| **South Stars (251 objects)** | | | | |
| --- | --- | --- | --- | --- |
| **Object** | **Type** | **Mag** | **Size** | **Information** |
| β1 Tuc | \*A B9V \*B \*C \*D A7V \*E A0V \*F K4Ve \*G F8V \*H M0Ve \*I M0Ve | 4.36 13.50 4.51 6.54 5.07 9.66 7.52 11.57 11.53 | AB 2.62" AC 27.27" AE 548.89" AF 4006.38" AG 5637.06" CD 0.24" EF 4114.74" EH 6294.96" FG 8805.21" FH 4346.90" FI 4619.04" GH 7616.05" GI 10.22" | R00:31:32.56 D-62:57:29.1 *Tucana* WDS 00315-6257,SAO 248201 |
| HD 4130 | \*A K0III \*B F7V | 7.09 10.25 | AB 14.07" | R00:43:17.50 D-45:10:52.8 *Phoenix* WDS 00433-4511,SAO 215208 |
| HD 6058 | \*A G0IV/V \*B | 8.12 8.87 | AB 26.53" | R00:59:33.91 D-75:48:52.7 *Hydrus* WDS 00596-7549,SAO 255726 |
| ζ Phe | \* B8 | 4.10 |  | R01:08:23.1 D-55:14:44.9 *Phoenix* SAO 232306 |
| κ Tuc | \* F8 | 5.10 |  | R01:15:46.1 D-68:52:33.7 *Tucana* SAO 248346 |
| R Scl | \* Nb | 6.20 |  | R01:26:58.1 D-32:32:35.3 *Sculptor* SAO 193122 |
| HD 11944 | \*A F2V \*B | 7.18 7.23 | AB 2.89" | R01:55:19.69 D-60:18:44.6 *Hydrus* WDS 01553-6019,SAO 248461 |
| HD 12508 | \*A F3/5IV/V \*B | 7.73 9.75 | AB 31.83" | R02:00:29.96 D-62:45:44.8 *Hydrus* WDS 02005-6246,SAO 248478 |
| 66 Cet | \* G0 | 5.70 |  | R02:12:47.5 D-02:23:37.1 *Cetus* SAO 129752 |
| π1 Hyi | \* M0 | 5.40 |  | R02:14:14.7 D-67:50:30.1 *Hydrus* SAO 248518 |
| *Mira* Cet | \* M5e | 2.00 |  | R02:19:20.7 D-02:58:39.4 *Cetus* SAO 129825 |
| ω For | \* B9 | 5.00 |  | R02:33:50.7 D-28:13:57.2 *Fornax* SAO 167882 |
| HD 16699 | \*A F1III \*B \*C | 7.92 8.50 6.81 | AB 8.69" AC 218.22" | R02:38:44.29 D-52:57:03.1 *Horologium*  WDS 02387-5257,SAO 232841 |
| HD 16852 | \*A G8/K0III \*B A9IV \*C | 7.67 8.02 8.94 | BC 0.41" | R02:39:39.84 D-59:34:02.9 *Horologium*  WDS 02397-5934,SAO 232851 |
| 84 Cet | \* F5 | 5.70 |  | R02:41:13.9 D-00:41:45.3 *Cetus* SAO 130055 |
| *Acamar* θ1 Eri | \* A2 | 3.40 |  | R02:58:15.7 D-40:18:17.0 *Eridanus* SAO 216113 |
| ρ1 Eri | \* G5 | 5.90 |  | R03:01:10.0 D-07:39:46.5 *Eridanus* SAO 130243 |
| ρ2 Eri | \* G5 | 5.50 |  | R03:02:42.3 D-07:41:07.3 *Eridanus* SAO 130254 |
| HD 19330 | \*A G1V \*B \*C F7V | 7.61 8.54 8.29 | AB 38.26" AC 510.24" | R03:04:33.14 D-51:19:19.6 *Horologium*  WDS 03046-5119,SAO 232983 |
| BN Hyi | \*A F2II-III \*B | 5.70 7.70 | AB 14.89" | R03:07:32.13 D-78:59:21.3 *Hydrus* WDS 03075-7859,SAO 255962 |
| *Dalim* α For | \* F8 | 4.00 |  | R03:12:04.3 D-28:59:13.4 *Fornax* SAO 168373 |
| TW Hor | \* N0 | 5.70 |  | R03:12:33.1 D-57:19:17.9 *Horologium*  SAO 233037 |
| ζ2 Ret | \*A G2V \*B | 5.30 5.57 | AB 309.21" | R03:18:12.82 D-62:30:22.9 *Reticulum* WDS 03182-6230,SAO 248774 |
| HR 997 | \*A F0IV \*B | 5.88 8.17 | AB 8.01" | R03:18:41.14 D-18:33:35.2 *Eridanus* WDS 03187-1834,SAO 148897 |
| HR 1168 | \*A K1III \*B | 6.47 9.26 | AB 4.98" | R03:44:33.88 D-54:16:26.6 *Reticulum* WDS 03446-5416,SAO 233252 |
| HR 1190 | \*A B9V \*B A1V | 4.72 5.25 | AB 8.39" | R03:48:35.88 D-37:37:12.6 *Eridanus* WDS 03486-3737,SAO 194551 |
| 32 Eri | \* G5 | 5.00 |  | R03:54:17.5 D-02:57:16.9 *Eridanus* SAO 130806 |
| 39 Eri | \* K0 | 5.10 |  | R04:14:23.7 D-10:15:22.7 *Eridanus* SAO 149478 |
| *Keid* 2 Eri | \* G5 | 4.50 |  | R04:15:16.3 D-07:39:09.9 *Eridanus* *Vulcan* SAO 131063 |
| θ Ret | \* B9 | 6.20 |  | R04:17:40.2 D-63:15:20.1 *Reticulum* SAO 248986 |
| HR 1364 | \*A K2III \*B | 5.45 8.64 | AB 69.53" | R04:19:16.70 D-44:16:04.5 *Horologium*  WDS 04193-4416,SAO 216749 |
