

New and Revised Charts (Jan-Jun, 2019)

| Name | Constellation | Work done | Date |
|-------------------------------|---------------|-----------------------------|--------|
| CSS 091027:013309+383217 | And | new sequence | 190217 |
| CSS 101207:020804+373217 | And | new sequence | 190217 |
| ASASSN-17py | Ant | extended fainter | 190313 |
| ASASSN-19ds | Ant | new seq | 190303 |
| AASSN-19jc | Ant | new sequence | 190530 |
| DDE 45 | Ant | revised sequence | 190117 |
| WY Ant | Ant | new sequence | 190514 |
| ASASSN-14fh | Aps | new sequence | 190410 |
| ASASSN-17im | Aps | added 1 faint comp | 190217 |
| ASASSN-17im | Aps | extended fainter | 190329 |
| ASASSN-17ix | Aps | extended fainter & closer | 190130 |
| ASASSN-17jk | Aps | extension | 190130 |
| ASASSN-18kf | Aps | new sequence | 190407 |
| asassn-19mp | Aps | new sequence | 190530 |
| MASTER OT J150113.71-734333.8 | Aps | new sequence | 190204 |
| S Aps | Aps | working revision | 190305 |
| V0350 Aps | Aps | new sequence | 190303 |
| ASASSN-14ET | Aql | new sequence | 190407 |
| ASASSN-19gy | Aql | new sequence | 190326 |
| V1413 Aql | Aql | add, update and suspend | 190416 |
| Swift J1910.2-0546 | Aql | new sequence | 190227 |
| asassn-19kq | Aqr | new sequence | 190530 |
| ASASSN-16jx | Ara | extending | 190201 |
| ASASSN-16kn | Ara | extended fainter & closer | 190213 |
| ASASSN-19dn | Ara | new sequence | 180304 |
| V0663 Ara | Ara | extended fainter & closer | 190130 |
| V710 Ara | Ara | new seq | 190502 |
| V943 Ara | Ara | extended fainter and closer | 190314 |
| ASASSN-19ac | Ari | new sequence | 190103 |
| ASASSN-V J053213.93+340601.4 | Aur | new sequence | 190118 |
| AD Aur | Aur | new seq | 190209 |

| Name | Constellation | Work done | Date |
|--------------------------------------|---------------|---------------------------|--------|
| AN Aur | Aur | updated adding Rc & Ic | 190216 |
| CN Aur | Aur | new sequence | 190411 |
| CS Aur | Aur | new sequence | 190417 |
| CY Aur | Aur | new sequence | 190412 |
| DU Aur | Aur | suspended single comp | 190210 |
| EG Aur | Aur | new sequence | 190415 |
| EZ Aur | Aur | new sequence | 190411 |
| FZ Aur | Aur | new sequence | 190128 |
| RV Aur | Aur | new sequence | 190205 |
| RZ Aur | Aur | new sequence | 190207 |
| TCP J05390410+4748030 | Aur | new sequence | 190314 |
| ZZ Aur | Aur | new sequence | 190125 |
| ASAS J141805+1310.0 | Boo | new sequence | 190310 |
| EK Boo | Boo | new sequence | 190523 |
| HW Boo | Boo | extended fainter | 190604 |
| OP Boo | Boo | new sequence | 190427 |
| RR Boo | Boo | added 96 comp | 190119 |
| DK Cam | Cam | added 3 comps | 190403 |
| GH Cam | Cam | new sequence | 190306 |
| NT Cam | Cam | new sequence | 190123 |
| PQ Cam | Cam | new sequence | 190306 |
| TCP J05515391+6504346 | Cam | new sequence | 190401 |
| V0335 Cam | Cam | new sequence | 190209 |
| ASASSN-13bq | Cap | new sequence | 190529 |
| ASASSN-14br | Cap | new sequence | 190529 |
| DW Cnc | Cnc | extended sequence | 190308 |
| Wasp-65 | Cnc | new sequence | 190309 |
| ASASSN-17nm | Car | extended fainter & closer | 190311 |
| MASTER OT J101545.73-675357.5 | Car | new sequence | 190531 |
| OQ Car | Car | extended sequence | 190111 |
| Gaia19bcv | Cas | new sequence | 190506 |
| NADA-V13 | Cas | new sequence | 190104 |
| V657 Cas | Cas | new sequence | 190122 |

