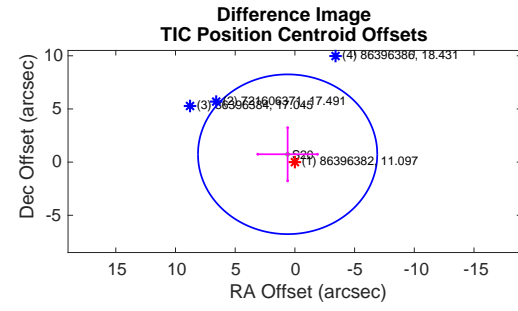
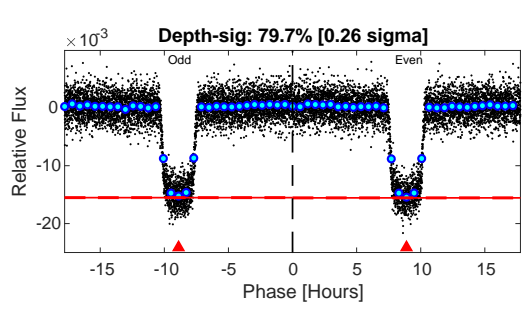
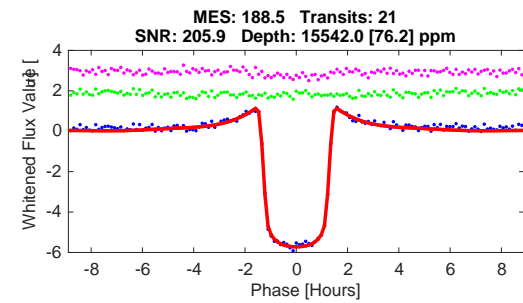
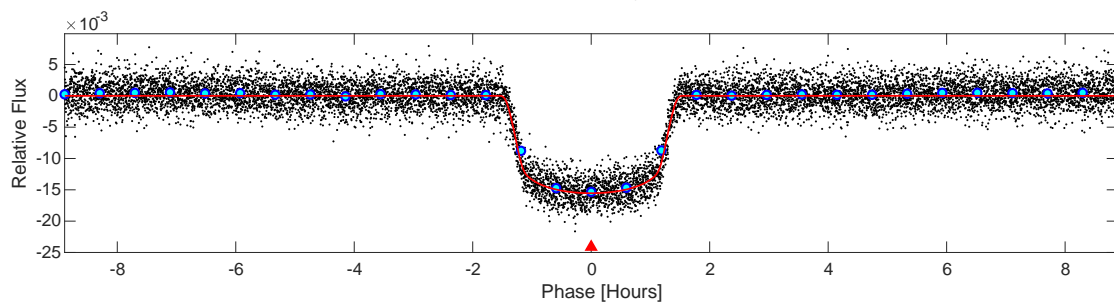
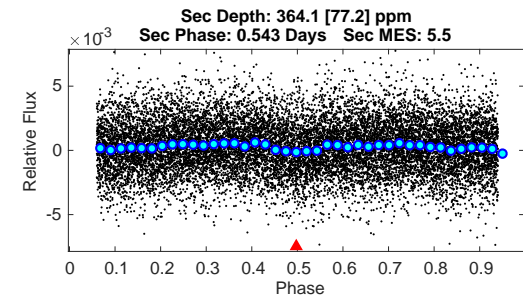
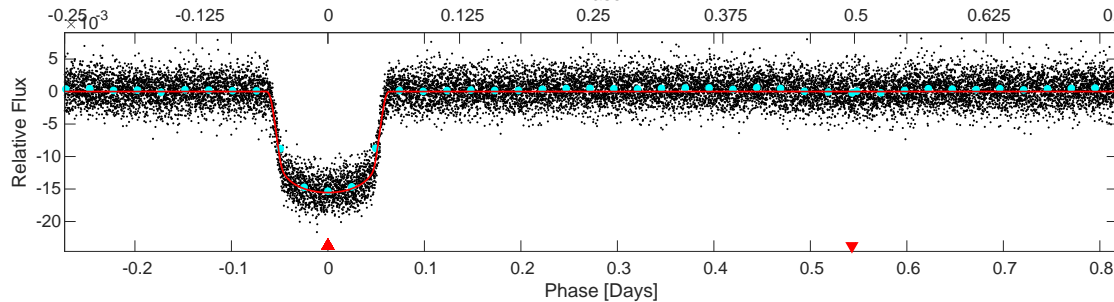
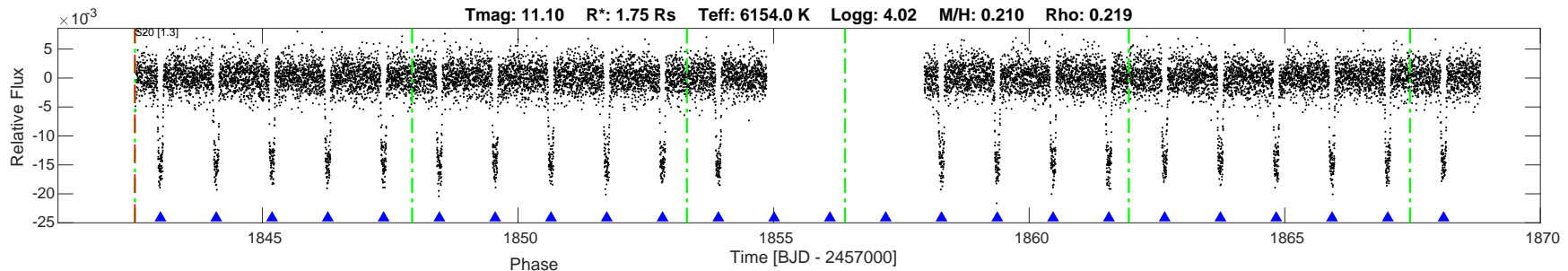