| HD 27843 | \*A K1III \*B | 7.77 10.38 | AB 2.24" | R04:21:46.68 D-42:47:16.4 *Caelum*  WDS 04218-4247,SAO 216764 |
| HR 1475 | \*A K1III \*B | 5.90 9.30 | AB 31.86" | R04:33:33.95 D-62:49:25.2 *Reticulum* WDS 04336-6249,SAO 249054 |
| R Dor | \* M7 | 4.80 |  | R04:36:45.6 D-62:04:38.5 *Dorado* SAO 249066 |
| HR 1504 | \*A G5V \*B | 7.33 7.45 | AB 3.71" | R04:40:17.72 D-58:56:39.5 *Dorado* WDS 04403-5857,SAO 233622 |
| 55 Eri | \* F5 | 6.70 |  | R04:43:35.1 D-08:47:45.8 *Eridanus* SAO 131443 |
| ι Pic | \*A F0IV \*B F4V: \*C K2Vk | 5.61 6.24 9.11 | AB 12.80" AC 301.52" BC 289.35" | R04:50:55.31 D-53:27:41.5 *Pictor*  WDS 04509-5328,SAO 233709 |
| VW Pic | \*A F3V \*B | 7.20 9.11 | AB 9.94" | R04:59:29.66 D-49:27:29.2 *Pictor*  WDS 04595-4927,SAO 217101 |
| *Hind's Crimson Star* R Lep | \* N8 | 6.00 |  | R04:59:36.5 D-14:48:20.5 *Lepus* SAO 150058 |
| γ1 Cae | \* K0 | 4.60 |  | R05:04:24.4 D-35:28:59.5 *Caelum*  SAO 195532 |
| *Kapteyn's Star* VZ Pic | \* K2 | 8.50 |  | R05:11:41.0 D-45:01:05.1 *Pictor*  SAO 217223 |
| κ Lep | \* B8 | 4.50 |  | R05:13:13.9 D-12:56:29.5 *Lepus* SAO 150239 |
| *Rigel* β Ori | \* B8p | 0.30 |  | R05:14:32.3 D-08:12:06.0 *Orion* SAO 131907 |
| HD 34527 | \*A B9.5V \*B | 6.96 8.46 | AB 20.46" | R05:17:35.50 D-15:13:10.5 *Lepus* WDS 05176-1513,SAO 150303 |
| TX Lep | \* B8 | 6.40 |  | R05:19:18.3 D-18:30:35.4 *Lepus* SAO 150336 |
| HR 1762 | \* A0 | 4.70 |  | R05:20:26.9 D-21:14:22.4 *Lepus* SAO 170327 |
| HR 1771 | \*A G0 \*B \*C | 5.44 6.58 9.32 | AB 3.50" AC 61.30" | R05:21:46.27 D-24:46:22.6 *Lepus* WDS 05218-2446,SAO 170351 |
| HD 35163 | \*A G0 \*B \*C | 5.44 6.58 9.32 | AB 3.50" AC 61.30" | R05:21:46.27 D-24:46:22.6 *Lepus* WDS 05218-2446,SAO 170352 |
| ζ Ori | \* B1 | 3.40 |  | R05:24:28.6 D-02:23:49.4 *Orion* SAO 132071 |
| θ Pic | \*A A0V \*B \*C A2V | 6.76 7.40 6.74 | AB 0.30" | R05:24:46.29 D-52:18:58.2 *Pictor*  WDS 05248-5219,SAO 233965 |
| HD 35722 | \*A F5IV \*B | 5.87 7.30 | AB 26.47" | R05:25:59.82 D-19:41:43.4 *Lepus* WDS 05260-1942,SAO 150441 |
| HR 1856 | \*A G3IV \*B G3IV \*C \*D | 5.52 11.70 12.70 6.68 | AD 198.26" BC 0.78" | R05:30:09.48 D-47:04:39.6 *Pictor*  WDS 05302-4705,SAO 217368 |
| γ Men | \*A K2III \*B | 5.31 11.99 | AB 49.55" | R05:31:53.01 D-76:20:27.4 *Mensa* WDS 05319-7620,SAO 256201 |
| *Mintaka* δ Ori | \* B0 | 2.50 |  | R05:32:00.4 D-00:17:56.8 *Orion* SAO 132220 |
| HR 1887 | \*A B0.5V \*B B1V \*C | 4.70 5.51 8.95 | AB 39.97" AC 68.20" | R05:35:02.68 D-06:00:07.2 *Orion* WDS 05350-0600,SAO 132301 |
| HD 37899 | \*A K3III \*B | 7.80 11.00 | AB 3.92" | R05:35:15.24 D-71:08:15.8 *Mensa* WDS 05353-7108,SAO 256207 |
| c Ori | \* B3 | 4.60 |  | R05:35:23.2 D-04:50:17.9 *Orion* SAO 132320 |
| *Nair al Saif* ι Ori | \* Oe5 | 2.90 |  | R05:35:26.0 D-05:54:35.6 *Orion* SAO 132323 |
| *Trapezium* θ1 Ori | \* | 3.53 |  | R05:36:09.27 D-05:22:51.2 *Orion* |
| HD 37761 | \*A G5III \*B | 7.82 10.02 | AB 24.58" | R05:37:48.28 D-54:33:51.2 *Pictor*  WDS 05378-5434,SAO 234056 |
| SAO 217445 | \*A G6V \*B | 7.64 9.44 | AB 4.78" | R05:38:09.37 D-46:06:21.8 *Pictor*  WDS 05382-4606,SAO 217445 |
| σ Ori | \* B0 | 3.80 |  | R05:38:44.8 D-02:36:00.1 *Orion* SAO 132406 |
| HD 37894 | \*A G5/6III \*B | 8.63 9.01 | AB 8.89" | R05:39:04.75 D-50:08:05.1 *Pictor*  WDS 05391-5008,SAO 234070 |
