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**166. LIST OF TIMINGS OF MINIMA ECLIPSING BINARIES
BY BBSAG OBSERVERS**

(BBSAG Bulletin No. 133)

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The following Table lists timings of minima of eclipsing binaries secured by photoelectrical means by BBSAG observers, primarily obtained between July 2006 and June 2007. The given $O - C$ values generally refer to the linear elements of the GCVS (Kholopov et al., 1985), except for the cases stated in the remarks. All times given are heliocentric UTC.

| Variable | Type | HJD 24... | \pm | $O - C$ | n | Obs | Remarks |
|-----------------|------|------------|--------|---------|----|-----|-----------------------------------|
| DS And | p | 54096.2943 | 0.0004 | +0.0022 | 29 | RD | V |
| KN And | p | 54090.3058 | 0.0005 | +0.0012 | 18 | RD | V; el.: BAV Mitt. 36, 11 |
| GSC2808-139 And | s | 54097.2513 | 0.0009 | | 12 | RD | V |
| V557 Aql | p | 53919.5378 | 0.0009 | +0.4546 | 12 | RD | V |
| V737 Aql | p | 53933.4849 | 0.0002 | -0.1271 | 26 | RD | V |
| V760 Aql | p | 53934.4143 | 0.0003 | -0.0225 | 22 | RD | V |
| V770 Aql | p | 53933.5302 | 0.0004 | +0.3455 | 18 | RD | V |
| V917 Aql | p | 53919.4687 | 0.0002 | +0.1154 | 35 | RD | V; d=0.06 days |
| | p | 53941.4566 | 0.0002 | +1.1145 | 27 | RD | V |
| NSV12008 Aql | s | 53918.4289 | 0.0008 | -0.0076 | 15 | RD | V; el.: IBVS, No. 5644 |
| ZZ Aur | s | 54165.3516 | 0.0009 | +0.0206 | 21 | EBI | C |
| AP Aur | s | 54172.303 | 0.003 | +0.003 | 8 | RD | V |
| EM Aur | s | 54172.3949 | 0.0013 | -0.1716 | 12 | RD | V |
| GX Aur | p | 54172.3759 | 0.0005 | +0.0581 | 17 | RD | V; el.: BAV Mitt. 69 |
| HP Aur | s | 54172.3419 | 0.0005 | +0.0527 | 23 | RD | V |
| IZ Aur | p | 54097.5126 | 0.0003 | | 30 | RD | V |
| V365 Aur | p | 54172.3323 | 0.0003 | -0.0075 | 21 | RD | V; el.: MVS 10, 153 |
| V523 Aur | p | 54172.3952 | 0.0011 | | 9 | RD | V |
| GSC2393-680 Aur | s | 54130.3887 | 0.0015 | +0.0070 | 10 | EBI | C; el.: IBVS No. 5699 |
| GSC2903-237 Aur | s | 54130.4206 | 0.0005 | +0.0019 | 17 | EBI | C; el.: IBVS No. 5699 |
| GSC2915-212 Aur | p | 54165.4772 | 0.0005 | +0.0021 | 25 | EBI | C; el.: IBVS No. 5700 |
| GSC3751-178 Aur | s | 54097.5513 | 0.0003 | -0.0071 | 27 | RD | V; el.: 2453285.2664 + 0.3286 * E |
| | s | 54172.3345 | 0.0002 | -0.0079 | 21 | RD | V |
| GM Boo | s | 53936.4531 | 0.0008 | +0.0313 | 13 | EBI | R; el.: IBVS No. 5125 |
| | s | 54174.4301 | 0.0011 | +0.0355 | 13 | EBI | C |
| GN Boo | s | 53936.4724 | 0.0011 | +0.0100 | 10 | EBI | R; el.: IBVS No. 5125 |
| | s | 54174.4349 | 0.0006 | +0.0094 | 12 | EBI | C |
| GQ Boo | p | 53936.493 | 0.004 | -0.008 | 11 | EBI | R; el.: IBVS No. 5125 |
| | s | 54197.4751 | 0.0014 | -0.0046 | 25 | EBI | C |

| Variable | Type | HJD 24... | \pm | $O - C$ | n | Obs | Remarks |
|------------------|------|------------|--------|---------|----|-----|---|