| Name | Constellation | Work done | Date |
|--|---------------|---------------------------|--------|
| V0850 Cas | Cas | new sequence | 190121 |
| ASASSN-14ju | Cen | extended fainter | 190111 |
| ASASSN-15ej | Cen | revised sequence | 190109 |
| ASASSN-15ek | Cen | revised sequence | 190109 |
| ASASSN-18ed | Cen | added comps closer | 190209 |
| ASASSN-19ct | Cen | new sequence | 190213 |
| ASASSN-V J125830.24-591024.4 | Cen | new sequence | 190603 |
| ASASSN-V J131118.90-521513.8 | Cen | new sequence | 190303 |
| GSC 07733-02485 | Cen | new sequence | 190407 |
| MASTER OT J121253.11-371237.5 aka ASASSN-19fg | Cen | new sequence | 190407 |
| SSS 110724:135915-391452 | Cen | extended fainter & closer | 190207 |
| tyc 8999-807-1 | Cen | new sequence | 190124 |
| V0803 Cen | Cen | extended | 190122 |
| V0850 Cen | Cen | new sequence | 190220 |
| V1258 Cen | Cen | updated & extended | 190122 |
| ASAS J022810-0659.4 | Cet | new sequence | 190107 |
| ASASSN-14kk | Cet | updated & extended | 190114 |
| ASASSN-18abn | Cet | updated & extended | 190408 |
| FH Cet | Cet | new sequence | 190118 |
| HO Cet | Cet | extended fainter | 190115 |
| ASASSN-14ee | Cha | added comps closer | 190305 |
| ASASSN-16lf | Cha | extended fainter | 190116 |
| ASASSN-18ee | Cha | added comps closer | 190209 |
| ASASSN-19ay | Cir | new sequence | 190203 |
| MASTER OT J150302.53-674306.4 | Cir | new sequence | 190408 |
| ASAS J072505-2545.8 | CMa | new sequence | 190124 |
| ASASSN-14kz | CMa | updated & extended | 190108 |
| ST Cha | Cha | extended | 190214 |
| asassn-15ee | CMa | extended | 190109 |
| ASASSN-14kj | CMi | updated & extended | 190109 |
| HH Cnc | Cnc | extended sequence | 190117 |
| asassn-15el | CrA | extended sequence | 190109 |

| Name | Constellation | Work done | Date |
|---------------------------------|---------------|----------------------------|--------|
| ASASSN-15ks | CrA | extended sequence | 190113 |
| ASASSN-19jn | CrA | new seq | 190530 |
| V0581 CrA | CrA | major revision & extension | 190211 |
| AK CrB | CrB | new sequence | 190419 |
| AS CrB | CrB | new sequence | 190527 |
| R CrB | CrB | added comps | 190210 |
| SDSS J155252.48+320150.9 | CrB | new sequence | 190204 |
| SDSS J153634.42+332851.9 | CrB | new sequence | 190115 |
| ST CrB | CrB | new sequence | 190423 |
| T CrB | CrB | added Rc & Ic to selected | 190417 |
| Y CrB | CrB | add & update | 190421 |
| SS CrB | CrB | new sequence | 190424 |
| VZ CrB | CrB | new sequence | 190422 |
| nsv 5031 | Crt | new sequence | 190213 |
| TU Crt | Crt | revised sequence | 192017 |
| 2MASS J12044052-5953594 | Cru | new sequence | 190303 |
| ASASSN-18ei | Cru | extended fainter & closer | 190226 |
| SDSS J124602.02-202302.4 | Crv | new sequence | 190107 |
| Hat-P-36 | CVn | new sequence | 190405 |
| SDSS J120841.96+355025.2 | CVn | new sequence | 190204 |
| SN 2019va | CVn | new sequence | 190123 |
| SN 2019ein | CVn | new sequence | 190520 |
| VX CVn | CVn | new sequence | 190507 |
| XX CVn | CVn | new Sequence | 190418 |
| ASASSN-19ir | Cyg | new sequence | 190411 |
| ASASSN-19nl | Cyg | new sequence | 190527 |
| BZ Cyg | Cyg | new sequence | 190306 |
| FF Cyg | Cyg | updated & revised | 190121 |
| IU Cyg | Cyg | new sequence | 190524 |
| V396 Cyg | Cyg | new sequence | 190524 |
| V609 Cyg | Cyg | new sequence | 190523 |
| V1687 Cyg | Cyg | extended sequence | 190113 |
| V2478 Cyg | Cyg | new sequence | 190209 |