| NGC 2017 | \* Type: |  |  | R05:39:16.2 D-17:50:59 *Lepus* |
| HIP 26643 | \*A B8 \*B \*C | 6.87 7.94 11.30 | AB 11.36" AC 32.69" | R05:39:44.71 D-20:26:06.7 *Lepus* WDS 05397-2026 |
| *Alnitak* ζ Ori | \* B0 | 2.00 |  | R05:40:45.5 D-01:56:33.5 *Orion* SAO 132444 |
| γ Lep | \* F8 | 3.80 |  | R05:44:27.8 D-22:26:54.4 *Lepus* SAO 170759 |
| NGC 2132 | \* Type: |  |  | R05:55:42.0 D-59:55:00 *Pictor* |
| HR 2316 | \*A G6III \*B \*C | 5.73 9.83 6.91 | AB 13.09" AC 63.50" | R06:24:01.02 D-36:42:28.4 *Columba* WDS 06240-3642,SAO 196774 |
| β Mon | \* B2e | 4.70 |  | R06:28:49.0 D-07:01:58.4 *Monoceros* SAO 133316 |
| HR 2384 | \*A F2V \*B \*C F2V \*D | 5.97 6.15 7.98 8.73 | AB 0.46" CD 0.37" | R06:29:49.03 D-50:14:20.7 *Puppis* WDS 06298-5014,SAO 234539 |
| μ Pic | \*A B9Ve \*B | 5.63 9.33 | AB 2.46" | R06:31:58.31 D-58:45:13.8 *Pictor*  WDS 06320-5845,SAO 234564 |
| ν1 CMa | \* G5 | 5.80 |  | R06:36:22.8 D-18:39:35.8 *Canis Major* SAO 151694 |
| HR 2462 | \*A G8III \*B | 5.14 7.38 | AB 13.54" | R06:38:37.64 D-48:13:12.6 *Puppis* WDS 06386-4813,SAO 218093 |
| *Sirius* α CMa | \* A0 | -1.60 |  | R06:45:08.9 D-16:42:58.1 *Canis Major* *Dog Star* SAO 151881 |
| NP Pup | \* N0 | 6.00 |  | R06:54:26.7 D-42:21:55.5 *Puppis* SAO 218296 |
| 17 CMa | \* A2 | 5.80 |  | R06:55:02.7 D-20:24:16.9 *Canis Major* SAO 172569 |
| π CMa | \* F5 | 4.60 |  | R06:55:37.4 D-20:08:11.2 *Canis Major* SAO 172579 |
| μ CMa | \* G5 | 5.20 |  | R06:56:06.6 D-14:02:36.5 *Canis Major* SAO 152123 |
| *Adhara* ε CMa | \* B1 | 1.60 |  | R06:58:37.6 D-28:58:19.4 *Canis Major* SAO 172676 |
| HR 2667 | \*A G3V \*B K0V \*C \*D | 5.61 6.68 8.83 11.20 | AB 21.25" AC 185.70" AD 33.32" | R07:03:57.32 D-43:36:28.9 *Puppis* WDS 07040-4337,SAO 218421 |
| γ1 Vol | \*A K0III \*B F2V | 3.86 5.43 | AB 14.40" | R07:08:44.86 D-70:29:56.1 *Volans* WDS 07087-7030,SAO 256373 |
| γ2 Vol | \*A K0III \*B F2V | 3.86 5.43 | AB 14.40" | R07:08:44.86 D-70:29:56.1 *Volans* WDS 07087-7030,SAO 256374 |
| NGC 2351 | \* Type: |  |  | R07:13:30.0 D-10:28:58 *Monoceros* |
| HR 2764 | \* K5 | 4.80 |  | R07:16:36.8 D-23:18:56.2 *Canis Major* SAO 173349 |
| τ CMa | \* Oe5 | 4.40 |  | R07:18:42.4 D-24:57:15.2 *Canis Major* SAO 173446 |
| HR 2814 | \*A F0-2IV-V \*B \*C \*D \*E | 6.00 6.51 20.00 17.30 19.20 | AB 9.15" AC 1.85" AD 3.47" AE 6.58" | R07:20:21.40 D-52:18:41.8 *Carina* WDS 07204-5219,SAO 235111 |
| σ Pup | \* K5 | 3.30 |  | R07:29:13.9 D-43:18:05.3 *Puppis* SAO 218755 |
| HR 2868 | \*A F7V \*B \*C \*D \*E \*F | 6.39 7.60 11.80 13.15 13.47 11.45 | AB 1.80" AC 21.48" AD 66.89" AE 108.30" AF 1072.32" | R07:29:21.91 D-14:59:53.4 *Puppis* WDS 07294-1500,SAO 152943 |
| HR 2979 | \*A B9IV \*B B9IV | 7.02 7.07 | AB 1.89" | R07:35:21.86 D-74:16:30.4 *Volans* WDS 07354-7417,SAO 256428 |
| HD 60997 | \*A B6V \*B B6V \*C \*D \*E \*F \*G B7IV/ \*H \*I \*J \*K \*L \*M \*N \*O \*P \*Q \*R \*S \*T | 6.92 7.30 13.00 9.55 9.88 11.34 7.66 9.44 6.67 8.58 13.65 14.56 12.64 15.75 9.03 8.68 10.49 12.19 11.73 12.01 | AB 7.19" AC 17.91" AD 64.43" AE 72.26" AF 83.55" AG 84.01" AH 149.53" AI 164.73" AJ 195.75" AR 49.09" AS 113.04" AT 130.12" BE 69.43" CK 89.60" CL 26.17" CM 28.70" CN 62.85" DE 128.37" DH 213.47" EH 94.22" FC 101.21" GI 95.69" GJ 112.86" GO 97.75" HP 59.33" HQ 97.39" | R07:36:36.06 D-14:29:03.7 *Puppis* WDS 07366-1429,SAO 153142 |
