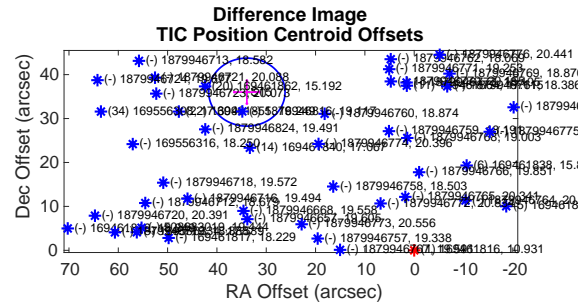
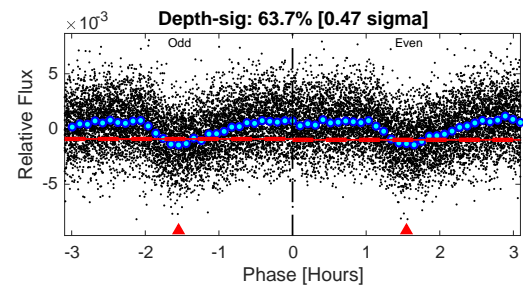
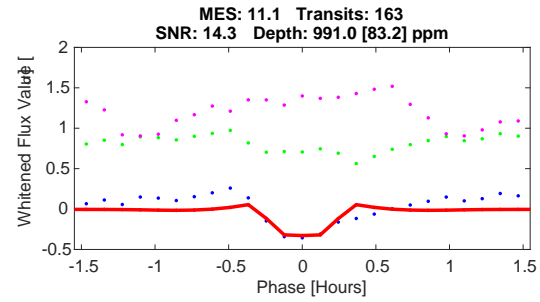
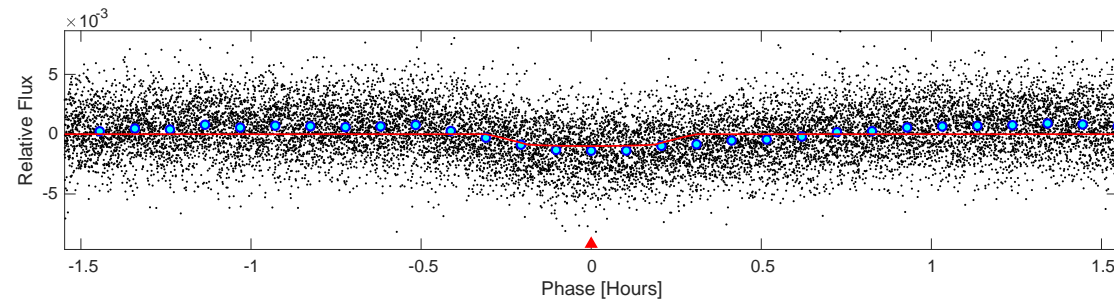
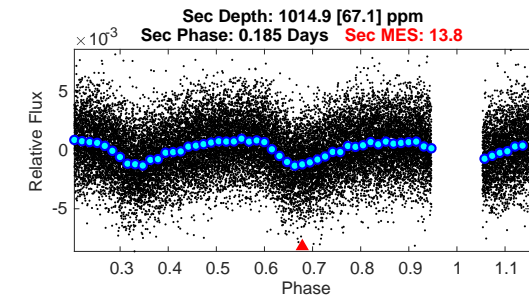
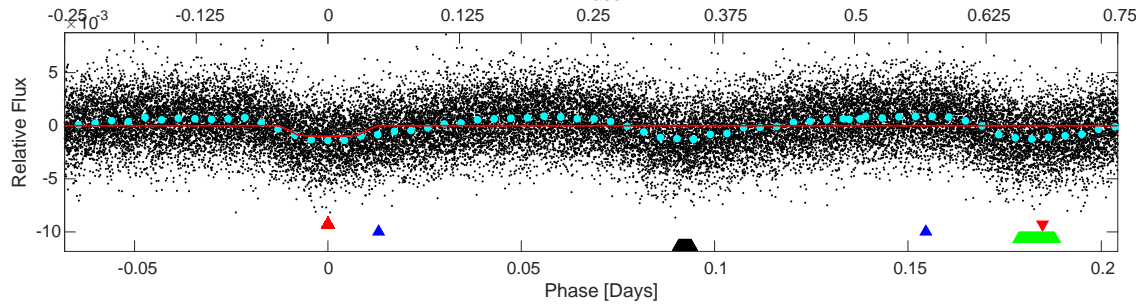
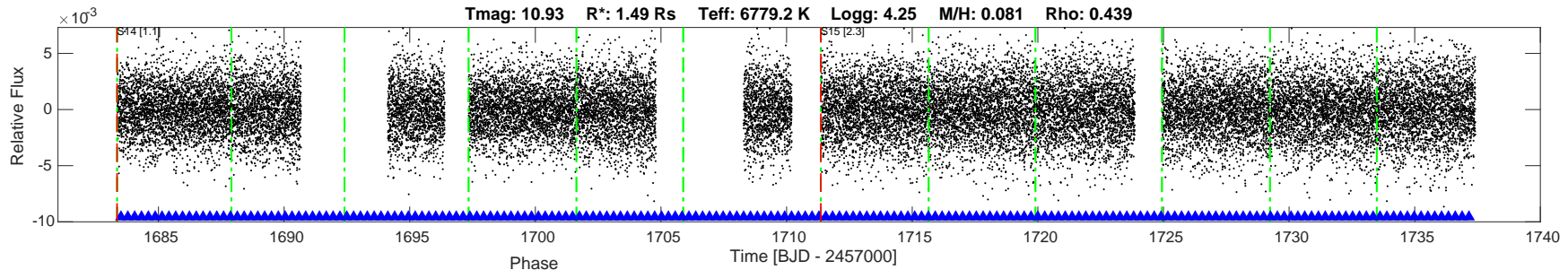


TIC: 169461816 Candidate: 1 of 4 Period: 0.272 d

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 = 0.27234 [0.00001] d
 Epoch = 1683.5074 [0.0004] BTJD
 $R_p/R_* = 0.0296$ [0.0167]
 $b/R_* = 4.18$ [15.59]
 $b = 0.10$ [39.39]
 $Seff = 48435.19$ [7387.03]
 $Teq = 3784$ [144] K
 $Rp = 4.82$ [2.72] Re
 $a = 0.0093$ [0.0007] AU
 $Rho = 13.192$ [147.710]
 $Ag = 2.09$ [2.37] [0.46 sigma]
 $Tp = 7032$ [1987] K [1.63 sigma]

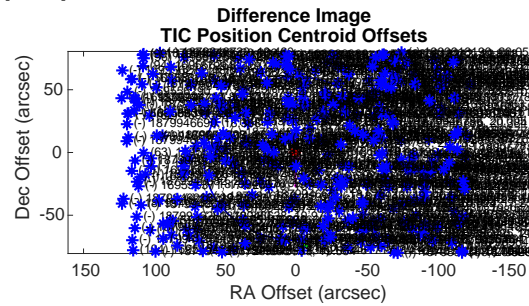
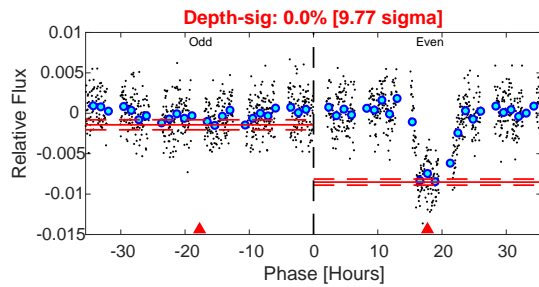
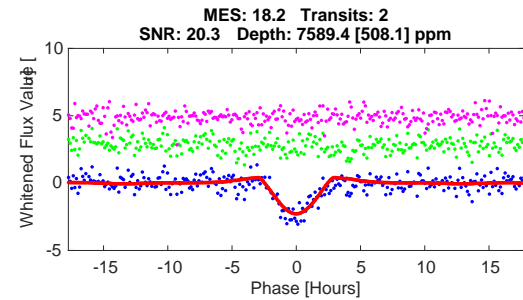
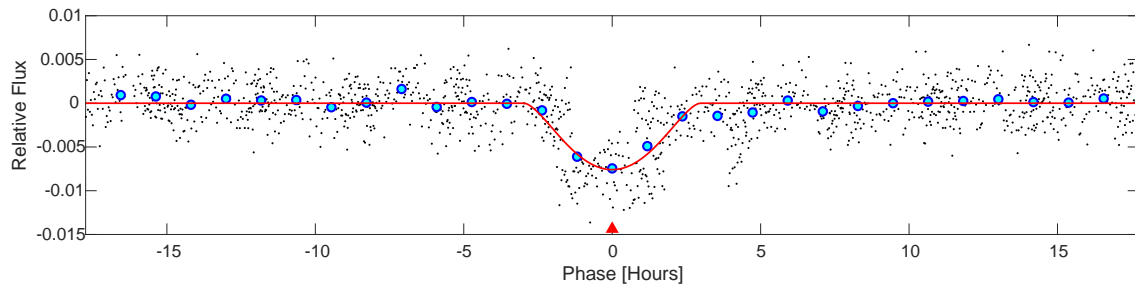
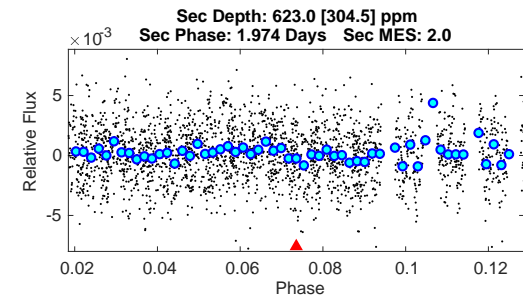
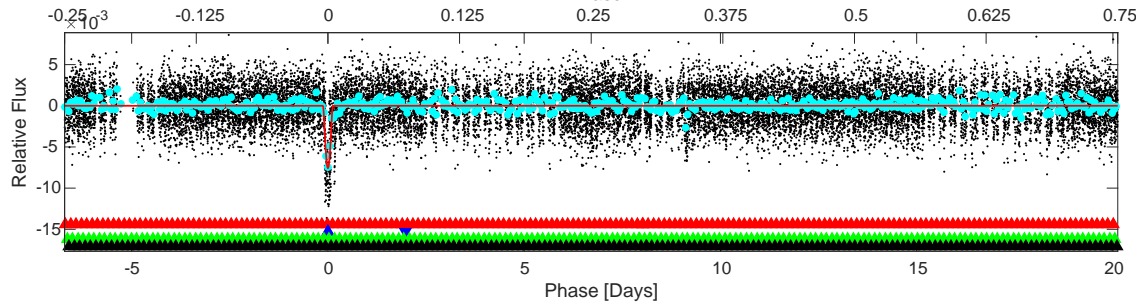
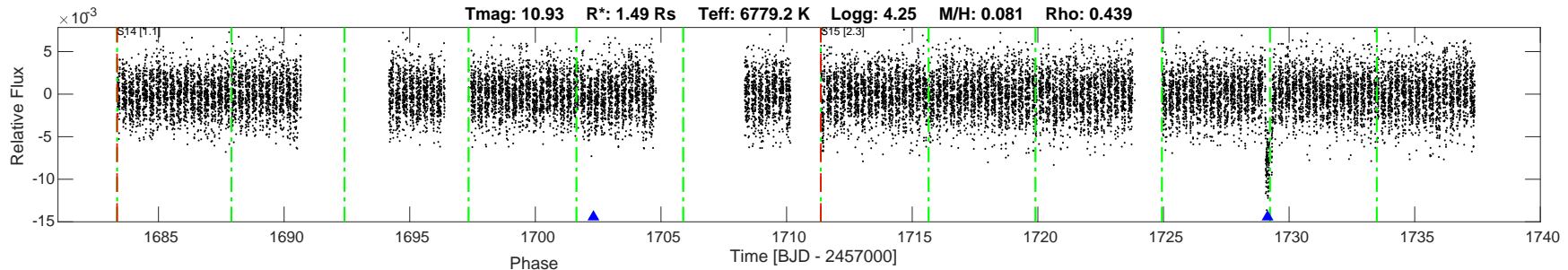
DV Diagnostic Results:
 ShortPeriod-sig: 0.0% [0.00 sigma]
 LongPeriod-sig: 100.0% [107.40 sigma]
 ModelChiSquare2-sig: 98.7%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: 3.42e-53
 GhostDiagnostic-chr: 0.7232
 OotOffset-rm: 51.624 arcsec [20.05 sigma]
 TicOffset-rm: 49.476 arcsec [19.18 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/2]

Software Revision: spoc-4.0.11-20191024 -- Date Generated: 25-Oct-2019 23:58:52 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: 26.831 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 = 26.83094 [0.00568] d
 Epoch = 1702.3121 [0.0037] BTJD
 Rp/R* = 0.1312 [0.2555]
 a/R* = 19.00 [7.13]
 b = 0.99 [0.38]
 Seff = 106.45 [16.23]
 Teq = 819 [31] K
 Rp = 21.36 [41.61] Re
 a = 0.1988 [0.0148] AU
 Rho = 0.128 [0.144]
 Ag = 29.68 [116.57] [0.25 sigma]
 Tp = 2956 [2901] K [0.74 sigma]

DV Diagnostic Results:

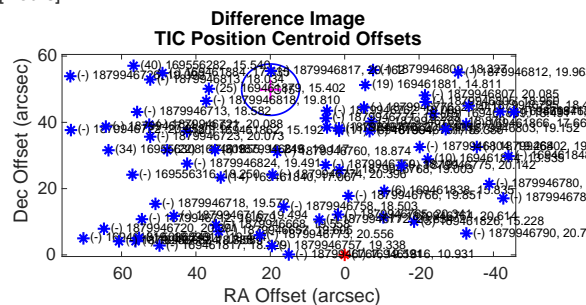
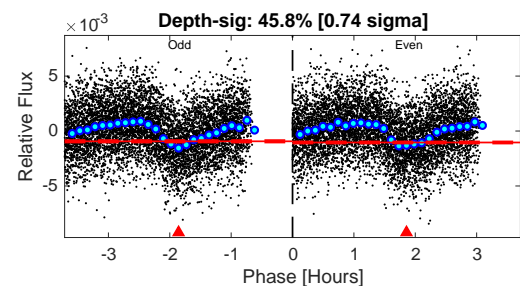
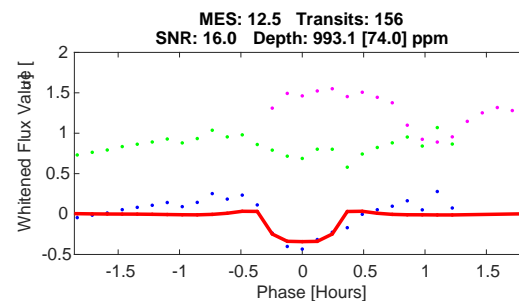
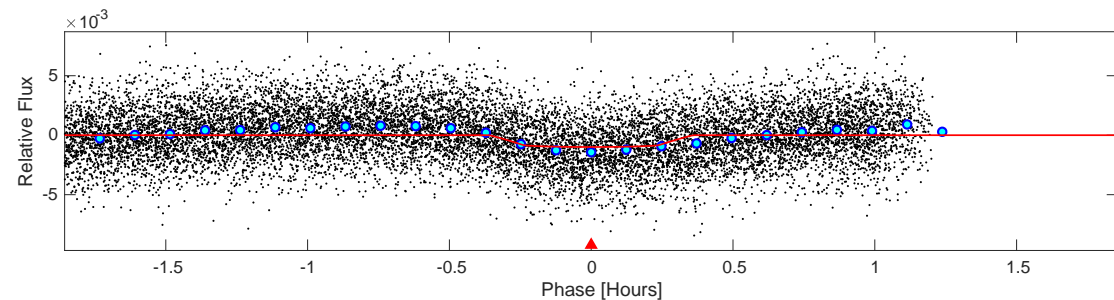
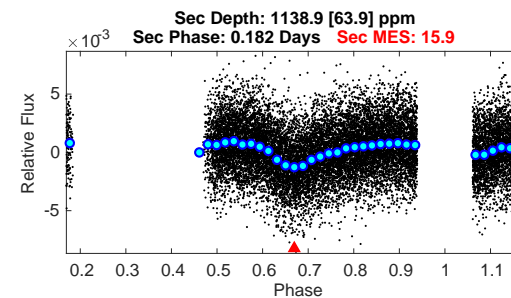
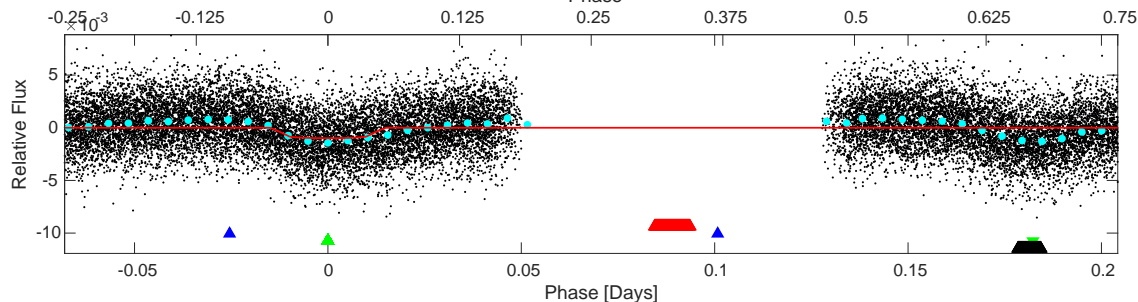
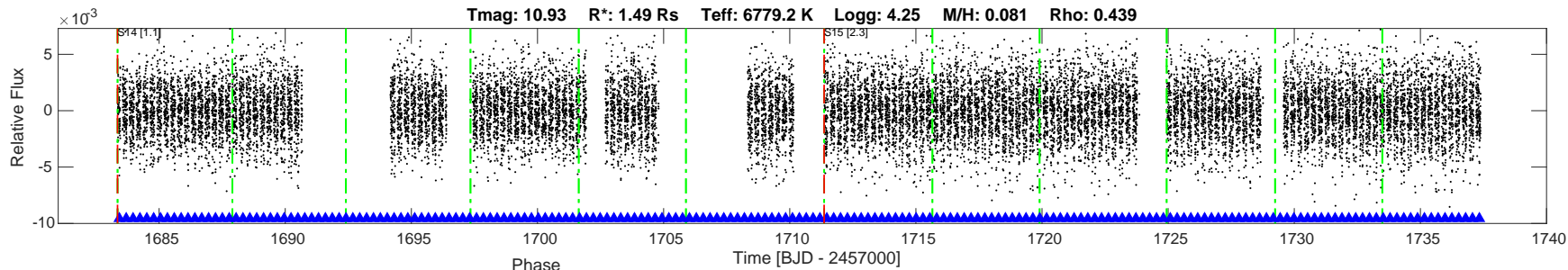
ShortPeriod-sig: 100.0% [107.40 sigma]
 LongPeriod-sig: N/A
 ModelChiSquare2-sig: 0.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.7161
 OotOffset-rm: 7.709 arcsec [0.29 sigma]
 TicOffset-rm: 4.835 arcsec [0.22 sigma]
 OotOffset-tot: 2
 TicOffset-tot: 2
 DiffImageQuality-fgm: 0.50 [1/2]
 DiffImageOverlap-fno: 0.00 [0/2]

Software Revision: spoc-4.0.11-20191024 -- Date Generated: 25-Oct-2019 23:59:04 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 [0.00001] d
 Epoch = 1683.4230 [0.0004] BTJD
 $R_p/R_* = 0.0298$ [0.0196]
 $a/R_* = 3.40$ [14.43]
 $b = 0.27$ [16.07]
 $Seff = 48446.27$ [7388.72]
 $T_{eq} = 3784$ [144] K
 $R_p = 4.85$ [3.20] Re
 $a = 0.0093$ [0.0007] AU
 $Rho = 7.129$ [90.763]
 $Ag = 2.32$ [3.07] [0.43 sigma]
 $Tp = 7218$ [2381] K [1.44 sigma]

DV Diagnostic Results:

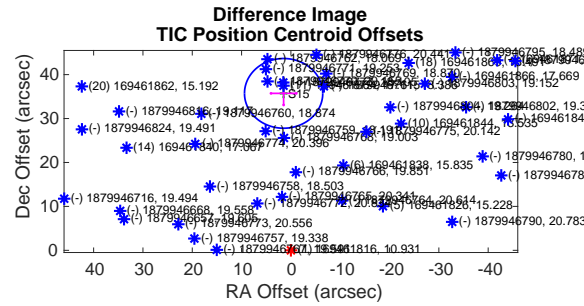
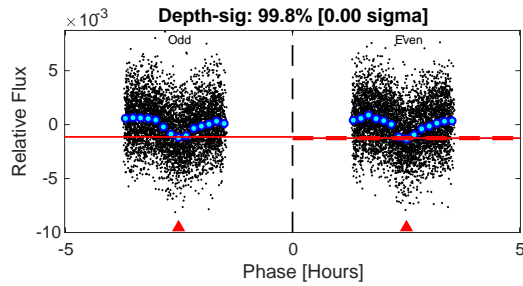
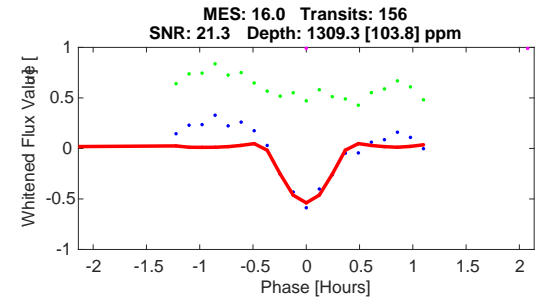
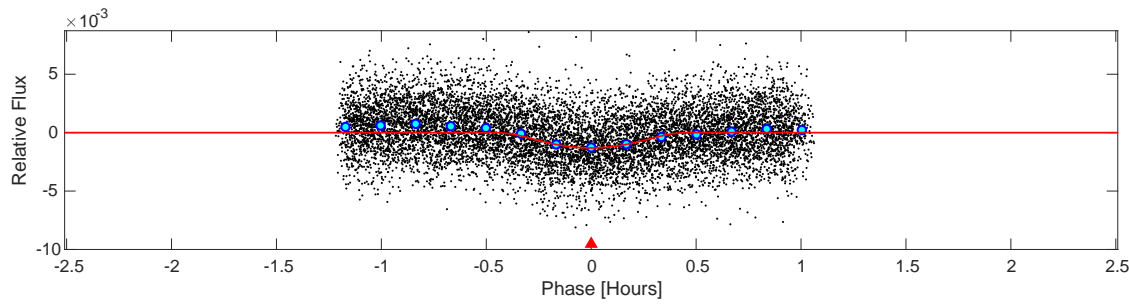
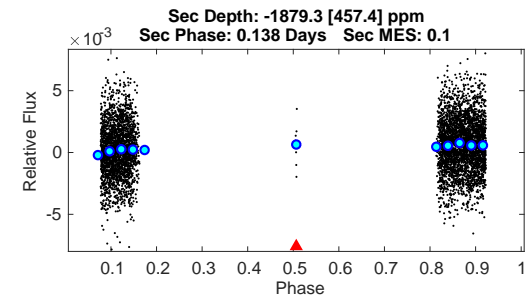
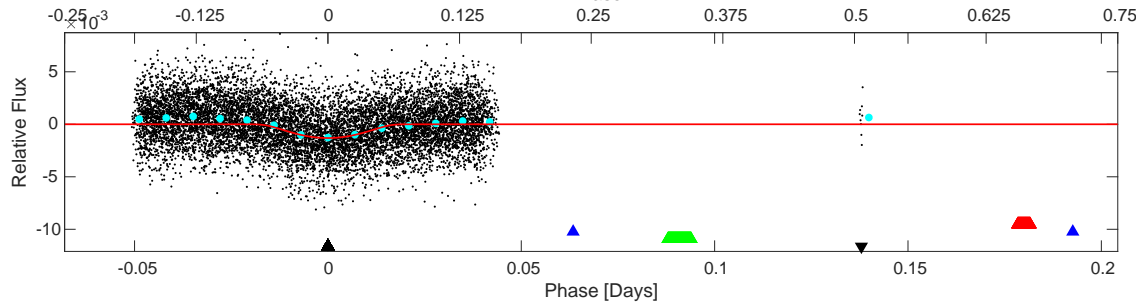
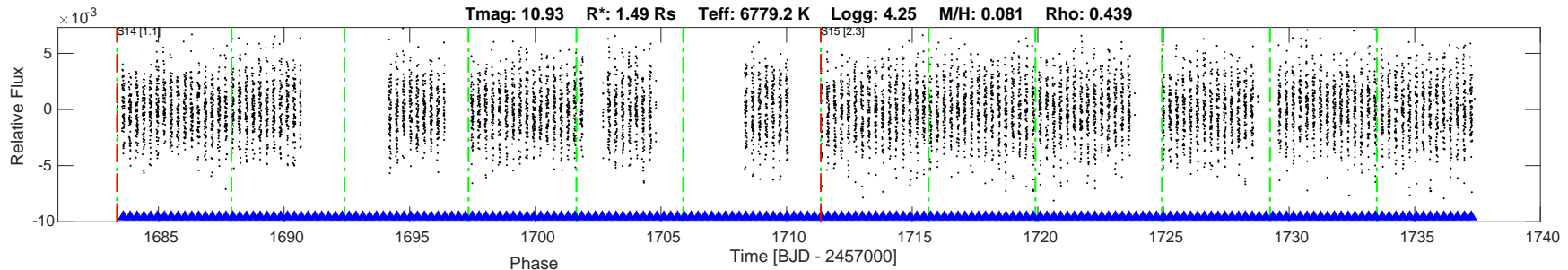
ShortPeriod-sig: N/A
 LongPeriod-sig: 0.1% [0.00 sigma]
 ModelChiSquare2-sig: 100.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: 4.36e-68
 GhostDiagnostic-chr: 1.014
 OotOffset-rm: 54.105 arcsec [20.97 sigma]
 TicOffset-rm: 53.715 arcsec [20.79 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/2]

Software Revision: spoc-4.0.11-20191024 -- Date Generated: 25-Oct-2019 23:59:14 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

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



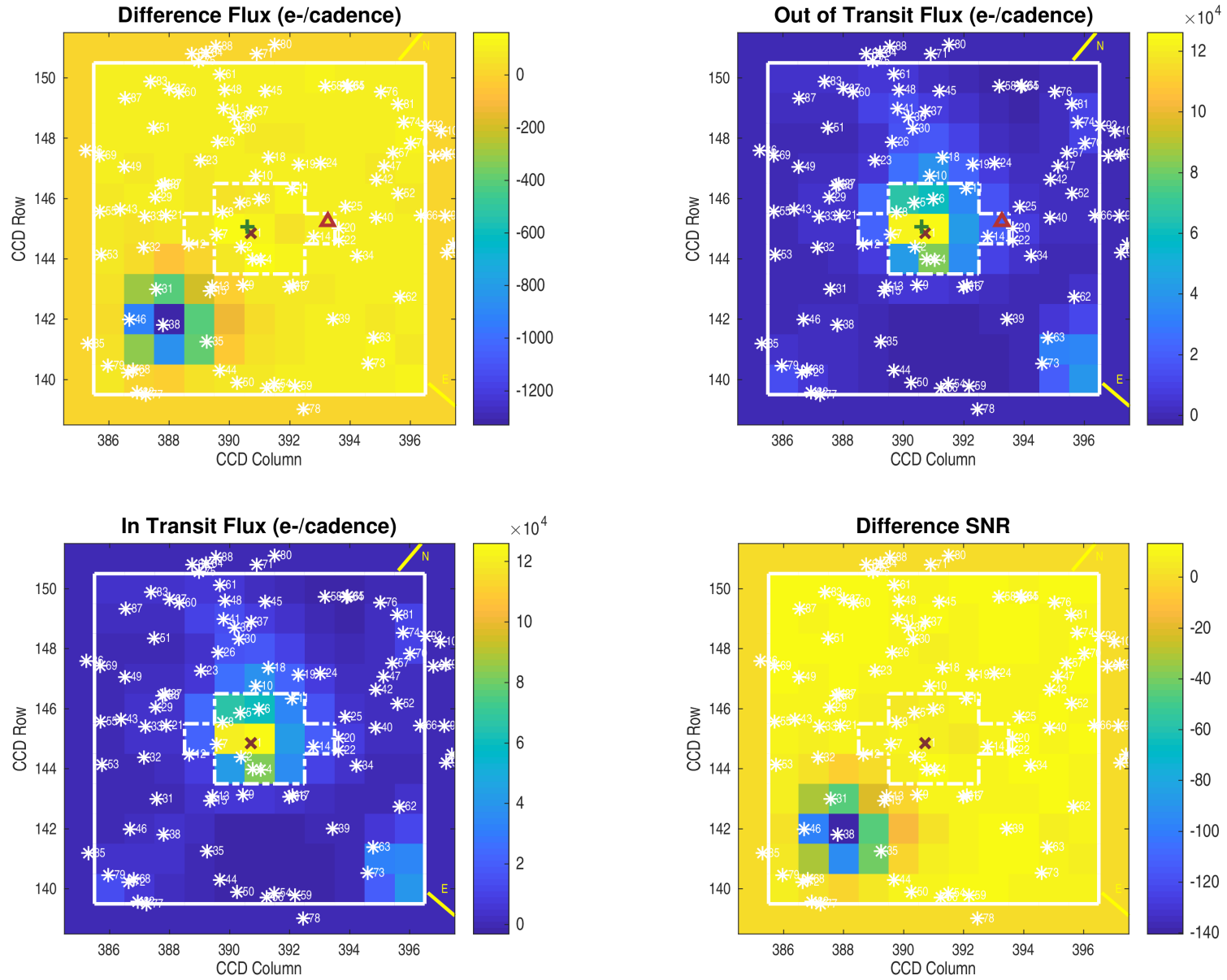
DV Fit Results:
 Period = 0.27232 [0.00001] d
 Epoch = 1683.6014 [0.0006] BTJD
 Rp/R* = 0.0535 [0.0644]
 b/R* = 1.35 [0.15]
 b = 0.99 [0.11]
 Teff = 48439.08 [7387.63]
 Teq = 3784 [144] K
 Rp = 8.71 [10.49] Re
 a = 0.0093 [0.0007] AU
 Rho = 0.447 [0.151]
 Ag = N/A
 Tp = N/A

