

## DV Fit Results:

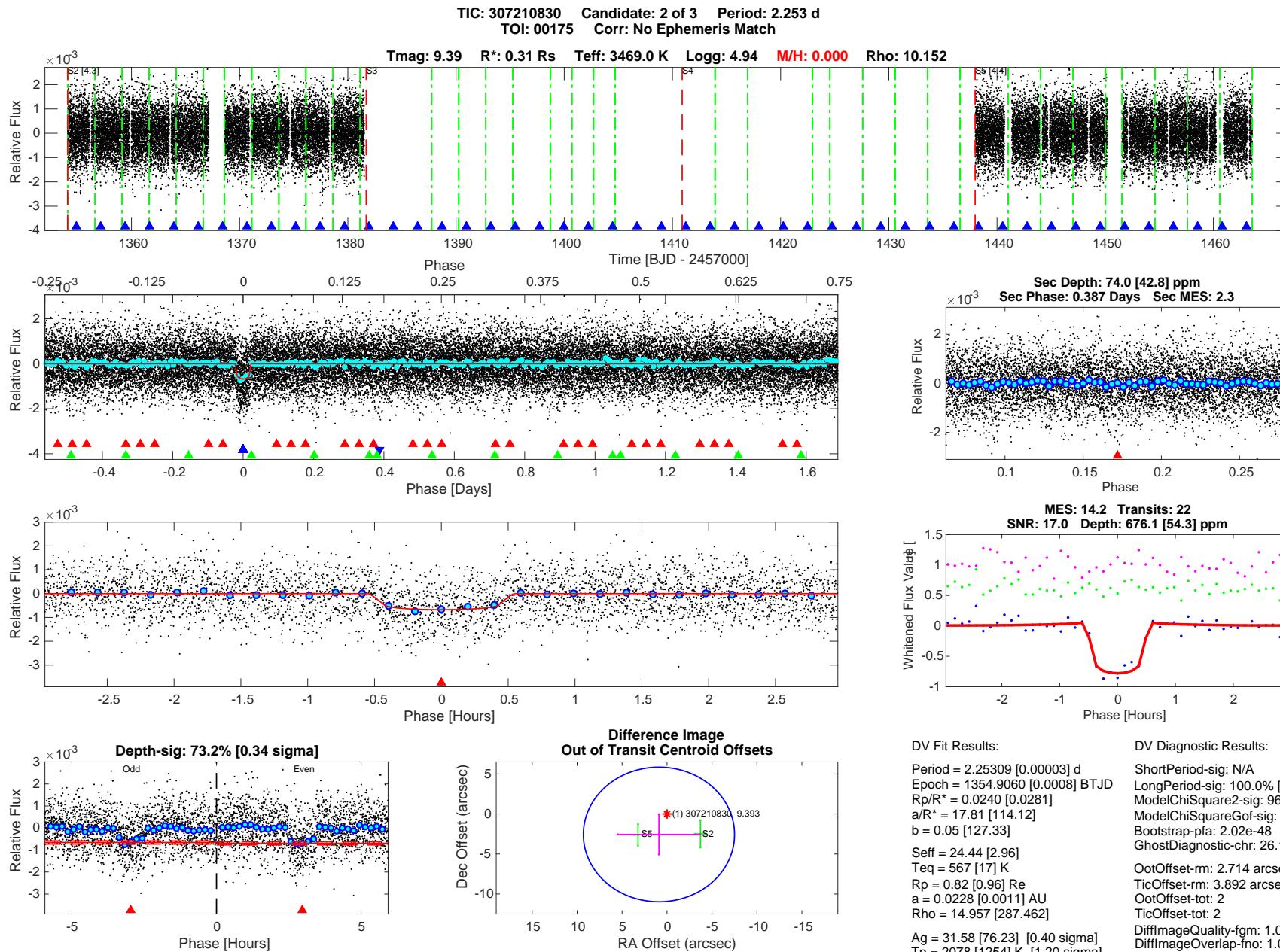
Period = 3.69060 [0.00003] d  
 Epoch = 1356.2039 [0.0005] BTJD  
 Rp/R\* = 0.0411 [0.0056]  
 a/R\* = 19.22 [14.01]  
 b = 0.58 [0.85]  
 Seff = 12.66 [1.53]  
 Teq = 481 [15] K  
 Rp = 1.40 [0.20] Re  
 a = 0.0317 [0.0016] AU  
 Rho = 7.005 [15.320]  
 Ag = 50.15 [22.66] [2.17 sigma]  
 Tp = 1979 [222] K [6.73 sigma]

## DV Diagnostic Results:

ShortPeriod-sig: 100.0% [21.40 sigma]  
 LongPeriod-sig: 100.0% [60.72 sigma]  
 ModelChiSquare2-sig: 26.6%  
 ModelChiSquareGof-sig: 100.0%  
 Bootstrap-pfa: 1.46e-202  
 GhostDiagnostic-chr: 13.94  
 OotOffset-rm: 1.259 arcsec [0.48 sigma]  
 TicOffset-rm: 2.778 arcsec [0.97 sigma]  
 OotOffset-tot: 2  
 TicOffset-tot: 2  
 DiffImageQuality-fgm: 1.00 [2/2]  
 DiffImageOverlap-fno: 1.00 [2/2]

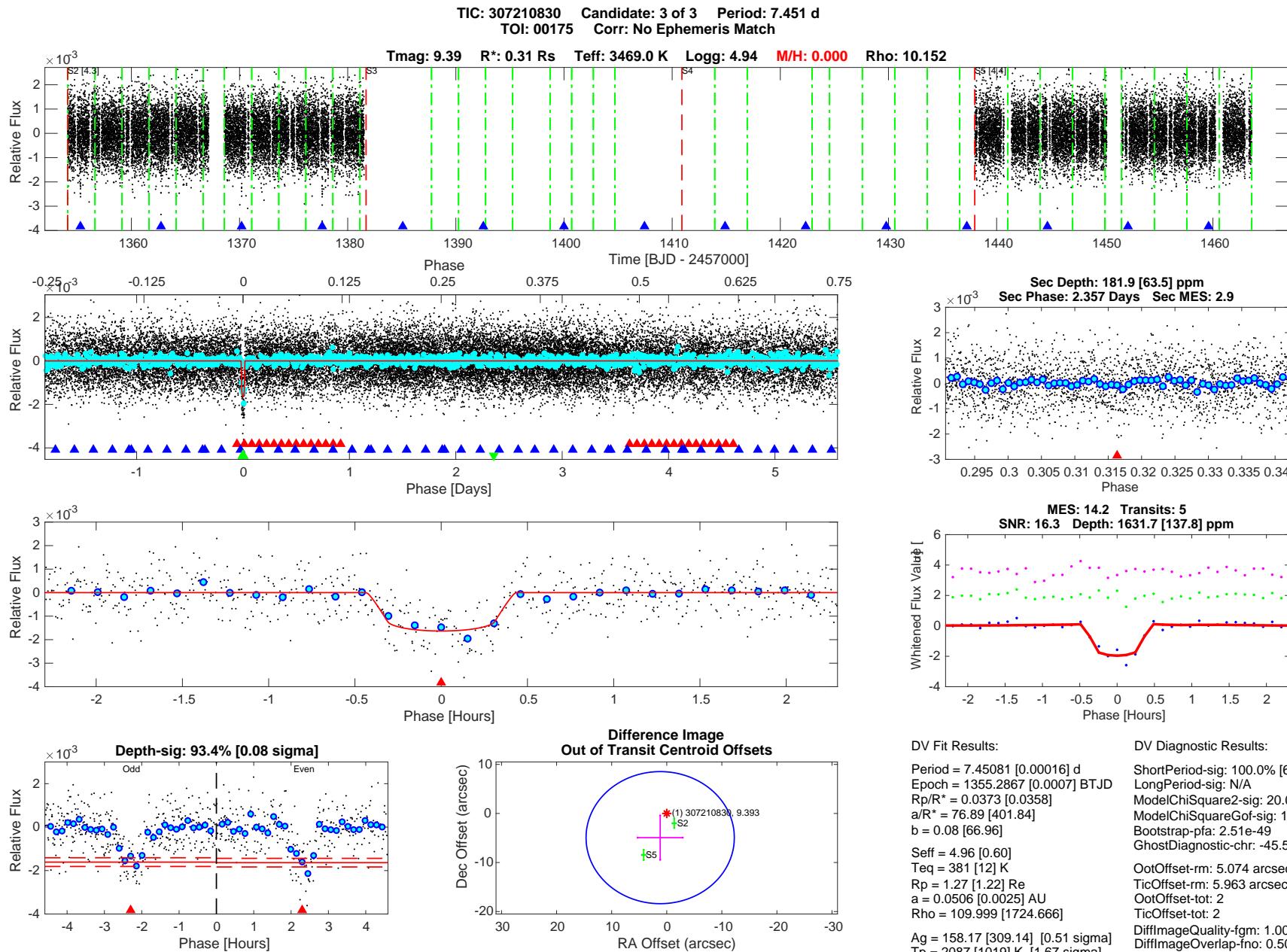
Software Revision: spoc-3.3.63-20190411 -- Date Generated: 18-Apr-2019 11:15:13 Z

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



Software Revision: spoc-3.3.63-20190411 -- Date Generated: 18-Apr-2019 11:15:23 Z

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

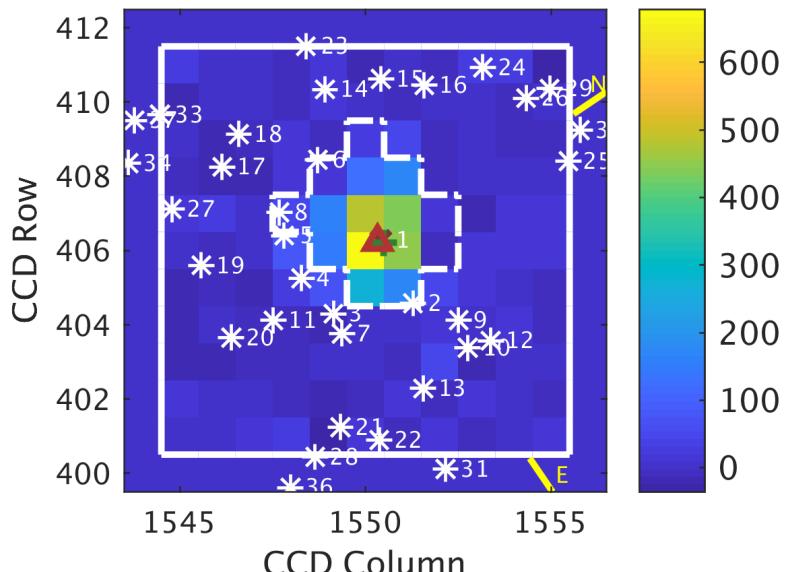


Software Revision: spoc-3.3.63-20190411 -- Date Generated: 18-Apr-2019 11:15:32 Z