| HR 2949 | \*A B6V \*B B6V \*C | 4.40 4.62 13.70 | AB 9.93" BC 7.18" | R07:38:49.88 D-26:48:14.0 *Puppis* WDS 07388-2648,SAO 174199 |
| ζ Vol | \*A K0III \*B | 4.06 9.32 | AB 15.61" | R07:41:49.20 D-72:36:22.1 *Volans* WDS 07418-7236,SAO 256438 |
| V336 Pup | \* B9 | 5.50 |  | R08:02:44.8 D-41:18:36.0 *Puppis* SAO 219339 |
| HR 3177 | \*A G1Ib \*B \*C | 6.26 8.44 11.00 | AB 21.93" AC 27.79" BC 13.55" | R08:05:44.88 D-33:34:09.9 *Puppis* WDS 08057-3334,SAO 198791 |
| ε Vol | \*A B6IV \*B | 4.38 7.31 | AB 6.03" | R08:07:55.80 D-68:37:01.4 *Volans* WDS 08079-6837,SAO 250128 |
| *Suhail al Muhlif* γ1 Vel | \*A WC8 \*B O7.5e \*C O9I \*D O9I \*E | 1.79 4.14 7.26 9.25 12.80 | AB 40.30" AC 61.50" AD 93.90" BC 60.80" BD 94.56" CD 34.10" DE 1.50" | R08:09:31.96 D-47:20:11.8 *Vela* *Regor* WDS 08095-4720,SAO 219501 |
| *Suhail al Muhlif* γ2 Vel | \* Oap | 1.90 |  | R08:09:32.0 D-47:20:12.0 *Vela* *Regor* SAO 219504 |
| *M7* Y Pup | \* | 9.06 |  | R08:13:18.46 D-35:12:09.2 *Puppis* |
| κ1 Vol | \*A B9III-IV \*B \*C | 5.31 5.59 7.67 | AB 63.80" AC 99.52" BC 37.51" | R08:19:49.00 D-71:30:54.0 *Volans* WDS 08198-7131,SAO 256497 |
| HD 71972 | \*A A0V \*B | 7.24 8.17 | AB 26.03" | R08:22:48.14 D-76:25:50.9 *Chamaeleon* WDS 08228-7626,SAO 256507 |
| HR 3359 | \*A B2IV \*B | 5.16 6.95 | AB 4.26" | R08:29:27.48 D-44:43:29.4 *Vela* WDS 08295-4443,SAO 219996 |
| T Vel | \* G5 | 7.70 |  | R08:37:41.3 D-47:21:44.5 *Vela* SAO 220208 |
| HR 3455 | \*A A3V \*B | 6.54 8.31 | AB 4.02" | R08:40:43.54 D-57:32:43.7 *Carina* WDS 08407-5733,SAO 236179 |
| δ Vel | \*A A1Va \*B F8V \*C \*D \*E \*F F6V | 1.99 5.57 14.90 13.50 14.70 5.75 | AB 0.37" AC 72.04" AE 76.75" AF 5511.00" CD 5.58" | R08:44:42.23 D-54:42:31.8 *Vela* WDS 08447-5443,SAO 236232 |
| HR 3489 | \*A B7III \*B \*C \*D | 6.87 6.93 10.90 10.23 | AB 4.15" AC 51.74" AD 60.50" | R08:45:05.55 D-58:43:27.6 *Carina* WDS 08451-5843,SAO 236241 |
| H Vel | \*A B5V \*B | 4.70 7.72 | AB 2.61" | R08:56:19.14 D-52:43:22.1 *Vela* WDS 08563-5243,SAO 236417 |
| HD 77737 | \*A A0V \*B \*C | 7.10 8.00 11.20 | BC 0.89" | R09:03:16.11 D-33:36:02.3 *Pyxis* WDS 09033-3336,SAO 199924 |
| KL Vel | \* B8 | 5.70 |  | R09:12:30.6 D-43:36:48.9 *Vela* SAO 220952 |
| ζ1 Ant | \*A A1V \*B A1V | 6.15 6.83 | AB 8.07" | R09:30:46.09 D-31:53:21.2 *Antlia* WDS 09308-3153,SAO 200444 |
| HR 3817 | \*A B5III \*B | 5.54 6.19 | AB 2.00" | R09:33:44.52 D-49:00:18.7 *Vela* WDS 09337-4900,SAO 221288 |
| HD 84774 | \*A G8II/III \*B | 6.77 9.60 | AB 9.34" | R09:46:08.98 D-45:55:04.7 *Vela* WDS 09461-4555,SAO 221480 |
| *Vathorz Prior* υ Car | \*A A8Ib \*B | 3.02 6.00 | AB 4.98" | R09:47:06.12 D-65:04:19.2 *Carina* WDS 09471-6504,SAO 250695 |
| Y Hya | \* Np | 6.50 |  | R09:51:03.5 D-23:01:02.1 *Hydra* SAO 178088 |
| HR 3925 | \*A B5V \*B | 5.79 8.23 | AB 5.51" | R09:54:17.66 D-45:17:00.6 *Vela* WDS 09543-4517,SAO 221592 |
| δ Ant | \* B9 | 5.60 |  | R10:29:35.4 D-30:36:25.8 *Antlia* SAO 201442 |
| HR 4122 | \*A K5III \*B F6V \*C | 6.51 8.81 10.14 | AB 2.77" AC 62.21" | R10:30:58.78 D-07:38:15.2 *Sextans* WDS 10310-0738,SAO 137614 |
| t Vel | \* K0 | 5.10 |  | R10:32:57.0 D-47:00:12.3 *Vela* SAO 222136 |
| U Ant | \* Nb | 5.70 |  | R10:35:12.9 D-39:33:45.8 *Antlia* SAO 201533 |
| HR 4177 | \*A K4-5III: \*B | 4.89 7.48 | AB 14.70" | R10:38:45.00 D-59:10:58.8 *Carina* WDS 10387-5911,SAO 238295 |
