

January

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| Xi Tau | 03:27.2 | +09:44 | SAO 111195 |
| Espin 878 | 03:58.9 | +51:30 | SAO 024326 |
| Struve 479 | 04:00.9 | +23:12 | SAO 076388 |
| Struve 476 | 04:01.6 | +38:40 | SAO 056902 |
| Otto Struve 70 | 04:01.8 | +10:00 | SAO 111566 |
| Struve 495 | 04:07.7 | +15:10 | SAO 093775 |
| Struve 485 | 04:07.8 | +62:20 | SAO 013030 |
| Otto Struve 72 | 04:08.0 | +17:20 | SAO 093777 |
| Struve 510 | 04:12.2 | +00:44 | SAO 111659 |
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| Struve 523 | 04:19.8 | +23:44 | SAO 076552 |
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| 62 Tau | 04:24.0 | +24:18 | SAO 076541 |
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| Kappa/67 Tau | 04:25.4 | +22:18 | SAO 076601 |
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| Struve 571 | 04:36.0 | -03:37 | SAO 131344 |
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| Struve 631 | 05:00.7 | -13:30 | SAO 150076 |
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| Struve 638 | 05:14.3 | +69:49 | SAO 013412 |
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| Tau Ori | 05:17.6 | -06:51 | SAO 131952 |
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| Eta Ori | 05:24.5 | -02:24 | SAO 132071 |
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| Delta Ori | 05:32.0 | -00:18 | SAO 132220 |
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| Iota Ori | 05:35.4 | -05:55 | SAO 132323 |
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| Zeta Ori | 05:40.7 | -01:57 | SAO 132444 |
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| Gamma Lep | 05:44.5 | -22:27 | SAO 170759 |
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| Struve 811 | 05:54.2 | +30:29 | SAO 058556 |
| Struve 816 | 05:54.9 | +05:52 | SAO 113267 |
| 59 Ori | 05:58.4 | +01:50 | SAO 113315 |
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February

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| 41 Aur | 06:11.6 | +48:43 | SAO 040925 |
| Struve 872 | 06:15.6 | +36:09 | SAO 058904 |
| Epsilon Mon | 06:23.8 | +04:36 | SAO 113810 |
| 5 Lyn | 06:26.8 | +58:25 | SAO 025733 |
| 15 Gem | 06:27.8 | +20:47 | SAO 078394 |
| Beta Mon | 06:28.8 | -07:02 | SAO 133317 |
| 20 Gem | 06:32.3 | +17:47 | SAO 095795 |
| Otto Struve 147 | 06:34.3 | +38:05 | SAO 059230 |
| Struve 929 | 06:35.3 | +37:43 | SAO 059259 |
| Nu-1 CMa | 06:36.4 | -18:40 | SAO 151693 |
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| 12 Lyn | 06:46.2 | +59:27 | SAO 025939 |
| 56 Aur | 06:46.7 | +43:35 | SAO 041330 |
| Struve 968 | 06:52.9 | +52:41 | SAO 026016 |
| 38 Gem | 06:54.6 | +13:11 | SAO 096265 |
| 17 CMa | 06:55.0 | -20:24 | SAO 172569 |
| Pi CMa | 06:55.6 | -20:08 | SAO 172579 |
| Mu CMa | 06:56.1 | -14:03 | SAO 152124 |
| Struve 1025 | 07:12.8 | +55:48 | SAO 026215 |
| h3945 | 07:16.6 | -23:19 | SAO 173349 |
| Lambda Gem | 07:18.1 | +16:32 | SAO 096746 |
| Tau CMa | 07:18.7 | -24:57 | SAO 173446 |
| Delta Gem | 07:20.1 | +21:59 | SAO 079394 |
| 19 Lyn | 07:22.9 | +55:17 | SAO 026311 |
| Struve 1095 | 07:27.4 | +08:45 | SAO 115454 |
| Struve 1104 | 07:29.4 | -15:00 | SAO 152943 |
| Struve 1103 | 07:30.6 | +05:15 | SAO 115532 |
| Struve 1108 | 07:32.8 | +22:53 | SAO 079489 |
| Alpha Gem | 07:34.6 | +31:53 | SAO 060198 |
| k Pup | 07:38.8 | -26:48 | SAO 174198 |
| Kappa Gem | 07:44.4 | +24:24 | SAO 079653 |
| 5 Pup | 07:47.9 | -12:12 | SAO 153413 |
| Struve 1149 | 07:49.5 | +03:13 | SAO 115981 |
| 14 CMi | 07:58.3 | +02:13 | SAO 116182 |

March

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| Struve 1173 | 08:01.4 | +16:57 | SAO 097483 |
| Struve 1181 | 08:05.4 | +08:12 | SAO 116322 |
| h4046 | 08:05.7 | -33:34 | SAO 198791 |
| Struve 1187 | 08:09.5 | +32:13 | SAO 060604 |
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| Phi-2 Cnc | 08:26.8 | +26:56 | SAO 080188 |
| Struve 1245 | 08:35.8 | +06:37 | SAO 116929 |
| Struve 1270 | 08:45.3 | -02:36 | SAO 136242 |
| Iota-1 Cnc | 08:46.7 | +28:46 | SAO 080416 |
| Epsilon Hya | 08:46.8 | +06:25 | SAO 117112 |
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| 15 Hya | 08:51.6 | -07:11 | SAO 136345 |
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| 17 Hya | 08:55.5 | -07:58 | SAO 136408 |
| 66 Cnc3 | 09:01.4 | +32:15 | SAO 061202 |
| Theta Hya | 09:14.4 | +02:19 | SAO 117527 |
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| 38 Lyn | 09:18.8 | +36:48 | SAO 061391 |
| 27 Hya | 09:20.5 | -09:33 | SAO 136768 |
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| Struve 1357 | 09:28.3 | -09:59 | SAO 136883 |
| 3 Leo | 09:28.5 | +08:11 | SAO 117718 |
| Struve 1360 | 09:30.6 | +10:36 | SAO 098615 |
| Struve 1365 | 09:31.5 | +01:28 | SAO 117747 |
| 6 Leo | 09:32.0 | +09:43 | SAO 117751 |
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| Omicron Leo | 09:41.2 | +09:54 | SAO 098709 |