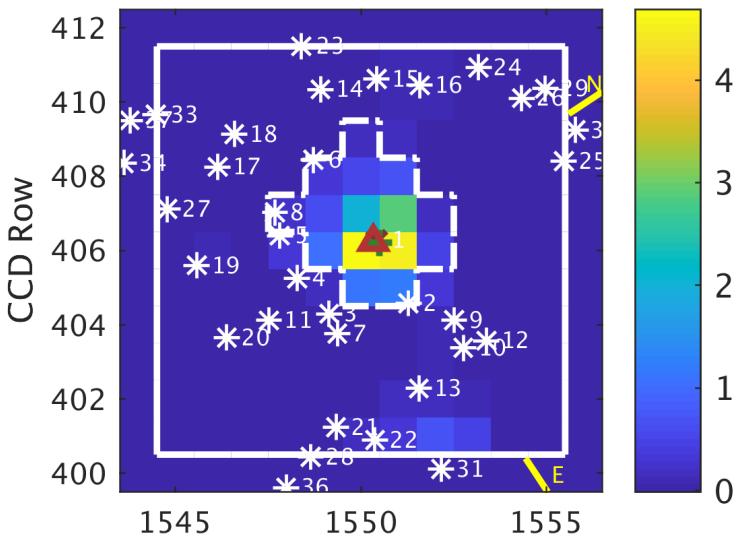
This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

### Planet Candidate 1 / Sector 5 / Target Pixel Table 136

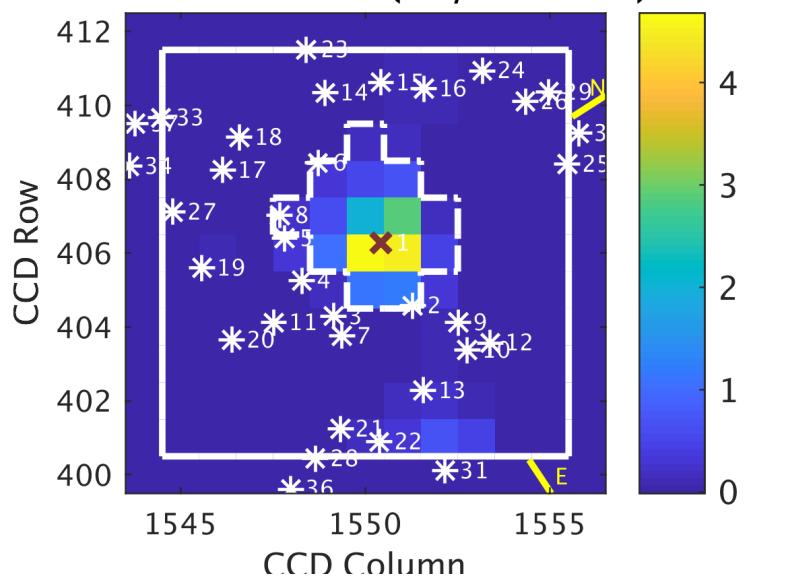
**Difference Flux (e-/cadence)**



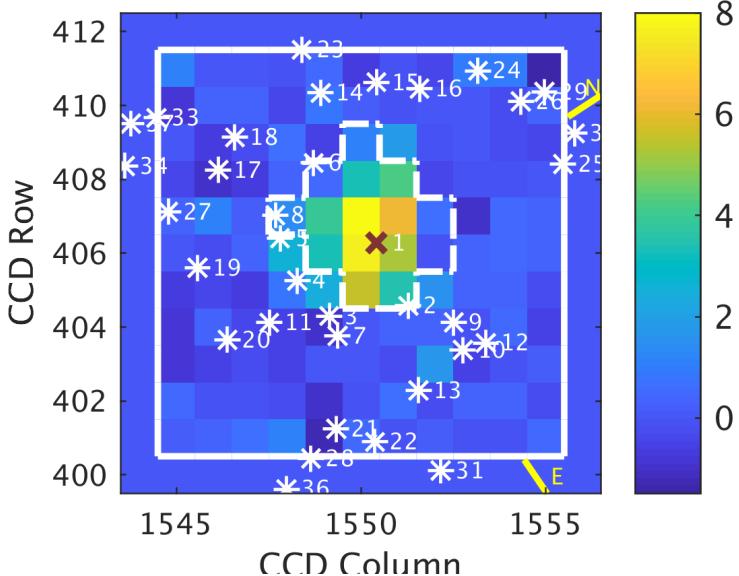
**Out of Transit Flux (e-/cadence)  $\times 10^5$**

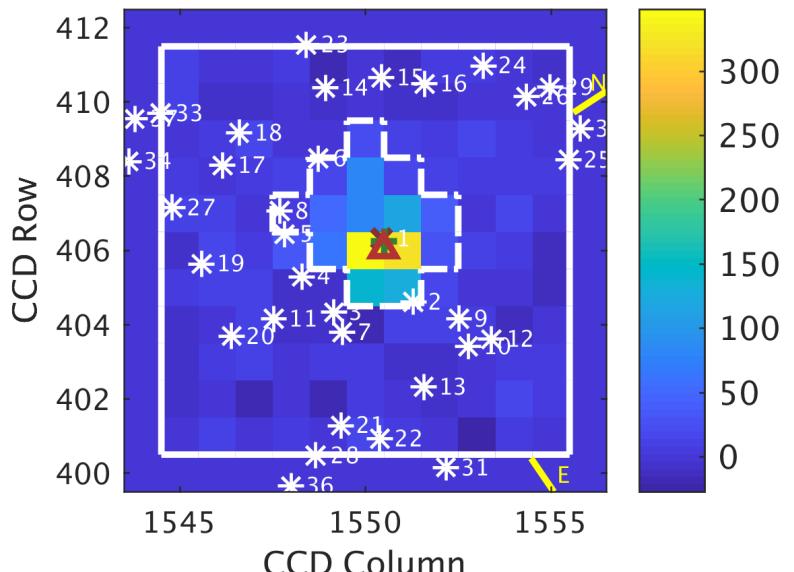
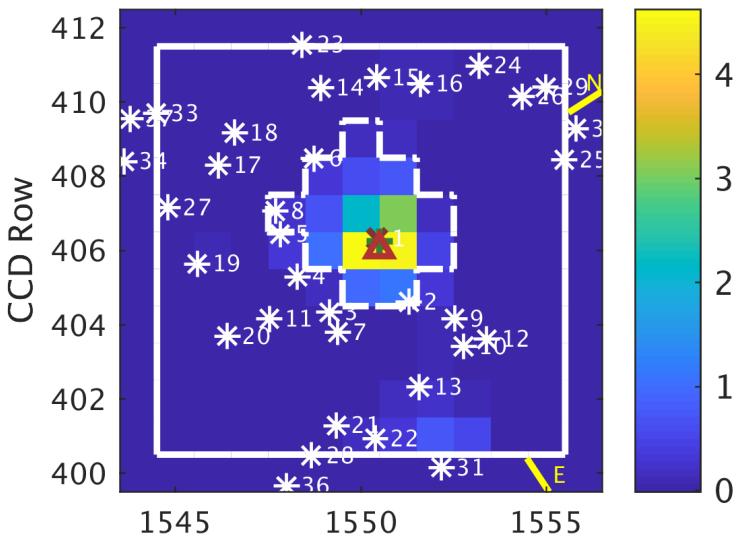
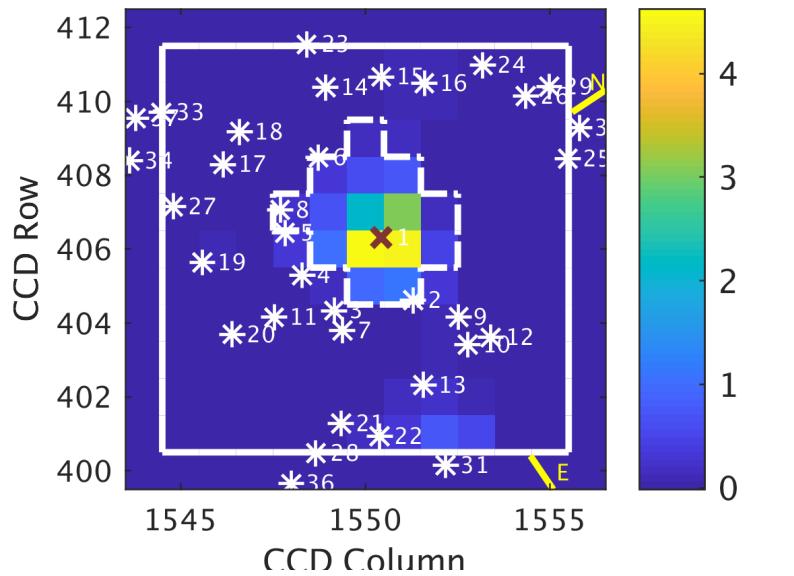
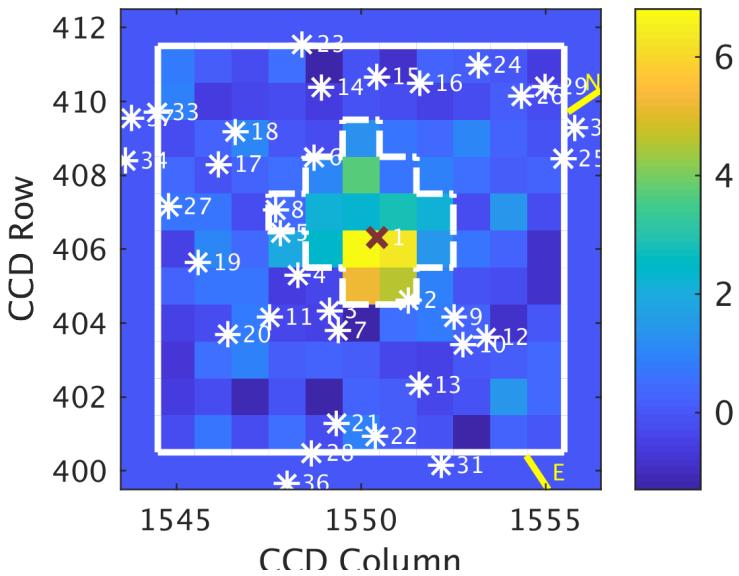


**In Transit Flux (e-/cadence)  $\times 10^5$**



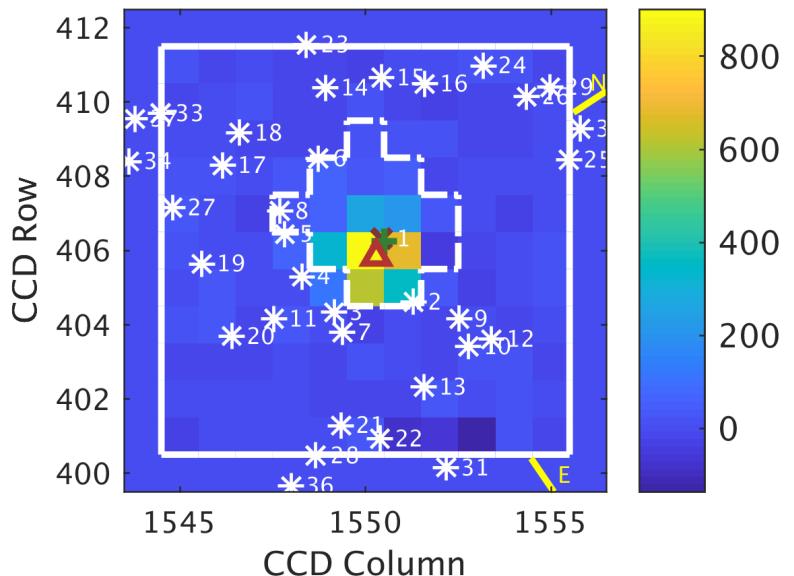
**Difference SNR**



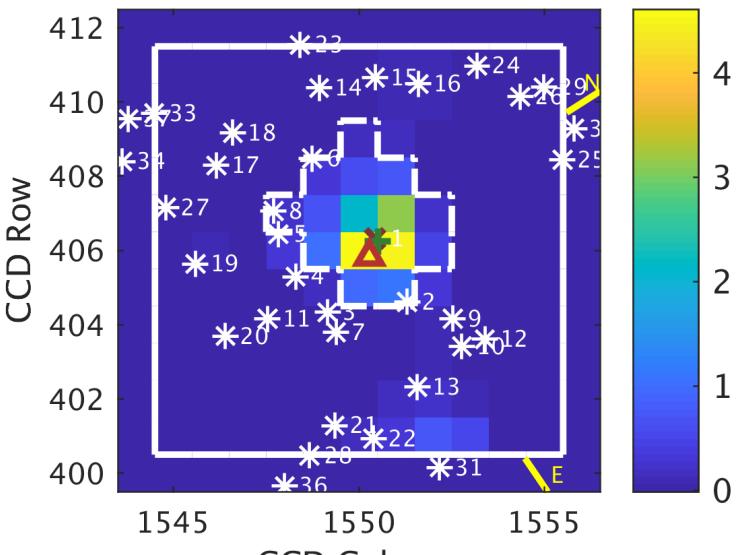
**Planet Candidate 2 / Sector 5 / Target Pixel Table 136****Difference Flux (e-/cadence)****Out of Transit Flux (e-/cadence)  $\times 10^5$** **In Transit Flux (e-/cadence)  $\times 10^5$** **Difference SNR**