| GR Boo | p | 53936.4397 | 0.0014 | +0.0052 | 16 | EBI | R; el.: IBVS No. 5125 |
| | p | 54174.4916 | 0.0003 | +0.0016 | 16 | EBI | C |
| GSC2013-288 Boo | p | 53936.4179 | 0.0017 | -0.0069 | 14 | EBI | R; el.: IBVS No. 5699 |
| | p | 54174.3699 | 0.0007 | -0.0034 | 16 | EBI | C |
| | s | 54174.5203 | 0.0008 | -0.0045 | 14 | EBI | C |
| AO Cam | p | 54173.3745 | 0.0003 | -0.0313 | 29 | RD | V; el.: PASP 97, 648 |
| CD Cam | p | 54173.3819 | 0.0009 | +0.0999 | 31 | RD | V; el.: IBVS No. 3753 |
| HW Cam | p | 54173.4001 | 0.0008 | +0.0563 | 22 | RD | V; el.: IBVS No. 4526 |
| MT Cam | s | 54173.3388 | 0.0003 | -0.0157 | 29 | RD | V; el.: IBVS No. 5600 |
| GSC3715-1039 Cam | p | 54173.3517 | 0.0006 | -0.0469 | 37 | RD | V; el.: IBVS No. 5700 |
| NSV3715 Cam | p | 54173.278 | 0.005 | | 6 | RD | V |
| DF CVn | s | 54170.4856 | 0.0004 | +0.0443 | 22 | EBI | C; el.: IBVS No. 5021 |
| DH CVn | p | 54170.3917 | 0.0006 | -0.0134 | 12 | EBI | C; el.: IBVS No. 5149 |
| DQ CVn | p | 54170.337 | 0.003 | -0.001 | 10 | EBI | C; el.: IBVS No. 5541 |
| DX CVn | s | 54172.4590 | 0.0007 | +0.0051 | 16 | EBI | C; el.: IBVS No. 5403 |
| DY CVn | p | 54172.2952 | 0.0003 | -0.0041 | 9 | EBI | C; el.: IBVS No. 5403 |
| | s | 54172.4138 | 0.0015 | -0.0085 | 13 | EBI | C |
| EE CVn | s | 53979.3337 | 0.0010 | -0.0187 | 15 | EBI | R; el.: IBVS No. 5403 |
| | s | 54172.3757 | 0.0010 | -0.0040 | 10 | EBI | C |
| EF CVn | s | 54172.4335 | 0.0010 | -0.0003 | 19 | EBI | C; el.: IBVS No. 5269 |
| EG CVn | p | 54172.4727 | 0.0005 | +0.0220 | 16 | EBI | C; el.: IBVS No. 5269 |
| EI CVn | p | 54172.4083 | 0.0009 | -0.0043 | 11 | EBI | C; el.: IBVS No. 5403 |
| GSC2534-1121 CVn | s | 54170.3640 | 0.0008 | +0.0031 | 14 | EBI | C; el.: IBVS No. 5541 |
| GSC2537-520 CVn | p | 54170.3811 | 0.0009 | -0.0061 | 19 | EBI | C; el.: IBVS No. 5541 |
| GSC2544-1007 CVn | p | 53936.3887 | 0.0008 | -0.0009 | 10 | EBI | R; el.: IBVS No. 5541 |
| | p | 54170.3973 | 0.0002 | +0.0054 | 11 | EBI | C |
| GSC2544-1090 CVn | s | 53979.381 | 0.003 | -0.002 | 10 | EBI | R; el.: IBVS No. 5699 |
| | p | 54174.4864 | 0.0007 | +0.0085 | 18 | EBI | C |
| GSC2545-970 CVn | s | 53936.5091 | 0.0014 | +0.0004 | 10 | EBI | R; el.: IBVS No. 5699 |
| | p | 54174.4923 | 0.0004 | -0.0069 | 11 | EBI | C |
| GSC3034-299 CVn | p | 53936.4936 | 0.0003 | -0.0023 | 9 | EBI | R; el.: IBVS No. 5699 |
| | s | 54174.4898 | 0.0008 | +0.0004 | 18 | EBI | C |
| AX Cas | p | 54097.3037 | 0.0003 | -0.0901 | 27 | RD | V |
| DP Cas | p | 54097.256 | 0.003 | +0.049 | 16 | RD | V |
| GH Cas | p | 54090.2659 | 0.0002 | -0.4710 | 24 | RD | V |
| KT Cas | p | 54097.3096 | 0.0004 | -0.1208 | 29 | RD | V |
| MS Cas | p | 54090.3051 | 0.0006 | +0.0397 | 19 | RD | V |
| NU Cas | p | 54096.2857 | 0.0009 | +0.2315 | 24 | RD | V |
| V374 Cas | p | 54090.3276 | 0.0005 | +0.0165 | 10 | RD | V |