April

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| Struve 1402 | 10:04.9 | +55:29 | SAO 027506 |
| Struve 1405 | 10:05.9 | +39:35 | SAO 061855 |
| 31 Leo | 10:07.9 | +10:00 | SAO 098964 |
| Alpha Leo | 10:08.4 | +11:58 | SAO 098967 |
| h2520 | 10:09.2 | +21:47 | SAO 081206 |
| Struve 1417 | 10:15.1 | +19:07 | SAO 099023 |
| 39 Leo | 10:17.2 | +23:06 | SAO 081270 |
| Struve 1415 | 10:17.8 | +71:04 | SAO 007099 |
| Struve 1421 | 10:18.1 | +27:31 | SAO 081277 |
| Gamma Leo | 10:20.0 | +19:50 | SAO 081298 |
| Burnham 219 | 10:21.6 | -22:32 | SAO 178723 |
| Struve 1427 | 10:22.0 | +43:54 | SAO 043306 |
| Otto Struve 216 | 10:22.7 | +15:21 | SAO 099091 |
| h4311 | 10:23.3 | -13:23 | SAO 155947 |
| Struve 1432 | 10:27.0 | +29:41 | SAO 081347 |
| 45 Leo | 10:27.6 | +09:46 | SAO 099136 |
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| 33 LMi | 10:31.9 | +32:23 | SAO 062101 |
| Struve 1442 | 10:32.0 | +22:02 | SAO 081399 |
| Struve 1447 | 10:33.8 | +23:21 | SAO 081415 |
| 49 Leo | 10:35.0 | +08:39 | SAO 118380 |
| Struve 1456 | 10:38.3 | +01:15 | SAO 118406 |
| Struve 1459 | 10:40.2 | +38:24 | SAO 062190 |
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| 57 UMa | 11:29.1 | +39:20 | SAO 062572 |
| Jacob 16 | 11:29.6 | -24:28 | SAO 179935 |
| Struve 3072 | 11:30.9 | -06:43 | SAO 138243 |
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| 88 Leo | 11:31.7 | +14:22 | SAO 099647 |
| N Hya | 11:32.3 | -29:16 | SAO 179968 |
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May

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| Struve 1678 | 12:45.4 | +14:22 | SAO 100236 |
| 30 Com | 12:49.3 | +27:33 | SAO 082515 |
| Struve 1682 | 12:51.4 | -10:20 | SAO 157550 |
| Struve 1685 | 12:51.9 | +19:10 | SAO 100307 |
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| 35 Com | 12:53.3 | +21:15 | SAO 082550 |
| h4556 | 12:54.3 | -27:58 | |
| Struve 1689 | 12:55.5 | +11:30 | SAO 100337 |
| Alpha CVn | 12:56.0 | +38:19 | SAO 063257 |
| Struve 1695 | 12:56.3 | +54:06 | SAO 028572 |
| Struve 1690 | 12:56.3 | -04:52 | SAO 139049 |
| 44 Vir | 12:59.7 | -03:49 | SAO 139086 |
| Burnham 112 | 13:00.6 | +18:25 | SAO 100366 |
| h220 | 13:05.5 | +14:44 | SAO 100407 |
| h 2639 | 13:06.2 | +40:55 | SAO 044470 |
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| Struve 1723 | 13:08.2 | +38:44 | SAO 063362 |
| Struve 1722 | 13:08.4 | +15:29 | SAO 100432 |
| Theta Vir | 13:09.9 | -05:32 | SAO 139189 |
| 17 CVn | 13:10.1 | +38:30 | SAO 063374 |
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| Otto Struve 261 | 13:12.0 | +32:05 | SAO 063396 |
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| Zeta UMa | 13:23.9 | +54:56 | SAO 028737 |
| Otto Struve 266 | 13:28.4 | +15:43 | SAO 100583 |
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| HN 69 | 13:36.8 | -26:30 | SAO 181790 |
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| Struve 1764 | 13:37.7 | +02:23 | SAO 120043 |
| Struve 1769 | 13:38.0 | +39:11 | SAO 063656 |
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| 84 Vir | 13:43.1 | +03:32 | SAO 120082 |
| Struve 1775 | 13:43.5 | -04:16 | SAO 139507 |
| Struve 1782 | 13:45.1 | +18:22 | SAO 100688 |
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| Tau Boo | 13:47.3 | +17:27 | SAO 100706 |
| Struve 1785 | 13:49.1 | +26:59 | SAO 083011 |
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| Struve 1788 | 13:55.0 | -08:04 | SAO 139618 |
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| Struve 1812 | 14:12.4 | +28:43 | SAO 083219 |
| Struve 1831 | 14:16.1 | +56:43 | SAO 029074 |

June

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|-----------------|---------|--------|------------|
| Struve 1803 | 14:06.5 | +38:25 | SAO 063933 |
| Struve 1802 | 14:08.1 | -12:56 | SAO 158372 |
| Struve 1812 | 14:12.4 | +28:43 | SAO 083219 |
| Kappa Boo | 14:13.5 | +51:47 | SAO 029046 |
| Otto Struve 279 | 14:13.8 | +12:00 | SAO 100922 |
| Struve 1831 | 14:16.1 | +56:43 | SAO 029074 |
| Iota Boo | 14:16.2 | +51:22 | SAO 029071 |
| Struve 1825 | 14:16.5 | +20:07 | SAO 083259 |
| Struve 1833 | 14:22.6 | -07:46 | SAO 139897 |
| Struve 1835 | 14:23.4 | +08:27 | SAO 120426 |
| Phi Vir | 14:28.2 | -02:14 | SAO 139951 |
| Pi Boo | 14:40.8 | +16:25 | SAO 101138 |
| Epsilon Boo | 14:45.0 | +27:04 | SAO 083500 |
| 54 Hya | 14:46.0 | -25:27 | SAO 182855 |
| Struve 1889 | 14:49.5 | +51:22 | SAO 029296 |
| 39 Boo | 14:49.7 | +48:43 | SAO 045231 |
| Xi Boo | 14:51.4 | +19:06 | SAO 101250 |
| Struve 1910 | 15:07.6 | +09:14 | SAO 120851 |
| Struve 1927 | 15:11.8 | +61:51 | SAO 016636 |
| Struve 1919 | 15:12.7 | +19:17 | SAO 101437 |
| Delta Boo | 15:15.5 | +33:19 | SAO 064589 |
| Struve 1932 | 15:18.3 | +26:50 | SAO 083756 |
| 5 Ser | 15:19.3 | +01:46 | SAO 120946 |