TIC: 86396382 Candidate: 1 of 1 Period: 1.091 d



DV Fit Results:

Period = 1.09141 [0.00002] d
Epoch = 1843.0052 [0.0002] BTJD
Rp/R* = 0.1167 [0.0006]
a/R* = 3.14 [0.06]
b = 0.25 [0.09]
Seff = 8220.79 [1187.62]
Teq = 2429 [88] K
Rp = 22.28 [1.04] Re
a = 0.0219 [0.0015] AU
Rho = 0.348 [0.022]
Ag = 0.19 [0.05] [-16.90 sigma]
Tp = 2489 [139] K [0.37 sigma]

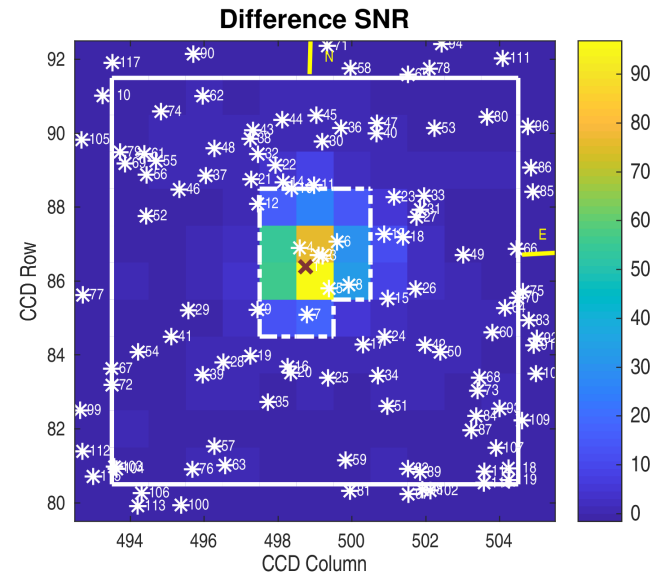
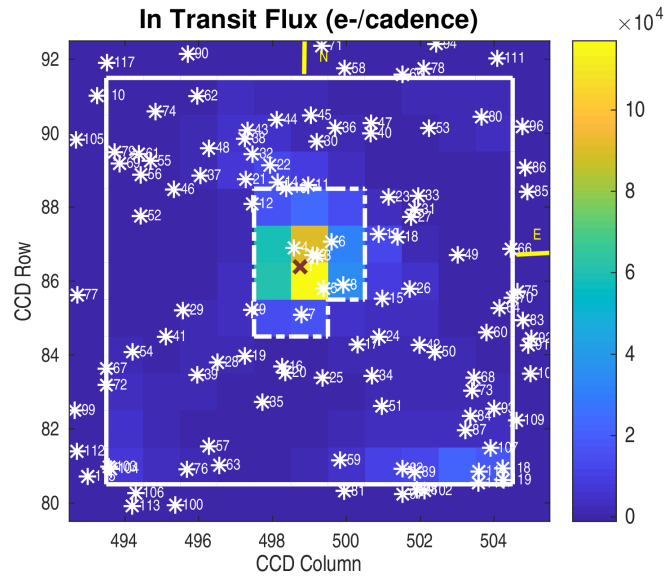
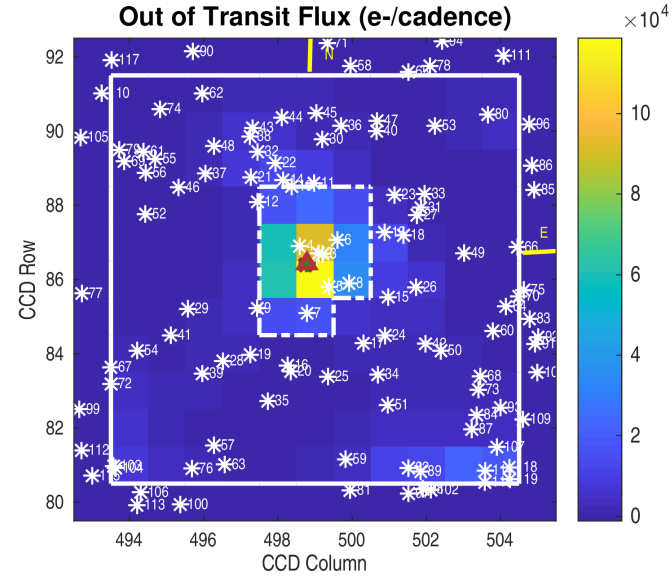
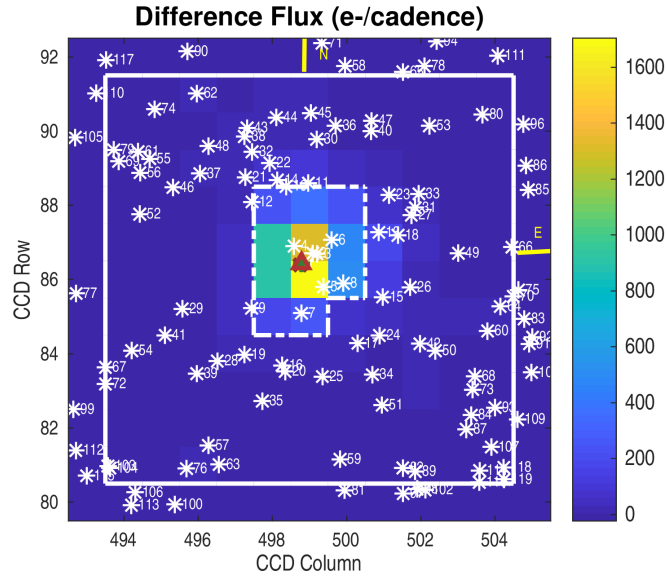
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: N/A
ModelChiSquare2-sig: 99.6%
ModelChiSquareGof-sig: 100.0%
Bootstrap-pfa: 0.00e+00
GhostDiagnostic-chr: 6.364
OotOffset-rm: 0.105 arcsec [0.04 sigma]
TicOffset-rm: 0.959 arcsec [0.38 sigma]
OotOffset-tot: 1
TicOffset-tot: 1
DiffImageQuality-fgm: 1.00 [1/1]
DiffImageOverlap-fno: 1.00 [1/1]