### Planet Candidate 3 / Sector 5 / Target Pixel Table 136

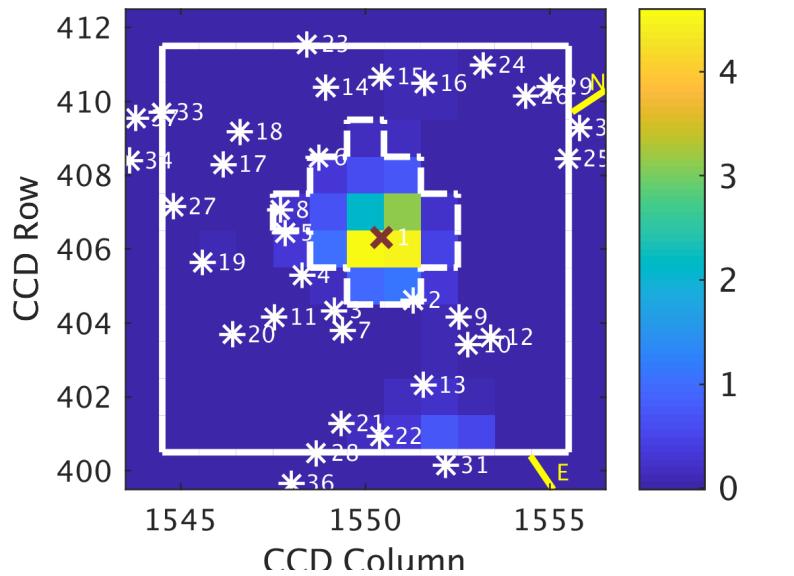
**Difference Flux (e-/cadence)**



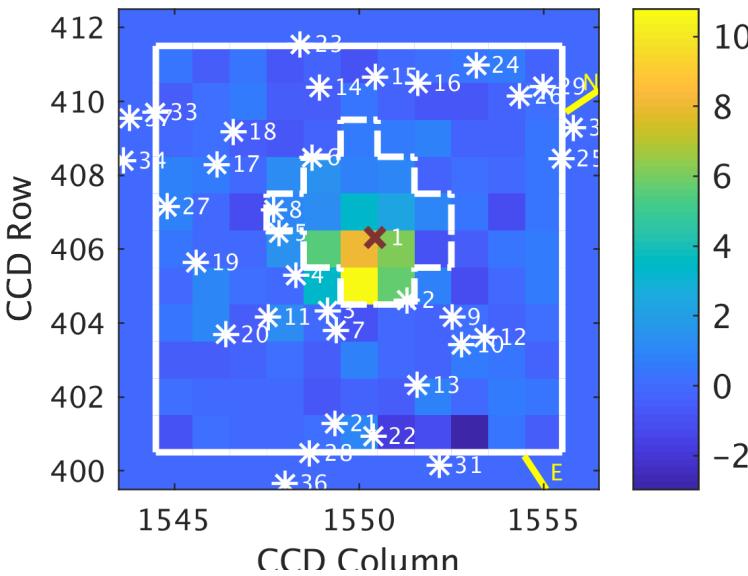
**Out of Transit Flux (e-/cadence)  $\times 10^5$**

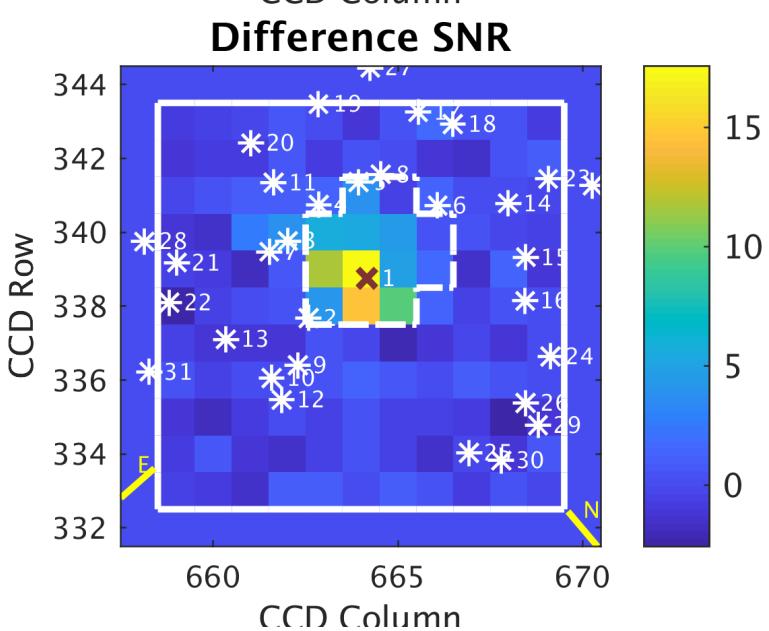
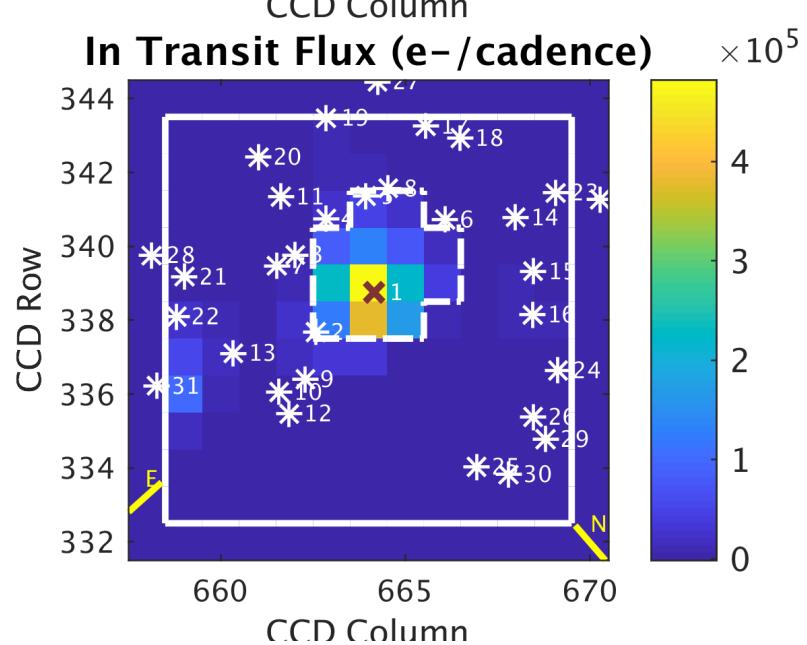
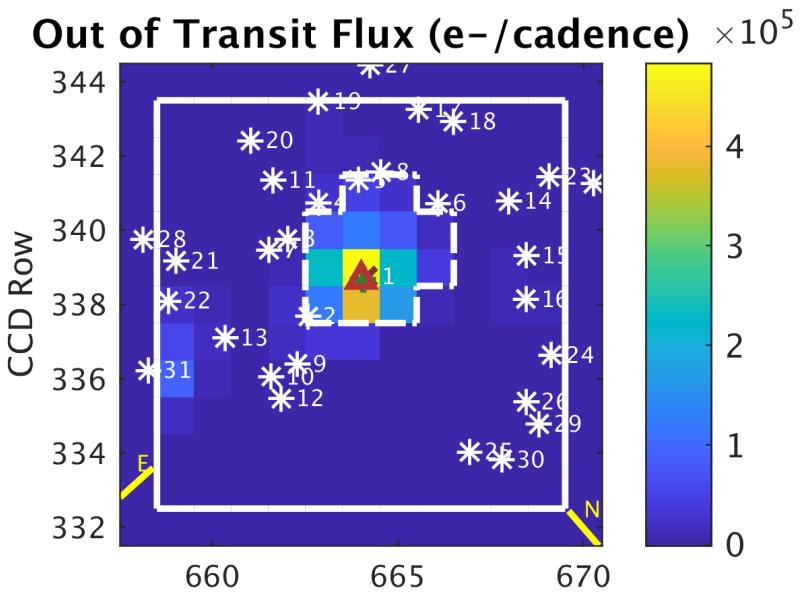
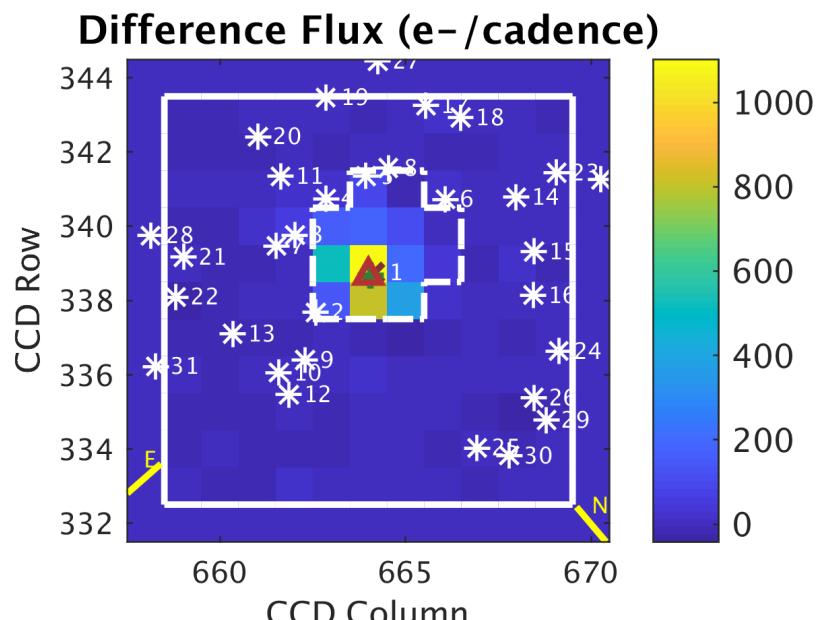