DV Diagnostic Results:
 ShortPeriod-sig: 0.1% [0.00 sigma]
 LongPeriod-sig: 0.0% [0.00 sigma]
 ModelChiSquare2-sig: 99.3%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: 4.05e-118
 GhostDiagnostic-chr: 0.7869
 OotOffset-rm: 34.609 arcsec [13.09 sigma]
 TicOffset-rm: 35.763 arcsec [13.52 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/2]

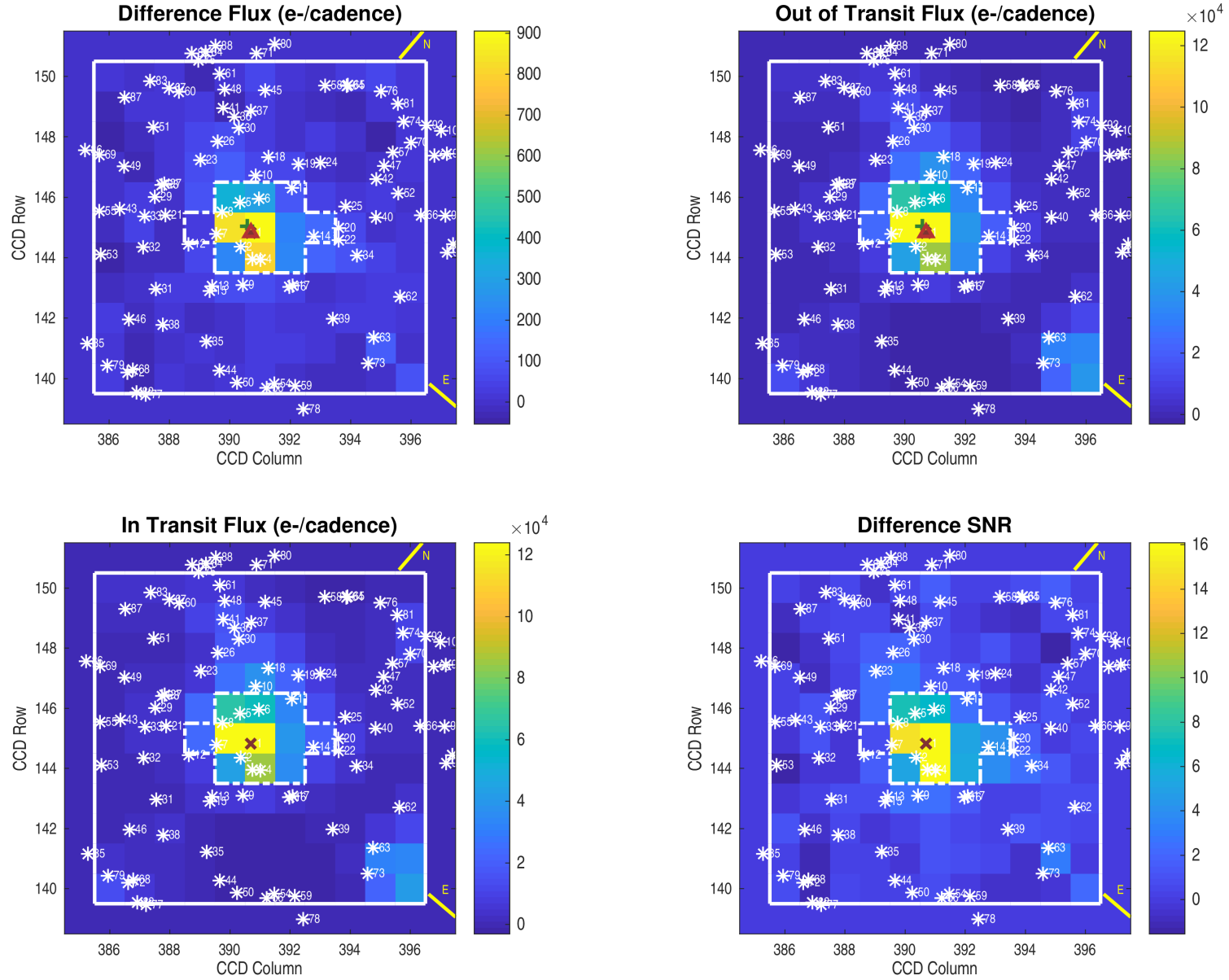
Software Revision: spoc-4.0.11-20191024 -- Date Generated: 25-Oct-2019 23:59:22 Z

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

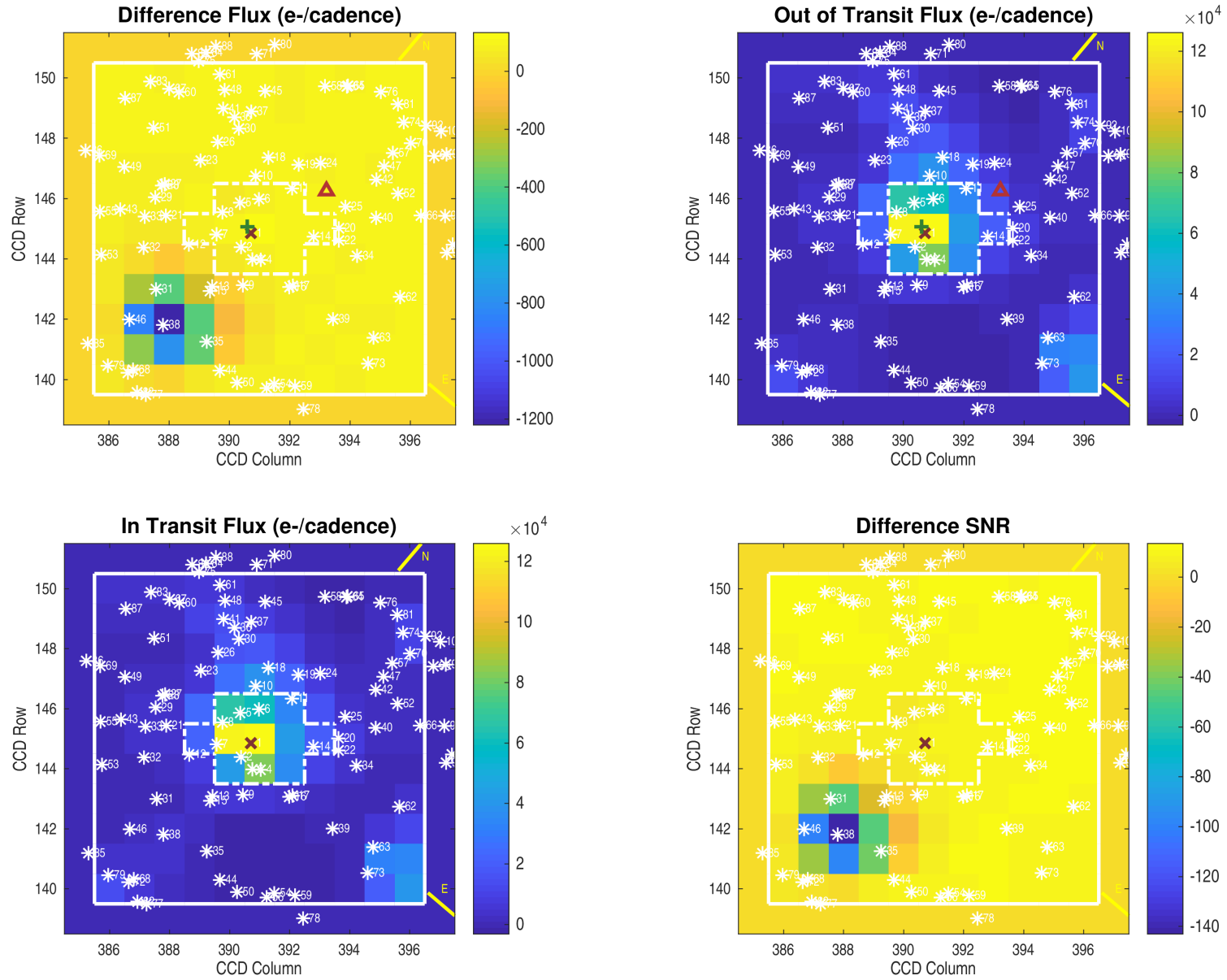
Planet Candidate 1 / Sector 15 / Target Pixel Table 169



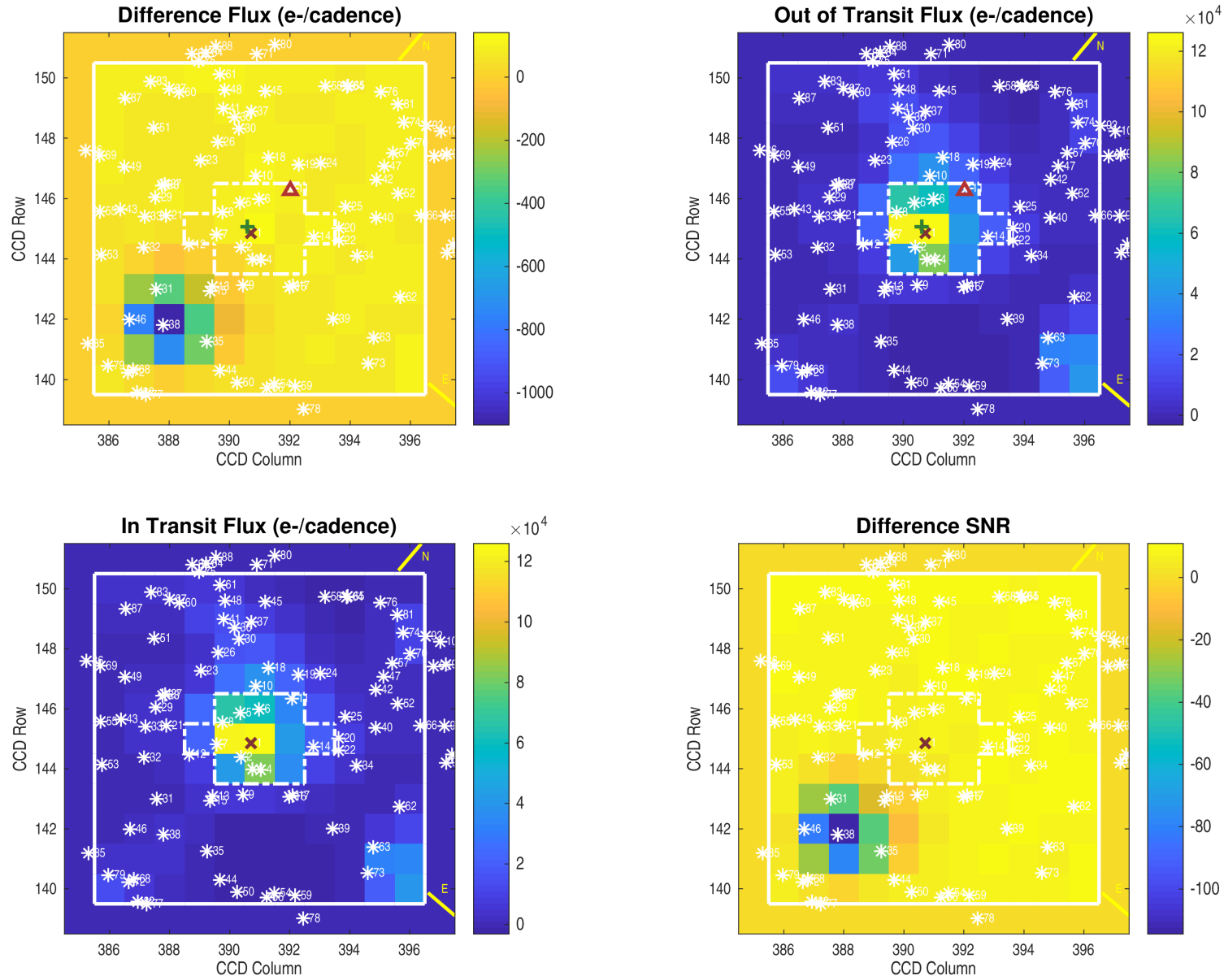
Planet Candidate 2 / Sector 15 / Target Pixel Table 169



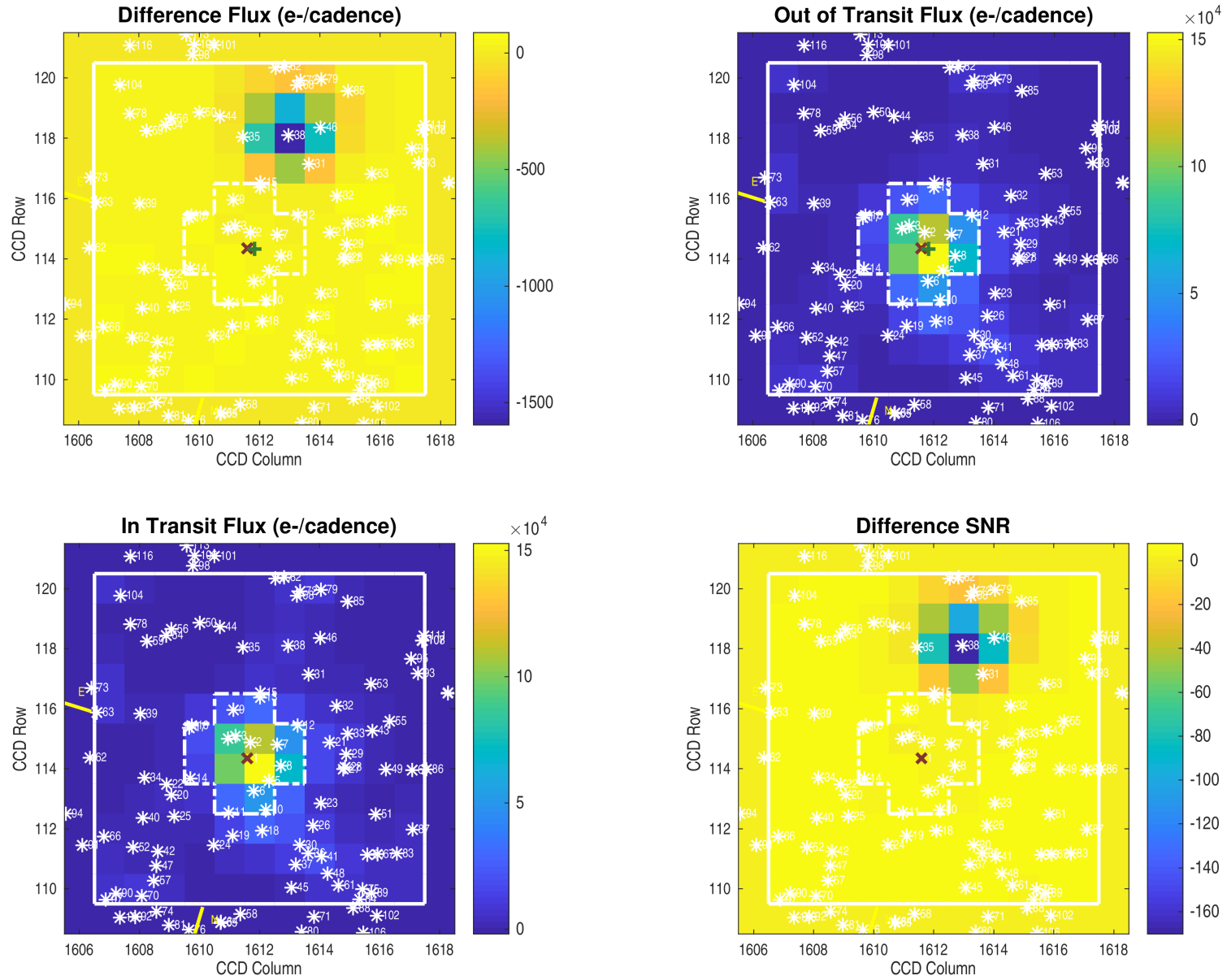
Planet Candidate 3 / Sector 15 / Target Pixel Table 169