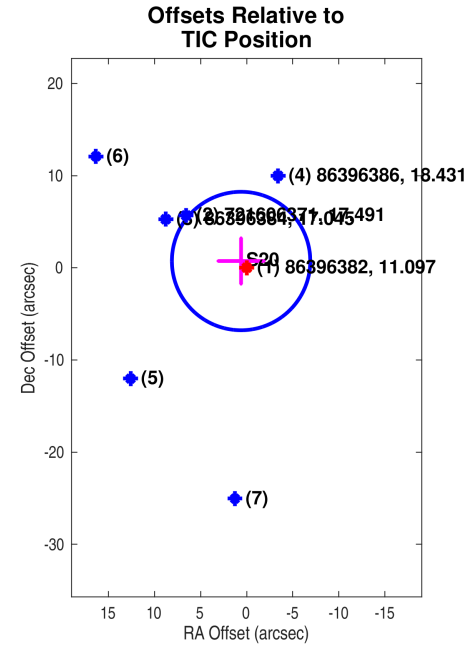
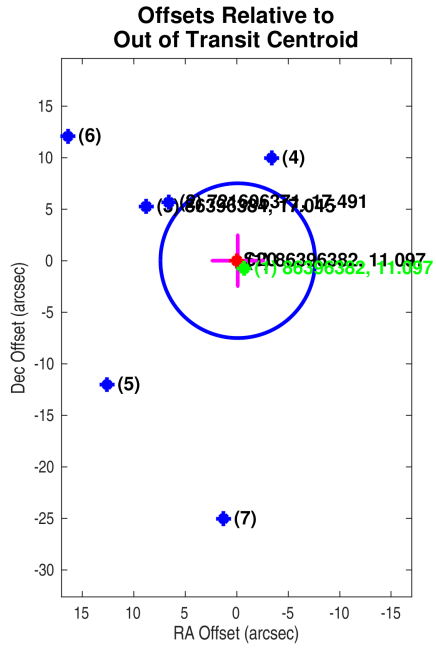
Software Revision: spoc-4.0.17-20200130 -- Date Generated: 02-Feb-2020 10:25:53 Z

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

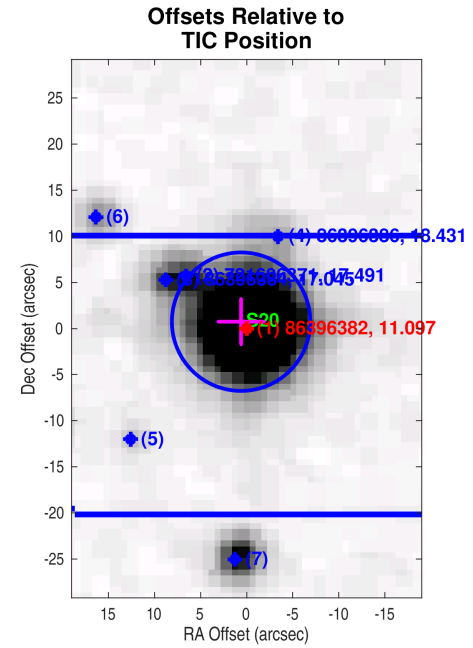
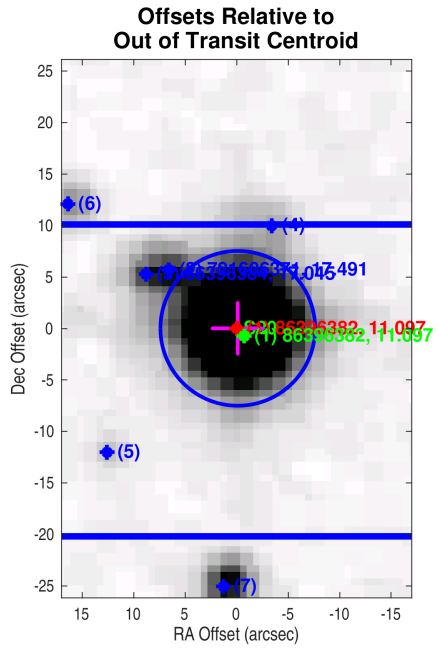
Planet Candidate 1 / Sector 20 / Target Pixel Table 191