| | | | |
|-----------------|---------|--------|------------|
| 6 Ser | 15:21.0 | +00:43 | SAO 120955 |
| Mu Boo | 15:24.5 | +37:23 | SAO 064686 |
| Pi-1 UMi | 15:29.2 | +80:27 | SAO 002556 |
| Struve 1950 | 15:30.0 | +25:31 | SAO 083852 |
| Struve 1964 | 15:38.2 | +36:15 | SAO 064821 |
| Zeta CrB | 15:39.4 | +36:38 | SAO 064834 |
| Otto Struve 300 | 15:40.2 | +12:03 | SAO 101673 |
| Delta Ser | 15:43.8 | +10:32 | SAO 101624 |
| Beta Ser | 15:46.2 | +15:25 | SAO 101725 |
| Struve 1973 | 15:46.4 | +36:27 | SAO 064893 |
| Struve 1984 | 15:51.2 | +52:54 | SAO 029691 |
| Otto Struve 302 | 15:54.9 | +34:22 | SAO 064970 |
| Struve 1985 | 15:55.9 | -02:10 | SAO 140842 |
| Struve 2054 | 16:23.8 | +61:42 | SAO 017073 |
| Eta Dra | 16:24.0 | +61:31 | SAO 017074 |
| 16/17 Dra | 16:36.2 | +52:55 | SAO 030012 |

July

| | | | |
|---------------|---------|--------|------------|
| Xi Sco | 16:04.4 | -11:22 | SAO 159666 |
| Struve 1999 | 16:04.4 | -11:27 | SAO 159668 |
| Beta Sco | 16:05.4 | -19:48 | SAO 159682 |
| Struve 2007 | 16:06.0 | +13:19 | SAO 101922 |
| Kappa Her | 16:08.1 | +17:03 | SAO 101952 |
| Nu Sco | 16:12.0 | -19:28 | SAO 159764 |
| 12 Sco | 16:12.3 | -28:25 | SAO 184217 |
| 49 Ser | 16:13.3 | +13:32 | SAO 102018 |
| Struve 2031 | 16:16.3 | -01:39 | SAO 141069 |
| Sigma Sco | 16:21.2 | -25:36 | SAO 184336 |
| Gamma Her | 16:21.9 | +19:09 | SAO 102107 |
| Eta Dra | 16:24.0 | +61:31 | SAO 017074 |
| Rho Oph | 16:25.6 | -23:27 | SAO 184381 |
| Alpha Sco | 16:29.4 | -26:26 | SAO 184217 |
| Lambda Oph | 16:30.9 | +01:59 | SAO 121658 |
| Struve 2063 | 16:31.8 | +45:36 | SAO 046146 |
| 16/17 Dra | 16:36.2 | +52:55 | SAO 030013 |
| Epsilon UMi | 16:46.0 | +82:02 | SAO 002770 |
| 56 Her | 16:55.0 | +25:44 | SAO 084692 |
| Struve 2120 | 17:04.8 | +28:05 | SAO 084810 |
| Mu Dra | 17:05.3 | +54:28 | SAO 030239 |
| h4926 | 17:14.5 | -39:46 | SAO 208569 |
| Alpha Her | 17:14.6 | +14:23 | SAO 102680 |
| Delta Her | 17:15.0 | +24:50 | SAO 084951 |
| 36 Oph | 17:15.3 | -26:36 | SAO 185198 |
| Omicron Oph | 17:18.0 | -24:17 | SAO 185238 |
| Burnham 126 | 17:19.9 | -17:45 | SAO 160462 |
| 53 Ser | 17:20.8 | -12:51 | SAO 160479 |
| Rho Her | 17:23.7 | +37:09 | SAO 066000 |
| Struve 2166 | 17:27.9 | +11:23 | SAO 102835 |
| Nu-1/Nu-2 Dra | 17:32.2 | +55:11 | SAO 030450 |
| 53 Oph | 17:34.6 | +09:35 | SAO 122525 |
| Psi Dra | 17:41.9 | +72:09 | SAO 008890 |
| 61 Oph | 17:44.6 | +02:35 | SAO 122690 |

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|-------------|---------|--------|------------|
| Struve 2204 | 17:46.4 | -13:18 | SAO 160809 |
| Mu Her | 17:46.5 | +27:43 | SAO 085397 |
| h4995 | 17:54.1 | -11:20 | SAO 160896 |
| h2814 | 17:56.3 | -15:49 | SAO 160916 |
| h5003 | 17:59.1 | -30:15 | SAO 209553 |
| Struve 2273 | 17:59.2 | +64:09 | SAO 017717 |