| x Vel | \*A G2-3Ib \*B \*C \*D | 4.38 6.06 11.90 11.20 | AB 51.74" AD 43.83" BC 20.12" | R10:39:18.39 D-55:36:11.7 *Vela* SAO 238309,WDS 10393-5536 |
| δ1 Cha | \*A K0III \*B | 6.15 6.49 | AB 0.81" | R10:45:16.33 D-80:28:10.5 *Chamaeleon* WDS 10453-8028,SAO 258592 |
| δ2 Cha | \* B3 | 4.60 |  | R10:45:46.5 D-80:32:24.9 *Chamaeleon* SAO 258593 |
| HR 4370 | \*A F3V \*B | 6.96 7.27 | AB 2.58" | R11:16:27.74 D-45:52:47.9 *Centaurus* WDS 11165-4553,SAO 222687 |
| HR 4401 | \*A B5V \*B | 5.37 6.56 | AB 2.50" | R11:23:21.09 D-64:57:15.4 *Musca*  WDS 11234-6457,SAO 251383 |
| γ Crt | \* A5 | 4.10 |  | R11:24:52.9 D-17:41:02.5 *Crater* SAO 156661 |
| 17 Crt | \* G0 | 5.90 |  | R11:32:16.1 D-29:15:48.4 *Hydra* SAO 179967 |
| HR 4615 | \*A G8-K0III \*B | 6.13 7.74 | AB 8.88" | R12:06:23.08 D-65:42:33.9 *Musca*  WDS 12064-6543,SAO 251738 |
| D Cen | \* K0 | 5.30 |  | R12:14:02.6 D-45:43:25.8 *Centaurus* SAO 223297 |
| HR 4678 | \*A F2V \*B F3V | 6.55 6.90 | AB 19.92" | R12:18:09.57 D-03:56:55.6 *Virgo* WDS 12182-0357,SAO 138704 |
| *Acrux* α1 Cru | \*A B1V \*B \*C \*D \*E \*F \*G \*H \*I \*J \*K | 1.25 1.55 4.80 10.50 17.00 15.97 12.00 13.00 12.00 12.00 13.00 | AB 4.20" AC 90.11" AG 58.70" AH 47.30" AI 63.30" AJ 29.60" AK 125.20" BC 90.60" CD 2.36" CE 4.89" CF 6.72" | R12:26:35.94 D-63:05:56.6 *Crux* WDS 12266-6306,SAO 251904 |
| *Algorab* δ Crv | \* A0 | 3.10 |  | R12:29:51.9 D-16:30:55.6 *Corvus* SAO 157323 |
| *Gacrux* γ Cru | \* M3 | 1.60 |  | R12:31:10.0 D-57:06:47.6 *Crux* SAO 240019 |
| VV Crv | \* F5 | 6.10 |  | R12:41:16.0 D-13:00:48.7 *Corvus* SAO 157447 |
| *Muhlifain* γ Cen | \* A0 | 2.40 |  | R12:41:31.0 D-48:57:34.7 *Centaurus* SAO 223603 |
| ι Cru | \*A K0III \*B | 4.72 10.24 | AB 30.47" | R12:45:37.92 D-60:58:52.2 *Crux* WDS 12456-6059,SAO 252016 |
| β Mus | \*A B2.5V \*B \*C | 3.52 3.98 15.90 | AB 1.12" AC 94.78" | R12:46:16.87 D-68:06:29.1 *Musca*  WDS 12463-6806,SAO 252019 |
| *Becrux* β Cru | \*A B0.5III \*B \*C \*D \*E | 1.28 11.40 7.17 11.00 12.00 | AB 42.62" AC 373.14" AD 10.38" AE 29.58" | R12:47:43.26 D-59:41:19.5 *Crux* *Mimosa* WDS 12477-5941,SAO 240259 |
| DY Cru | \* | 8.82 |  | R12:48:28.87 D-59:47:30.2 *Crux* |
| μ1 Cru | \*A B2IV-V \*B \*C \*D | 3.94 4.95 16.60 16.30 | AB 34.89" BC 4.68" BD 5.03" | R12:54:35.66 D-57:10:40.4 *Crux* SAO 240366,WDS 12546-5711 |
| θ Mus | \* Oap | 5.60 |  | R13:08:07.0 D-65:18:22.5 *Musca*  SAO 252162 |
| θ Vir | \* A0 | 4.50 |  | R13:09:57.0 D-05:32:20.4 *Virgo* SAO 139189 |
| 54 Vir | \* A0 | 6.80 |  | R13:13:26.8 D-18:49:36.1 *Virgo* SAO 157798 |
| UY Cen | \* K5p | 7.10 |  | R13:16:32.0 D-44:42:14.8 *Centaurus* SAO 224021 |
| 3 Cen | \* B5 | 4.70 |  | R13:51:49.6 D-32:59:39.8 *Centaurus* SAO 204916 |
| h Cen | \* B5 | 4.80 |  | R13:53:12.5 D-31:55:39.6 *Centaurus* SAO 204944 |
| HR 5233 | \*A F8V \*B G0 \*C \*D \*E G0V | 6.68 7.26 10.80 11.69 12.43 | AB 3.65" AC 112.28" AD 143.53" AE 647.08" | R13:54:58.20 D-08:03:31.9 *Virgo* WDS 13550-0804,SAO 139618 |
| HR 5242 | \*A K0III \*B \*C | 6.36 9.53 13.50 | AB 6.42" AC 40.63" | R13:58:31.23 D-65:48:02.5 *Circinus* WDS 13585-6548,SAO 252534 |
| *Hadar* β Cen | \*A B1III \*B | 0.58 3.95 | AB 0.38" | R14:03:49.40 D-60:22:22.9 *Centaurus* *Agena* WDS 14038-6022,SAO 252582 |
| V1002 Cen | \*A M5/6III \*B | 7.45 11.50 | AB 4.16" | R14:19:44.34 D-36:51:29.4 *Centaurus* WDS 14197-3651,SAO 205436 |
| HX Lup | \* B3 | 6.30 |  | R14:22:38.7 D-48:19:12.6 *Lupus* SAO 224870 |