| Name | Constellation | Work done | Date |
|--------------------------|---------------|---------------------------|--------|
| WISE J210644.4+475736 | Cyg | new sequence | 190403 |
| ASASSN-14eh | Del | new seqiemce | 190529 |
| HV 12524 | Dor | revised & extended | 190107 |
| OGLE LMC-RCB-08 | Dor | extended fainter & closer | 190315 |
| S Dor | Dor | updated selected | 190115 |
| ASASSN-19fy | Dra | new sequence | 190314 |
| ASASSN-19hr | Dra | new sequence | 190411 |
| CR Dra | Dra | new sequence | 190109 |
| MNIC V92 | Dra | new sequence | 190604 |
| V467 Dra | Dra | new sequence | 190402 |
| V0529 Dra | Dra | updated & extended | 190114 |
| ASASSN-14ff | Eri | new sequence | 190529 |
| ASASSN-15dy | Eri | revised and extended | 190110 |
| ASASSN-17oo | Eri | updated & extended | 190102 |
| LT Eri | Eri | filled gap | 190426 |
| ASASSN-19hd | Gem | new sequence | 190327 |
| GW Gem | Gem | new sequence for E chart | 190106 |
| NSV 3604 | Gem | extended | 190205 |
| R Gem | Gem | Revised sequence | 190305 |
| SDSS J074640.62+173412.8 | Gem | extended sequence | 190116 |
| ASASSN-18wh | Gru | new sequence | 190529 |
| NSV 14536 | Gru | extension | 190214 |
| ASASSN-19fl | Her | new sequence | 190314 |
| DL Her | Her | excluded one comp | 190313 |
| DL Her | Her | added one comp | 190322 |
| SDSS J164228.06+193410.0 | Her | new sequence | 190204 |
| UZ Her | Her | new sequence | 190118 |
| V0544 Her | Her | extended sequence | 190201 |
| V1209 Her | Her | new sequence | 190521 |
| ASASSN-14hh | Hor | extended fainter | 190112 |
| DDE 163 | Her | new sequence | 190309 |
| AG Hya | Hya | extended fainter | 190102 |
| ASASSN-14ag | Hya | updated & extended | 190103 |

| Name | Constellation | Work done | Date |
|---------------------------------|---------------|---------------------------|--------|
| ASASSN-14ap | Hya | major revision | 190104 |
| ASASSN-16fi | Hya | extension | 190123 |
| ASASSN-18acj | Hya | new sequence | 190303 |
| ASASSN-19bb | Hya | new sequence | 190303 |
| SDSS J090628.25+052656.9 | Hya | extension | 190117 |
| SSS 110327:112815-344807 | Hya | extension | 190221 |
| V396 Hya | Hya | new sequence | 190204 |
| VW Hya | hya | new sequence | 190123 |
| ASASSN-15bg | Hyi | new sequence | 190410 |
| BL Hyi | Hyi | major revision | 190112 |
| ASASSN-14dy | Ind | extended fainter | 190106 |
| ASASSN-16dq | Ind | new seqnew sequence | 190407 |
| ASASSN-16hi | Ind | extended fainter | 190118 |
| asassn-19kp | Ind | new sequence | 190530 |
| GALEX J211312.2-590714 | Ind | exteended to 17.3 | 190215 |
| RX Lep | Lep | updated 1 comp | 190119 |
| ASASSN-19ag | Leo | new sequence | 190107 |
| BL Leo | Leo | new sequence | 190422 |
| DO Leo | Leo | extension | 190412 |
| QSO J1029+2623 | Leo | new sequence | 190308 |
| X Leo | Leo | Sequence Revision | 190301 |
| XY Leo | Leo | new sequence | 190427 |
| ASASSN-15gn | Lib | extended fainter | 190109 |
| FY Lib | Lib | new sequence | 190306 |
| KT Lib | Lib | new sequence | 190313 |
| RX Lib | Lib | new sequence | 190225 |
| TCP J15360165-1642561 | Lib | new sequence | 190102 |
| QSO B1001+4127 | LMi | new sequence | 190308 |
| SN 2019np | Lmi | new sequence | 190115 |
| U LMi | LMi | major revision | 190222 |
| ASASSN-14go | Lup | new sequence | 190409 |
| ASASSN-14ez | Lup | new sequence | 190409 |
| ASASSN-14ez | Lup | added some brighter comps | 190415 |