| V419 Cas | p | 54097.3637 | 0.0013 | +0.0393 | 14 | RD | V |
| V423 Cas | - | 54090.3323 | 0.0012 | -0.1386 | 9 | RD | V |
| V651 Cas | s | 54090.3002 | 0.0007 | +0.0025 | 16 | RD | V; el.: IBVS No. 3554 |
| V775 Cas | p | 54172.364 | 0.003 | -0.004 | 18 | RD | V; el.: IBVS No. 5557 |
| NSV517 Cas | p | 54096.361 | 0.008 | +0.043 | 11 | RD | V; el.: IBVS No. 5609 |
| CO Cep | p | 53918.4686 | 0.0006 | -0.1795 | 33 | RD | V; eccentric orbit |
| EO Cep | p | 54097.2971 | 0.0007 | +0.0821 | 29 | RD | V; d = 0.09 d |
| GG Cep | p | 54096.2931 | 0.0004 | -0.0809 | 26 | RD | V |
| GW Cep | p | 54097.3022 | 0.0007 | -0.0069 | 20 | RD | V; el.: IBVS No. 4293 |
| IW Cep | p | 54096.3551 | 0.0007 | +0.0260 | 9 | RD | V |
| NSV43 Cep | s | 53932.534 | 0.005 | +0.169 | 18 | RD | V; el.: IBVS, No. 5630; eccentric orbit |
| VY Com | p | 54200.4174 | 0.0018 | +0.0491 | 35 | RD | V |
| LL Com | p | 54200.4087 | 0.0004 | -0.0322 | 27 | RD | V; el.: IBVS No. 4386 |
| LO Com | s | 54170.4664 | 0.0005 | +0.0071 | 21 | EBI | C; el.: IBVS No. 5052 |
| | p | 54200.3953 | 0.0010 | +0.0113 | 20 | RD | V |
| LP Com | p | 54170.4792 | 0.0004 | -0.0159 | 20 | EBI | C; el.: IBVS No. 5052 |
| | s | 54200.3910 | 0.0007 | -0.0113 | 17 | RD | V |
| MR Com | p | 54172.4182 | 0.0006 | -0.0250 | 20 | EBI | C; el.: IBVS No. 5269 |

| Variable | Type | HJD 24. . . | \pm | $O - C$ | n | Obs | Remarks |
|------------------|------|-------------|--------|---------|----|-----|------------------------------|
| AR CrB | s | 54197.4971 | 0.0009 | +0.0013 | 15 | EB1 | C; el.: IBVS No. 5295 |
| AS CrB | p | 54197.4022 | 0.0012 | +0.0049 | 16 | EB1 | C; el.: IBVS No. 5295 |
| AV CrB | s | 54197.4513 | 0.0006 | -0.0080 | 22 | EB1 | C; el.: IBVS No. 5295 |
| GG Cyg | p | 53919.5050 | 0.0007 | +0.1230 | 24 | RD | V; d=0.05 days |
| PQ Cyg | p | 53941.4343 | 0.0012 | +0.0273 | 22 | RD | V; d=0.04 days |
| V346 Cyg | p | 53932.4276 | 0.0002 | +0.1090 | 23 | RD | V |
| V385 Cyg | p | 53934.4300 | 0.0008 | -0.1270 | 25 | RD | V |
| V501 Cyg | p | 53918.377 | 0.005 | -0.202 | 8 | RD | V |
| V635 Cyg | p | 53941.4878 | 0.0003 | -0.0452 | 27 | RD | V |
| V753 Cyg | p | 53932.4807 | 0.0001 | +0.0026 | 27 | RD | V; el.: BAV M., 69 |
| V824 Cyg | p | 53934.4227 | 0.0005 | +0.0163 | 19 | RD | V |
| V853 Cyg | p | 53932.4625 | 0.0005 | +0.0223 | 28 | RD | V |
| V869 Cyg | s | 53932.4396 | 0.0011 | +0.0096 | 21 | RD | V |
| V910 Cyg | p | 53934.4333 | 0.0005 | -0.0257 | 25 | RD | V |
| V961 Cyg | p | 53918.4636 | 0.0002 | +0.0013 | 18 | RD | V; el.: IBVS, No. 4278 |
| V964 Cyg | p | 53919.4529 | 0.0009 | +0.0396 | 25 | RD | V |
| V1066 Cyg | p | 53941.4587 | 0.0005 | +0.0730 | 23 | RD | V; d=0.06 days |
| V1083 Cyg | p | 53946.4098 | 0.0002 | -0.0603 | 23 | RD | V; d=0.03 days |
| V1411 Cyg | p | 53919.4873 | 0.0007 | +0.2141 | 18 | RD | V |
