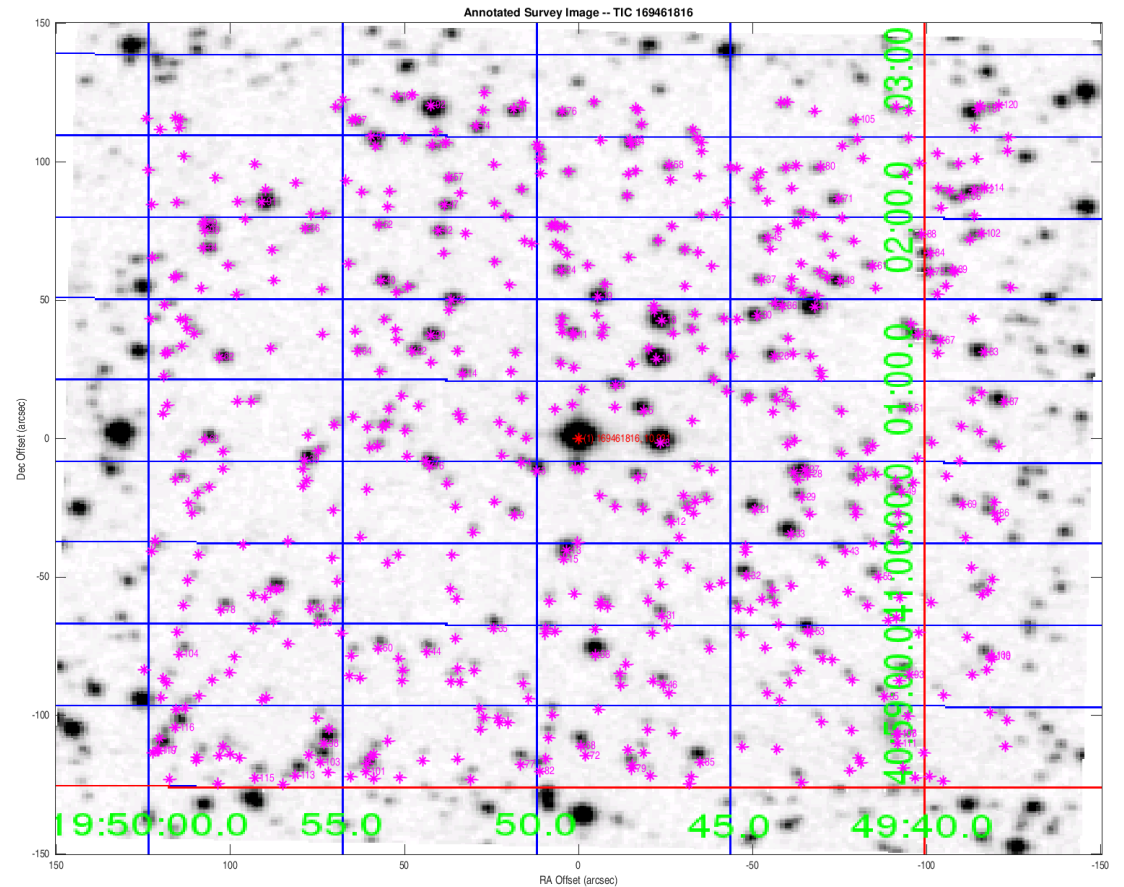
Index	TIC ID	TESS Mag	Distance (arcsec)
41	0000000169461876	13.51	82.94
42	0000000169461905	15.95	85.30
43	0000000169461763	17.25	86.70
44	0000000169461719	17.23	88.52
45	0000000169461899	16.81	90.65
46	0000000169461710	17.35	92.23
47	0000000169461919	16.33	92.89
48	0000000169461885	15.61	94.36
49	0000000169461787	16.71	94.80
50	0000000169556421	17.03	95.18
51	0000000169461827	16.66	95.59
52	0000000169556256	17.39	96.25
53	0000000169461730	15.89	96.41
54	0000000169556406	17.14	98.54
55	0000000169461756	16.88	99.50
56	0000000169556412	17.38	100.22
57	0000000169461930	17.21	101.37
58	0000000169461933	17.09	102.14
59	0000000169556395	16.68	103.89
60	0000000169461863	15.92	104.48
61	0000000169461891	17.20	105.01
62	0000000169556312	15.66	107.28
63	0000000169556340	16.19	107.41
64	0000000169461944	16.37	108.30
65	0000001879946854	16.88	109.05
66	0000000169556257	17.04	109.27
67	0000000169461859	16.85	109.84
68	0000000169461696	16.45	111.07
69	0000000169461782	17.03	112.81
70	0000000169461942	17.14	114.14
71	0000000169461921	16.15	114.38
72	0000000169461693	17.46	114.56
73	0000000169556354	17.24	116.69
74	0000000169461948	16.29	116.77
75	0000000169461888	16.33	117.60
76	0000000169461952	16.81	118.37
77	0000000169461690	16.77	118.95
78	0000000169556407	17.18	119.91
79	0000000169461686	17.14	120.24
80	0000000169461932	17.43	120.31



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

Stellar Distance Table – Continued

Index	TIC ID	TESS Mag	Distance (arcsec)
81	0000000169461954	15.80	120.62
82	0000000169461682	17.03	120.66
83	0000000169461852	15.15	120.67
84	0000000169461894	16.04	121.20
85	0000000169461691	15.59	122.01
86	0000000169461775	16.96	122.55
87	0000000169461832	15.17	123.00
88	0000000169461902	16.57	123.24
89	0000000169461889	17.08	123.59
90	0000000169556220	15.23	124.46
91	0000000169556246	14.40	124.88
92	0000000169461956	13.42	127.63
93	0000000169461713	16.49	127.73
94	0000000169556268	16.02	127.92
95	0000000169461706	17.42	128.04
96	0000000169556258	15.94	130.97
97	0000000169556215	17.05	132.16
98	0000000169556464	15.20	132.19
99	0000001879946734	16.32	132.91
100	0000000169556207	16.88	134.25
101	0000000169556482	16.32	134.94
102	0000000169461903	16.73	137.36
103	0000000169556480	16.40	138.40
104	0000000169556424	17.25	138.68
105	0000000169461950	17.03	140.09
106	0000000169461922	16.89	140.43
107	0000000169461701	16.83	140.48
108	0000010000712493	15.82	140.59
109	0000001879896399	17.45	142.20
110	0000000169461716	17.01	142.47
111	0000000169461698	16.36	143.21
112	0000000169461924	16.29	144.88
113	0000000169556483	16.31	146.41
114	0000001880618231	17.48	147.66
115	0000000169556487	17.20	153.89
116	0000000169556459	16.01	155.94
117	0000001879946294	16.35	165.05
118	0000000169461953	14.59	165.22
119	0000000169556469	16.16	165.40
120	0000000169461957	17.41	170.55



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