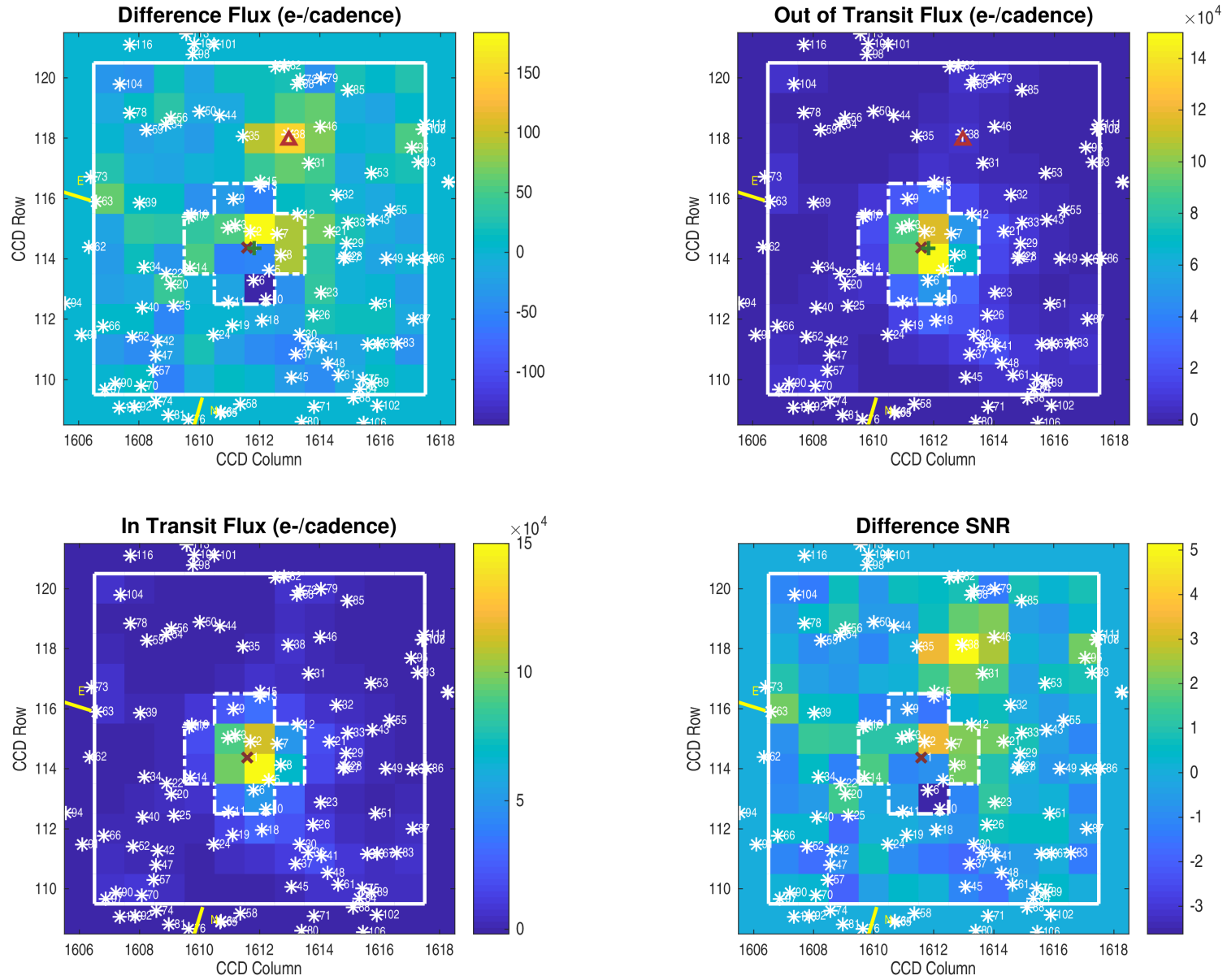
Planet Candidate 4 / Sector 15 / Target Pixel Table 169



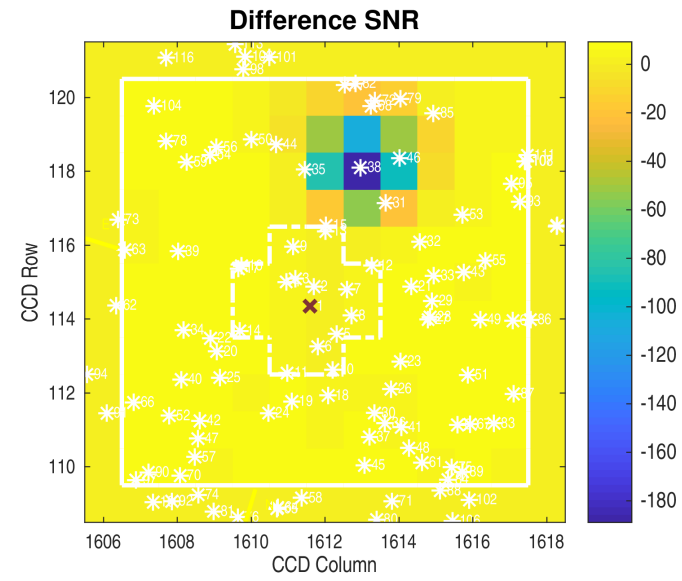
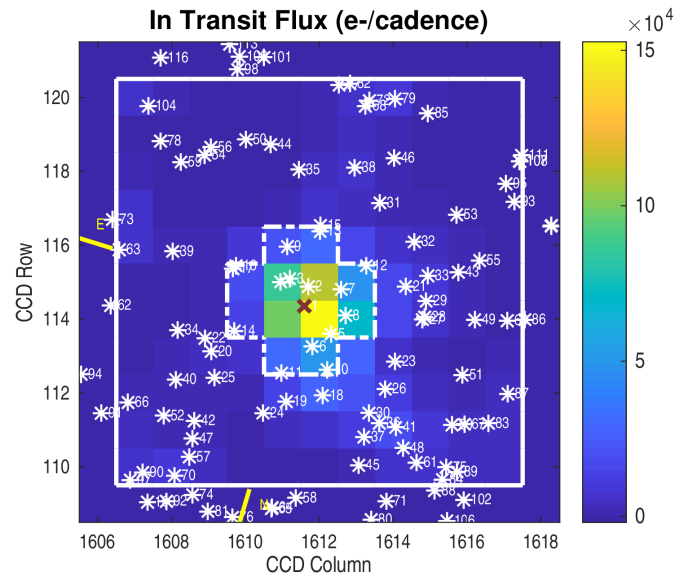
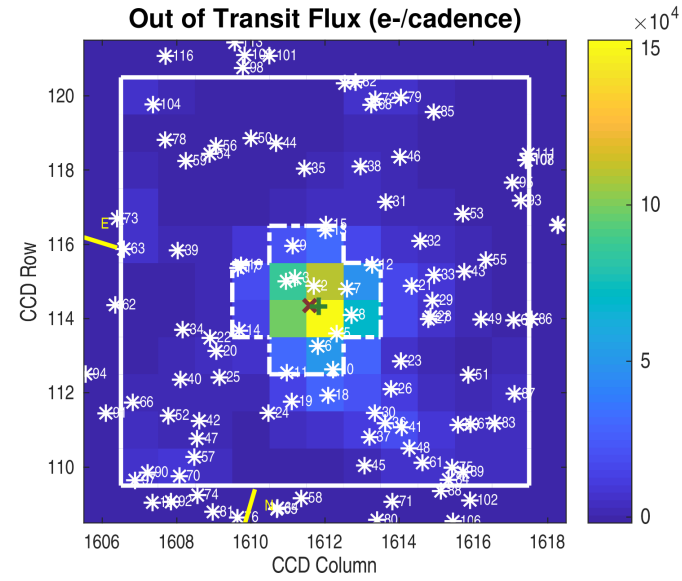
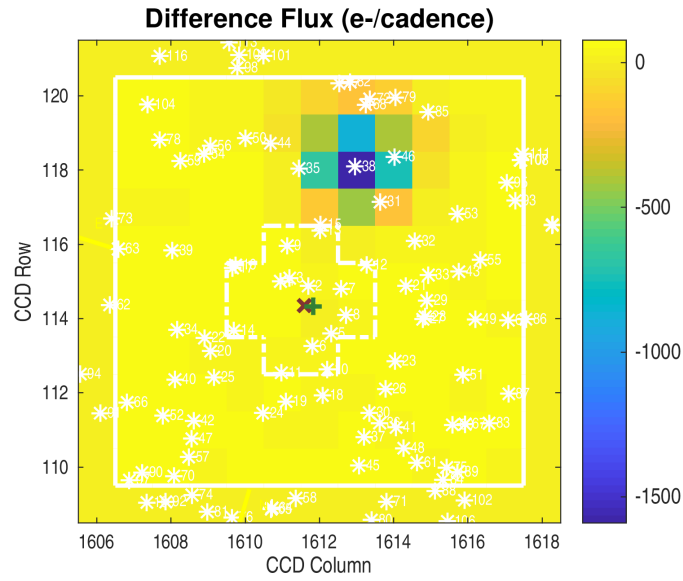
Planet Candidate 1 / Sector 14 / Target Pixel Table 167



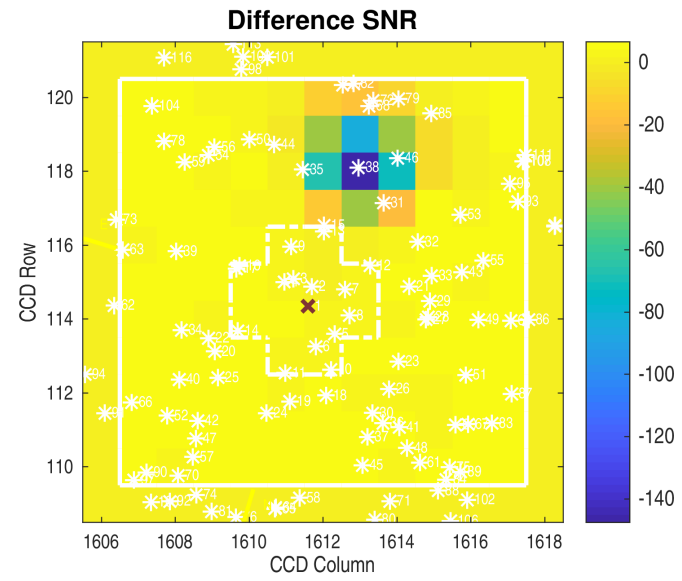
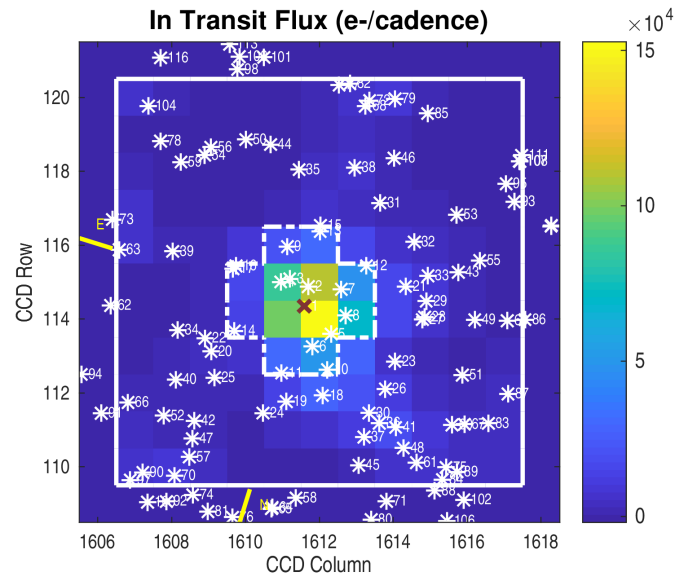
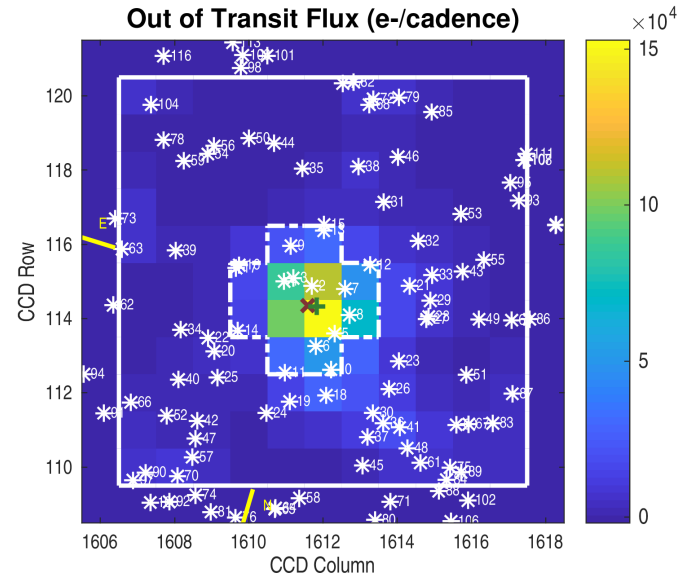
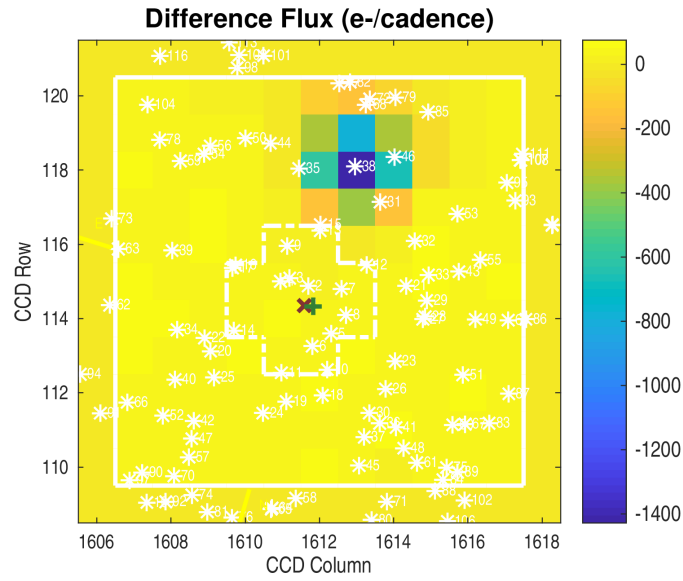
Planet Candidate 2 / Sector 14 / Target Pixel Table 167