| V2280 Cyg | s | 54019.4317 | 0.0006 | +0.0403 | 25 | EB1 | R; el.: IBVS No. 4996 |
| V2282 Cyg | s | 54019.3294 | 0.0004 | -0.0374 | 24 | EB1 | R; el.: IBVS No. 4996 |
| V2284 Cyg | s | 54019.3126 | 0.0006 | +0.0022 | 19 | EB1 | R; el.: IBVS No. 4985 |
| V2294 Cyg | s | 54019.3626 | 0.0011 | +0.0187 | 20 | EB1 | R; el.: IBVS No. 4995 |
| GSC3159-1247 Cyg | p | 53934.5424 | 0.0014 | +0.1086 | 11 | RD | V; el.: IBVS, No. 5600 |
| Z Dra | p | 54200.3792 | 0.0002 | -0.1825 | 30 | RD | V |
| MU Dra | p | 54018.268 | 0.005 | -0.010 | 8 | EB1 | R; el.: IBVS No. 5232 |
| | s | 54018.432 | 0.002 | -0.021 | 13 | EB1 | R |
| DW Dra | p | 53932.4125 | 0.0007 | +0.0076 | 18 | RD | V; el.: BBSAG Bull., 118, 7 |
| KP Dra | p | 53946.3934 | 0.0003 | -0.0257 | 18 | RD | V; el.: IBVS, No. 5599 |
| GSC3523-505 Dra | s | 53984.409 | 0.002 | -0.008 | 9 | EB1 | R; el.: IBVS No. 5699 |
| | p | 53984.538 | 0.002 | +0.002 | 12 | EB1 | R |
| GSC3552-321 Dra | p | 53984.4656 | 0.0014 | +0.0034 | 17 | EB1 | R; el.: IBVS No. 5699 |
| GSC3905-60 Dra | p | 53984.5007 | 0.0008 | -0.0075 | 22 | EB1 | R; el.: IBVS No. 5699 |
| AV Gem | s | 54097.5466 | 0.0005 | -0.0307 | 35 | RD | V |
| EG Gem | p | 54097.5907 | 0.0005 | +0.2632 | 22 | RD | V |
| LO Gem | s | 54097.5786 | 0.0003 | +0.0145 | 29 | RD | V; el.: IBVS No. 5020 |
| DI Her | p | 53933.4817 | 0.0004 | -0.0022 | 31 | RD | V; eccentric orbit |
| V1033 Her | p | 54210.4238 | 0.0003 | -0.0127 | 13 | EB1 | C; el.: IBVS 5146 |
| | s | 54210.5733 | 0.0003 | -0.0122 | 14 | EB1 | C |
| V1036 Her | s | 54210.5591 | 0.0002 | +0.0029 | 19 | EB1 | C; el.: IBVS No. 5146 |
| V1038 Her | p | 54210.4519 | 0.0005 | +0.0049 | 10 | EB1 | C; el.: IBVS No. 5146 |
| V1039 Her | s | 54210.5300 | 0.0004 | +0.0022 | 19 | EB1 | C; el.: BBSAG Bull. 128, 10 |
| V1044 Her | p | 53992.308 | 0.003 | -0.005 | 8 | EB1 | R; el.: IBVS No. 5192 |
| | s | 53992.4266 | 0.0008 | -0.0067 | 10 | EB1 | R |
| | s | 54202.5078 | 0.0003 | -0.0051 | 19 | EB1 | C |
| V1047 Her | p | 53992.3248 | 0.0011 | -0.0088 | 10 | EB1 | R; el.: IBVS No. 5192 |
| | p | 54202.410 | 0.002 | -0.006 | 10 | EB1 | C |
| | s | 54202.5686 | 0.0009 | -0.0080 | 18 | EB1 | C |
| V1053 Her | p | 53992.406 | 0.004 | +0.010 | 8 | EB1 | R; el.: BBSAG Bull., 128, 10 |
| | p | 54202.4899 | 0.0006 | +0.0030 | 13 | EB1 | C |
| V1055 Her | p | 53992.3522 | 0.0006 | +0.0004 | 12 | EB1 | R; el.: IBVS No. 5192 |
| | p | 54202.4118 | 0.0012 | -0.0017 | 16 | EB1 | C |
| | s | 54202.5752 | 0.0004 | +0.0040 | 17 | EB1 | C |
| V1062 Her | s | 53992.423 | 0.003 | -0.005 | 10 | EB1 | R; el.: IBVS No. 4965 |
| | p | 54202.4958 | 0.0009 | -0.0063 | 14 | EB1 | C |
| | s | 54202.619 | 0.003 | -0.009 | 9 | EB1 | C |

| Variable | Type | HJD 24... | \pm | $O - C$ | n | Obs | Remarks |
|------------------|------|------------|--------|---------|----|-----|-----------------------|