**In Transit Flux (e-/cadence)  $\times 10^5$**



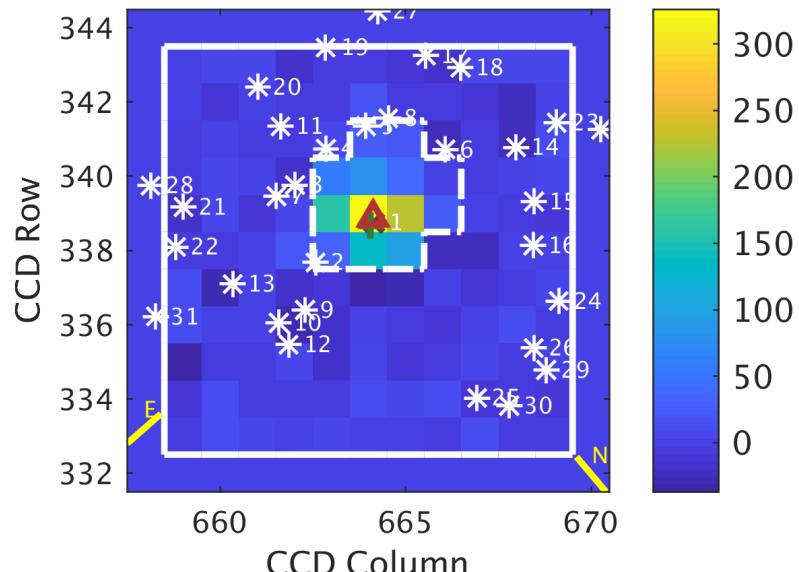
**Difference SNR**



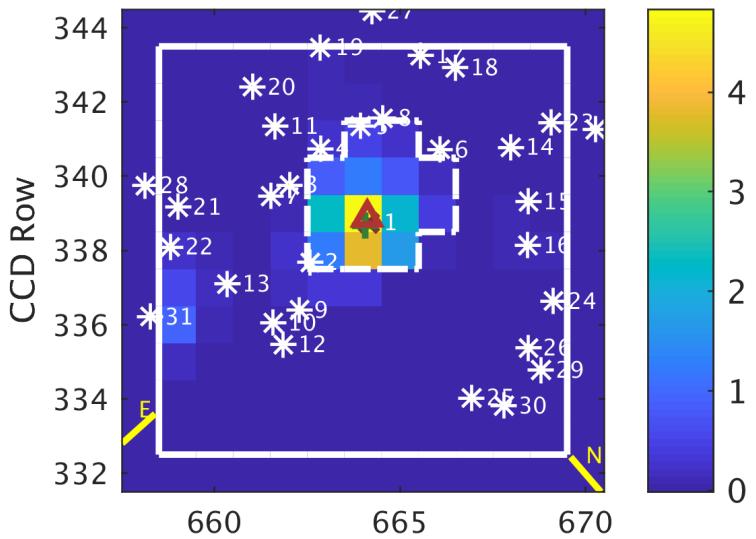
**Planet Candidate 1 / Sector 2 / Target Pixel Table 129**

### Planet Candidate 2 / Sector 2 / Target Pixel Table 129

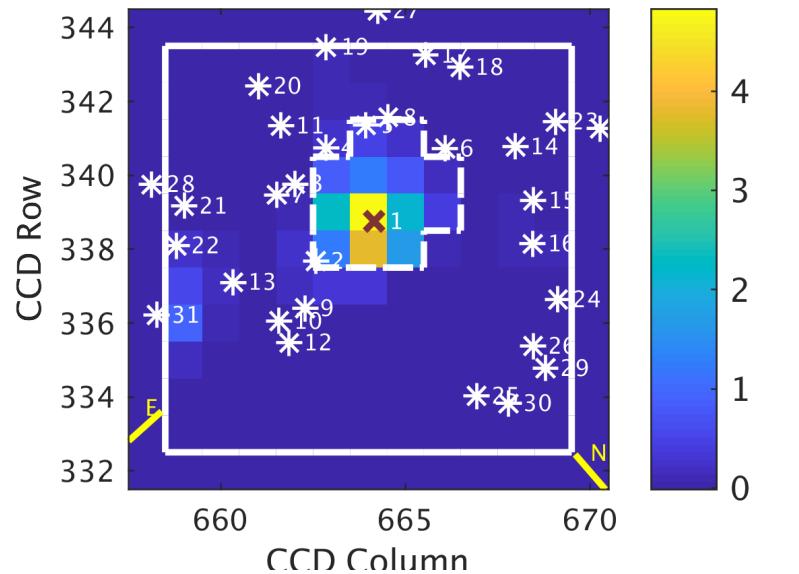
**Difference Flux (e-/cadence)**



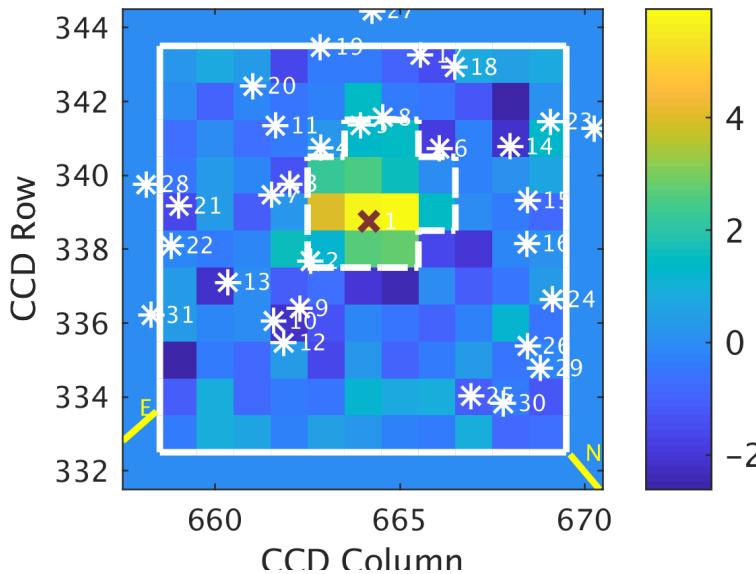
**Out of Transit Flux (e-/cadence)  $\times 10^5$**



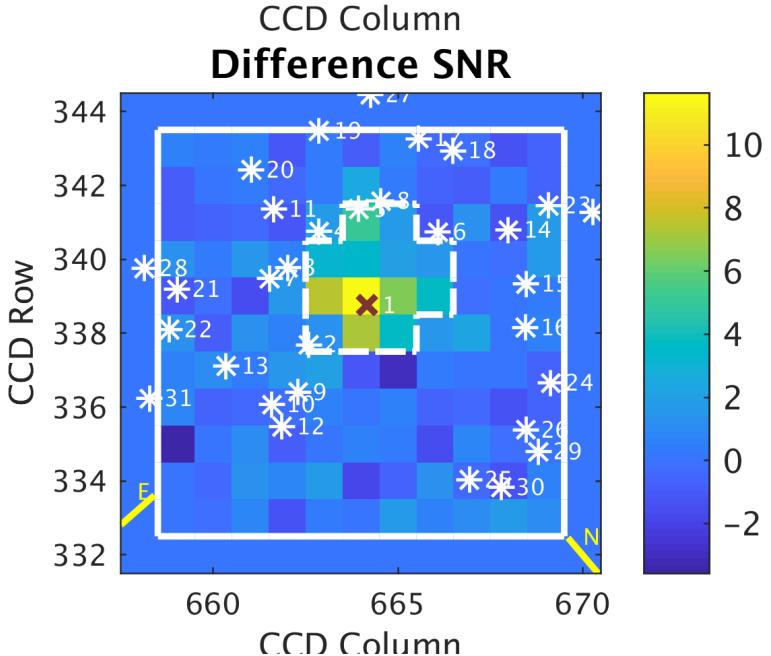
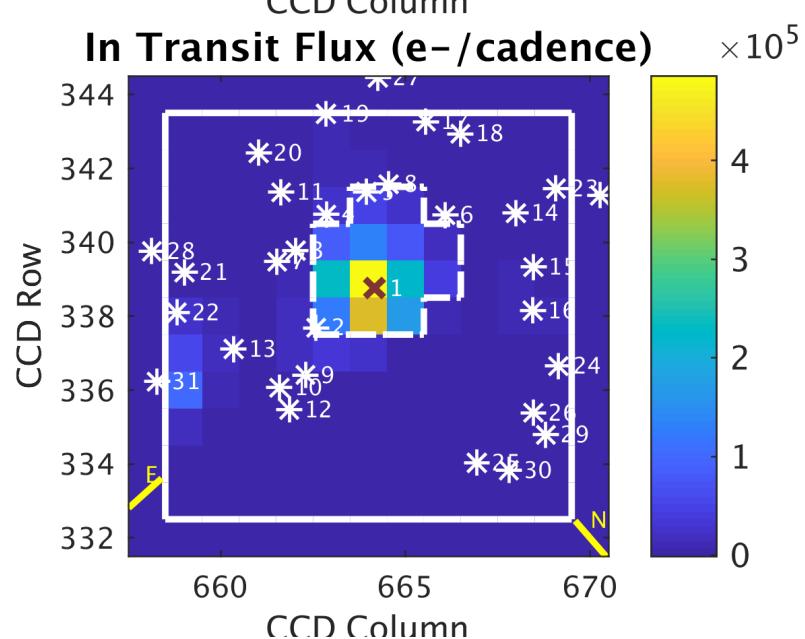
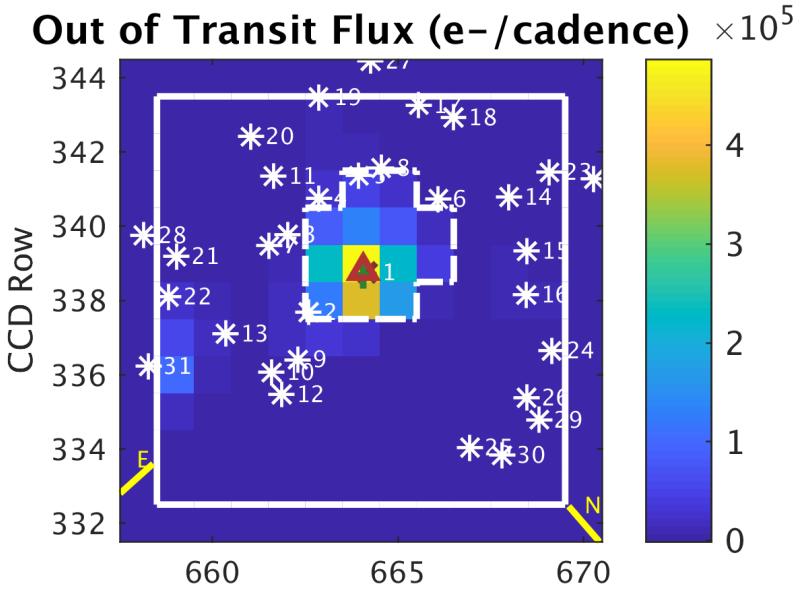
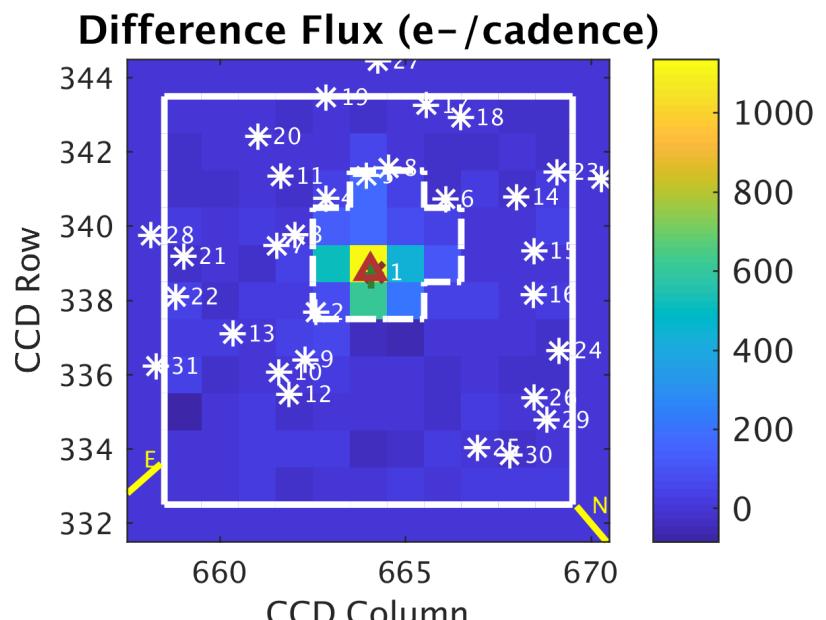
**In Transit Flux (e-/cadence)  $\times 10^5$**