August

| | | | |
|-----------------|---------|--------|------------|
| 40/41 Dra | 18:00.2 | +80:00 | SAO 008996 |
| 67 Oph | 18:00.6 | +02:56 | SAO 123013 |
| 95 Her | 18:01.5 | +21:36 | SAO 085647 |
| 69 Oph | 18:03.1 | -08:11 | SAO 142050 |
| 70 Oph | 18:05.5 | +02:30 | SAO 123107 |
| Struve 2276 | 18:05.7 | +12:00 | SAO 103373 |
| 100 Her | 18:07.8 | +26:06 | SAO 085752 |
| Struve 2289 | 18:10.1 | +16:29 | SAO 103443 |
| Mu Sgr | 18:13.8 | -21:04 | SAO 186497 |
| Struve 2296 | 18:15.7 | -03:21 | SAO 142184 |
| Eta Sgr | 18:17.6 | -36:46 | SAO 209957 |
| Struve 2303 | 18:20.1 | -07:59 | SAO 142229 |
| 74 Oph | 18:20.9 | +03:23 | SAO 123377 |
| Struve 2306 | 18:22.2 | -15:05 | SAO 161390 |
| 39 Dra | 18:23.9 | +58:48 | SAO 030949 |
| 21 Sgr | 18:25.4 | -20:33 | SAO 186794 |
| 59 Ser | 18:27.2 | +00:12 | SAO 123497 |
| Struve 2348 | 18:33.9 | +52:21 | SAO 031051 |
| Struve 2349 | 18:36.6 | +33:28 | SAO 067164 |
| Struve 2372 | 18:42.1 | +34:45 | SAO 067265 |
| Delta Sct | 18:42.3 | -09:03 | SAO 142515 |
| Epsilon-1 Lyr | 18:44.3 | +39:40 | SAO 067309 |
| Epsilon-2 Lyr | 18:44.3 | +39:40 | SAO 067315 |
| Zeta-2 Lyr | 18:44.8 | +37:36 | SAO 067324 |
| Struve 2373 | 18:45.9 | -10:30 | SAO 161805 |
| 5 Aql | 18:46.5 | -00:58 | SAO 142606 |
| Beta Lyr | 18:50.1 | +33:22 | SAO 067451 |
| Struve 2404 | 18:50.8 | +10:59 | SAO 104170 |
| Struve 2411 | 18:52.3 | +14:32 | SAO 104204 |
| Otto Struve 525 | 18:54.9 | +33:58 | SAO 067566 |
| Theta Ser | 18:56.2 | +04:12 | SAO 124068 |
| 11 Aql | 18:59.1 | +13:38 | SAO 104308 |
| Struve 2426 | 19:00.0 | +12:53 | SAO 104332 |
| Zeta Sgr | 19:02.6 | -29:53 | SAO 187600 |
| Struve 2445 | 19:04.6 | +23:20 | SAO 086774 |
| 15 Aql | 19:05.0 | -04:02 | SAO 142996 |
| Struve 2449 | 19:06.4 | +07:09 | SAO 124264 |
| Struve 2455 | 19:06.9 | +22:10 | SAO 086821 |
| Struve 2457 | 19:07.1 | +22:35 | SAO 086828 |
| Struve 2470 | 19:08.8 | +34:46 | SAO 067867 |
| Struve 2474 | 19:09.1 | +34:36 | SAO 067875 |
| 23 Aql | 19:18.5 | +01:15 | SAO 124487 |
| 4 Vul | 19:25.5 | +19:48 | SAO 104818 |
| Struve 2521 | 19:26.5 | +19:53 | SAO 104839 |

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|-----------------|---------|--------|------------|
| Struve 2523 | 19:26.8 | +21:10 | SAO 087218 |
| HN 119 | 19:29.9 | -26:59 | SAO 188192 |
| Struve 2532 | 19:30.2 | +02:54 | SAO 124698 |
| Beta Cyg | 19:30.7 | +27:58 | SAO 087301 |
| Sigma Dra | 19:32.4 | +69:40 | SAO 018396 |
| Struve 2540 | 19:33.3 | +20:25 | SAO 087342 |
| 52 Sgr | 19:36.7 | -24:53 | SAO 188337 |
| Struve 2573 | 19:40.2 | +60:30 | SAO 018461 |
| 54 Sgr | 19:40.7 | -16:18 | SAO 162883 |
| 16 Cyg | 19:41.8 | +50:32 | SAO 031899 |
| Delta Cyg | 19:45.0 | +45:08 | SAO 048796 |
| 17 Cyg | 19:46.4 | +33:44 | SAO 068827 |
| Epsilon Dra | 19:48.2 | +70:16 | SAO 009540 |
| Struve 2586 | 19:48.6 | +24:58 | SAO 087748 |
| Pi Aql | 19:48.7 | +11:49 | SAO 105232 |
| Otto Struve 388 | 19:52.4 | +25:51 | SAO 087854 |
| Struve 2599 | 19:53.6 | +22:59 | SAO 087889 |
| 57 Aql | 19:54.6 | -08:14 | SAO 143898 |

September

| | | | |
|-----------------|---------|--------|------------|
| h1462 | 20:00.1 | +25:57 | SAO 088043 |
| Otto Struve 394 | 20:00.2 | +36:25 | SAO 069238 |
| 26 Cyg | 20:01.4 | +50:06 | SAO 049098 |
| 65 Dra | 20:02.3 | +64:38 | SAO 018669 |
| h1470 | 20:03.7 | +38:20 | SAO 069335 |
| h1471 | 20:04.6 | +32:13 | SAO 069362 |
| Struve 2640 | 20:04.7 | +63:53 | SAO 018692 |
| Kappa Cep | 20:08.9 | +77:43 | SAO 019826 |
| Xi Cap | 20:12.4 | -21:37 | SAO 163337 |
| Omicron Cyg | 20:13.6 | +46:44 | SAO 049337 |
| Struve 2653 | 20:13.7 | +24:14 | SAO 088377 |
| Struve 2655 | 20:14.1 | +22:13 | SAO 088384 |
| Struve 2657 | 20:14.4 | +42:06 | SAO 049335 |
| 29 Cyg | 20:14.5 | +36:49 | SAO 069678 |
| Burnham 441 | 20:17.5 | +29:09 | SAO 088473 |
| Alpha Cap | 20:17.6 | -12:30 | SAO 163422 |
| Sigma Cap | 20:19.4 | -19:07 | SAO 163445 |
| Struve 2665 | 20:19.4 | +14:22 | SAO 105957 |
| Nu Cap | 20:20.7 | -12:46 | SAO 163468 |
| Beta Cap | 20:21.0 | -14:47 | SAO 163481 |
| Struve 2673 | 20:22.7 | +13:20 | SAO 106038 |
| Struve 2679 | 20:24.4 | +19:35 | SAO 106259 |
| Pi Cap | 20:27.3 | -18:13 | SAO 163592 |
| Rho Cap | 20:28.9 | -17:49 | SAO 163614 |
| Omicron Cap | 20:29.9 | -18:35 | SAO 163626 |
| h2973 | 20:32.2 | -22:09 | SAO 189403 |
| h2975 | 20:33.5 | -22:14 | SAO 189425 |
| Struve 2699 | 20:36.9 | -12:44 | SAO 163730 |
| Kappa Del | 20:39.1 | +10:05 | SAO 126059 |
| 49 Cyg | 20:41.0 | +32:18 | SAO 070362 |
| Struve 2715 | 20:41.8 | +12:31 | SAO 106390 |
| Struve 2721 | 20:43.5 | +19:53 | SAO 106427 |