| V1067 Her | s | 53992.363 | 0.003 | +0.010 | 11 | EBl | R; el.: IBVS No. 4966 |
| | p | 53992.482 | 0.004 | 0.000 | 11 | EBl | R |
| | s | 54202.4550 | 0.0010 | +0.0011 | 11 | EBl | C |
| | p | 54202.5873 | 0.0002 | +0.0043 | 14 | EBl | C |
| V1073 Her | s | 53992.3194 | 0.0006 | +0.0083 | 10 | EBl | R; el.: IBVS No. 4975 |
| | p | 53992.4685 | 0.0010 | +0.0102 | 12 | EBl | R |
| | s | 54202.4408 | 0.0008 | +0.0137 | 12 | EBl | C |
| V1094 Her | p | 54202.5892 | 0.0015 | +0.0149 | 15 | EBl | C |
| | s | 54000.3477 | 0.0004 | +0.0019 | 16 | EBl | R; el.: IBVS No. 5306 |
| V1095 Her | s | 54210.5274 | 0.0005 | +0.0032 | 19 | EBl | C |
| | p | 54002.3187 | 0.0007 | -0.0094 | 24 | EBl | R; el.: IBVS No. 5306 |
| V1096 Her | p | 54210.4235 | 0.0007 | -0.0104 | 16 | EBl | C |
| | s | 54002.3346 | 0.0010 | +0.0047 | 14 | EBl | R; el.: IBVS No. 5306 |
| V1097 Her | s | 54210.446 | 0.003 | +0.016 | 12 | EBl | C |
| | p | 54002.4182 | 0.0010 | -0.0010 | 18 | EBl | R; el.: IBVS No. 5306 |
| V1101 Her | s | 54210.4505 | 0.0002 | +0.0029 | 13 | EBl | C |
| | s | 54000.277 | 0.004 | +0.004 | 12 | EBl | R; el.: IBVS No. 5333 |
| V1102 Her | p | 54217.4343 | 0.0005 | +0.0042 | 14 | EBl | C |
| | p | 53941.434 | 0.002 | +0.006 | 11 | EBl | R; el.: IBVS No. 5333 |
| V1103 Her | p | 54217.3736 | 0.0008 | +0.0045 | 9 | EBl | C |
| | p | 54000.3242 | 0.0003 | -0.0010 | 17 | EBl | R; el.: IBVS No. 5333 |
| | p | 54217.3771 | 0.0009 | -0.0061 | 11 | EBl | C |
| V1104 Her | s | 54217.5251 | 0.0008 | -0.0038 | 12 | EBl | C |
| | p | 54000.3333 | 0.0006 | -0.0005 | 19 | EBl | R; el.: IBVS No. 5333 |
| | s | 54217.3833 | 0.0006 | -0.0029 | 7 | EBl | C |
| GSC963-246 Her | p | 54217.4962 | 0.0011 | -0.0039 | 15 | EBl | C |
| | s | 53858.4941 | 0.0003 | 0.0000 | 21 | EBl | R; el.: IBVS No. 5799 |
| | s | 53877.386 | 0.004 | +0.003 | 8 | EBl | R |
| | p | 53894.5374 | 0.0008 | -0.0003 | 18 | EBl | R |
| | p | 53896.4629 | 0.0013 | -0.0023 | 15 | EBl | R |
| | p | 53898.3971 | 0.0011 | +0.0045 | 13 | EBl | R |
| | s | 53898.5831 | 0.0016 | -0.0023 | 14 | EBl | R |
| | s | 53900.5100 | 0.0006 | -0.0029 | 23 | EBl | R |
| GSC1518-913 Her | p | 53906.4903 | 0.0007 | +0.0023 | 24 | EBl | R |
| | s | 53910.5352 | 0.0007 | -0.0005 | 12 | EBl | R |
| | p | 53858.4569 | 0.0018 | +0.0019 | 18 | EBl | R; el.: IBVS No. 5799 |
| | p | 53877.4043 | 0.0017 | +0.0011 | 9 | EBl | R |
| | s | 53894.583 | 0.003 | -0.002 | 8 | EBl | R |
| | s | 53896.5096 | 0.0008 | -0.0024 | 22 | EBl | R |
| | s | 53898.4382 | 0.0009 | -0.0007 | 17 | EBl | R |
| | p | 53900.5267 | 0.0007 | +0.0003 | 24 | EBl | R |
| GSC2587-289 Her | s | 53906.4678 | 0.0006 | 0.0000 | 16 | EBl | R |
| | p | 53910.4837 | 0.0004 | +0.0015 | 15 | EBl | R |
| | s | 53858.4640 | 0.0008 | +0.0039 | 22 | EBl | R; el.: IBVS No. 5799 |
| | p | 53877.5007 | 0.0013 | -0.0023 | 11 | EBl | R |
| | s | 53894.5214 | 0.0010 | -0.0023 | 15 | EBl | R |