| Name | Constellation | Work done | Date |
|------------------------------|---------------|---|------------|
| ASASSN-15ca | Lup | revised and extended | 190110 |
| ASASSN-15ib | Lup | extended fainter | 190113 |
| ASASSN-15ib | Lup | extended fainter | 190302 |
| ASASSN-15Id | Lup | new sequence | 190407 |
| ASASSN-16Id | Lup | extended fainter & closer | 190207 |
| ASASSN-17gv | Lup | extension | 190131 |
| ASASSN-17rv | Lup | extended & updated | 190202 |
| ASASSN-19an | Lyn | new sequence | 190111 |
| DN Lyn | Lyn | updated & extended | 190210 |
| EQ Lyn | Lyn | Extended brighter | 190228 |
| EZ Lyn | Lyn | fixed uncertainties & extended brighter | 190224 |
| KP Lyn | Lyn | new sequence | 190312 |
| DF Lyr | Lyr | new sequence | 190603 |
| AQ Men | Men | added one closer comp | 190323 |
| OGLE LMC-RCB-19 | Men | extended fainter | 190123 |
| OGLE LMC-RCB-22 | Men | new sequence | 190119 |
| OGLE LMC-RCB-23 | Men | updated & extended | 190106 |
| ASASSN-15bv | Mon | extended fainter | 190109 |
| ASASSN-19nc | Mon | new sequence | 190521 |
| MIS V1446 | Mon | extended fainter | 190114 |
| TCP J06373299-0935420 | Mon | new sequence + added ext | 190221& 22 |
| TCP J06373299-0935420 | Mon | filled gap | 190226 |
| V0874 Mon | Mon | new sequence | 190104 |
| ASASSN-18hm | Mus | extended fainter & closer | 190207 |
| ASASSN-17fj | Nor | extended fainter | 190201 |
| ASASSN-18ec | Nor | new sequence | 190130 |
| ASASSN-18ec | Nor | extended fainter | 190130 |
| ASASSN-19bc | Nor | new sequence | 190408 |
| asassn-19ko | Nor | new sequence | 190530 |
| HP Nor | Nor | added closer faint comps | 190120 |
| RZ Nor | Nor | added closer faint comps | 190121 |
| V409 Nor | Nor | closer fainter comps | 190314 |
| AO Oct | Oct | extended fainter | 190103 |