| τ1 Lup | \* B3 | 4.60 |  | R14:26:08.2 D-45:13:17.1 *Lupus* SAO 224919 |
| φ Vir | \* K0 | 5.00 |  | R14:28:12.2 D-02:13:40.6 *Virgo* SAO 139951 |
| *Proxima Centauri* V645 Cen | \* M6Ve | 11.01 |  | R14:31:06.90 D-62:45:26.2 *Centaurus* |
| NGC 5651 | \* Type: |  |  | R14:31:12.7 D-00:19:18 *Virgo* |
| HR 5450 | \*A G8III \*B A1V | 5.55 7.65 | AB 19.59" | R14:37:20.14 D-46:08:00.3 *Lupus* WDS 14373-4608,SAO 225062 |
| *Rigil Kentaurus* α1 Cen | \* +++ | 0.10 |  | R14:39:36.2 D-60:50:07.4 *Centaurus* *Toliman* SAO 252838 |
| α Cir | \*A ApSrEuCr: \*B \*C \*D | 3.18 8.47 11.98 18.80 | AB 15.70" AC 64.64" AD 6.40" | R14:42:30.42 D-64:58:30.4 *Circinus* WDS 14425-6459,SAO 252853 |
| BU Cir | \*A B2III \*B | 6.08 7.55 | AB 69.34" | R14:45:10.96 D-55:36:05.9 *Circinus* WDS 14452-5536,SAO 241971 |
| m Hya | \*A F2V \*B \*C G1 \*D M4 | 5.12 7.25 17.47 10.90 | AB 8.30" AC 530.57" AD 26.42" | R14:46:00.08 D-25:26:35.4 *Hydra* WDS 14460-2527,SAO 182856 |
| *Zubenelgenubi* α2 Lib | \* A3 | 2.90 |  | R14:50:52.7 D-16:02:30.4 *Libra* *Zuben Elgenubi* SAO 158840 |
| *Lalande 27173* KX Lib | \* K5 | 6.00 |  | R14:57:28.1 D-21:24:56.1 *Libra* SAO 183040 |
| π Lup | \* B5 | 4.00 |  | R15:05:07.2 D-47:03:04.0 *Lupus* SAO 225426 |
| κ1 Lup | \*A B9.5V \*B A5V | 3.83 5.52 | AB 26.53" | R15:11:56.07 D-48:44:16.2 *Lupus* WDS 15119-4844,SAO 225525 |
| μ Lup | \*A B8V \*B \*C \*D \*E A | 4.93 4.99 6.34 14.70 9.41 | AB 0.83" AC 23.22" AD 6.15" AE 102.33" BC 24.07" | R15:18:32.02 D-47:52:31.0 *Lupus* WDS 15185-4753,SAO 225638 |
| d Lup | \* B3 | 4.80 |  | R15:35:53.2 D-44:57:30.9 *Lupus* SAO 225950 |
| ε TrA | \*A K1-2III \*B | 4.23 9.36 | AB 81.85" | R15:36:43.22 D-66:19:01.3 *Triangulum Australis* WDS 15367-6619,SAO 253226 |
| HR 5816 | \*A F8V \*B F8V | 6.44 6.49 | AB 11.56" | R15:38:40.08 D-08:47:29.4 *Libra* WDS 15387-0847,SAO 140672 |
| V359 Nor | \*A M3III \*B \*C | 8.06 9.74 12.72 | AB 4.97" AC 33.30" | R15:42:58.25 D-58:06:52.8 *Norma* WDS 15430-5807,SAO 242853 |
| HD 140274 | \*A A3V \*B | 6.61 8.45 | AB 2.15" | R15:44:59.55 D-50:47:07.8 *Norma* SAO 242915,WDS 15450-5047 |
| HR 5851 | \*A A5III-IV \*B \*C | 6.16 6.43 13.00 | AB 1.85" AC 31.86" | R15:47:53.10 D-65:26:31.9 *Triangulum Australis* WDS 15479-6527,SAO 253297 |
| HR 5900 | \*A G5II-III \*B | 5.91 8.36 | AB 4.81" | R15:55:32.35 D-60:10:39.5 *Norma* WDS 15555-6011,SAO 253349 |
| ξ1 Lup | \* A0 | 5.40 |  | R15:56:53.5 D-33:57:58.6 *Lupus* SAO 207144 |
| *Cerberus* ζ Lup | \* B3 | 3.60 |  | R16:00:07.3 D-38:23:48.6 *Lupus* SAO 207208 |
| ι1 Nor | \*A A7IV \*B \*C | 5.20 5.76 8.02 | AB 0.28" | R16:03:32.22 D-57:46:29.5 *Norma* WDS 16035-5747,SAO 243279 |
| ξ Sco | \* F8 | 4.20 |  | R16:04:22.1 D-11:22:23.5 *Scorpius* SAO 159665 |
| *Graffias* β1 Sco | \* B1 | 2.90 |  | R16:05:26.2 D-19:48:19.4 *Scorpius* *Acrab* SAO 159682 |
| *Jabbah* ν Sco | \* B3 | 4.30 |  | R16:11:59.7 D-19:27:38.1 *Scorpius* SAO 159764 |
| c1 Sco | \* B9 | 5.70 |  | R16:12:15.9 D-28:25:02.6 *Scorpius* SAO 184217 |
| ρ Oph | \* B5 | 5.90 |  | R16:25:35.1 D-23:26:46.0 *Ophiuchus* SAO 184381 |
| ε Nor | \*A B2V \*B | 4.51 6.12 | AB 22.86" | R16:27:11.04 D-47:33:17.2 *Norma* WDS 16272-4733,SAO 226773 |
| ι TrA | \*A F4IV \*B | 5.29 9.42 | AB 16.17" | R16:27:57.27 D-64:03:28.8 *Triangulum Australis* WDS 16280-6403,SAO 253555 |