| | p | 53896.383 | 0.003 | +0.006 | 7 | EBl | R |
| | s | 53896.5437 | 0.0008 | -0.0023 | 22 | EBl | R |
| | p | 53898.3969 | 0.0008 | -0.0028 | 15 | EBl | R |
| GSC2587-1888 Her | s | 53898.5664 | 0.0008 | -0.0018 | 16 | EBl | R |
| | p | 53900.4244 | 0.0009 | +0.0024 | 18 | EBl | R |
| | p | 53906.4910 | 0.0006 | +0.0023 | 17 | EBl | R |
| | p | 53910.5309 | 0.0011 | -0.0023 | 13 | EBl | R |
| | p | 53858.5169 | 0.0006 | +0.0018 | 17 | EBl | R; el.: IBVS No. 5799 |
| | p | 53877.4660 | 0.0009 | -0.0034 | 11 | EBl | R |
| | p | 53894.5642 | 0.0015 | +0.0049 | 17 | EBl | R |
| | p | 53896.4236 | 0.0019 | -0.0001 | 10 | EBl | R |
| | s | 53898.4438 | 0.0011 | +0.0004 | 25 | EBl | R |
| | p | 53900.4655 | 0.0010 | +0.0024 | 19 | EBl | R |
| | s | 53906.5196 | 0.0012 | -0.0027 | 14 | EBl | R |
| | p | 53910.4047 | 0.0018 | +0.0017 | 13 | EBl | R |

| Variable | Type | HJD 24. . . | \pm | $O - C$ | n | Obs | Remarks |
|------------------|------------|-------------|---------|---------|-----|-----|--|
| GSC2614-1369 Her | p | 53988.4691 | 0.0006 | +0.0009 | 17 | EB1 | R; el.: IBVS No. 5516 |
| | p | 54217.4103 | 0.0005 | -0.0001 | 14 | EB1 | C |
| GSC2615-1821 Her | s | 53988.3813 | 0.0008 | -0.0009 | 22 | EB1 | R; el.: IBVS No. 5516 |
| | p | 54217.4371 | 0.0006 | +0.0029 | 17 | EB1 | C |
| GSC2618-1385 Her | p | 53988.3350 | 0.0003 | -0.0056 | 21 | EB1 | R; el.: IBVS No. 5516 |
| | s | 54217.4258 | 0.0004 | -0.0056 | 16 | EB1 | C |
| GSC3097-1297 Her | s | 53941.360 | 0.004 | +0.002 | 10 | EB1 | R; el.: IBVS No. 5564 |
| GSC3101-547 Her | s | 53941.3920 | 0.0010 | +0.0038 | 12 | EB1 | R; el.: IBVS No. 5564 |
| GSC3106-1368 Her | s | 53941.435 | 0.003 | -0.061 | 14 | EB1 | R; el.: IBVS No. 5564 |
| GSC3510-5 Her | s | 53984.4057 | 0.0012 | +0.0132 | 20 | EB1 | R; el.: IBVS No. 5564 |
| GSC3510-1283 Her | p | 53988.3923 | 0.0013 | -0.0065 | 17 | EB1 | R; el.: IBVS No. 5516; pulsator? |
| | s | 54217.335 | 0.003 | -0.007 | 8 | EB1 | C |
| | p | 54217.4758 | 0.0014 | -0.0053 | 11 | EB1 | C |
| GSC3532-553 Her | s | 53984.3035 | 0.0010 | +0.0034 | 9 | EB1 | R; el.: IBVS No. 5699 |
| | p | 53984.4578 | 0.0006 | -0.0010 | 16 | EB1 | R |
| NSV10870 Her | s | 53918.4067 | 0.0021 | -0.0065 | 19 | RD | V; el.: IBVS, No. 5630 |
| TZ Lac | p | 53946.5332 | 0.0007 | +0.3197 | 16 | RD | V |
| CO Lac | s | 54096.2892 | 0.0004 | +0.0055 | 29 | RD | V; eccentric orbit |
| MZ Lac | p | 53941.567 | 0.002 | -0.003 | 11 | RD | V; el.: JAAVSO 19, 12; eccentric orbit |
| | s | 53946.4775 | 0.0004 | +0.1684 | 34 | RD | V |
| | p | 54096.3501 | 0.0003 | -0.0029 | 10 | RD | V |
| NW Lac | p | 53946.3998 | 0.0006 | -0.1058 | 19 | RD | V; d=0.03 days |
| EW Lyr | p | 53918.4628 | 0.0002 | +0.2332 | 31 | RD | V |
| V336 Lyr | p | 53933.4464 | 0.0012 | -0.0053 | 27 | RD | V |
| V400 Lyr | p | 54018.3454 | 0.0004 | -0.0306 | 11 | EB1 | R; el.: IBVS No. 4995 |