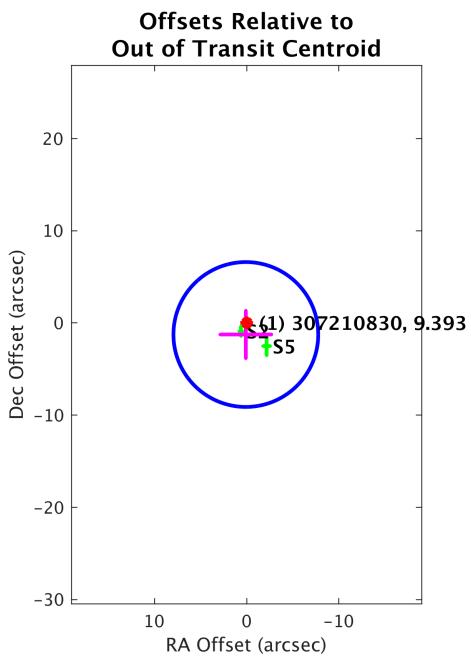


**Difference SNR**

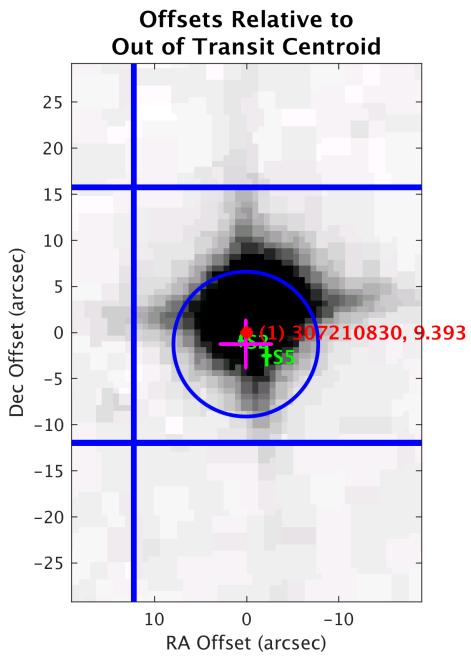
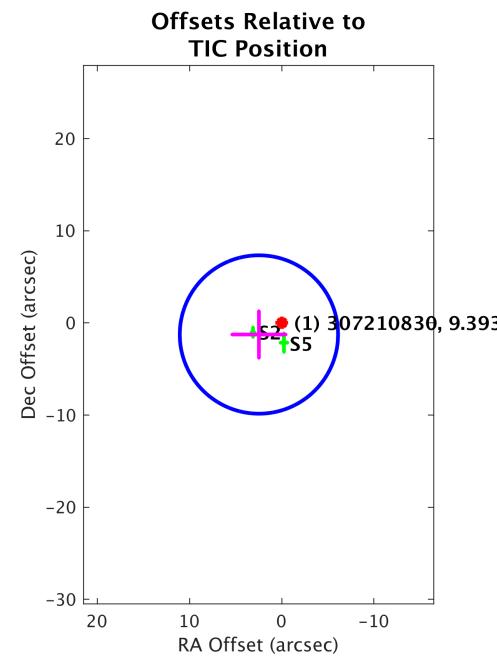


### Planet Candidate 3 / Sector 2 / Target Pixel Table 129

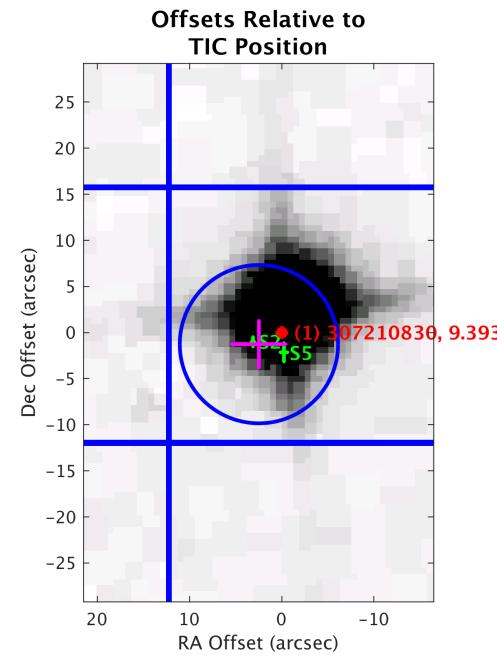


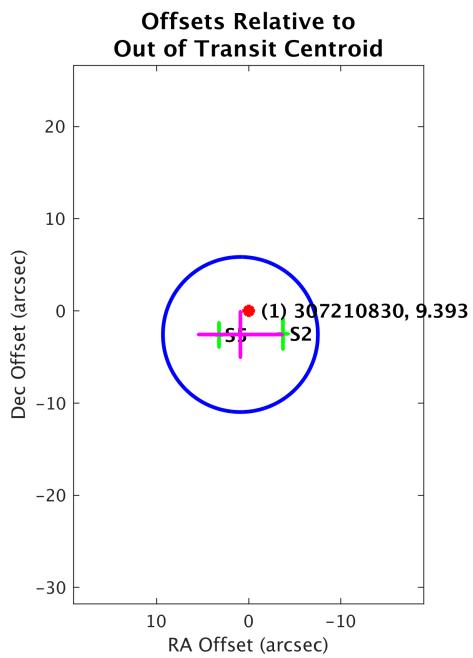


Planet Candidate 1

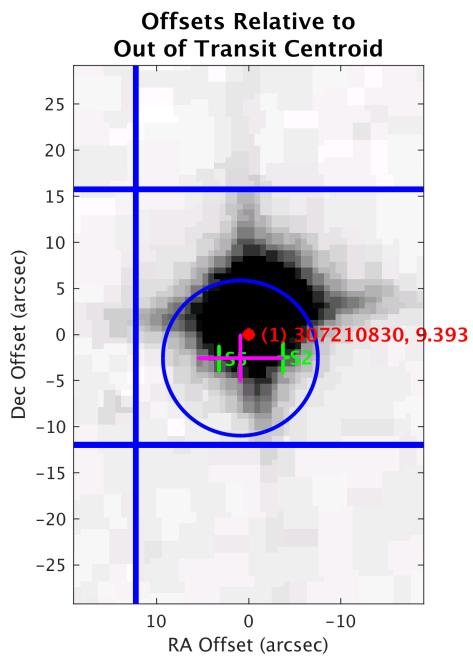
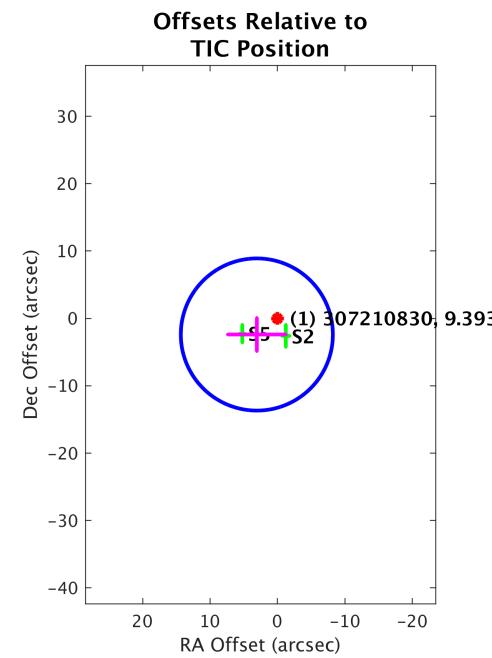


Planet Candidate 1

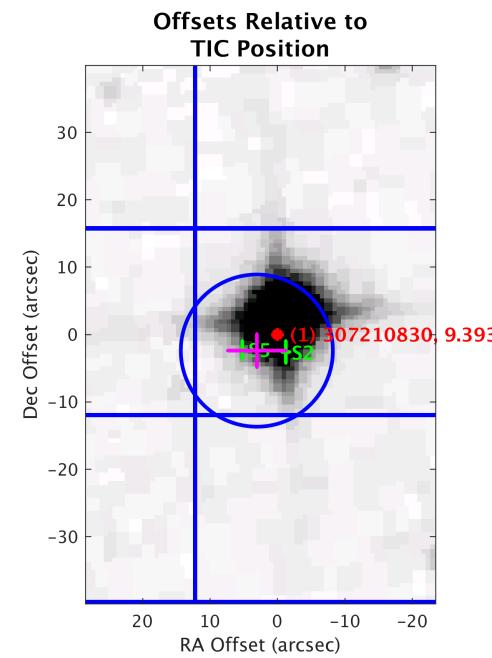


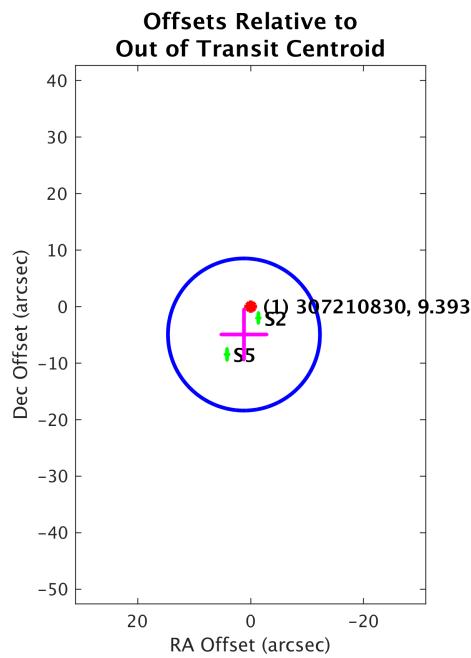


Planet Candidate 2

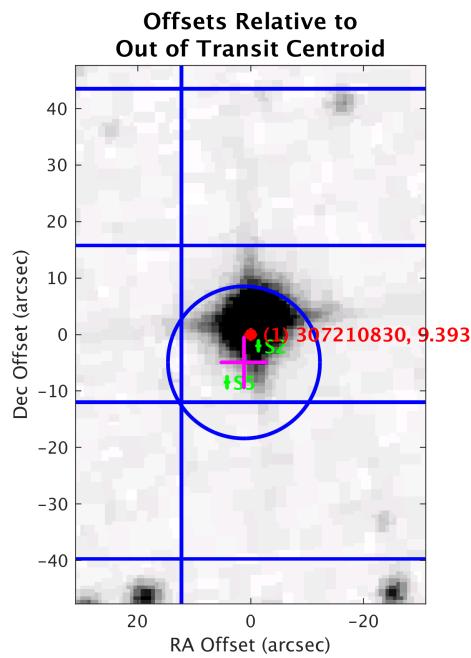
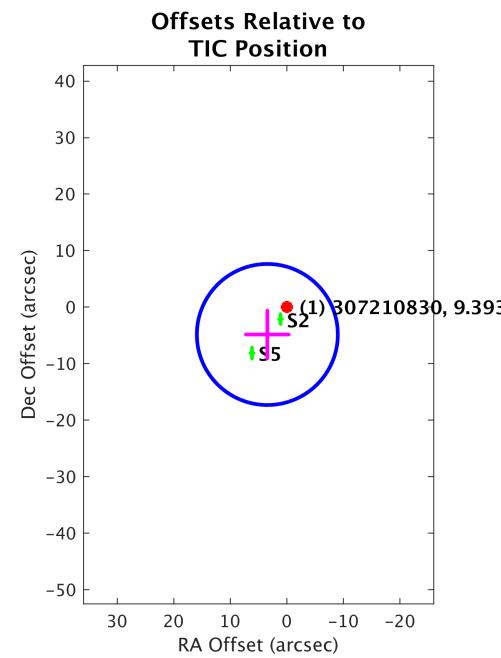