| Name | Constellation | Work done | Date |
|--------------------------------------|---------------|---------------------------|--------|
| ASASSN-16os | Oct | extended fainter | 190101 |
| ASASSN-18vt | Oct | extended fainter | 190130 |
| ASASSN-19bh | Oct | new sequence | 190213 |
| DT Oct | Oct | extended fainter | 190203 |
| ASASSN-14el | Oph | new sequence | 190317 |
| ASASSN-15km | Oph | extended sequence | 190113 |
| ASASSN-17hw | Oph | extended fainter & closer | 190201 |
| ASASSN-18os | Oph | new sequence | 190408 |
| ASASSN-19fd | Oph | new sequence | 190409 |
| ASASSN-19he | Oph | new sequence | 190327 |
| GV Oph | Oph | extended fainter & closer | 190121 |
| NSV 8178 | Oph | new sequence | 190529 |
| NSV 22773 | Oph | extended fainter & closer | 190316 |
| V2111 OPH | Oph | added to sequence | 190523 |
| V3062 OPH | Oph | new sequence | 190602 |
| ASASSN-14bs | Pav | extended fainter | 190105 |
| ASASSN-14lk | Pav | updated & extended | 190107 |
| ASASSN-18ho | Pav | closer comps added | 190204 |
| ASASSN-19hn | Pav | new sequence | 190529 |
| GS Pav | Pav | extended | 190122 |
| NSV 13572 | Pav | extended fainter | 190407 |
| V0344 Pav | Pav | extended fainter | 190214 |
| Gaia19bbz | Per | new sequence | 190326 |
| HH Per | Per | new sequence | 190117 |
| NSV 15635 | Per | new sequence | 190105 |
| V0888 Per | Per | new sequence | 190130 |
| ASASSN-14eg | Phe | updated & extended | 190108 |
| ASASSN-15ch | Pic | new sequence | 190529 |
| RR Pic | Pic | Revised sequence | 190227 |
| ASASSN-13ck | Psc | extended sequence | 190417 |
| U Psc | Psc | label suspended | 190204 |
| asassn-16hg | PsA | extension | 190214 |
| MASTER OT J220559.40-341434.9 | PsA | extnsion | 190214 |

| Name | Constellation | Work done | Date |
|-----------------------------|---------------|----------------------------|--------|
| ASASSN-165cl | Pup | extended fainter | 190102 |
| ASASSN-16nr | Pup | extended sequence | 190116 |
| ASASSN-17cc | Pup | extended sequence | 190118 |
| ASASSN-18ach | Pup | new sequence | 190102 |
| ASASSN-19hl | Pup | new sequence | 190407 |
| V0572 Pup | Pup | updated | 190220 |
| ASASSN-17fz | Pyx | extended | 190121 |
| ASASSN-17ov | Pyx | extended sequence | 190118 |
| GSC 07153-01131 | Pyx | new sequence | 190407 |
| UW Pyx | Pyx | new sequence | 190425 |
| ASASSN-14gs | Sco | new sequence | 190529 |
| ASASSN-15dl | Sco | extended sequence | 190111 |
| ASASSN-16ln | Sco | extended fainter | 190130 |
| ASASSN-17lq | Sco | extended fainter & closer | 190209 |
| ASASSN-18fj | Sco | update 1 & extend | 190219 |
| ASASSN-18hl | Sco | extended fainter & closer | 190209 |
| ASASSN-18hl | Sco | revised & extended fainter | 190328 |
| ASASSN-19jp | Sco | new sequence | 190412 |
| CI* NGC 6121 SAW V30 | Sco | new sequence | 190509 |
| DV Sco | Sco | extended sequence | 190122 |
| EROS2-CG RCB-5 | Sco | major revision & extension | 190210 |
| FQ Sco | Sco | updates & extensions | 190218 |
| NSV 21444 | Sco | new sequence | 190517 |
| NSV 22221 | Sco | major revision & extension | 190210 |
| NSV 23774 | Sco | major revision & extension | 190211 |
| OGLE-BLG-DN-0254 | Sco | new sequence | 190408 |
| Terz V 3526 | Sco | updated & extended | 190203 |
| Terz V 3526 | Sco | added closer faint comps | 190216 |
| V0478 Sco | Sco | extended fainter | 190209 |
| V0653 Sco | Sco | extended fainter & closer | 190317 |
| FH Sct | Sct | extended sequence | 190203 |
| Lanning 17 | Sct | extended fainter | 190531 |
| R Sct | Sct | added Rc & Ic to selected | 190414 |