| V574 Lyr | s | 54018.3694 | 0.0009 | -0.0036 | 15 | EB1 | R; el.: IBVS No. 4976 |
| V579 Lyr | s | 54018.3642 | 0.0009 | -0.0090 | 15 | EB1 | R; el.: IBVS No. 4982 |
| V580 Lyr | p | 54018.332 | 0.003 | -0.016 | 14 | EB1 | R; el.: IBVS No. 4982 |
| V582 Lyr | p | 54018.2872 | 0.0019 | +0.0326 | 10 | EB1 | R; el.: IBVS No. 4985 |
| | s | 54018.4202 | 0.0020 | +0.0377 | 9 | EB1 | R |
| V591 Lyr | s | 54014.3130 | 0.0011 | -0.0024 | 15 | EB1 | R; el.: IBVS No. 5232 |
| V592 Lyr | s | 54017.2705 | 0.0008 | +0.0073 | 15 | EB1 | R; el.: IBVS No. 5232 |
| V596 Lyr | s | 54017.2704 | 0.0005 | +0.0075 | 15 | EB1 | R; el.: IBVS No. 5232 |
| GSC3108-57 Lyr | s | 54018.2698 | 0.0010 | -0.0031 | 12 | EB1 | R; el.: IBVS No. 5525 |
| | p | 54018.4562 | 0.0006 | -0.0009 | 11 | EB1 | R |
| GSC3109-859 Lyr | p | 54014.3153 | 0.0003 | -0.0027 | 21 | EB1 | R; el.: IBVS No. 5525 |
| GSC3526-1995 Lyr | p | 54014.3175 | 0.0013 | -0.0133 | 15 | EB1 | R; el.: IBVS No. 5525 |
| GSC3526-2369 Lyr | s | 54017.3537 | 0.0005 | +0.0183 | 17 | EB1 | R; el.: IBVS No. 5525 |
| AL Oph | p | 53933.4090 | 0.0013 | -0.0324 | 13 | RD | V; el.: IBVS, No. 4452 |
| FH Ori | p | 54097.4627 | 0.0003 | -0.3295 | 28 | RD | V |
| FT Ori | s | 54097.4483 | 0.0005 | +0.6106 | 21 | RD | V; eccentric orbit |
| V1202 Ori | p | 54097.4807 | 0.0002 | -0.0297 | 32 | RD | V; el.: IBVS No. 3544 |
| GSC107-596 Ori | p | 54066.4295 | 0.0003 | -0.0007 | 18 | EB1 | el.: IBVS No. 5799 |
| | s | 54066.5655 | 0.0008 | +0.0021 | 18 | EB1 | |
| | s | 54083.3477 | 0.0014 | +0.0043 | 13 | EB1 | R |
| | p | 54083.4719 | 0.0010 | -0.0047 | 14 | EB1 | R |
| | s | 54083.6122 | 0.0010 | +0.0025 | 15 | EB1 | R |
| | p | 54085.3375 | 0.0006 | -0.0035 | 14 | EB1 | R |
| | s | 54085.4762 | 0.0011 | +0.0020 | 13 | EB1 | R |
| | p | 54085.6085 | 0.0012 | +0.0011 | 15 | EB1 | R |
| | p | 54090.4017 | 0.0006 | 0.0000 | 14 | EB1 | R |
| | s | 54090.5353 | 0.0003 | +0.0005 | 15 | EB1 | R |
| | p | 54097.3229 | 0.0008 | -0.0039 | 12 | EB1 | R |
| | s | 54097.4626 | 0.0011 | +0.0027 | 18 | EB1 | R |
| | p | 54097.5949 | 0.0015 | +0.0018 | 15 | EB1 | R |
| | s | 54114.2420 | 0.0016 | +0.0020 | 11 | EB1 | R |
| | p | 54114.3687 | 0.0006 | -0.0044 | 17 | EB1 | R |
| s | 54114.5041 | 0.0005 | -0.0022 | 10 | EB1 | R | |

| Variable | Type | HJD 24. . . | \pm | $O - C$ | n | Obs | Remarks | |
|------------------|----------------|-------------|------------|---------|---------|-----|--------------------------------|--------------------|
| GSC702-1892 Ori | p | 54066.3455 | 0.0009 | +0.0002 | 13 | EBI | el.: IBVS No. 5799 | |
| | s | 54066.4841 | 0.0004 | +0.0003 | 17 | EBI | | |
| | p | 54066.6197 | 0.0011 | -0.0026 | 12 | EBI | | |
| | s | 54083.3803 | 0.0005 | +0.0029 | 18 | EBI | R | |
| | p | 54083.5170 | 0.0003 | +0.0011 | 16 | EBI | R | |
| | s | 54083.6523 | 0.0012 | -0.0011 | 13 | EBI | R | |