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|-----------------|---------|--------|------------|
| Struve 2718 | 20:43.6 | +12:44 | SAO 106409 |
| Struve 2722 | 20:43.6 | +19:44 | SAO 106430 |
| 52 Cyg | 20:45.6 | +30:43 | SAO 070467 |
| Struve 2725 | 20:46.2 | +15:54 | SAO 106457 |
| Gamma Del | 20:46.7 | +16:07 | SAO 106475 |
| h2995 | 20:47.4 | -18:37 | SAO 163877 |
| 13 Del | 20:47.8 | +06:00 | SAO 126222 |
| Struve 2730 | 20:51.1 | +06:23 | SAO 126289 |
| 16 Del | 20:55.6 | +12:34 | SAO 106666 |
| Struve 2735 | 20:55.7 | +04:32 | SAO 106373 |
| Struve 2736 | 20:56.7 | +13:00 | SAO 106684 |
| Struve 2738 | 20:58.5 | +16:26 | SAO 106719 |
| Epsilon Equ | 20:59.1 | +04:18 | SAO 126429 |
| 59 Cyg | 20:59.8 | +47:31 | SAO 050340 |
| 60 Cyg | 21:01.2 | +46:09 | SAO 050359 |
| Struve 2751 | 21:02.1 | +56:40 | SAO 033078 |
| Lambda Equ | 21:02.2 | +07:11 | SAO 126482 |
| 12 Aqr | 21:04.1 | -05:49 | SAO 145064 |
| 61 Cyg | 21:06.9 | +38:45 | SAO 070919 |
| 24 Cap | 21:07.1 | -25:00 | SAO 190025 |
| Struve 2762 | 21:08.6 | +30:12 | SAO 070968 |
| Struve 2769 | 21:10.5 | +22:27 | SAO 089504 |
| Struve 2765 | 21:11.0 | +09:33 | SAO 126601 |
| Struve 2786 | 21:19.7 | +09:31 | SAO 126707 |
| 1 Peg | 21:22.1 | +19:48 | SAO 107073 |
| Struve 2793 | 21:25.1 | +09:23 | SAO 126782 |
| Struve 2797 | 21:26.7 | +13:41 | SAO 107139 |
| Beta Cep | 21:28.7 | +70:34 | SAO 010057 |
| h1647 | 21:29.0 | +22:11 | SAO 089737 |
| Struve 2804 | 21:33.0 | +20:43 | SAO 089791 |
| Struve 3112 | 21:34.5 | +09:30 | |
| Epsilon Cap | 21:37.1 | -19:28 | SAO 164520 |
| Struve 2809 | 21:37.6 | -00:23 | SAO 145533 |
| 3 Peg | 21:37.7 | +06:37 | SAO 126940 |
| 4 Peg | 21:38.5 | +05:46 | SAO 126956 |
| Struve 2816 | 21:39.0 | +57:29 | SAO 033626 |
| Struve 2819 | 21:40.4 | +57:35 | SAO 033652 |
| 41 Cap | 21:42.0 | -23:16 | SAO 190559 |
| Kappa Peg | 21:44.6 | +25:39 | SAO 089949 |
| Struve 2836 | 21:49.1 | +66:48 | SAO 019665 |
| Otto Struve 451 | 21:51.0 | +61:37 | SAO 019677 |
| h947 | 21:51.6 | +19:50 | SAO 107445 |
| Struve 2840 | 21:52.0 | +55:48 | SAO 033819 |
| Struve 2841 | 21:54.3 | +19:43 | SAO 107491 |
| Struve 2838 | 21:54.6 | -03:18 | SAO 145735 |
| h3065 | 21:55.6 | -21:08 | SAO 190741 |
| Struve 2848 | 21:58.0 | +05:56 | SAO 127196 |
| Struve 2873 | 21:58.2 | +82:52 | SAO 003673 |

October

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|---------|---------|--------|------------|
| Eta PsA | 22:00.8 | -28:27 | SAO 190822 |
| 29 Aqr | 22:02.4 | -16:58 | SAO 164830 |

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|-----------------|---------|--------|------------|
| Otto Struve 459 | 22:02.9 | +39:34 | SAO 071981 |
| Xi Cep | 22:03.8 | +64:38 | SAO 019827 |
| Struve 2857 | 22:06.2 | +10:06 | SAO 127298 |
| h1735 | 22:09.3 | +44:51 | SAO 051698 |
| Struve 2883 | 22:10.5 | +70:08 | SAO 019922 |
| Struve 2876 | 22:12.0 | +37:39 | SAO 072119 |
| Otto Struve 465 | 22:12.0 | +50:12 | SAO 051749 |
| Struve 2893 | 22:12.9 | +73:18 | SAO 010284 |
| 41 Aqr | 22:14.3 | -21:04 | SAO 190986 |
| Struve 2877 | 22:14.3 | +17:11 | SAO 107756 |
| Struve 2886 | 22:14.7 | +49:21 | SAO 051799 |
| Struve 2894 | 22:18.9 | +37:46 | SAO 072228 |
| Struve 2903 | 22:21.8 | +66:42 | SAO 020034 |
| h1756 | 22:21.9 | +40:40 | SAO 051919 |
| Struve 2902 | 22:23.6 | +45:21 | SAO 051957 |
| 51 Aqr | 22:24.1 | -04:50 | SAO 146067 |
| 53 Aqr | 22:26.6 | -16:45 | SAO 165078 |
| 34 Peg | 22:26.6 | +04:24 | SAO 127529 |
| Struve 2906 | 22:26.8 | +37:27 | SAO 072344 |
| Struve 2908 | 22:28.2 | +17:16 | SAO 107941 |
| Krueger 60 | 22:28.4 | +57:40 | SAO 034489 |
| Zeta Aqr | 22:28.8 | -00:01 | SAO 146107 |
| Delta Cep | 22:29.2 | +58:25 | SAO 034508 |
| Struve 2913 | 22:30.5 | -08:07 | SAO 146130 |
| Beta PsA | 22:31.5 | -32:21 | SAO 213883 |
| Struve 2923 | 22:33.2 | +70:22 | SAO 010418 |
| 8 Lac | 22:35.9 | +39:38 | SAO 072508 |
| Dunlop 241 | 22:36.6 | -31:40 | SAO 213948 |
| Otto Struve 475 | 22:39.1 | +37:23 | SAO 072569 |
| h5356 | 22:39.8 | -28:20 | SAO 191309 |
| Struve 2935 | 22:43.1 | -08:19 | SAO 146271 |
| 13 Lac | 22:44.1 | +41:49 | SAO 052317 |
| Xi Peg | 22:46.7 | +12:10 | SAO 108165 |
| Otto Struve 482 | 22:47.5 | +83:09 | SAO 003794 |
| Tau-1 Aqr | 22:47.7 | -14:03 | SAO 165298 |
| Struve 2944 | 22:47.8 | -04:14 | SAO 146315 |
| Struve 2947 | 22:49.0 | +68:34 | SAO 020259 |
| Struve 2948 | 22:49.6 | +66:33 | SAO 020267 |
| Struve 2950 | 22:51.4 | +61:42 | SAO 020281 |
| Gamma PsA | 22:52.5 | -32:53 | SAO 214153 |
| h1828 | 22:53.7 | +44:45 | SAO 052465 |
| Delta PsA | 22:55.9 | -32:32 | SAO 214189 |
| 16 Lac | 22:56.4 | +41:36 | SAO 052512 |
| Struve 2958 | 22:56.9 | +11:51 | SAO 108275 |
| h5371 | 22:57.8 | -26:06 | SAO 191529 |
| h5417 | 22:57.8 | -26:15 | SAO 192116 |
| Otto Struve 485 | 23:02.7 | +55:14 | SAO 035092 |
| Struve 2973 | 23:02.8 | +44:04 | SAO 052626 |
| Struve 2984 | 23:07.4 | +70:40 | SAO 010623 |
| Struve 2978 | 23:07.5 | +32:50 | SAO 073011 |
| 57 Peg | 23:09.5 | +08:41 | SAO 128001 |
| Struve 2985 | 23:10.0 | +47:58 | SAO 052753 |