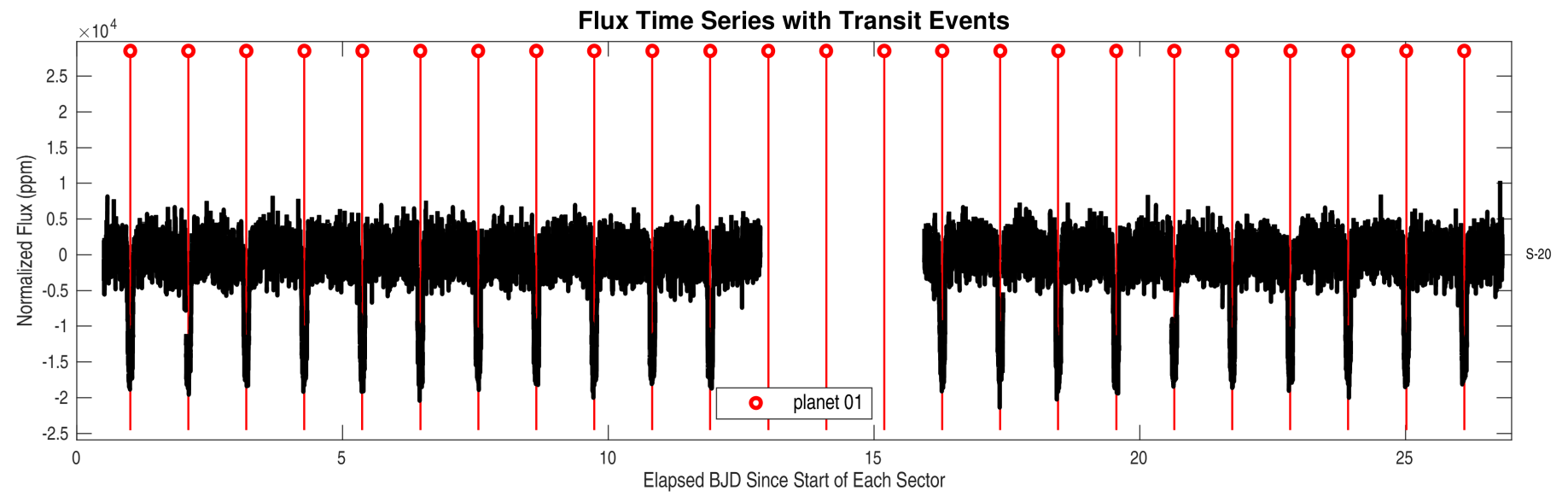
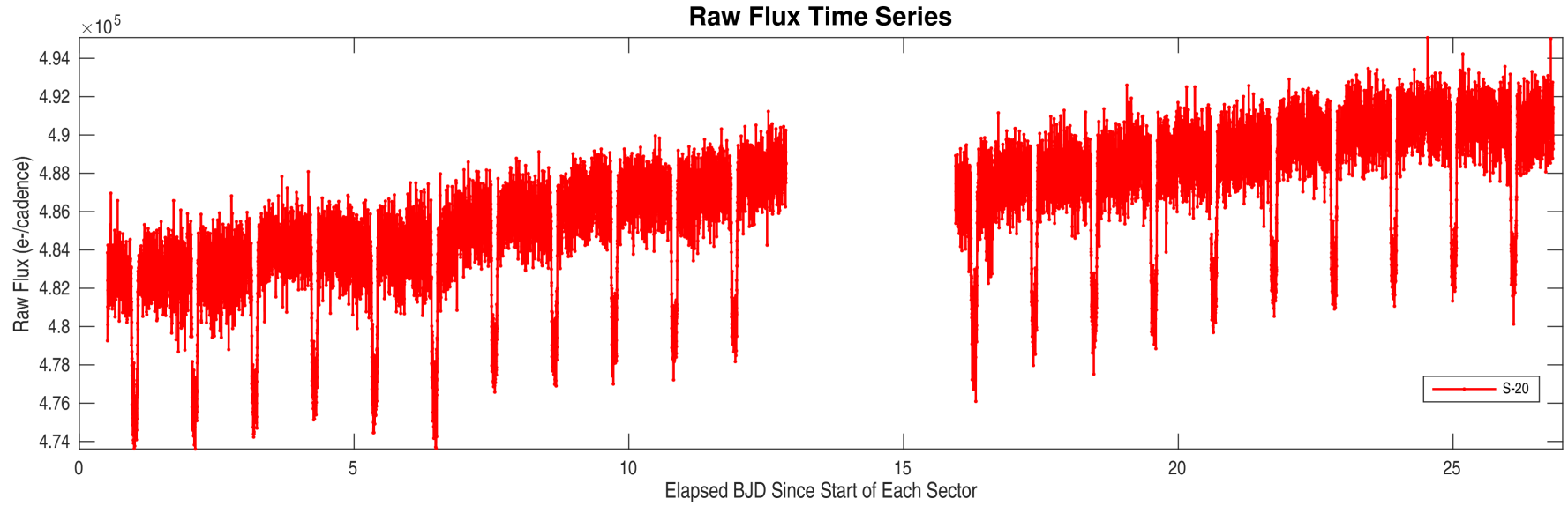