| | s | 54085.3181 | 0.0004 | +0.0024 | 13 | EBI | R | |
| | p | 54085.4516 | 0.0008 | -0.0029 | 16 | EBI | R | |
| | s | 54085.5966 | 0.0010 | +0.0036 | 16 | EBI | R | |
| | s | 54090.3000 | 0.0009 | -0.0011 | 14 | EBI | R | |
| | p | 54090.4428 | 0.0006 | +0.0033 | 16 | EBI | R | |
| | s | 54090.5764 | 0.0008 | -0.0016 | 19 | EBI | R | |
| | p | 54097.3646 | 0.0005 | +0.0014 | 13 | EBI | R | |
| | s | 54097.4984 | 0.0015 | -0.0032 | 16 | EBI | R | |
| | p | 54114.2573 | 0.0004 | +0.0005 | 14 | EBI | R | |
| | s | 54114.3927 | 0.0011 | -0.0026 | 13 | EBI | R | |
| GSC706-845 Ori | p | 54066.4689 | 0.0013 | +0.0019 | 20 | EBI | el.: IBVS No. 5799 | |
| | s | 54083.4375 | 0.0011 | +0.0033 | 15 | EBI | R | |
| | p | 54083.6050 | 0.0011 | -0.0006 | 22 | EBI | R | |
| | p | 54085.3187 | 0.0006 | -0.0007 | 16 | EBI | R | |
| | s | 54085.4945 | 0.0009 | +0.0037 | 15 | EBI | R | |
| | s | 54090.306 | 0.002 | +0.016 | 10 | EBI | R | |
| | p | 54090.4555 | 0.0011 | -0.0055 | 18 | EBI | R | |
| | s | 54090.6329 | 0.0010 | +0.0005 | 12 | EBI | R | |
| | p | 54097.3261 | 0.0014 | +0.0097 | 16 | EBI | R | |
| | s | 54097.4906 | 0.0011 | +0.0028 | 18 | EBI | R | |
| | s | 54114.2786 | 0.0013 | -0.0050 | 19 | EBI | R | |
| | p | 54114.4545 | 0.0010 | -0.0005 | 15 | EBI | R | |
| | GSC1283-53 Ori | s | 54066.3849 | 0.0008 | -0.0014 | 22 | EBI | el.: IBVS No. 5799 |
| | | p | 54066.5781 | 0.0002 | +0.0003 | 23 | EBI | R |
| p | | 54083.4277 | 0.0009 | -0.0023 | 20 | EBI | R | |
| s | | 54083.6169 | 0.0012 | -0.0046 | 19 | EBI | R | |
| p | | 54085.3511 | 0.0010 | +0.0061 | 17 | EBI | R | |
| s | | 54085.5383 | 0.0006 | +0.0018 | 14 | EBI | R | |
| p | | 54090.3238 | 0.0009 | -0.0002 | 17 | EBI | R | |
| s | | 54090.5181 | 0.0006 | +0.0026 | 24 | EBI | R | |
| s | | 54097.4085 | 0.0002 | -0.0011 | 19 | EBI | R | |
| p | | 54097.5996 | 0.0004 | -0.0015 | 18 | EBI | R | |
| s | | 54114.2636 | 0.0004 | +0.0018 | 18 | EBI | R | |
| p | | 54114.4514 | 0.0005 | -0.0019 | 18 | EBI | R | |
| FF Sge | p | 53934.4540 | 0.0006 | +0.0355 | 27 | RD | V | |
| FL Sge | p | 53918.4879 | 0.0006 | +0.1051 | 26 | RD | V | |
| GO Sge | p | 53933.4194 | 0.0012 | +0.0024 | 22 | RD | V; el.: 2451426.88 + 3.401 * E | |
| V384 Ser | p | 54197.3869 | 0.0009 | +0.0038 | 10 | EBI | C; el.: IBVS No. 5295 | |
| GSC1830-1432 Tau | p | 54130.2911 | 0.0010 | +0.0069 | 16 | EBI | C; el.: IBVS No. 5699 | |
| | s | 54130.4169 | 0.0011 | -0.0032 | 21 | EBI | C | |
| GSC1848-1264 Tau | s | 54130.3697 | 0.0005 | -0.0016 | 15 | EBI | C; el.: IBVS No. 5699 | |
| UX UMa | p | 54200.4268 | 0.0007 | +0.0031 | 9 | RD | V | |
| AA UMa | s | 54173.3929 | 0.0005 | +0.0360 | 28 | RD | V | |
| IW UMa | p | 54200.3845 | 0.0003 | +0.0120 | 25 | RD | V | |

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Reference:

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