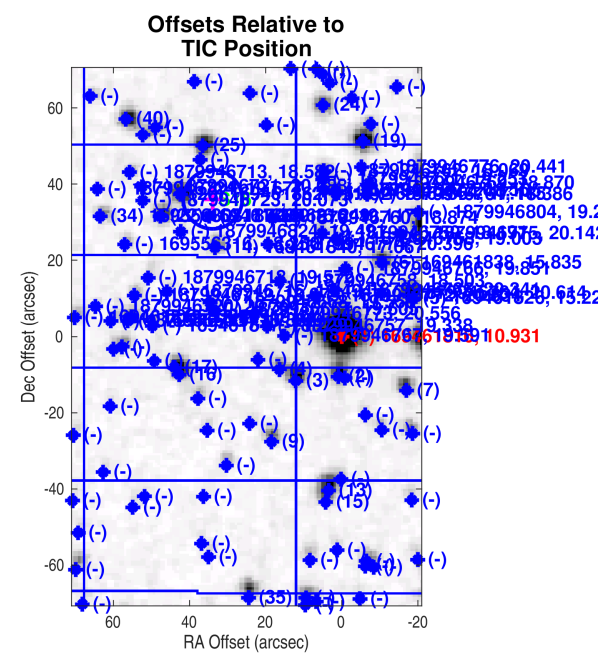
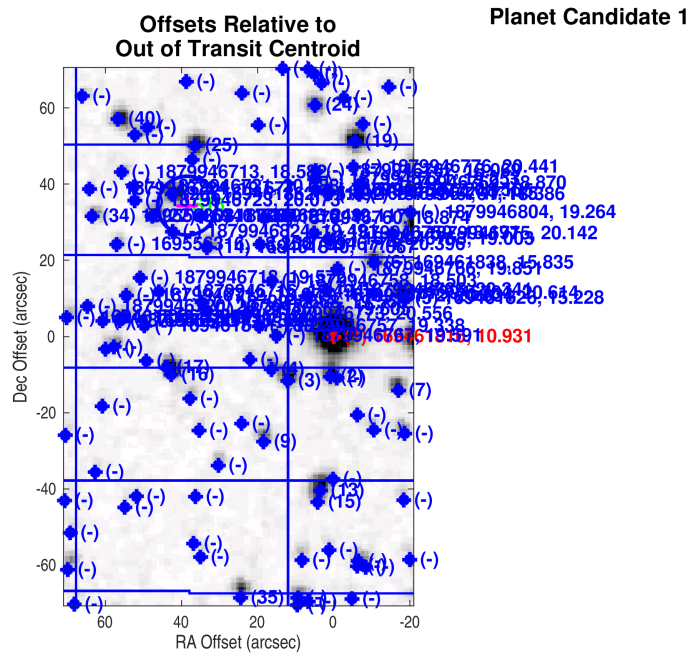
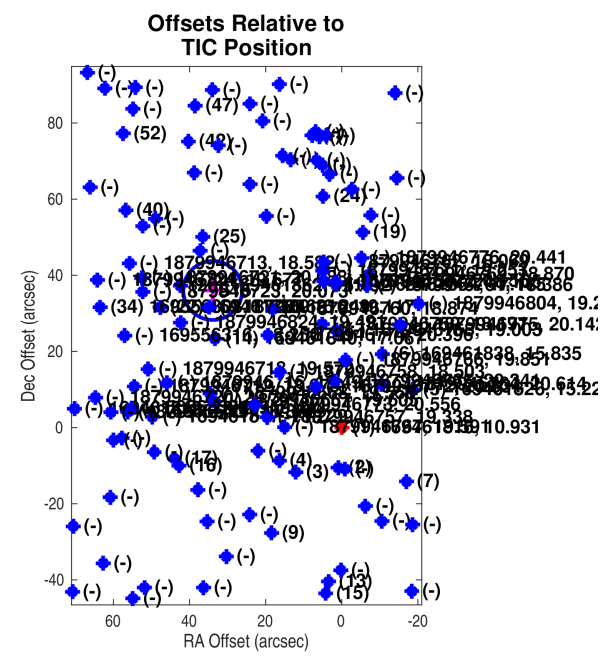
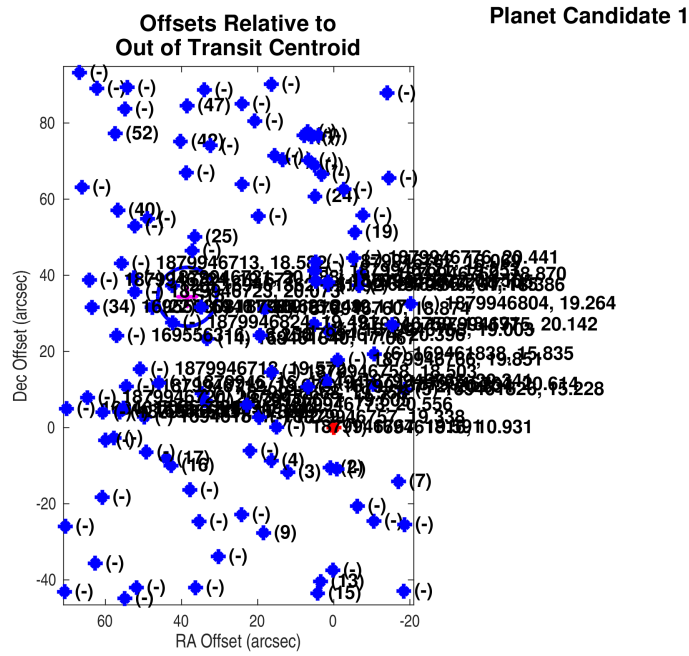


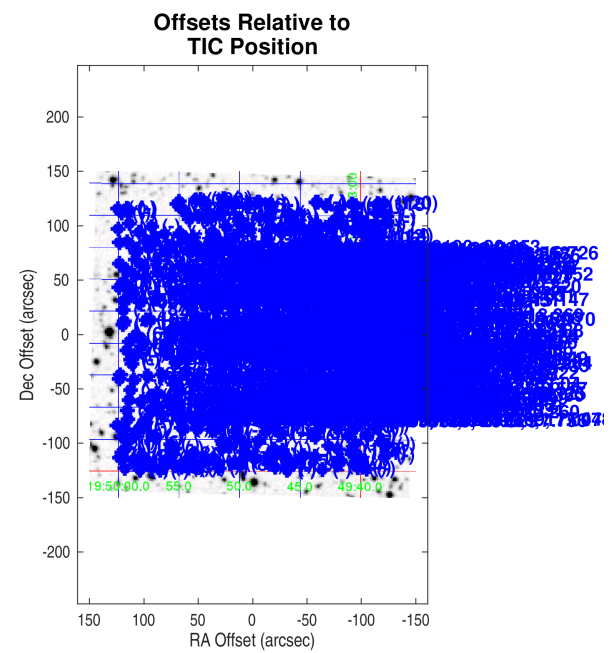
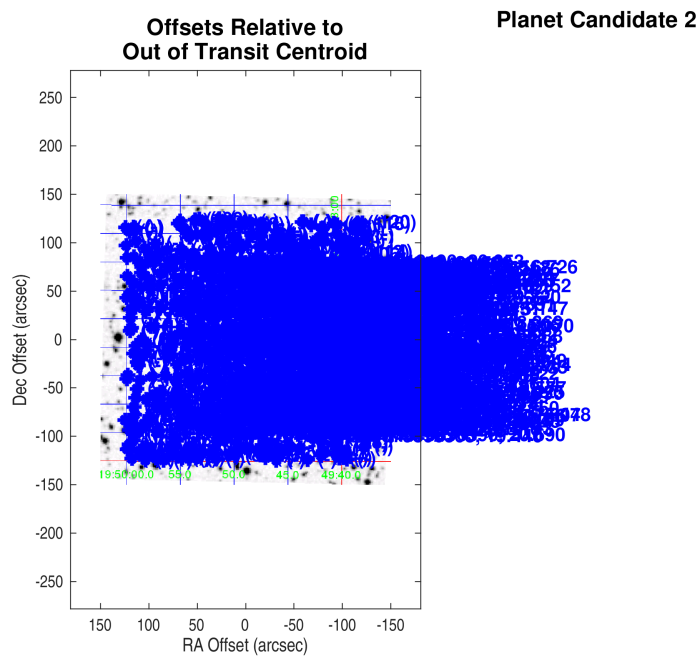
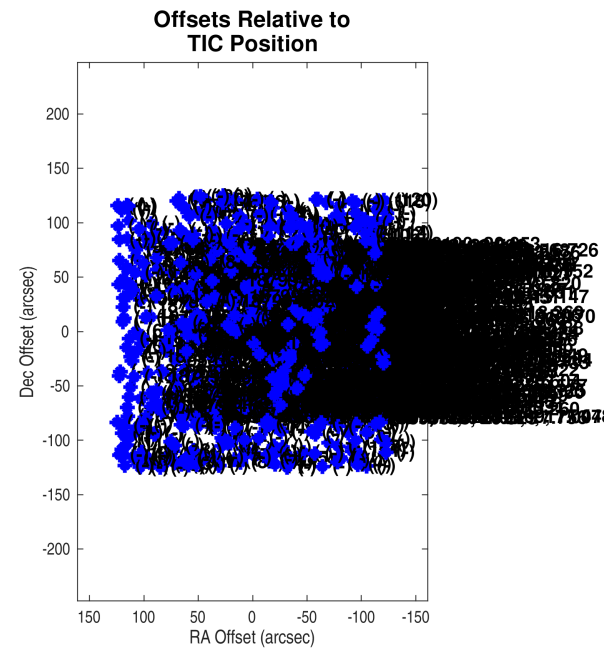
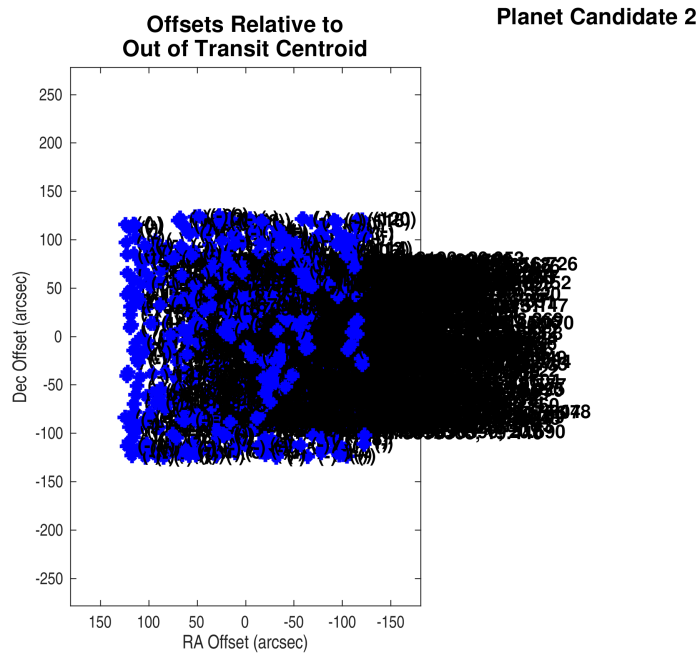
Planet Candidate 3 / Sector 14 / Target Pixel Table 167

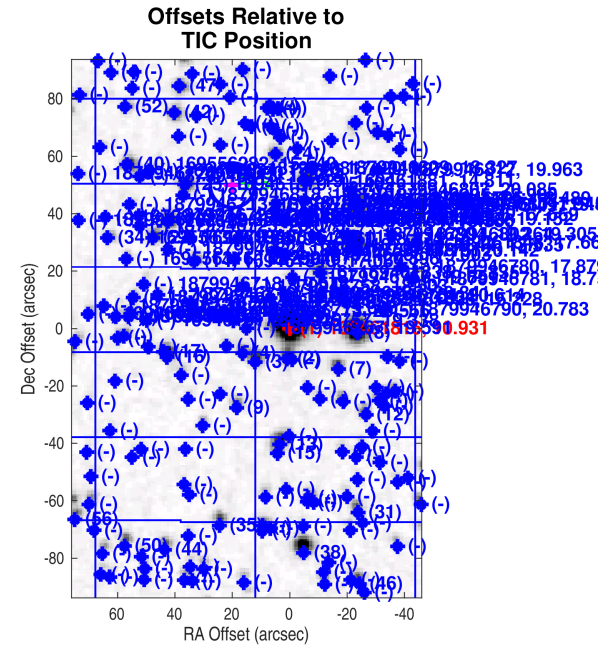
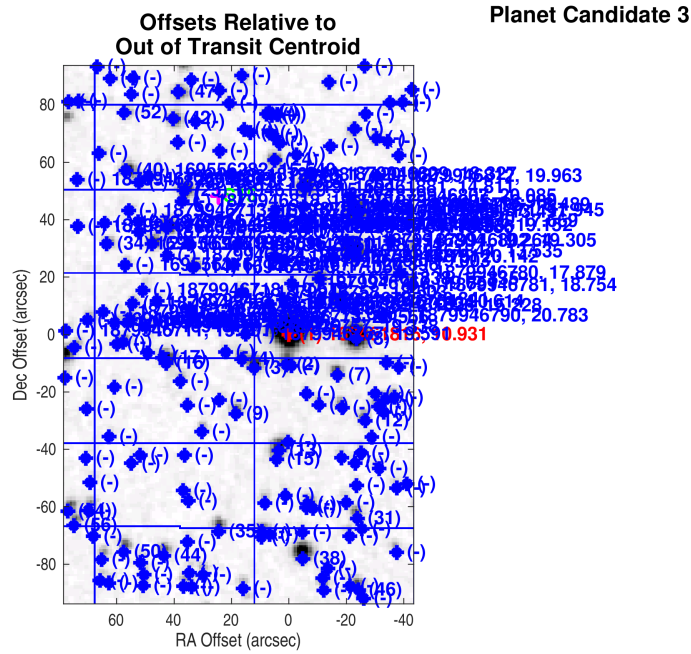
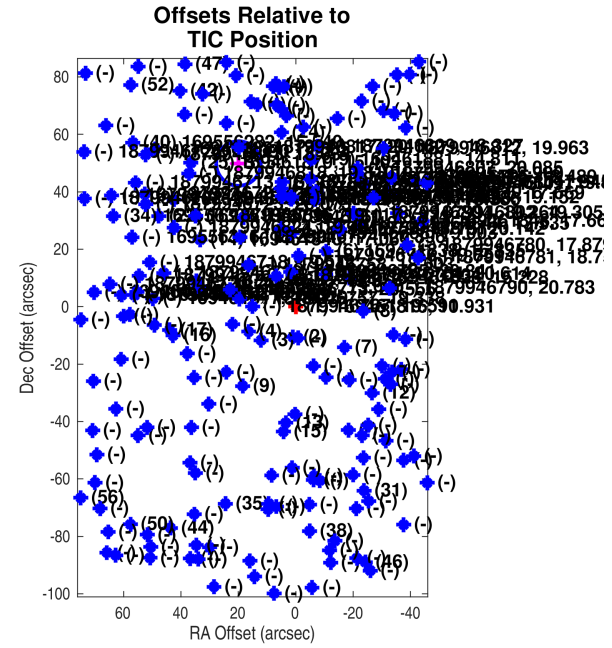
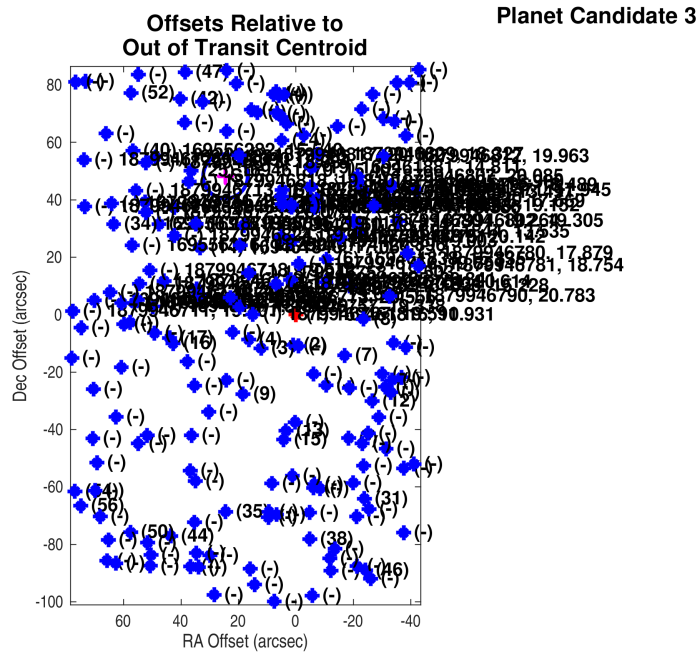