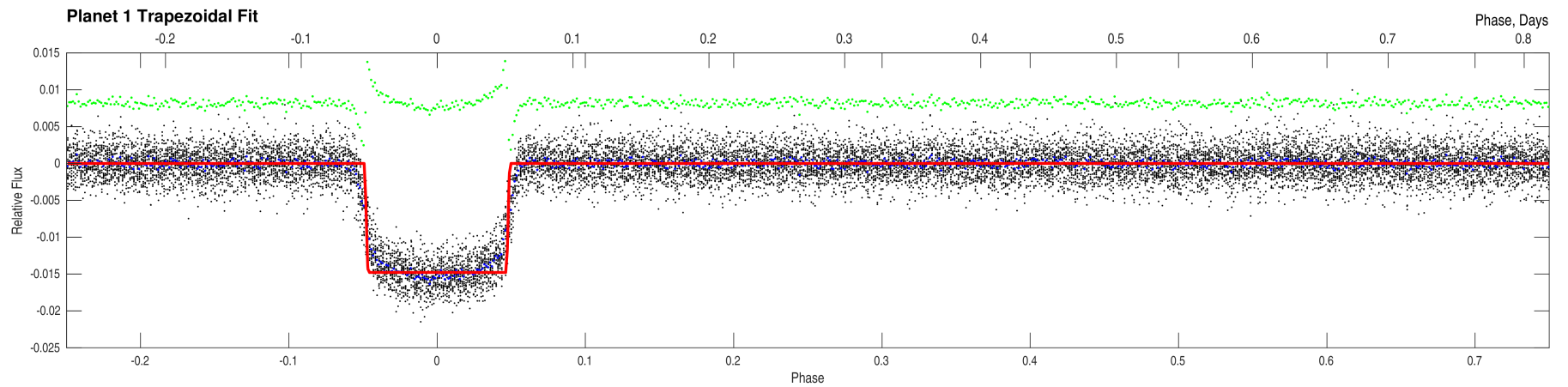
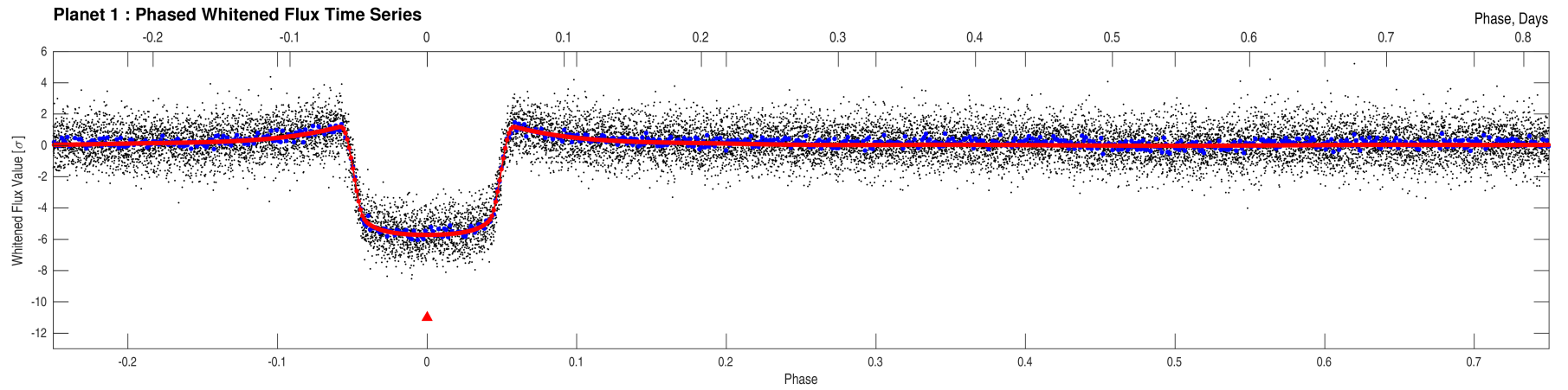
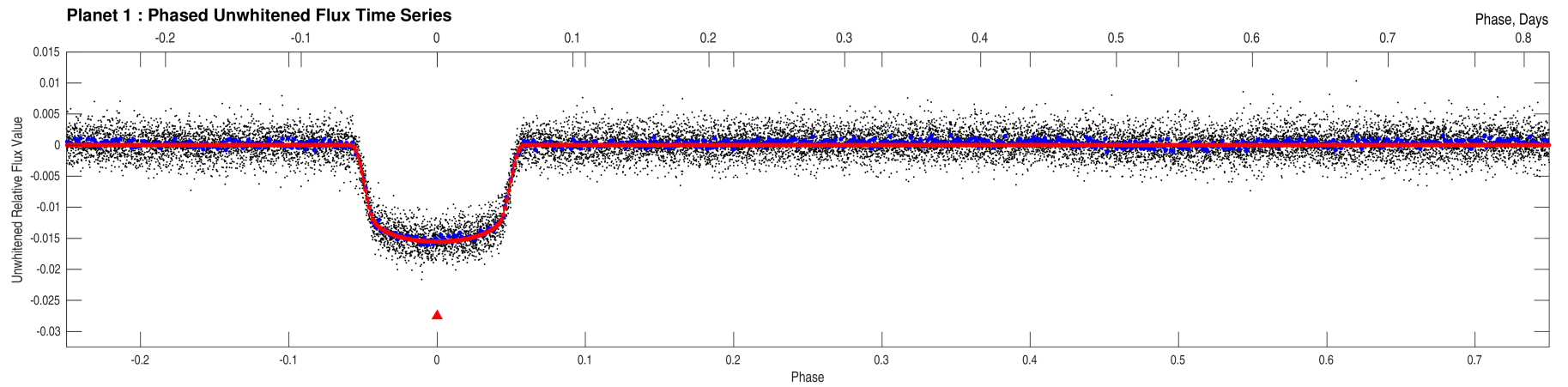
Planet Candidate 1