Planet Candidate 2

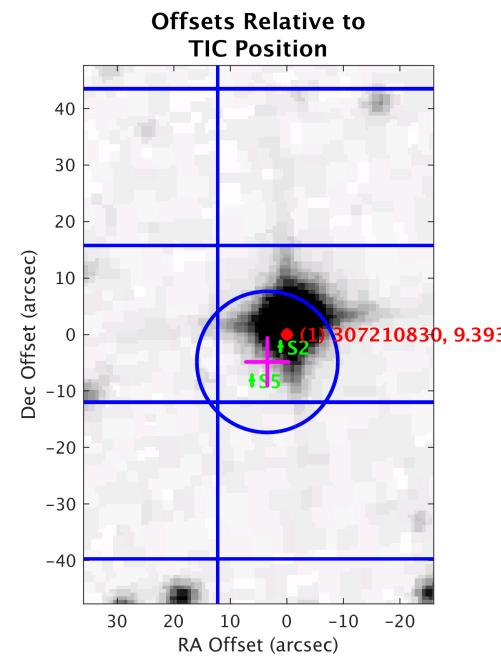


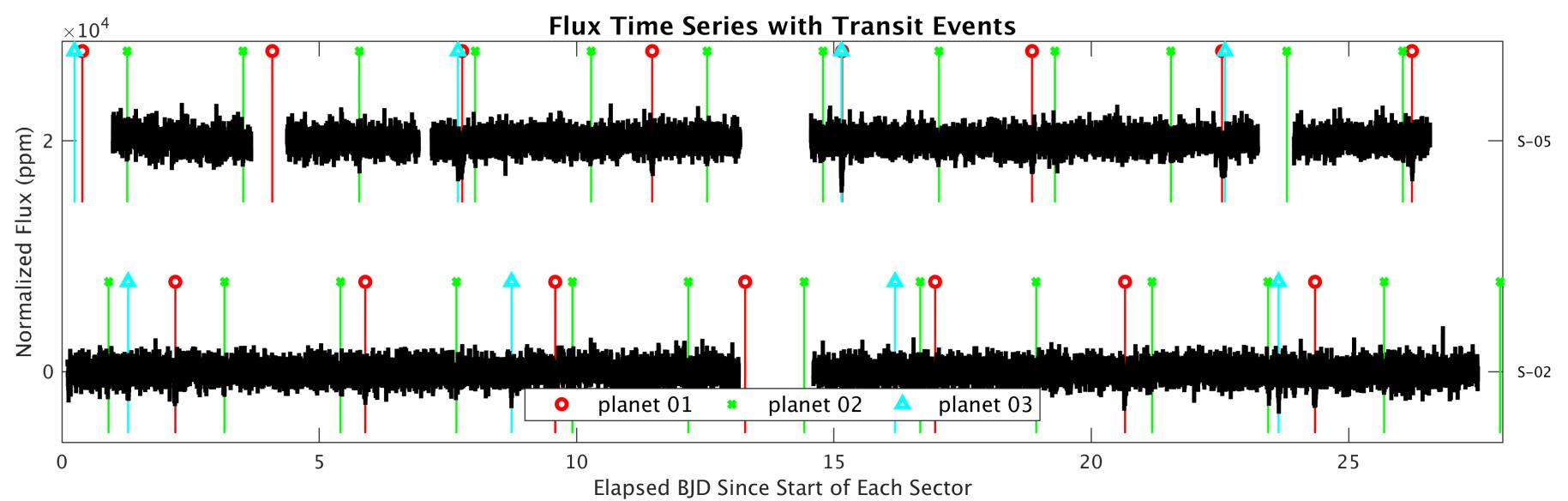
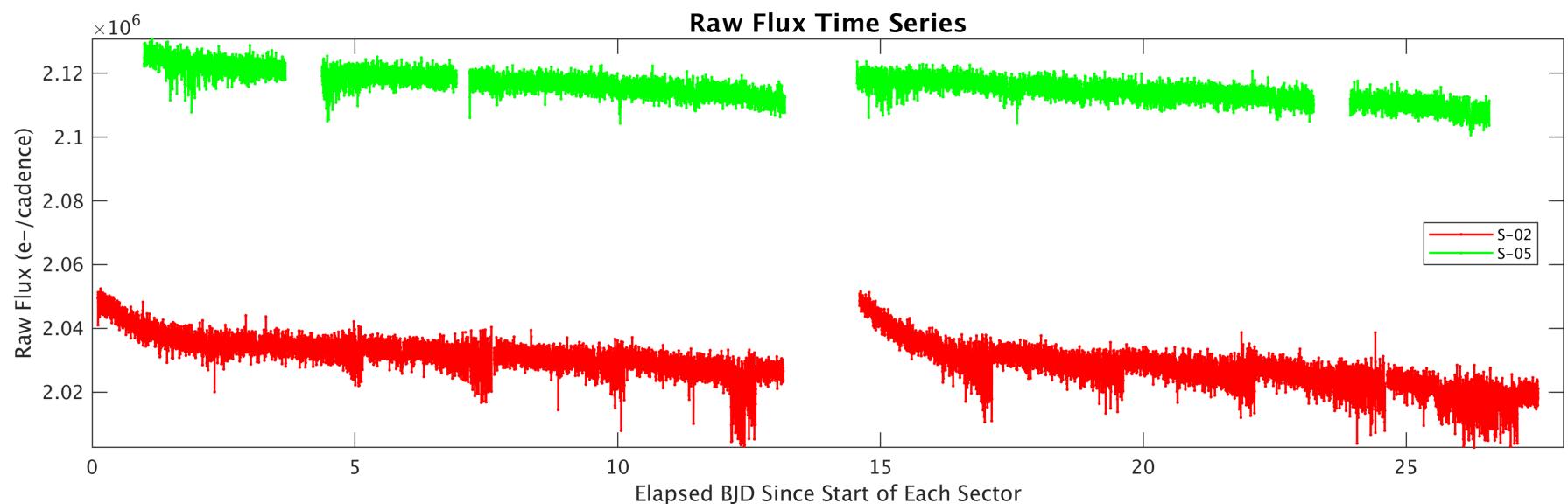


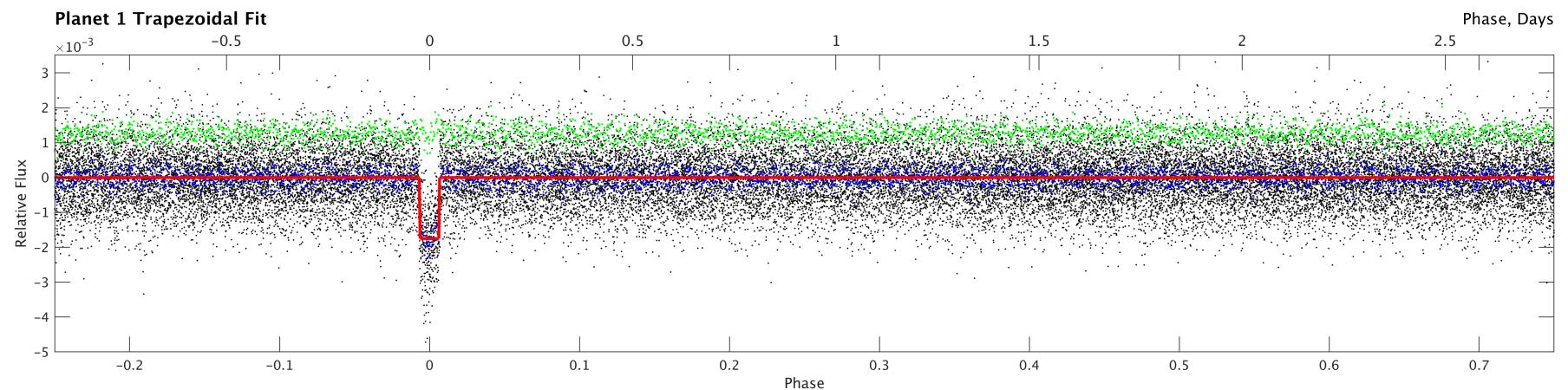
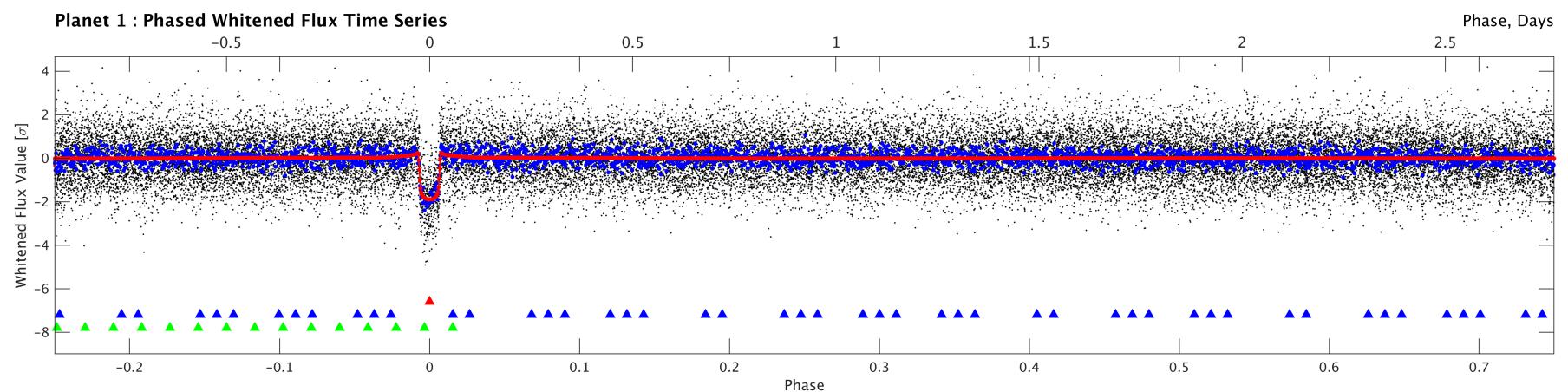
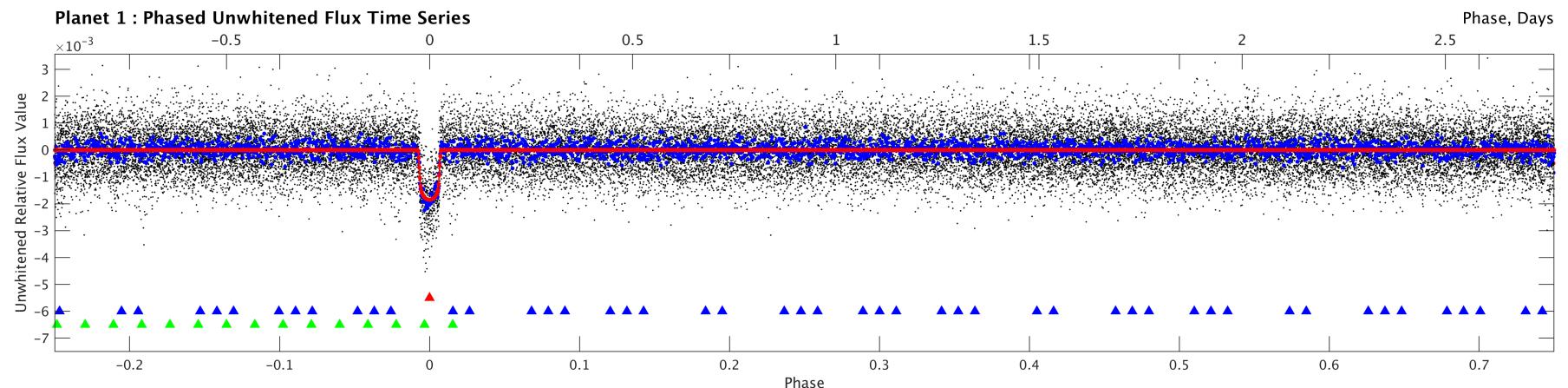
Planet Candidate 3