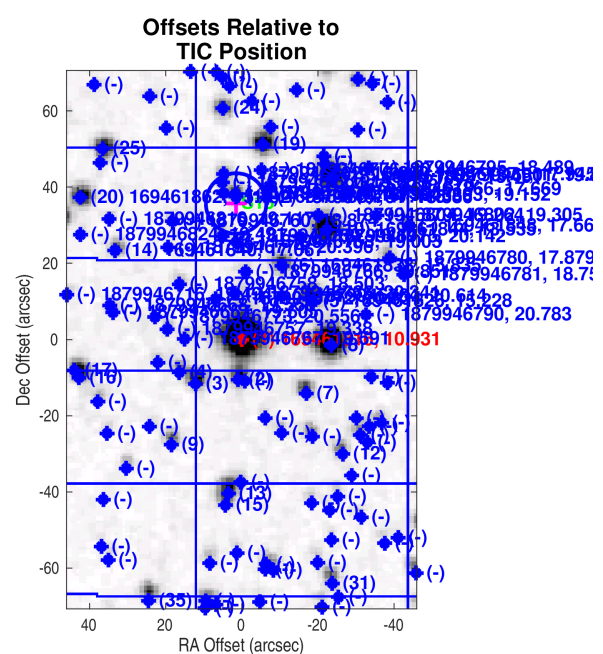
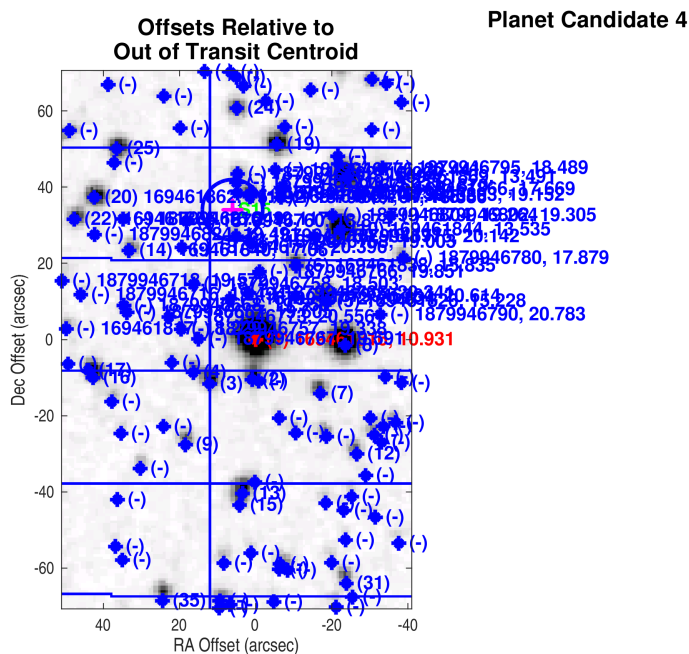
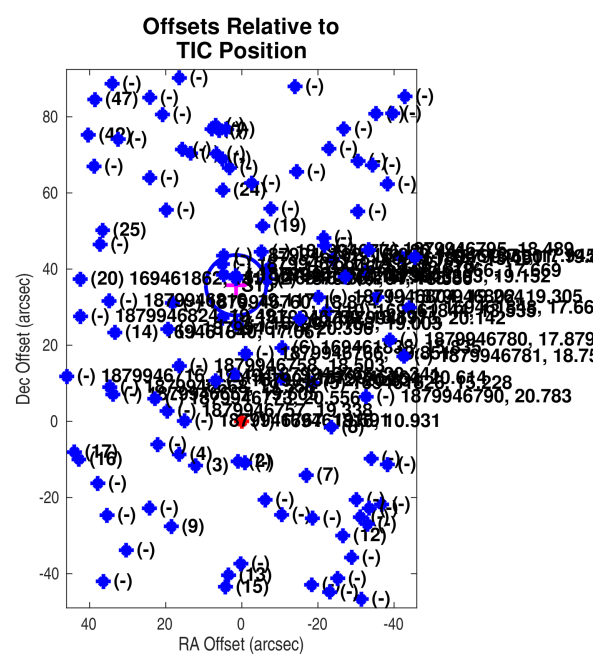
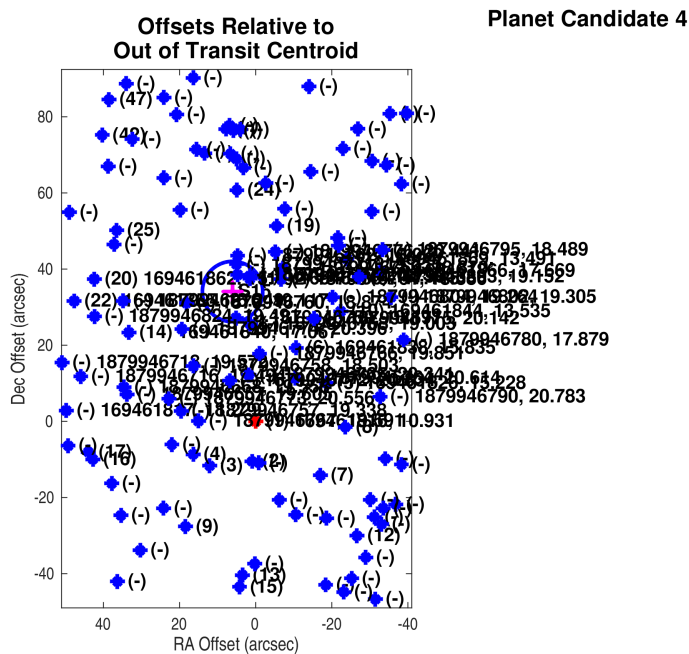
Planet Candidate 4 / Sector 14 / Target Pixel Table 167

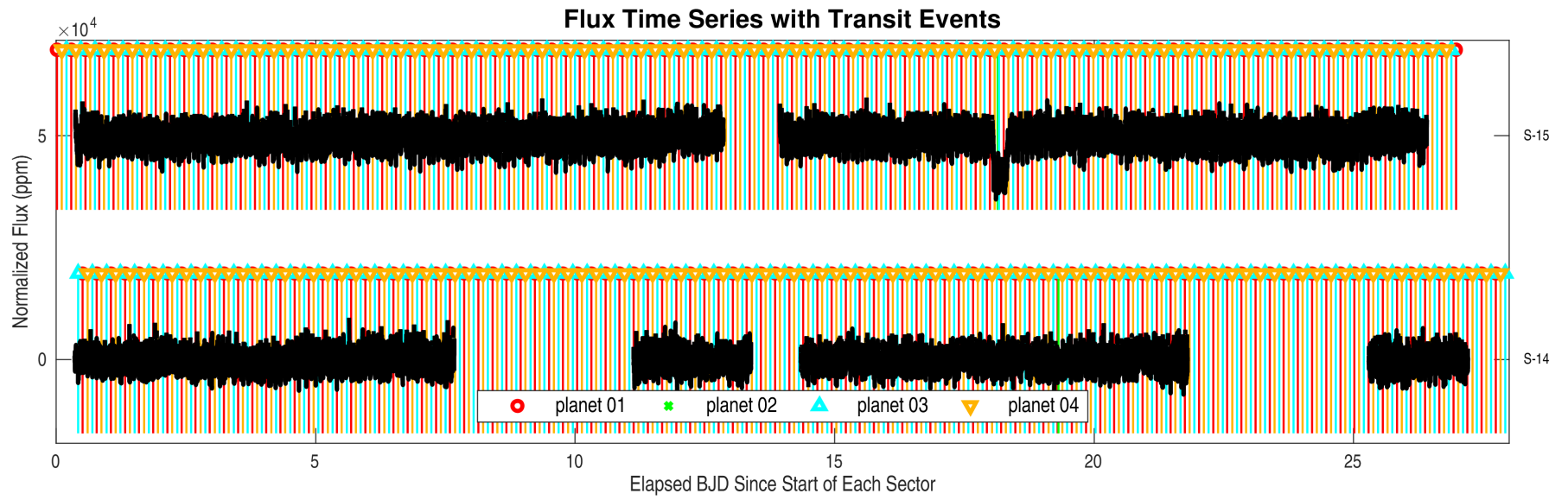
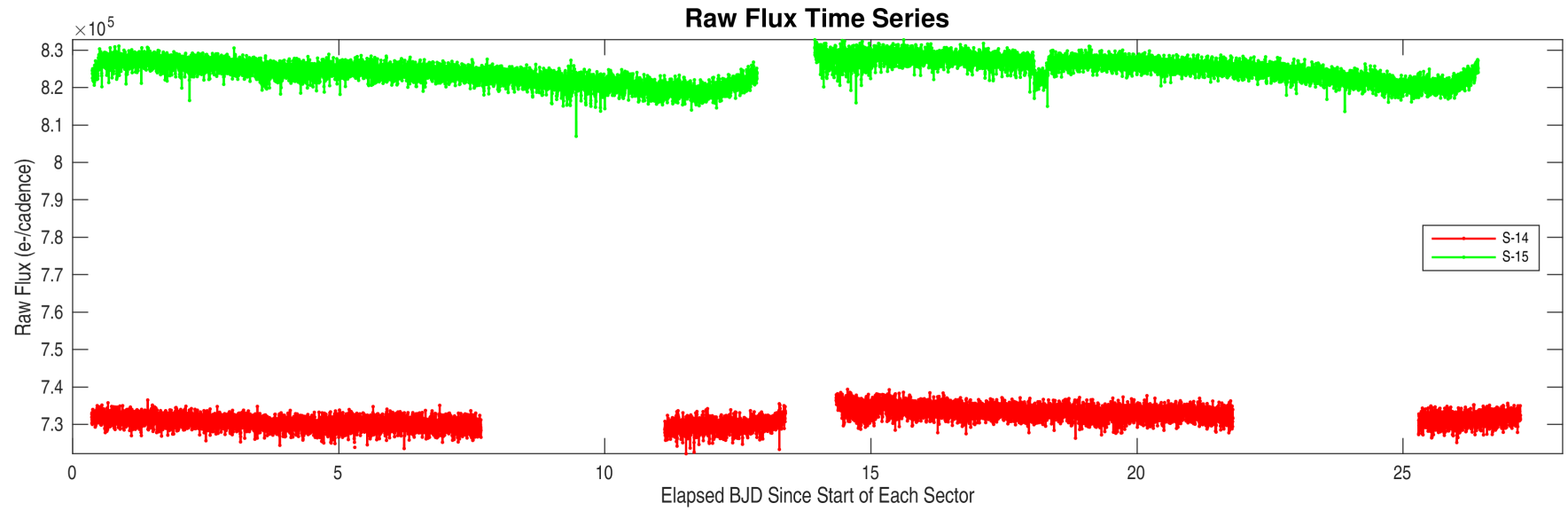


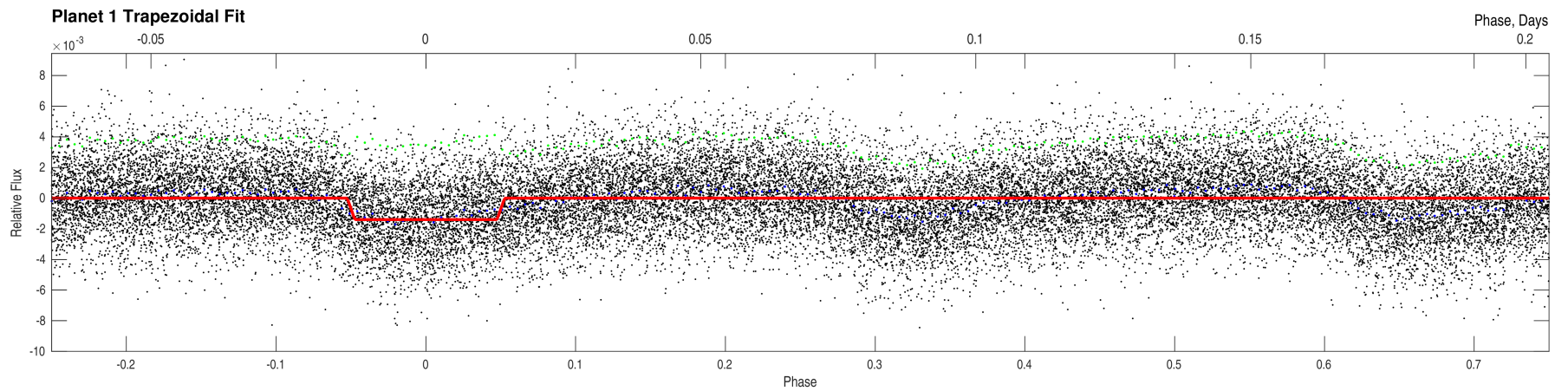
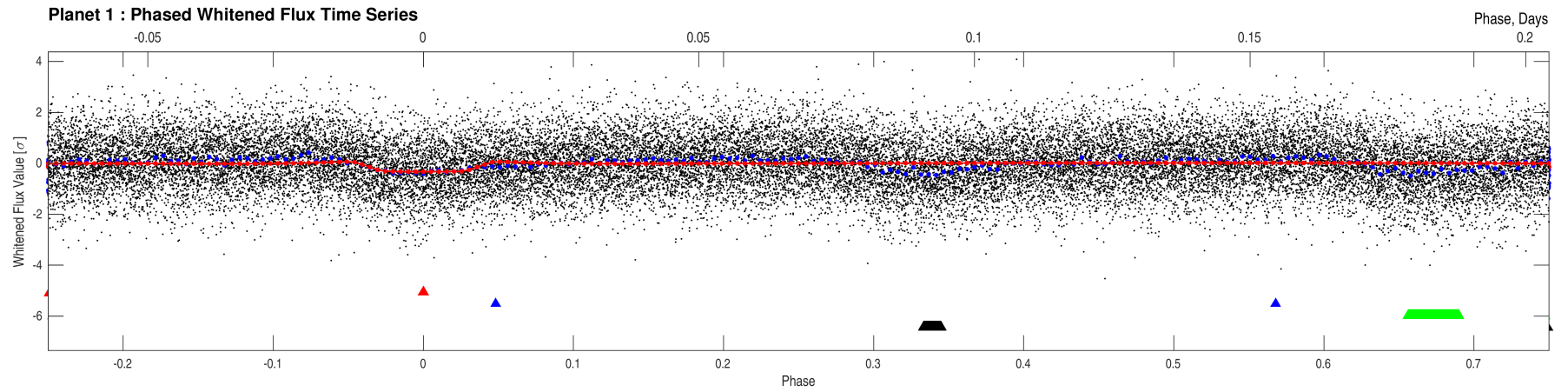
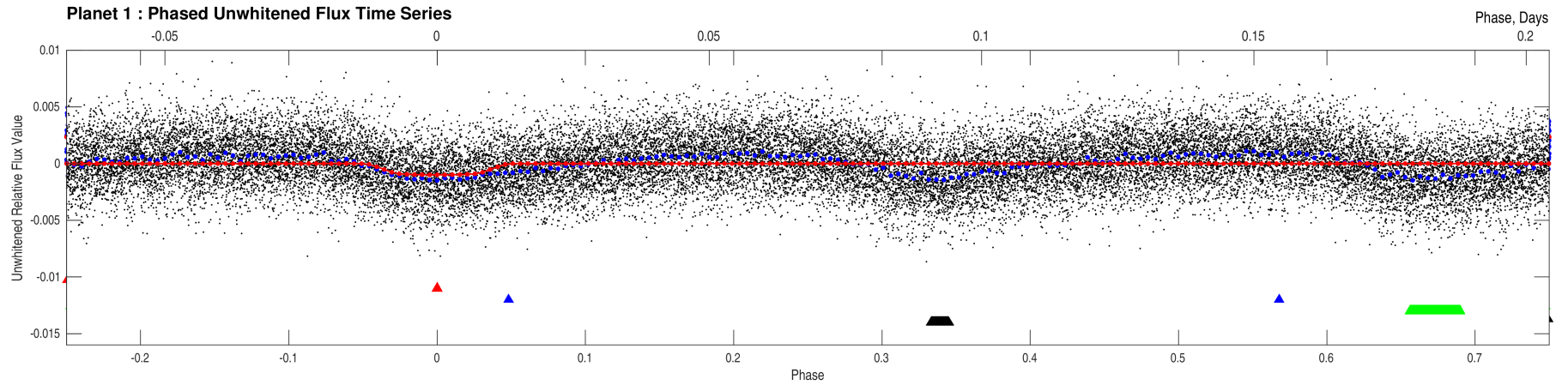