Planet Candidate 1

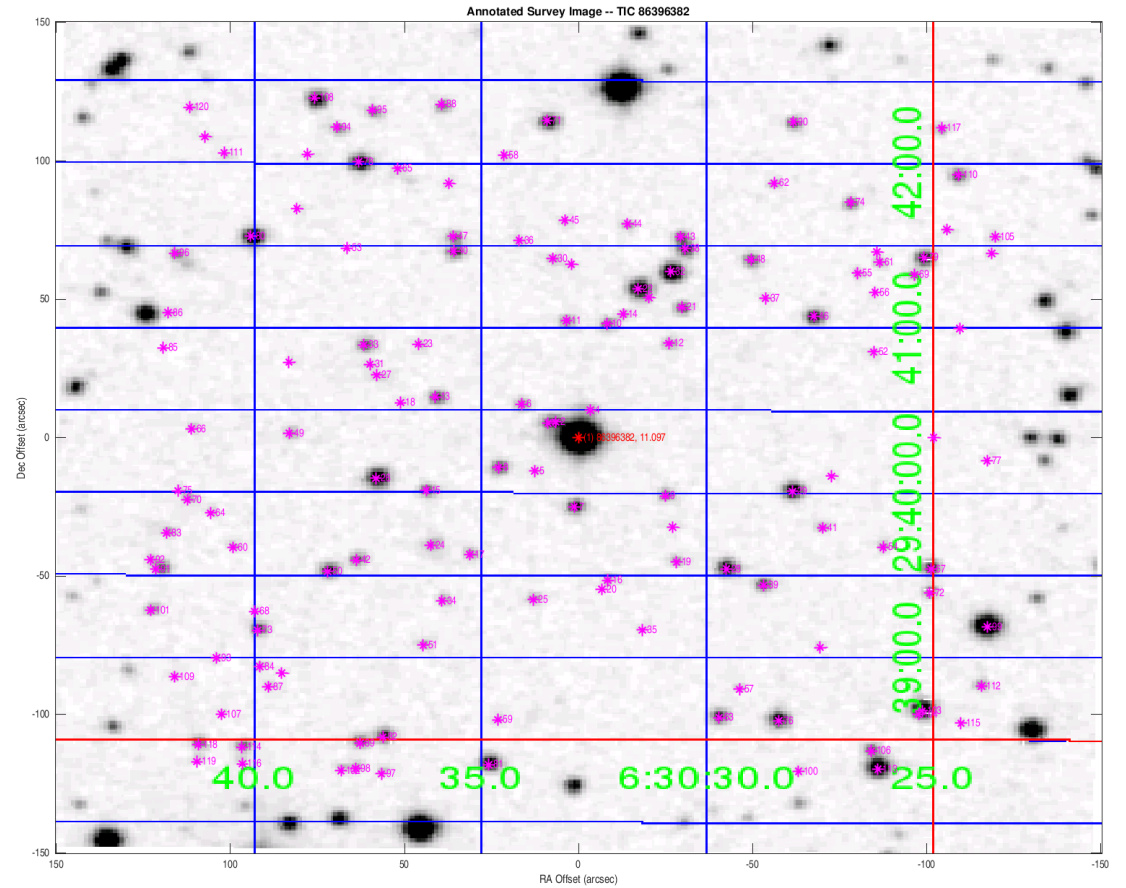






Stellar Distance Table

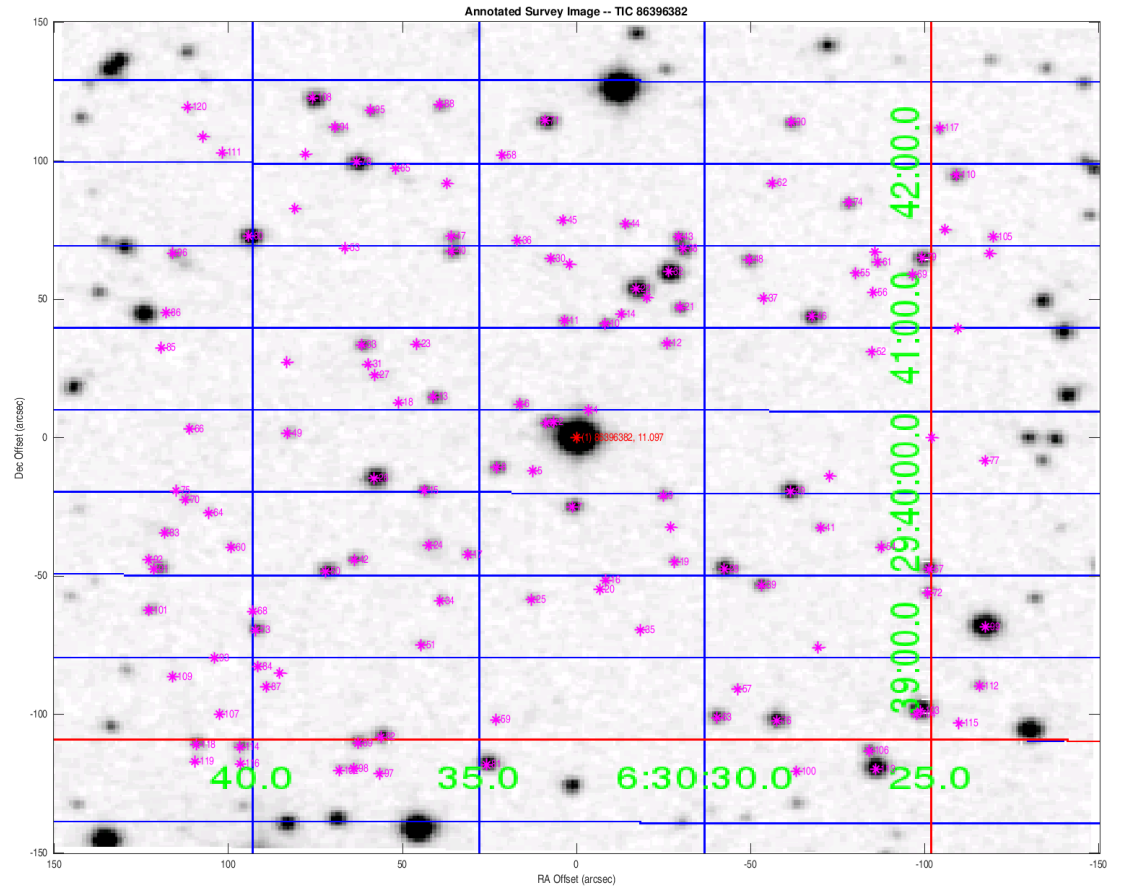
| Index | TIC ID | TESS Mag | Distance (arcsec) |
|-------|------------------|----------|-------------------|
| 1 | 000000086396382 | 11.10 | 0.00 |
| 2 | 0000000721606371 | 17.49 | 8.71 |
| 3 | 000000086396384 | 17.05 | 10.25 |
| 4 | 000000086396386 | 18.43 | 10.54 |
| 5 | 0000000721606363 | 19.01 | 17.40 |
| 6 | 0000000721606369 | 18.14 | 20.36 |
| 7 | 000000086396368 | 16.35 | 25.07 |
| 8 | 000000086396378 | 17.03 | 25.38 |
| 9 | 000000086396371 | 17.49 | 32.63 |
| 10 | 000000086396398 | 17.50 | 42.00 |
| 11 | 000000086396399 | 17.83 | 42.43 |
| 12 | 0000000721606388 | 18.11 | 42.88 |
| 13 | 000000086396390 | 16.98 | 43.65 |
| 14 | 0000000721606370 | 18.90 | 46.50 |
| 15 | 000000086396375 | 17.30 | 47.69 |
| 16 | 0000000721606329 | 18.61 | 52.22 |
| 17 | 0000000721606362 | 18.08 | 52.49 |