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|-----------------|---------|--------|------------|
| Struve 2988 | 23:12.0 | -11:56 | SAO 165551 |
| Struve 2992 | 23:13.1 | +40:00 | SAO 073090 |
| Struve 2991 | 23:13.4 | +11:04 | SAO 108463 |
| h1859 | 23:14.4 | +29:46 | SAO 091111 |
| Psi-1 Aqr | 23:15.9 | -9:05 | SAO 146598 |
| Omicron Cep | 23:18.6 | +68:07 | SAO 020554 |
| 94 Aqr | 23:19.1 | -13:28 | SAO 165624 |
| 96 Aqr | 23:19.4 | -05:07 | SAO 146639 |
| Struve 3004 | 23:20.7 | +44:07 | SAO 052927 |
| h3184 | 23:20.9 | -18:33 | SAO 165629 |
| Struve 3007 | 23:22.7 | +20:34 | SAO 091222 |
| Struve 3009 | 23:24.3 | +03:43 | SAO 128160 |
| Struve 3019 | 23:30.7 | +05:15 | SAO 128216 |
| Struve 3021 | 23:31.4 | +16:13 | SAO 108659 |
| Struve 3028 | 23:38.6 | +35:02 | SAO 073398 |
| Otto Struve 502 | 23:39.9 | +63:44 | SAO 020756 |
| Otto Struve 501 | 23:40.0 | +37:39 | SAO 073422 |
| Otto Struve 504 | 23:42.5 | +18:40 | SAO 108780 |
| Omega-2 Aqr | 23:42.7 | -14:33 | SAO 165842 |
| Struve 3033 | 23:43.9 | +07:15 | SAO 128351 |
| Struve 3034 | 23:44.5 | +46:23 | SAO 053332 |
| 107 Aqr | 23:46.0 | -18:41 | SAO 165867 |
| Struve 3037 | 23:46.1 | +60:28 | SAO 020832 |
| 6 Cas | 23:48.8 | +62:13 | SAO 020869 |
| Delta Scl | 23:48.9 | -28:08 | SAO 192167 |
| Struve 3044 | 23:53.0 | +11:55 | SAO 108882 |
| h5429 | 23:53.7 | -29:24 | SAO 192224 |
| Otto Struve 512 | 23:57.3 | +61:02 | SAO 020954 |
| Otto Struve 513 | 23:58.4 | +35:01 | SAO 073640 |
| Sigma Cas | 23:59.0 | +55:45 | SAO 035947 |
| Struve 3050 | 23:59.5 | +33:43 | SAO 073656 |

November

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|-----------------|---------|--------|------------|
| h5440 | 00:02.3 | -27:08 | |
| Struve 3053 | 00:02.6 | +66:06 | SAO 010937 |
| Otto Struve 514 | 00:04.6 | +42:06 | SAO 053316 |
| Struve 3057 | 00:04.9 | +58:32 | SAO 021062 |
| Alpha And | 00:08.4 | +29:05 | SAO 073765 |
| Kappa-1 Scl | 00:09.4 | -27:59 | SAO 166083 |
| Struve 3 | 00:10.0 | +46:23 | SAO 036118 |
| 34 Psc | 00:10.0 | +11:09 | SAO 091750 |
| Struve 8 | 00:11.6 | -03:05 | SAO 128631 |
| 35 Psc | 00:15.0 | +08:49 | SAO 109087 |
| Struve 15 | 00:15.9 | -05:36 | SAO 128668 |
| h1947 | 00:16.4 | +43:36 | SAO 036221 |
| Struve 19 | 00:16.7 | +36:38 | SAO 053772 |
| Struve 16 | 00:16.7 | +54:39 | SAO 021263 |
| 38 Psc | 00:17.4 | +08:53 | SAO 109111 |
| Struve 24 | 00:18.5 | +26:08 | SAO 073883 |
| h1949 | 00:18.5 | -27:57 | SAO 166177 |
| 26 And | 00:18.7 | +34:47 | SAO 036256 |
| Pi And | 00:18.7 | +33:43 | SAO 054033 |