| *Antares* α Sco | \* +++ | 1.10 |  | R16:29:24.4 D-26:25:55.2 *Scorpius* SAO 184415 |
| HD 153123 | \*A B3V \*B | 8.26 8.47 | AB 2.78" | R17:01:06.84 D-58:51:00.2 *Ara*  WDS 17011-5851,SAO 244353 |
| 36 Oph | \* K0 | 5.30 |  | R17:15:20.8 D-26:36:04.5 *Ophiuchus* SAO 185198 |
| Oph | \* K0 | 5.40 |  | R17:18:00.7 D-24:17:13.1 *Ophiuchus* SAO 185238 |
| ν Ser | \* A0 | 4.40 |  | R17:20:49.7 D-12:50:48.3 *Serpens Caput* SAO 160479 |
| γ Ara | \*A B1Ib \*B \*C \*D | 3.32 10.21 12.16 12.00 | AB 18.42" AC 41.23" AD 47.20" | R17:25:23.66 D-56:22:39.7 *Ara*  WDS 17254-5623,SAO 244726 |
| HR 6513 | \*A F8-G0Ib \*B | 6.03 10.50 | AB 20.54" | R17:31:49.10 D-46:02:12.4 *Ara*  WDS 17318-4602,SAO 228075 |
| V Pav | \*A C6.4 \*B | 7.20 13.37 | AB 13.71" | R17:43:18.93 D-57:43:26.2 *Pavo* WDS 17433-5743,SAO 244964 |
| V539 Ara | \*A B3III \*B B9V | 5.69 9.22 | AB 12.26" | R17:50:28.40 D-53:36:44.7 *Ara*  WDS 17505-5337,SAO 245065 |
| HR 6694 | \*A M1Ib \*B G8II \*C | 5.39 6.96 13.20 | AB 5.90" AC 26.11" | R17:59:05.28 D-30:15:10.8 *Sagittarius* WDS 17591-3015,SAO 209553 |
| HR 6693 | \*A M1Ib \*B G8II \*C | 5.39 6.96 13.20 | AB 5.90" AC 26.11" | R17:59:05.28 D-30:15:10.8 *Sagittarius* WDS 17591-3015 |
| HR 6749 | \*A A5V \*B A5V | 5.65 5.68 | AB 1.81" | R18:06:49.91 D-43:25:30.0 *Corona Australis* WDS 18068-4325,SAO 228708 |
| ε Tel | \* K0 | 4.60 |  | R18:11:13.8 D-45:57:15.4 *Telescopium*  SAO 228777 |
| *Sephdar* ζ Sgr | \* M3 | 3.20 |  | R18:17:37.6 D-36:45:42.2 *Sagittarius* *Ira Furoris*,*Ira Furoris* SAO 209957 |
| HD 168459 | \*A F2V \*B | 6.62 9.25 | AB 1.58" | R18:20:05.15 D-07:58:52.9 *Serpens Caput* WDS 18201-0759,SAO 142229 |
| HD 168815 | \*A G9IV-V \*B \*C ... | 8.08 8.61 9.01 | AB 9.28" BC 0.95" | R18:22:13.89 D-15:05:17.8 *Scutum* WDS 18222-1505,SAO 161390 |
| ξ Pav | \*A K4III \*B | 4.54 8.10 | AB 3.71" | R18:23:13.62 D-61:29:38.1 *Pavo* WDS 18232-6130,SAO 254226 |
| 21 Sgr | \* +++ | 5.00 |  | R18:25:21.0 D-20:32:30.0 *Sagittarius* SAO 186794 |
| δ1 Tel | \* B8 | 5.00 |  | R18:31:45.4 D-45:54:53.8 *Telescopium*  SAO 229092 |
| κ2 CrA | \* B8 | 6.00 |  | R18:33:23.1 D-38:43:34.4 *Corona Australis* SAO 210295 |
| δ Sct | \* F0 | 4.70 |  | R18:42:16.4 D-09:03:09.2 *Scutum* SAO 142515 |
| HD 173457 | \*A F2 \*B | 7.39 8.43 | AB 4.17" | R18:45:51.33 D-10:29:34.1 *Scutum* WDS 18459-1030,SAO 161805 |
| S Sct | \* Nb | 7.00 |  | R18:50:20.0 D-07:54:26.6 *Scutum* SAO 142674 |
| V Aql | \*A C5II \*B | 7.21 7.35 | AB 0.17" | R19:04:24.15 D-05:41:05.4 *Aquila* WDS 19044-0541,SAO 142985 |
| h Aql | \* K0 | 5.50 |  | R19:04:57.6 D-04:01:53.3 *Aquila* SAO 142996 |
| γ CrA | \* F8 | 4.30 |  | R19:06:25.1 D-37:03:47.8 *Corona Borealis* SAO 210928 |
| HD 178734 | \*A K5III \*B \*C | 7.24 8.36 11.00 | AB 70.18" AC 28.23" | R19:12:24.12 D-51:48:20.0 *Telescopium*  WDS 19124-5148,SAO 245970 |
| *Arkab Prior* β1 Sgr | \* B8 | 4.30 |  | R19:22:38.3 D-44:27:32.4 *Sagittarius* SAO 229646 |
| HR 7370 | \*A K4III \*B \*C \*D \*E | 5.85 8.24 12.70 10.85 11.00 | AB 76.11" AD 72.85" AE 1.50" BC 7.18" | R19:27:48.12 D-54:19:30.9 *Telescopium*  WDS 19278-5420,SAO 246110 |
| HR 7398 | \*A K2III \*B | 5.61 8.82 | AB 7.46" | R19:29:52.18 D-26:59:08.2 *Sagittarius* WDS 19299-2659,SAO 188192 |
| e1 Sgr | \* K0 | 5.50 |  | R19:40:43.4 D-16:17:35.4 *Sagittarius* SAO 162883 |
| HR 7548 | \*A K0III \*B A2V | 5.80 6.39 | AB 22.75" | R19:52:37.72 D-54:58:15.7 *Telescopium*  WDS 19526-5458,SAO 246311 |