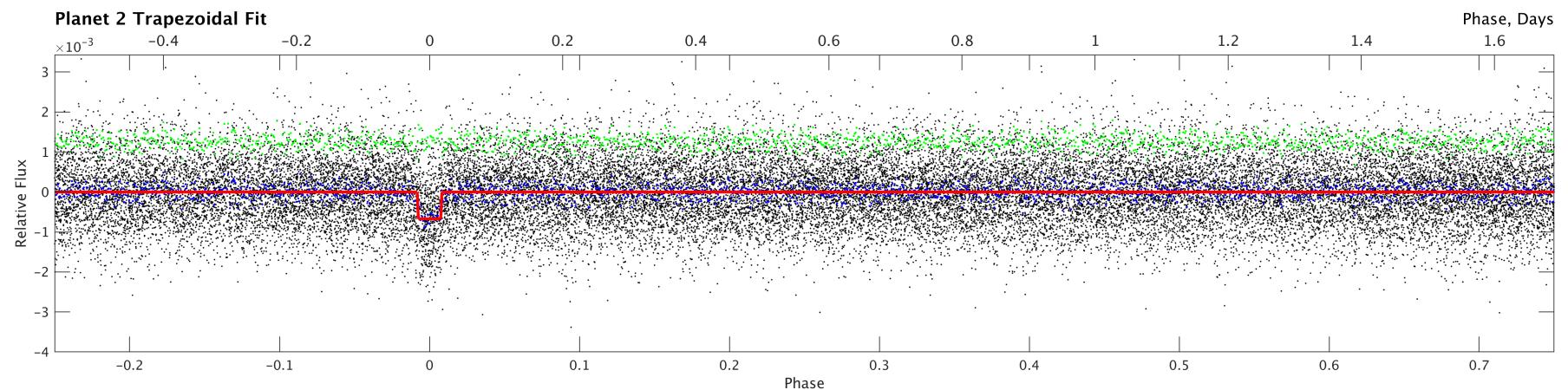
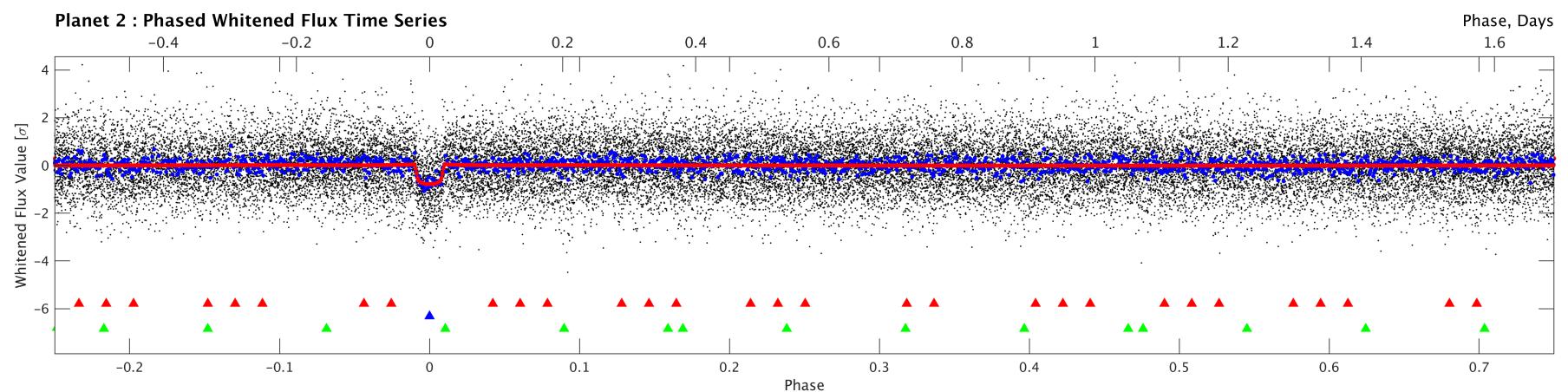
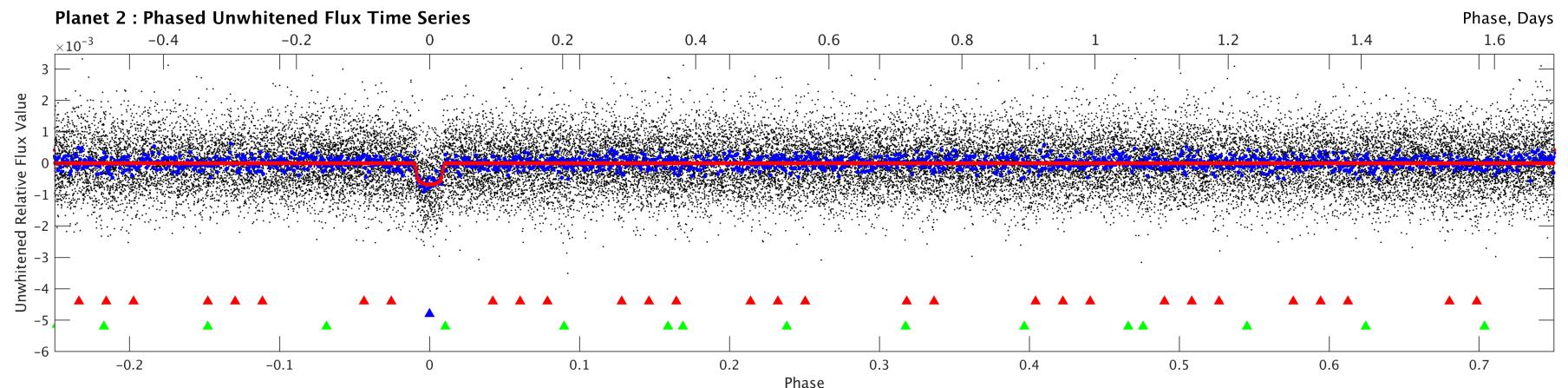


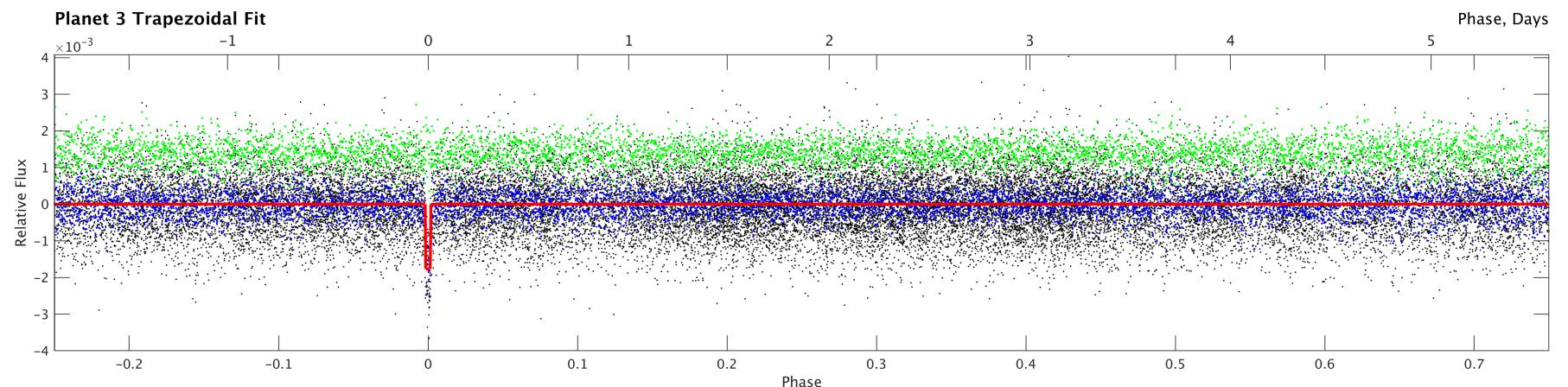
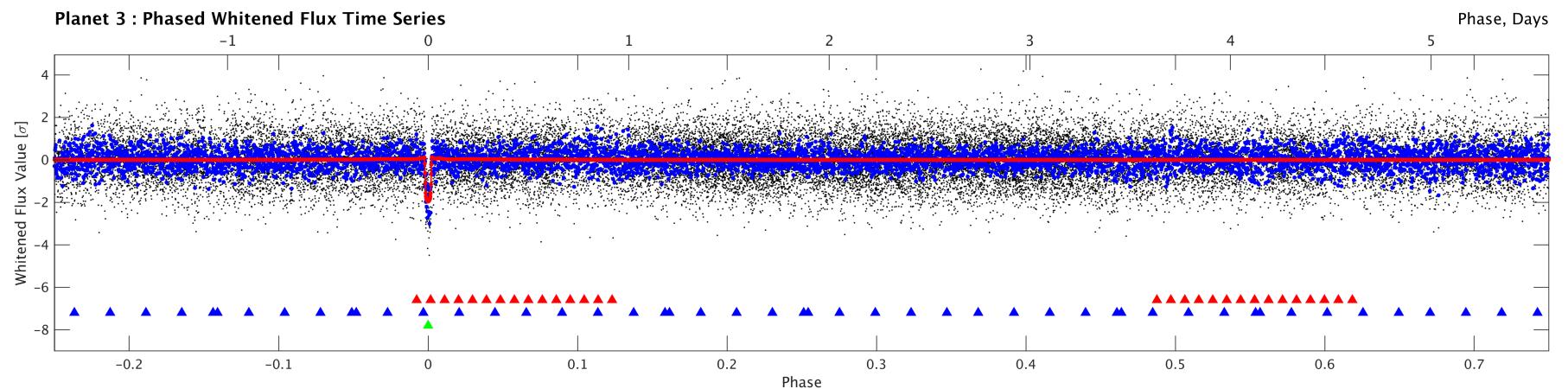
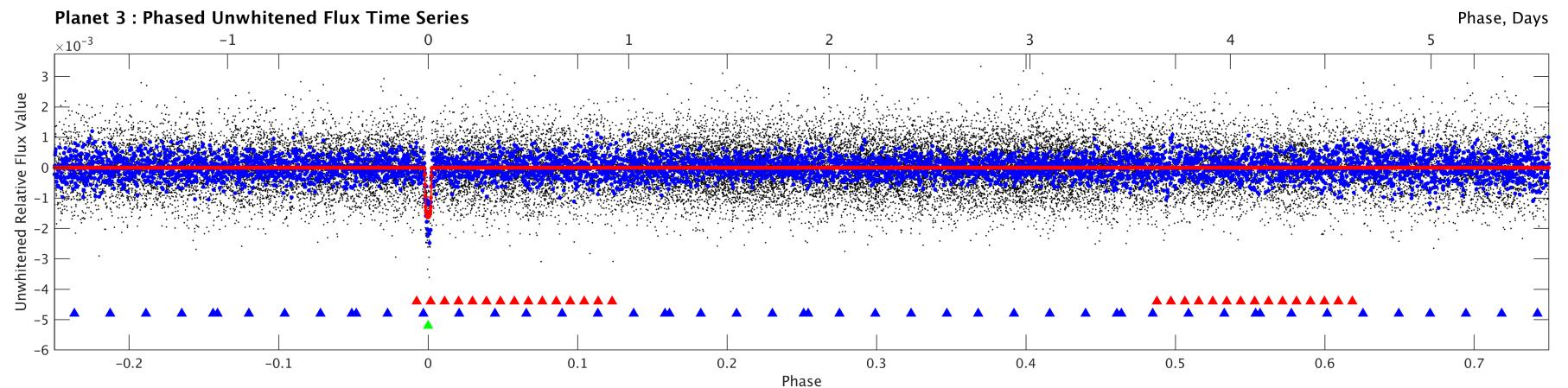
Planet Candidate 3