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|----------------|---------|--------|------------|
| 42 Psc | 00:22.4 | +13:29 | SAO 091866 |
| Struve 30 | 00:27.2 | +49:59 | SAO 011206 |
| 49 Psc | 00:30.8 | +16:02 | SAO 091934 |
| 51 Psc | 00:32.4 | +06:57 | SAO 109262 |
| h3442 | 00:32.7 | -25:22 | SAO 166344 |
| Struve 40 | 00:35.2 | +36:50 | SAO 053999 |
| h3379 | 00:36.7 | -27:25 | SAO 166410 |
| Otto Struve 16 | 00:39.2 | +49:21 | SAO 036550 |
| Delta And | 00:39.3 | +30:52 | SAO 054058 |
| Beta And | 00:39.3 | +30:52 | SAO 054058 |
| 55 Psc | 00:39.9 | +21:26 | SAO 074182 |
| Struve 47 | 00:40.3 | +24:03 | SAO 074184 |
| Alpha Cas | 00:40.5 | +56:32 | SAO 121609 |
| Struve 59 | 00:48.0 | +51:27 | SAO 021716 |
| Eta Cas | 00:49.1 | +57:49 | SAO 021732 |
| 65 Psc | 00:49.9 | +27:43 | SAO 074295 |
| BU 1 | 00:52.8 | +56:38 | |
| Struve 70 | 00:53.8 | +52:42 | SAO 021814 |
| Eta And | 00:57.2 | +23:25 | SAO 074388 |
| Struve 79 | 01:00.1 | +44:43 | SAO 036833 |
| Psi Psc | 01:05.7 | +21:28 | SAO 074483 |
| Otto Struve 22 | 01:07.1 | +11:33 | SAO 092255 |
| Otto Struve 23 | 01:10.1 | +51:45 | SAO 022050 |
| Struve 98 | 01:12.9 | +32:05 | SAO 054513 |
| Otto Struve 26 | 01:13.0 | +30:04 | SAO 074561 |
| Phi Psc | 01:13.7 | +24:35 | SAO 074571 |
| Zeta Psc | 01:13.7 | +07:35 | SAO 109739 |
| h636 | 01:14.3 | +30:33 | SAO 054541 |
| Struve 108 | 01:18.8 | +37:27 | SAO 054592 |
| Otto Struve 30 | 01:25.6 | +31:33 | SAO 092255 |
| Struve 122 | 01:26.9 | +03:32 | SAO 109895 |
| Struve 132 | 01:32.0 | +16:57 | SAO 092492 |
| Otto Struve 31 | 01:33.3 | +08:13 | SAO 109964 |
| 100 Psc | 01:34.9 | +12:34 | SAO 092522 |
| Tau Scl | 01:36.1 | -29:54 | SAO 193201 |
| Struve 143 | 01:40.4 | +34:20 | SAO 054892 |
| Struve 145 | 01:41.3 | +25:45 | SAO 074870 |
| h1088 | 01:42.3 | +58:38 | SAO 022520 |
| 107 Psc | 01:42.5 | +20:16 | SAO 074883 |
| Epsilon Scl | 01:45.6 | -25:03 | SAO 167275 |
| h644 | 01:48.7 | +07:41 | SAO 110142 |
| 1 Ari | 01:50.1 | +22:17 | SAO 074966 |
| Struve 163 | 01:51.3 | +64:51 | SAO 012006 |
| Struve 178 | 01:52.0 | +10:49 | SAO 092669 |
| Struve 179 | 01:53.2 | +37:19 | SAO 055058 |
| Gamma Ari | 01:53.5 | +19:18 | SAO 092680 |
| Struve 183 | 01:55.1 | +28:47 | SAO 075020 |
| Struve 170 | 01:55.4 | +76:13 | SAO 004512 |
| Struve 182 | 01:56.4 | +61:17 | SAO 012046 |
| Lambda Ari | 01:57.9 | +23:26 | SAO 075051 |
| South 404 | 01:58.1 | +41:23 | SAO 037658 |

December

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|----------------|---------|--------|------------|
| h3478 | 02:02.7 | -30:19 | SAO 193470 |
| Epsilon Tri | 02:03.0 | +33:17 | SAO 055218 |
| Struve 191 | 02:03.2 | +73:51 | SAO 004559 |
| 61 Cet | 02:03.8 | -00:20 | SAO 129667 |
| Gamma And | 02:03.9 | +42:20 | SAO 037734 |
| Struve 218 | 02:08.7 | -00:26 | SAO 129718 |
| Struve 219 | 02:10.3 | +33:22 | SAO 055321 |
| 59 And | 02:10.9 | +39:02 | SAO 055330 |
| Iota Tri | 02:12.4 | +30:18 | SAO 055347 |
| Struve 232 | 02:14.7 | +30:24 | SAO 055384 |
| Struve 239 | 02:17.4 | +28:45 | SAO 075265 |
| Struve 245 | 02:18.6 | +40:17 | SAO 037940 |
| Struve 246 | 02:18.7 | +34:29 | SAO 055446 |
| 10 Tri | 02:19.0 | +28:39 | SAO 075276 |
| Omicron Cet | 02:19.3 | -02:59 | SAO 129825 |
| Struve 269 | 02:28.2 | +29:52 | SAO 075383 |
| Iota Cas | 02:29.1 | +67:24 | SAO 012298 |
| Struve 268 | 02:29.4 | +55:32 | SAO 023369 |
| Struve 263 | 02:29.6 | +60:39 | SAO 012303 |
| h3504 | 02:30.4 | -30:21 | SAO 193743 |
| Struve 270 | 02:30.8 | +55:33 | SAO 023389 |
| Struve 274 | 02:31.5 | +01:06 | SAO 110591 |
| h653 | 02:33.6 | +31:25 | SAO 055658 |
| Omega For | 02:33.8 | -28:14 | SAO 167882 |
| 15 Tri | 02:35.8 | +34:41 | SAO 055687 |
| Nu Cet | 02:35.9 | +05:36 | SAO 110635 |
| h3511 | 02:36.0 | -21:24 | SAO 167903 |
| Struve 285 | 02:38.8 | +33:25 | SAO 055748 |
| Struve 286 | 02:39.8 | +33:57 | SAO 055761 |
| Struve 283 | 02:40.5 | +61:29 | SAO 012380 |
| Struve 284 | 02:40.7 | +61:17 | SAO 012383 |
| 84 Cet | 02:41.2 | -00:42 | SAO 130055 |
| h1123 | 02:42.0 | +42:48 | SAO 038244 |
| Otto Struve 44 | 02:42.2 | +42:42 | SAO 038254 |
| h2155 | 02:42.8 | +42:49 | SAO 038271 |
| h3524 | 02:43.0 | -20:17 | SAO 167195 |
| h3527 | 02:43.3 | -40:32 | SAO 216019 |
| Struve 297 | 02:45.4 | +56:34 | SAO 023588 |
| Struve 301 | 02:47.6 | +53:57 | SAO 023611 |
| Struve 304 | 02:48.8 | +49:11 | SAO 038352 |
| Struve 310 | 02:49.4 | +33:56 | SAO 055911 |
| h3533 | 02:49.8 | -20:15 | SAO 168080 |
| Eta-2 For | 02:50.2 | -35:51 | SAO 193940 |
| Eta Per | 02:50.7 | +55:54 | SAO 023655 |
| Struve 314 | 02:52.9 | +53:00 | SAO 023674 |
| Otto Struve 48 | 02:53.4 | +48:34 | SAO 038418 |
| Tau Per | 02:54.3 | +52:46 | SAO 023685 |
| Struve 330 | 02:57.2 | -00:34 | SAO 130205 |
| Theta Eri | 02:58.3 | -40:18 | SAO 216112 |
| Lambda Cet | 02:59.7 | +08:54 | SAO 110889 |
| Struve 331 | 03:00.9 | +52:21 | SAO 023763 |