| 18 | 0000000721606367 | 19.60 | 52.67 |
| 19 | 0000000721606333 | 18.34 | 53.01 |
| 20 | 000000086396354 | 19.37 | 55.18 |
| 21 | 000000086396402 | 17.29 | 55.67 |
| 22 | 000000086396408 | 14.79 | 56.40 |
| 23 | 0000000721606365 | 18.79 | 57.10 |
| 24 | 000000086396363 | 17.80 | 57.55 |
| 25 | 0000000721606328 | 18.33 | 59.95 |
| 26 | 000000086396377 | 14.96 | 60.01 |
| 27 | 000000086396392 | 18.82 | 62.24 |
| 28 | 000000086396358 | 15.56 | 63.67 |
| 29 | 000000086396373 | 15.56 | 64.43 |
| 30 | 0000000721606374 | 18.52 | 65.20 |
| 31 | 0000000721606366 | 19.53 | 65.51 |
| 32 | 000000086396411 | 14.69 | 65.64 |
| 33 | 000000086396395 | 17.01 | 70.21 |
| 34 | 0000000721606282 | 18.40 | 70.78 |
| 35 | 0000000721606330 | 19.62 | 71.85 |
| 36 | 0000000721606372 | 18.79 | 73.27 |
| 37 | 000000086396404 | 18.29 | 73.59 |
| 38 | 000000086396418 | 16.43 | 74.84 |
| 39 | 000000086396355 | 16.93 | 75.30 |
| 40 | 000000086396415 | 16.66 | 76.37 |