| Name | Constellation | Work done | Date |
|---------------------------------|---------------|----------------------------|--------|
| UY Sct | Sct | new sequence | 190527 |
| SDSS J161027.61+090738.4 | Ser | extended sequence | 190413 |
| TCP J18200437-1033071 | Ser | new sequence | 190409 |
| V386 Ser | Ser | extended sequence | 190120 |
| ASASSN-15gj | Sgr | new sequence | 190109 |
| ASASSN-15lt | Sgr | updated & extended | 190113 |
| ASASSN-16jb | Sgr | extended fainter | 190211 |
| EROS2-CG RCB-10 | Sgr | extended fainter & closer | 190319 |
| EROS2-CG RCB-11 | Sgr | major revision & fainter | 190321 |
| EROS2-CG RCB-13 | Sgr | extended fainter & closer | 190322 |
| MACHO 401.48170.2237 | Sgr | added closer faint comps | 190317 |
| V0551 Sgr | Sgr | extended fainter | 190211 |
| V0551 Sgr | Sgr | extended fainter | 190228 |
| V2276 Sgr | Sgr | updted & extended | 190123 |
| AK Tau | Tau | major revision | 190119 |
| CSS 090919:035534+292150 | Tau | new sequence | 190304 |
| ZTF19aabimbg | Tau | new sequence | 190115 |
| ASASSN-14fz | Tel | extended fainter | 190112 |
| ASASSN-14gq | Tel | extended fainter | 190114 |
| ASASSN-15et | Tel | extended sequence | 190103 |
| ASASSN-15na | Tel | extended fainter | 190214 |
| ASASSN-16ds | Tel | major revision & extension | 190212 |
| ASASSN-17jg | Tel | extended fainter | 190212 |
| ASASSN-18mw | Tel | new sequence | 190529 |
| ASASSN-18qa | Tel | new sequence | 190212 |
| ASASSN-19gp | Tel | new sequence | 190407 |
| ASASSN-19ne | Tel | new sequence | 190530 |
| ASASSN-16co | TrA | extended fainter & closer | 190102 |
| ASASSN-17dg | TrA | extended and closer | 190130 |
| ASASSN-17dg | TrA | extended fainter | 190301 |
| ASASSN-17hl | TrA | extension | 190131 |
| ASASSN-19cv | TrA | new sequence | 190309 |
| ASASSN-19fq | TrA | new sequence | 190408 |

| Name | Constellation | Work done | Date |
|----------------------------------|---------------|-----------------------|--------|
| MACHO 207.16426.1662 | Tuc | extended fainter | 190214 |
| AT 2019uo | UMa | extended sequence | 190127 |
| AT 2019uo | UMa | new sequence | 190125 |
| CRTS J105122.8+672528 | UMa | revised & extended | 190514 |
| GSC 03004-00870 | UMa | new sequence | 190225 |
| GSC 02998-00537 | UMa | new sequence | 190227 |
| KPS-1 | UMa | new sequence | 190401 |
| NSVS 2672157 | UMa | new sequence | 190311 |
| SDSS J102905.21+485515.23 | UMa | new sequence | 190103 |
| SN 2018hna | UMa | new sequence | 190129 |
| TCP J10240289+4808512 | UMa | new sequence | 190526 |
| V0416 UMa | UMa | new sequence | |
| ASASSN-16hb | UMi | new sequence | 190205 |
| SU Umi | UMi | new sequence | 190119 |
| ASASSN-16lw | Vel | extended sequence | 190117 |
| ASASSN-16nj | Vel | extension | 190221 |
| ASASSN-17ar | Vel | extended fainter | 190123 |
| ASASSN-17bm | Vel | added fainter, closer | 190220 |
| ASASSN-19DT | Vel | new sequence | 190303 |
| GSC 07702-02511 | Vel | new sequence | 190407 |
| GSC 07733-00128 | Vel | new sequence | 190407 |
| NSV 4402 | Vel | extended sequence | 190117 |
| NSV 4926 | Vel | added fainter, closer | 190123 |
| 3C 279 | Vir | added 2 faint comps | 190119 |
| AS Vir | Vir | new sequence | 190505 |
| ASASSN-19fj | Vir | new sequence | 190314 |
| CSS 080425:141712-180328 | Vir | new sequence | 190316 |
| CSS 110401:130208-174642 | Vir | extended fainter | 190111 |
| CSS 130108:132530-082009 | Vir | extended fainter | 190208 |
| SDSS J150551.58+065948.7 | Vir | new sequence | 190204 |
| X Vir | Vir | new sequence | 190315 |
| ASASSN-19eo | Vol | new sequence | 190409 |
| RX Vol | Vol | extended sequence | 190118 |