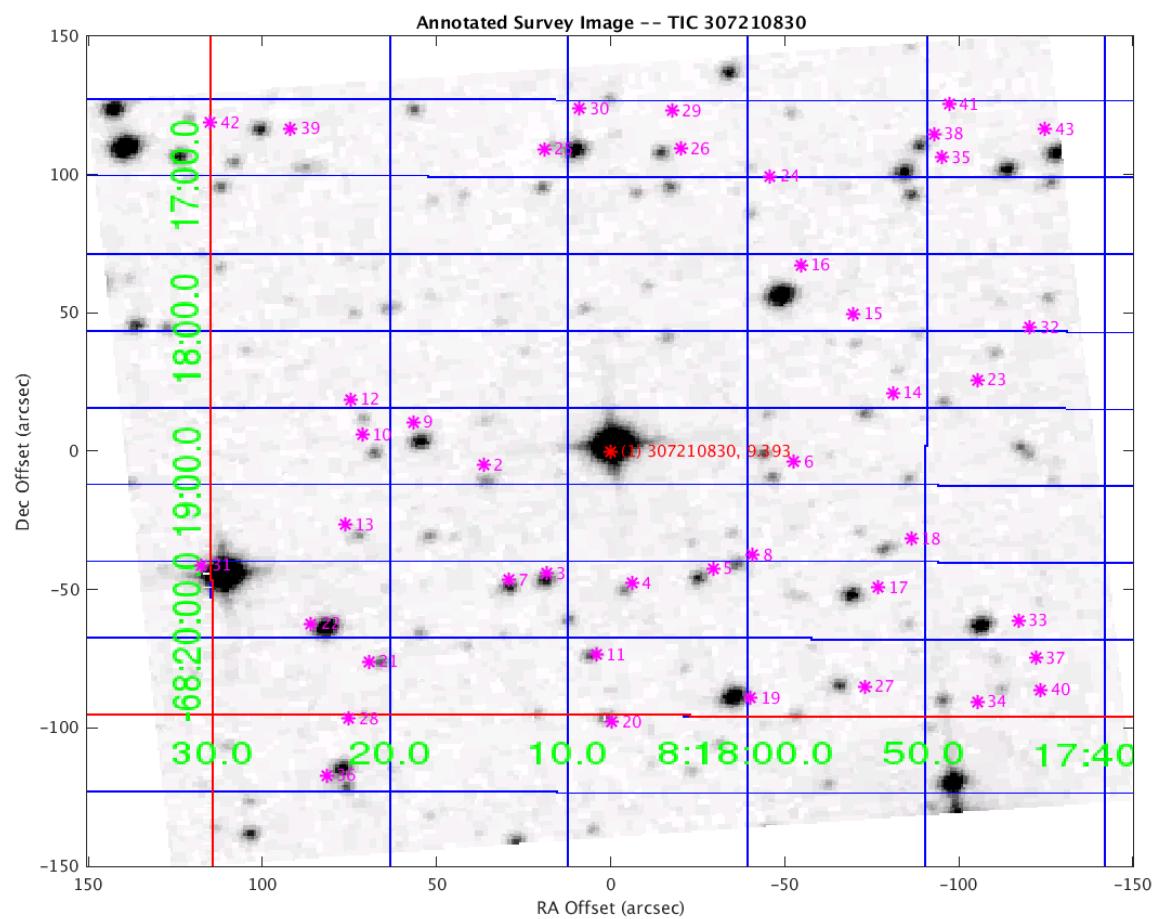






## Stellar Distance Table

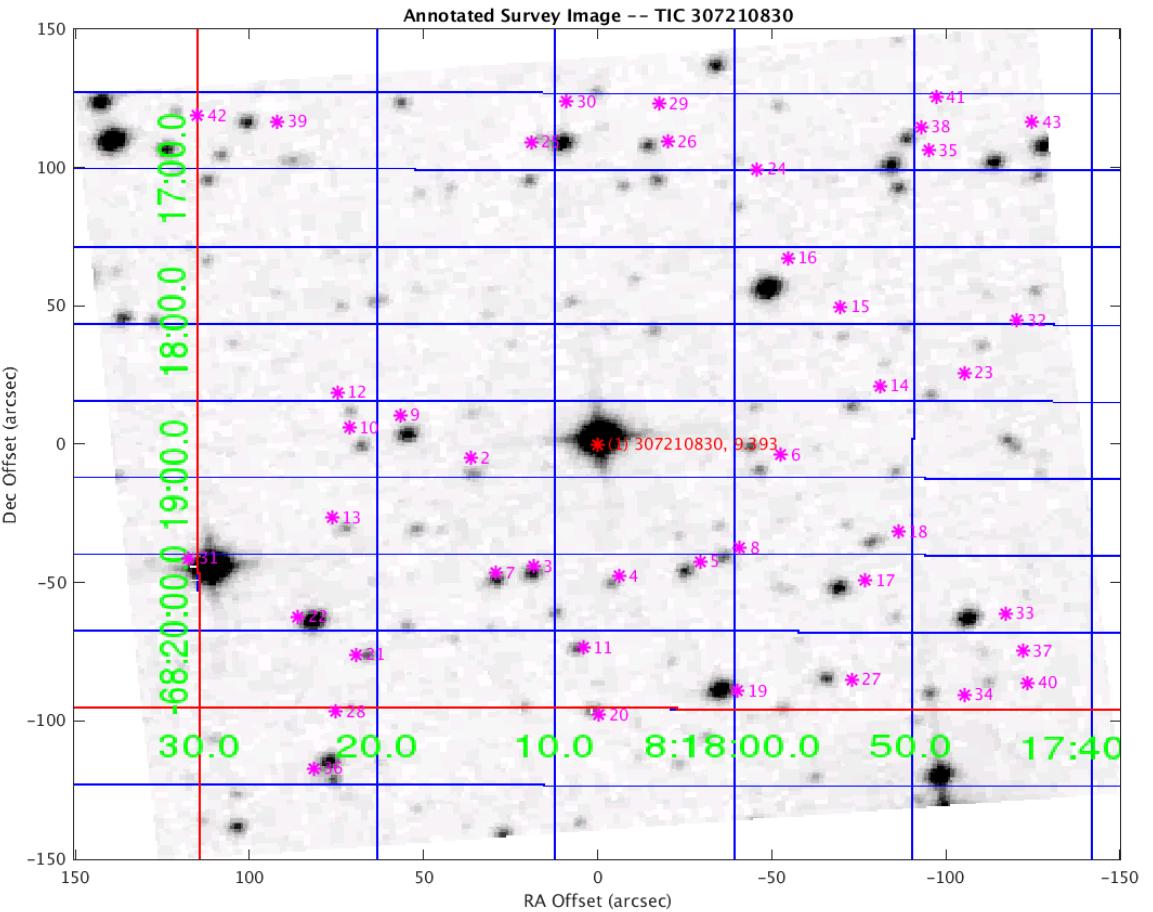
| Index | TIC ID           | TESS Mag | Distance (arcsec) |
|-------|------------------|----------|-------------------|
| 1     | 0000000307210830 | 9.39     | 0.00              |
| 2     | 0000000307210836 | 17.61    | 36.76             |
| 3     | 0000000307210845 | 16.04    | 47.89             |
| 4     | 0000000307210847 | 17.37    | 48.12             |
| 5     | 0000000307210844 | 16.93    | 51.65             |
| 6     | 0000000307210835 | 17.59    | 52.80             |
| 7     | 0000000307210846 | 16.65    | 55.00             |
| 8     | 0000000307210842 | 16.73    | 55.43             |
| 9     | 0000000307210828 | 15.09    | 57.61             |
| 10    | 0000000307210831 | 17.41    | 71.49             |
| 11    | 0000000307210850 | 16.88    | 73.56             |
| 12    | 0000000307210827 | 17.52    | 77.00             |
| 13    | 0000000307210839 | 17.45    | 80.68             |
| 14    | 0000000307210826 | 17.46    | 83.80             |
| 15    | 0000000307210821 | 18.66    | 85.61             |
| 16    | 0000000307210817 | 13.45    | 86.68             |
| 17    | 0000000307210848 | 15.91    | 91.33             |
| 18    | 0000000307210841 | 17.37    | 91.96             |
| 19    | 0000000307210858 | 14.12    | 97.75             |
| 20    | 0000000307210862 | 17.30    | 97.80             |
| 21    | 0000000307210852 | 17.43    | 102.91            |
| 22    | 0000000307217499 | 14.42    | 106.29            |
| 23    | 0000000307210825 | 17.85    | 108.36            |
| 24    | 0000000307210810 | 17.72    | 109.36            |
| 25    | 0000000307210806 | 16.78    | 110.68            |
| 26    | 0000000307210805 | 17.42    | 111.18            |
| 27    | 0000000307210855 | 17.00    | 112.01            |
| 28    | 0000000307210861 | 18.14    | 122.41            |
| 29    | 0000000307210798 | 16.90    | 124.18            |
| 30    | 0000000307210796 | 14.83    | 124.18            |
| 31    | 0000000307217504 | 10.73    | 124.42            |
| 32    | 0000000307210823 | 17.49    | 128.44            |
| 33    | 0000000307210849 | 14.94    | 132.19            |
| 34    | 0000000307210859 | 17.07    | 138.86            |
| 35    | 0000000307210807 | 16.89    | 142.48            |
| 36    | 0000000307217485 | 15.61    | 142.71            |
| 37    | 0000000307210851 | 16.56    | 143.04            |
| 38    | 0000000307210803 | 15.75    | 147.50            |
| 39    | 0000000307210802 | 17.81    | 148.48            |
| 40    | 0000000307210856 | 17.81    | 150.66            |



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    | 0000000307210793 | 16.83    | 158.67            |
| 42    | 0000000307217543 | 17.66    | 165.23            |
| 43    | 0000000307210801 | 15.66    | 170.62            |



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