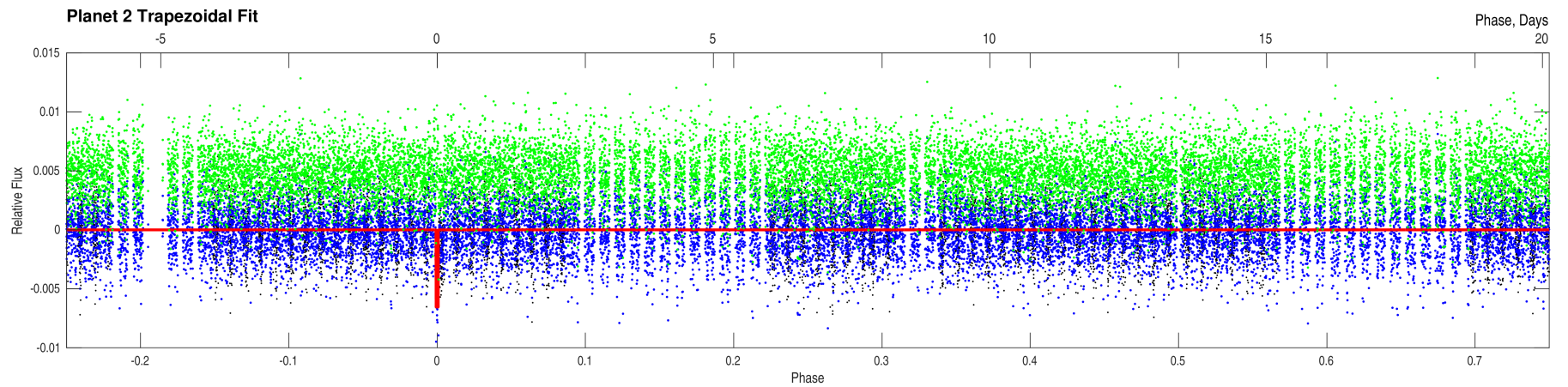
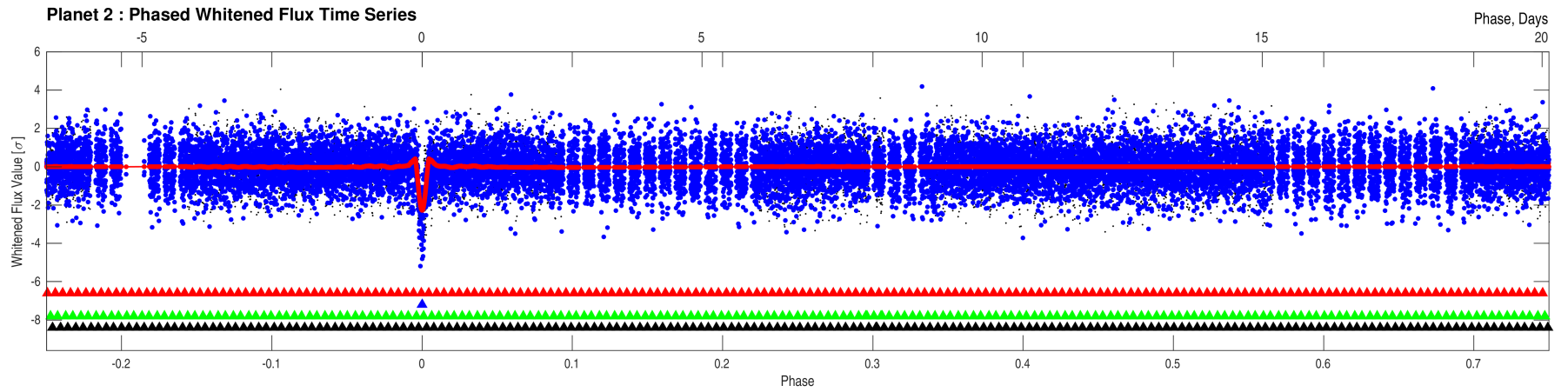
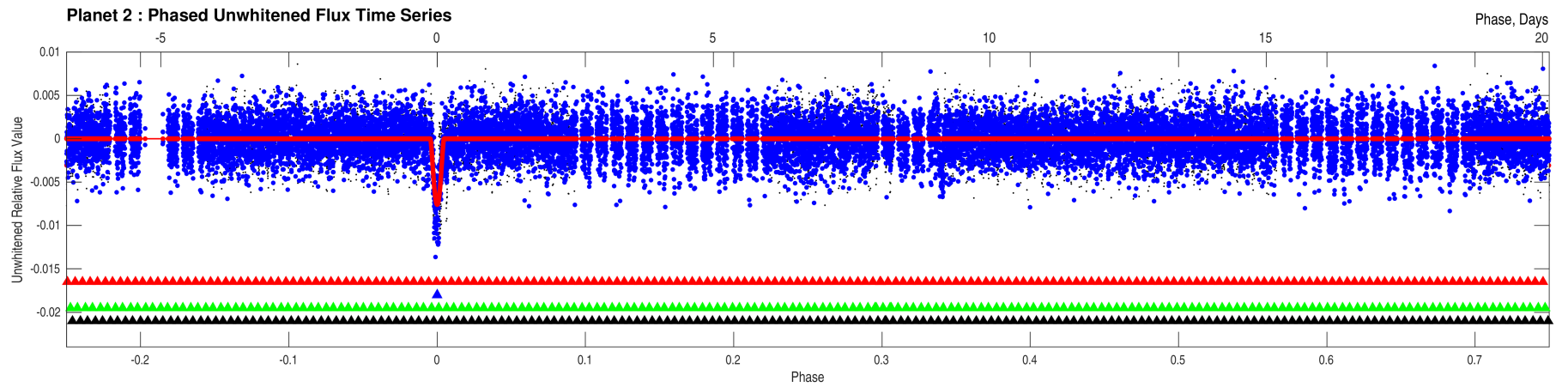


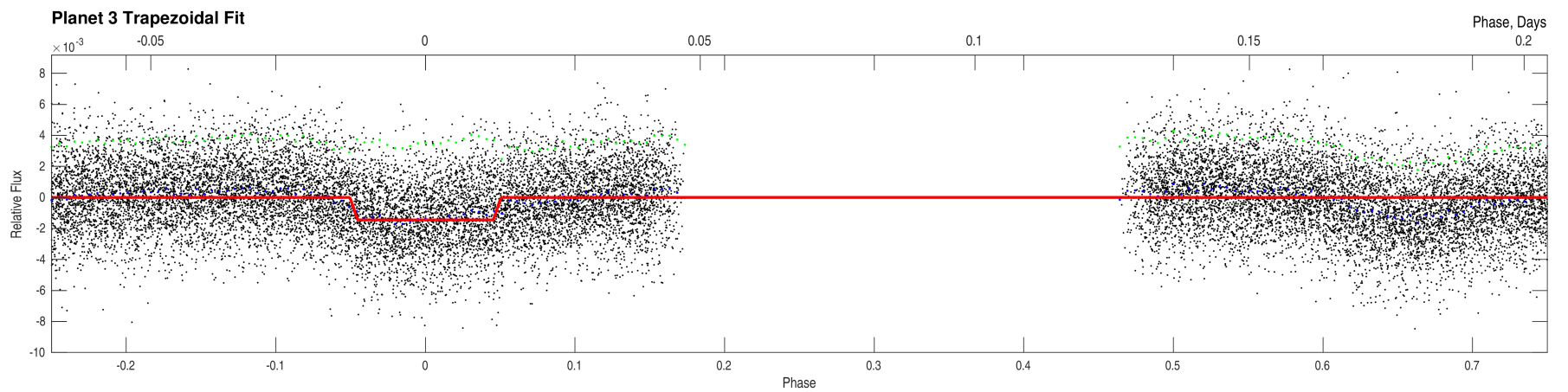
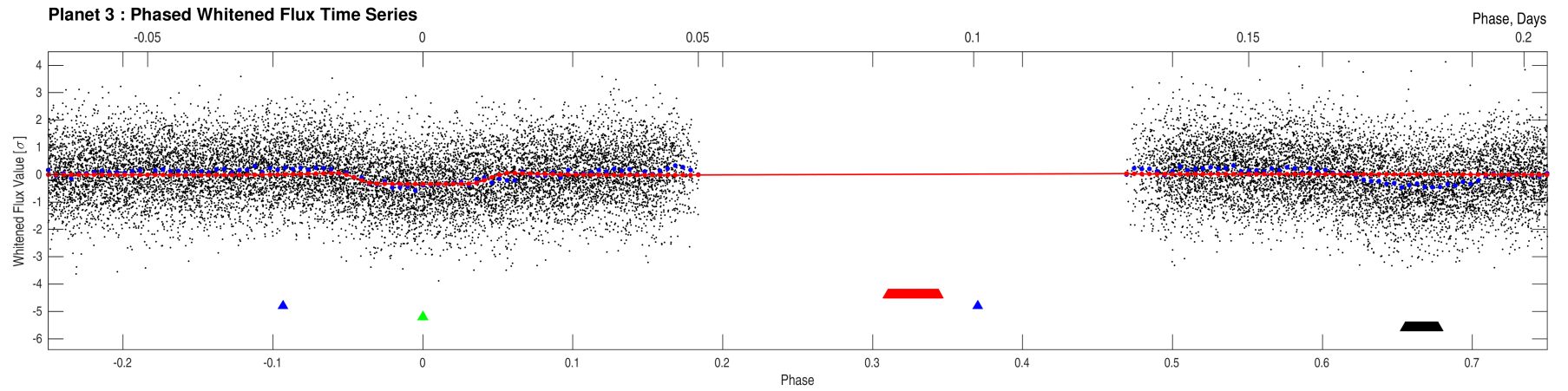
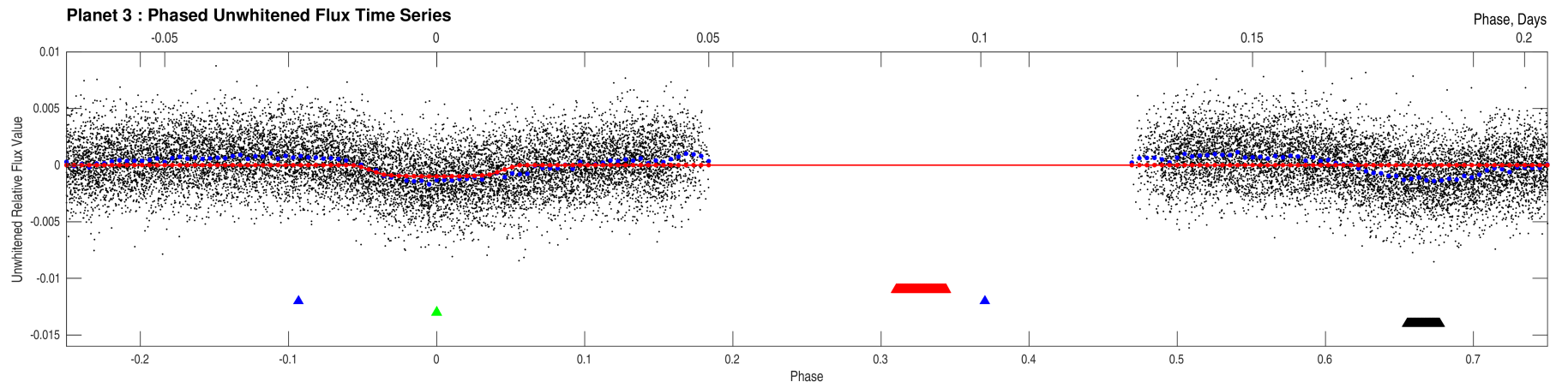