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|----------------|---------|--------|------------|
| Struve 336 | 03:01.5 | +32:25 | SAO 056095 |
| Rho Eri | 03:02.7 | -07:41 | SAO 130254 |
| Struve 341 | 03:03.0 | -02:05 | SAO 130256 |
| h3548 | 03:03.8 | -21:22 | SAO 168268 |
| Struve 352 | 03:08.8 | +35:28 | SAO 056196 |
| Alpha For | 03:12.1 | -28:59 | SAO 168373 |
| Struve 360 | 03:12.2 | +37:13 | SAO 056241 |
| Otto Struve 50 | 03:12.7 | +71:33 | SAO 004846 |
| Struve 362 | 03:16.3 | +60:02 | SAO 023908 |
| Struve 369 | 03:17.1 | +40:29 | SAO 038700 |
| h3565 | 03:18.7 | -18:34 | SAO 148897 |
| Tau-4 Eri | 03:19.5 | -21:45 | SAO 168460 |
| Struve 374 | 03:24.2 | +67:28 | SAO 012738 |
| Struve 382 | 03:24.5 | +33:32 | SAO 056419 |
| See25 | 03:26.7 | -28:34 | SAO 168549 |
| Xi-3 For | 03:28.2 | -35:51 | SAO 194318 |
| Struve 384 | 03:28.5 | +59:54 | |
| Struve 388 | 03:28.7 | +50:26 | SAO 024055 |
| Struve 390 | 03:30.0 | +55:27 | SAO 024064 |
| Struve 392 | 03:30.3 | +52:54 | SAO 024068 |
| Struve 399 | 03:30.5 | +20:06 | SAO 093462 |
| Struve 408 | 03:30.7 | -04:16 | SAO 130529 |
| Struve 406 | 03:30.8 | +05:09 | SAO 111233 |
| Struve 401 | 03:31.4 | +27:34 | SAO 075970 |
| Struve 411 | 03:32.3 | -07:05 | SAO 130551 |
| Struve 396 | 03:33.5 | +58:46 | SAO 024092 |
| Struve 400 | 03:35.0 | +60:02 | SAO 024111 |
| Struve 410 | 03:35.0 | +32:01 | SAO 056559 |
| Struve 413 | 03:35.4 | +33:41 | SAO 056564 |
| Struve 422 | 03:36.8 | +00:35 | SAO 111291 |
| Struve 425 | 03:40.1 | +34:07 | SAO 056613 |
| Struve 430 | 03:40.5 | +05:08 | SAO 111341 |
| Struve 427 | 03:40.6 | +28:46 | SAO 076071 |
| Otto Struve 59 | 03:40.7 | +46:01 | SAO 039031 |
| Struve 426 | 03:40.8 | +39:07 | SAO 056623 |
| 40 Per | 03:42.4 | +33:58 | SAO 056646 |
| Struve 419 | 03:42.7 | +69:50 | SAO 012872 |
| Struve 435 | 03:43.1 | +25:41 | SAO 076094 |
| Struve 434 | 03:44.0 | +38:22 | SAO 056667 |
| h3589 | 03:44.1 | -40:40 | SAO 216459 |
| Nu Per | 03:45.2 | +42:35 | SAO 039078 |
| Struve 448 | 03:47.9 | +33:36 | SAO 056709 |
| 30 Tau | 03:48.3 | +11:09 | SAO 093611 |
| h3596 | 03:48.5 | -31:47 | SAO 194544 |
| Es277 | 03:50.2 | +34:49 | SAO 056735 |
| h3601 | 03:51.7 | -22:56 | SAO 168895 |
| 30 Eri | 03:52.7 | -05:22 | SAO 130789 |
| Zeta Per | 03:54.1 | +31:53 | SAO 056799 |
| 32 Eri | 03:54.3 | -02:57 | SAO 130806 |
| Otto Struve 67 | 03:57.1 | +61:07 | SAO 012968 |
| Struve 469 | 03:57.3 | +41:53 | SAO 039212 |
| Epsilon Per | 03:57.9 | +40:01 | SAO 056840 |

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|-------|---------|--------|------------|
| Es878 | 03:58.9 | +51:30 | SAO 024326 |
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Challenge Binaries

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|-------------|---------|--------|------------|
| 36 And | 00:55.0 | +23:38 | SAO 074359 |
| 48 Cas | 02:02.0 | +70:54 | SAO 004554 |
| 14 Ori | 05:07.9 | +08:30 | SAO 112440 |
| 15 Lyn | 06:57.3 | +58:25 | SAO 026051 |
| Struve 1216 | 08:21.3 | -01:36 | SAO 135804 |
| Gamma Sex | 09:52.5 | -08:06 | SAO 137199 |
| 48 Vir | 13:03.9 | -03:40 | SAO 139131 |
| Gamma CrB | 15:42.7 | +26:18 | SAO 083958 |
| 24 Oph | 16:56.8 | -23:09 | SAO 184822 |
| AC 11 | 18:25.0 | -01:35 | SAO 142294 |
| 1 Del | 20:30.3 | +10:54 | SAO 106172 |