| 57 Aql | \* B | 6.50 |  | R19:54:38.1 D-08:14:13.5 *Aquila* SAO 143899 |
| *Algedi Secunda* α2 Cap | \* G5 | 3.80 |  | R20:18:03.3 D-12:32:41.3 *Capricornus* *Giedi Secunda*,*Giedi* SAO 163427 |
| σ Cap | \* K0 | 5.50 |  | R20:19:23.6 D-19:07:06.5 *Capricornus* SAO 163445 |
| *Okul* π Cap | \* B8 | 5.20 |  | R20:27:19.2 D-18:12:42.2 *Capricornus* SAO 163592 |
| Cap | \* A2 | 6.10 |  | R20:29:53.9 D-18:34:59.6 *Capricornus* SAO 163626 |
| μ2 Oct | \* G5 | 7.10 |  | R20:41:43.7 D-75:21:01.9 *Octans* SAO 257836 |
| α Mic | \* K0 | 5.00 |  | R20:49:58.1 D-33:46:47.3 *Microscopium* SAO 212472 |
| HR 7959 | \*A A2-3IV-V \*B | 6.23 6.58 | AB 2.69" | R20:51:38.47 D-62:25:45.6 *Pavo* WDS 20516-6226,SAO 254883 |
| NGC 6973 | \* Type: |  |  | R20:52:06.0 D-05:53:39 *Aquarius* |
| HR 8042 | \*A G3IV \*B K0IV | 6.68 6.95 | AB 57.45" | R21:02:12.73 D-43:00:07.7 *Microscopium* WDS 21022-4300,SAO 230492 |
| 12 Aqr | \* F5 | 5.90 |  | R21:04:04.7 D-05:49:23.0 *Aquarius* SAO 145065 |
| HR 8148 | \* G5 | 6.50 |  | R21:19:45.8 D-26:21:10.6 *Capricornus* SAO 190236 |
| θ Ind | \*A A5V \*B | 4.50 6.93 | AB 7.26" | R21:19:51.89 D-53:26:57.4 *Indus* WDS 21199-5327,SAO 246965 |
| T Ind | \* N0 |  |  | R21:20:09.5 D-45:01:20.4 *Indus* SAO 230635 |
| θ1 Mic | \* A2p | 4.90 |  | R21:20:45.6 D-40:48:34.6 *Microscopium* SAO 230644 |
| Y Pav | \* N0 |  |  | R21:24:16.7 D-69:44:03.4 *Pavo* SAO 254990 |
| HD 206429 | \*A F5/7IV/V \*B \*C | 6.54 6.90 7.47 | AB 152.28" AC 187.03" | R21:43:59.16 D-57:19:30.4 *Indus* WDS 21440-5720,SAO 247151 |
| λ Oct | \*A G8-K0III \*B | 5.56 7.26 | AB 3.48" | R21:50:54.51 D-82:43:08.1 *Octans* WDS 21509-8243,SAO 258914 |
| HR 8363 | \*A F5IV \*B \*C | 6.29 9.52 15.16 | AB 15.98" AC 143.80" | R21:54:35.91 D-03:18:04.5 *Aquarius* WDS 21546-0318,SAO 145735 |
| 29 Aqr | \* | 7.40 |  | R22:02:26.3 D-16:57:53.8 *Aquarius* SAO 164829 |
| 41 Aqr | \* G5 | 5.50 |  | R22:14:18.0 D-21:04:27.3 *Aquarius* SAO 190986 |
| μ1 Gru | \* G0 | 4.90 |  | R22:15:37.0 D-41:20:47.9 *Grus* SAO 231055 |
| π1 Gru | \* S | 6.60 |  | R22:22:43.9 D-45:56:52.1 *Grus* SAO 231105 |
| π2 Gru | \* F0 | 5.80 |  | R22:23:08.0 D-45:55:41.8 *Grus* SAO 231111 |
| 53 Aqr | \* G0 | 6.40 |  | R22:26:34.4 D-16:44:32.5 *Aquarius* SAO 165078 |
| δ Tuc | \*A B9.5V \*B | 4.49 8.73 | AB 6.77" | R22:27:19.87 D-64:57:59.0 *Tucana* WDS 22273-6458,SAO 255222 |
| ζ1 Aqr | \* F2 | 4.60 |  | R22:28:49.7 D-00:01:13.0 *Aquarius* SAO 146107 |
| δ1 Gru | \* G5 | 4.00 |  | R22:29:16.2 D-43:29:44.3 *Grus* SAO 231154 |
| β PsA | \* A0 | 4.40 |  | R22:31:30.4 D-32:20:45.6 *Piscis Austrinus* SAO 213883 |
| τ1 Aqr | \* B9 | 5.70 |  | R22:47:42.8 D-14:03:23.2 *Aquarius* SAO 165298 |
| HR 8793 | \*A F6-7IV-V \*B | 6.29 7.05 | AB 9.07" | R23:07:14.77 D-50:41:12.1 *Grus* WDS 23072-5041,SAO 247739 |
| ψ1 Aqr | \* K0 | 4.50 |  | R23:15:53.5 D-09:05:15.8 *Aquarius* SAO 146598 |
| 94 Aqr | \* G5 | 5.30 |  | R23:19:06.7 D-13:27:32.0 *Aquarius* SAO 165625 |
| DQ Gru | \*A A4III \*B | 6.14 7.07 | AB 26.35" | R23:23:54.52 D-53:48:31.5 *Grus* WDS 23239-5349,SAO 247854 |
| θ Phe | \* A3 | 6.60 |  | R23:39:28.0 D-46:38:16.0 *Phoenix* SAO 231719 |
| i2 Aqr | \*A A9IV \*B F2V | 5.65 6.46 | AB 7.09" | R23:46:00.85 D-18:40:42.1 *Aquarius* WDS 23460-1841,SAO 165868 |
| γ1 Oct | \* G5 | 5.10 |  | R23:52:06.8 D-82:01:07.9 *Octans* SAO 258989 |