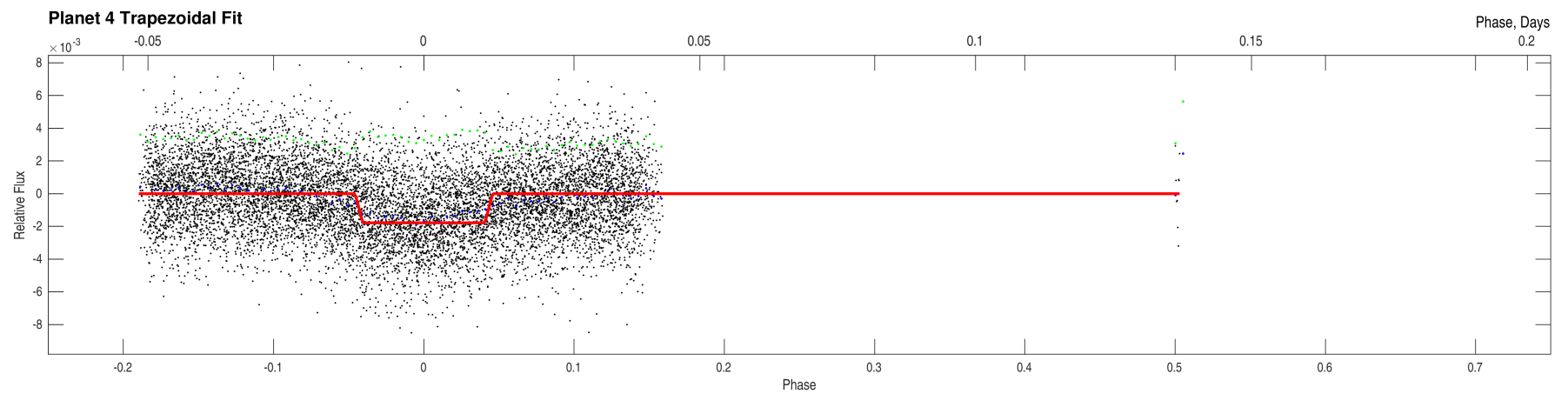
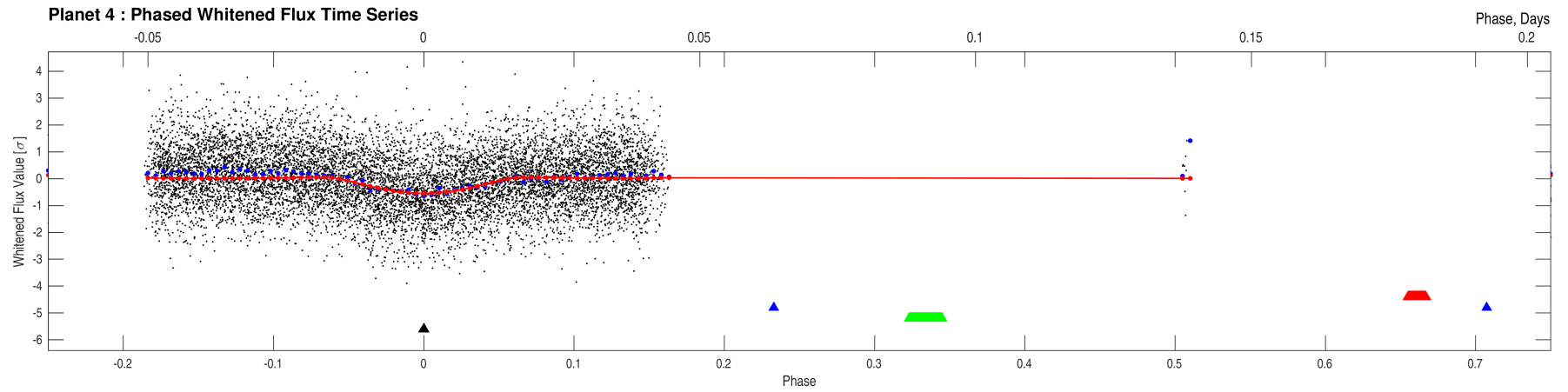
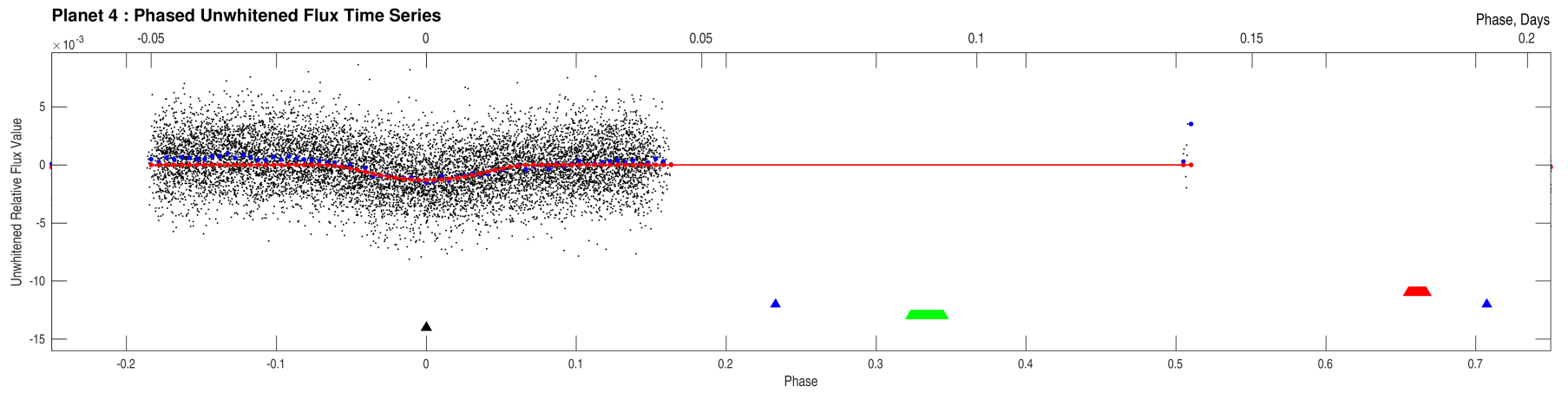






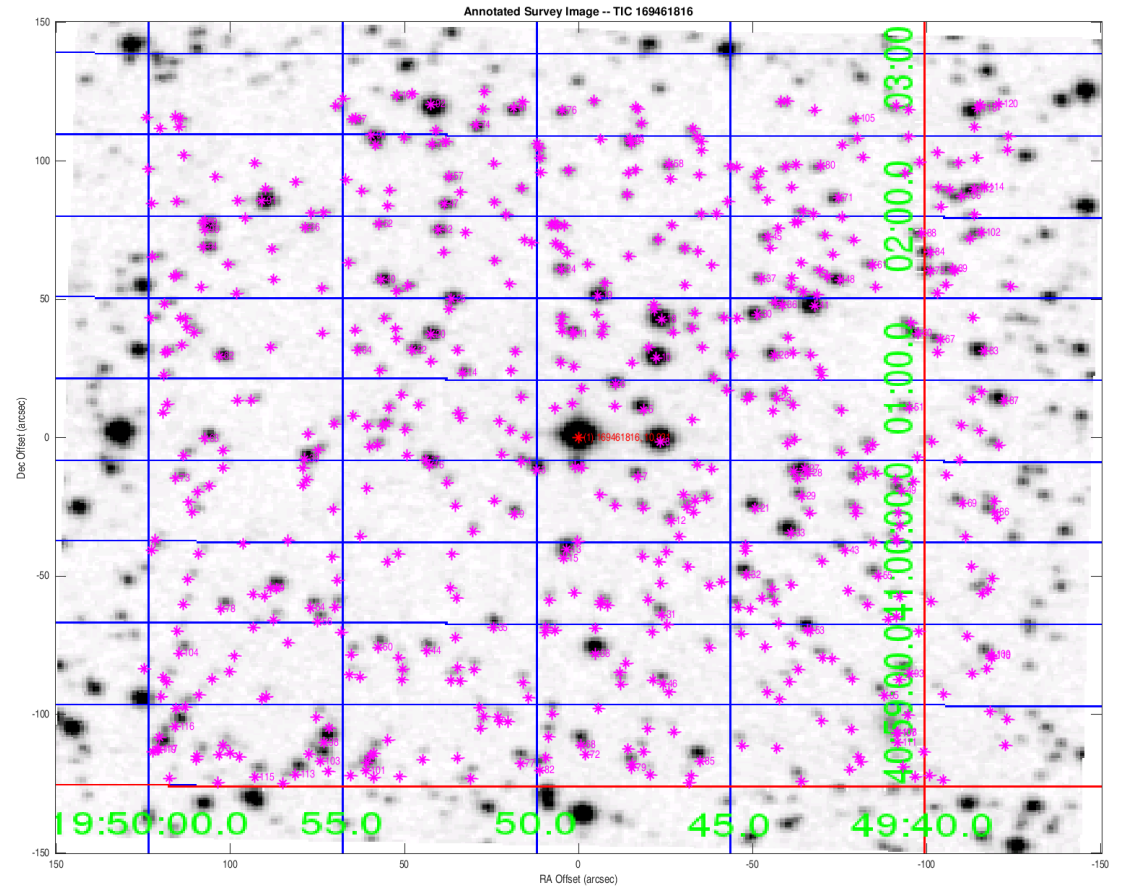






Stellar Distance Table

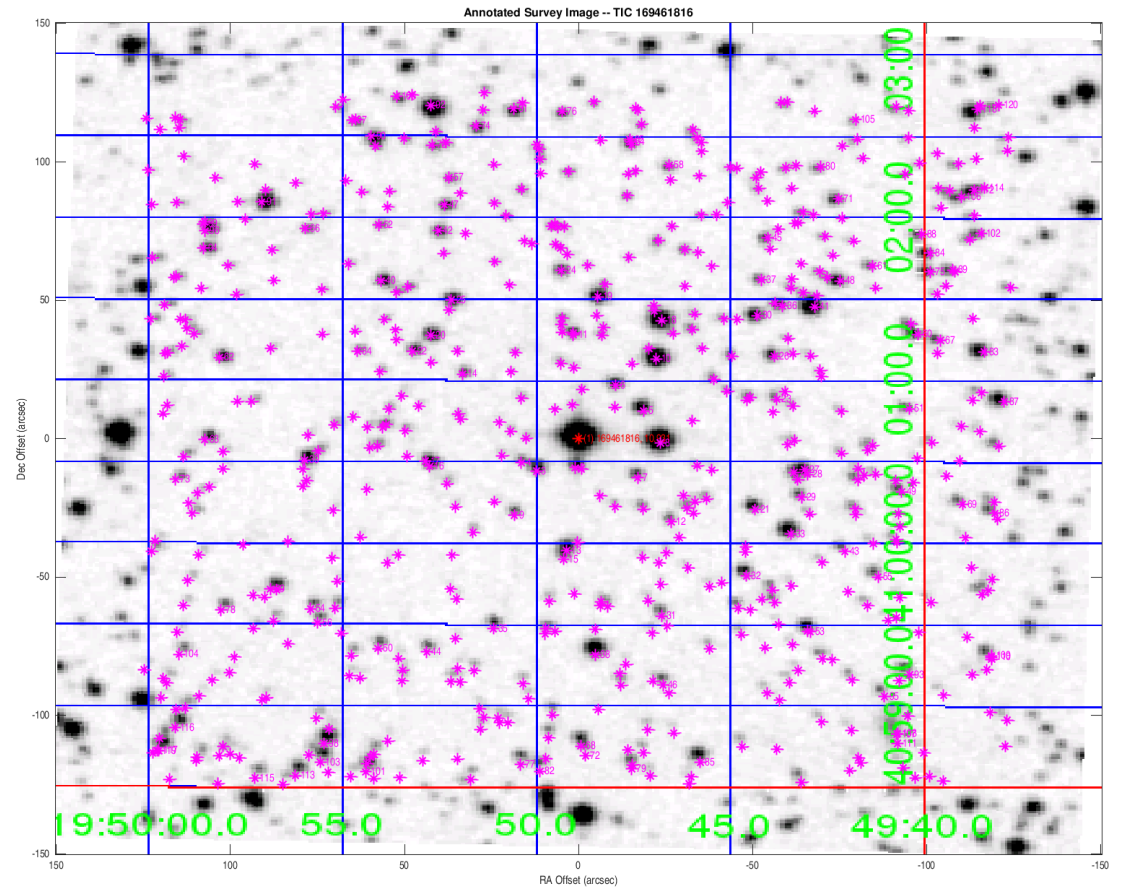
| Index | TIC ID | TESS Mag | Distance (arcsec) |
|-------|------------------|----------|-------------------|
| 1 | 0000000169461816 | 10.93 | 0.00 |
| 2 | 0000000169461804 | 15.95 | 10.57 |
| 3 | 0000000169461803 | 15.68 | 16.82 |
| 4 | 0000000169461807 | 17.26 | 18.57 |
| 5 | 0000000169461826 | 15.23 | 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

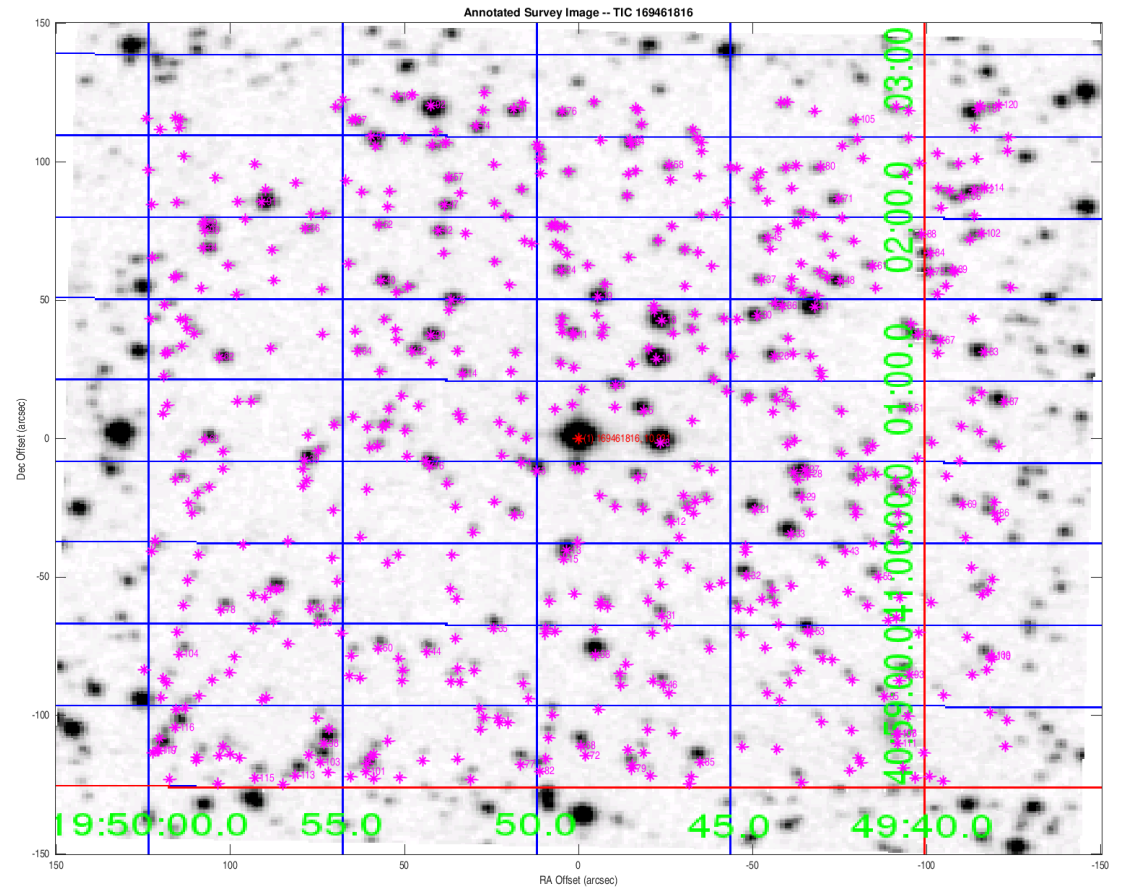
| Index | TIC ID | TESS Mag | Distance (arcsec) |
|-------|------------------|----------|-------------------|
| 41 | 0000000169461876 | 13.51 | 82.94 |
| 42 | 0000000169461905 | 15.95 | 85.30 |
| 43 | 0000000169461763 | 17.25 | 86.70 |
| 44 | 0000000169461719 | 17.23 | 88.52 |
| 45 | 0000000169461899 | 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 | 96.40 |
| 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 | 170.56 |



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