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

Stellar Distance Table – Continued

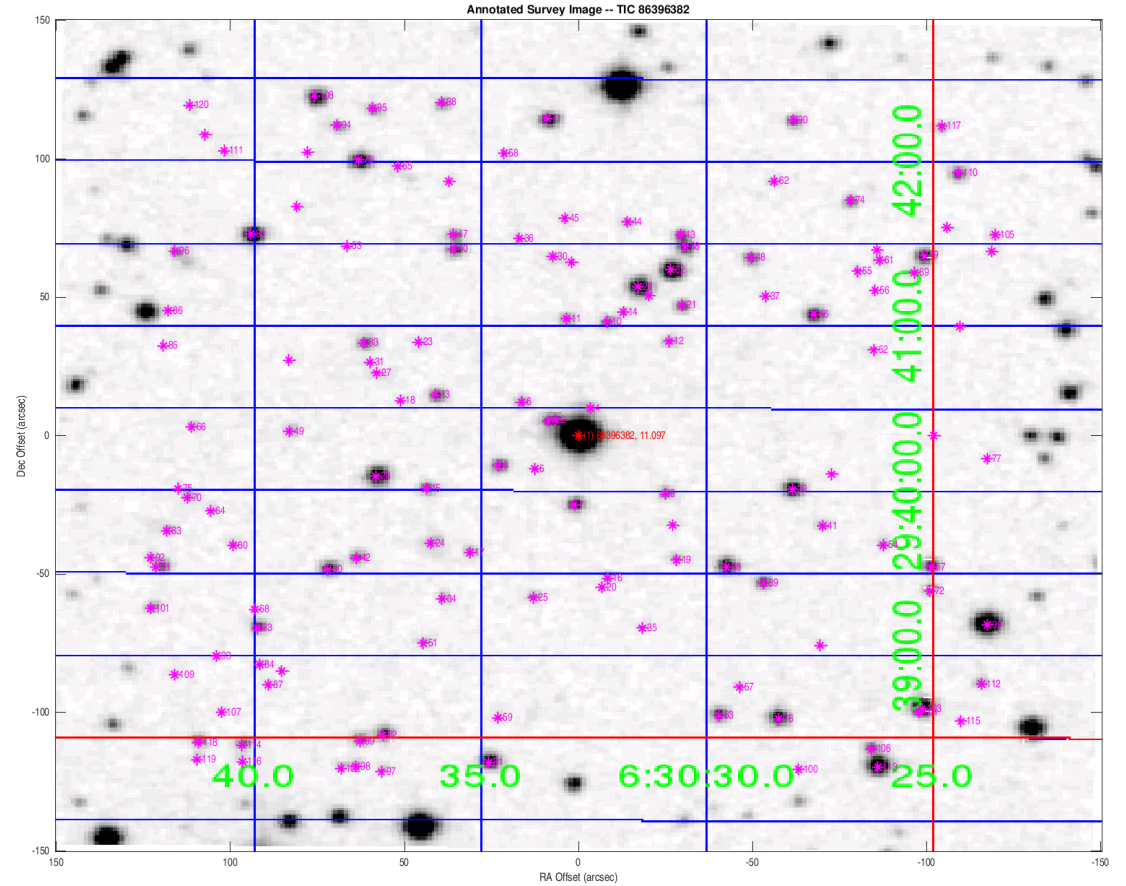
| Index | TIC ID | TESS Mag | Distance (arcsec) |
|-------|------------------|----------|-------------------|
| 41 | 000000086396366 | 18.00 | 77.36 |
| 42 | 000000086396360 | 17.12 | 77.70 |
| 43 | 000000086396422 | 17.34 | 78.30 |
| 44 | 0000000721606390 | 18.45 | 78.50 |
| 45 | 0000000721606391 | 19.09 | 78.68 |
| 46 | 000000086396400 | 16.07 | 80.60 |
| 47 | 000000086396421 | 17.44 | 81.16 |
| 48 | 000000086396412 | 17.09 | 81.17 |
| 49 | 0000000721606364 | 18.45 | 83.14 |
| 50 | 000000086396356 | 16.30 | 86.80 |
| 51 | 0000000721606243 | 18.42 | 87.25 |
| 52 | 0000000721606349 | 19.93 | 90.28 |
| 53 | 0000000721606383 | 19.70 | 95.50 |
| 54 | 0000000721606331 | 18.46 | 96.06 |
| 55 | 0000000721606355 | 18.85 | 99.78 |
| 56 | 000000086396407 | 19.09 | 100.01 |
| 57 | 0000000721606327 | 19.36 | 101.97 |
| 58 | 0000000721606392 | 18.91 | 104.26 |
| 59 | 0000000721606244 | 19.12 | 104.52 |
| 60 | 0000000721606284 | 18.85 | 106.88 |
| 61 | 0000000721606356 | 18.93 | 107.22 |
| 62 | 0000000721606393 | 18.67 | 107.76 |
| 63 | 000000086396343 | 16.51 | 108.88 |
| 64 | 0000000721606286 | 19.31 | 109.15 |
| 65 | 0000000721606380 | 19.19 | 110.26 |
| 66 | 0000000721606288 | 18.77 | 111.21 |
| 67 | 000000086359992 | 16.59 | 111.79 |
| 68 | 0000000721606283 | 19.15 | 112.24 |
| 69 | 0000000721606357 | 18.53 | 113.07 |
| 70 | 0000000721606287 | 18.73 | 114.58 |
| 71 | 000000086396436 | 15.78 | 114.90 |
| 72 | 000000086359995 | 17.73 | 115.45 |
| 73 | 000000086396349 | 17.00 | 115.46 |
| 74 | 000000086396425 | 17.44 | 115.48 |
| 75 | 0000000721606289 | 19.75 | 116.67 |
| 76 | 000000086396342 | 15.72 | 117.32 |
| 77 | 0000000721606347 | 19.72 | 117.63 |
| 78 | 000000086396431 | 15.35 | 118.05 |
| 79 | 000000086359952 | 16.10 | 118.68 |
| 80 | 000000086396423 | 14.87 | 119.05 |



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 | 000000086396332 | 15.72 | 120.91 |
| 82 | 000000086396339 | 16.73 | 121.91 |
| 83 | 0000000721606285 | 18.48 | 123.22 |
| 84 | 0000000721606274 | 18.96 | 123.42 |
| 85 | 0000000721606307 | 19.66 | 123.63 |
| 86 | 0000000721606375 | 19.47 | 126.21 |
| 87 | 0000000721606273 | 19.57 | 126.66 |
| 88 | 000000086396440 | 17.82 | 126.70 |
| 89 | 000000086396337 | 17.17 | 126.95 |
| 90 | 000000086396435 | 17.22 | 129.71 |
| 91 | 000000086396357 | 16.00 | 130.35 |
| 92 | 0000000721606281 | 19.40 | 130.63 |
| 93 | 0000000721606276 | 19.86 | 130.92 |
| 94 | 000000086396434 | 17.55 | 132.00 |
| 95 | 000000086396439 | 17.64 | 132.33 |
| 96 | 000000086396414 | 17.71 | 133.76 |
| 97 | 0000000721606235 | 18.85 | 133.98 |
| 98 | 0000000721606236 | 18.74 | 135.57 |
| 99 | 000000086360000 | 13.33 | 135.87 |
| 100 | 0000000721606318 | 19.39 | 136.11 |
| 101 | 000000086396351 | 17.97 | 137.80 |
| 102 | 0000000721606237 | 19.15 | 138.24 |
| 103 | 000000086360011 | 14.64 | 139.59 |
| 104 | 0000000721606325 | 19.00 | 139.69 |
| 105 | 000000086359950 | 18.62 | 139.99 |
| 106 | 000000086396334 | 17.58 | 141.02 |
| 107 | 0000000721606272 | 19.77 | 143.15 |
| 108 | 000000086396441 | 15.64 | 144.30 |
| 109 | 000000086396345 | 19.17 | 144.60 |
| 110 | 000000086359939 | 17.01 | 144.61 |
| 111 | 0000000721606384 | 19.46 | 144.76 |
| 112 | 0000000721606324 | 18.25 | 146.48 |
| 113 | 000000086396331 | 14.56 | 147.42 |
| 114 | 000000086396335 | 17.60 | 147.80 |
| 115 | 0000000721606326 | 19.40 | 150.68 |
| 116 | 0000000721606278 | 20.00 | 152.30 |
| 117 | 0000000721606662 | 18.31 | 152.97 |
| 118 | 000000086396336 | 17.28 | 155.63 |
| 119 | 0000000721606275 | 18.89 | 160.35 |
| 120 | 0000000721606386 | 19.40 | 163.54 |



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