| **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 | 4.3613.504.516.545.079.667.5211.5711.53 | 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 | 7.0910.25 | AB 14.07" | R00:43:17.50 D-45:10:52.8 *Phoenix*WDS 00433-4511,SAO 215208  |
| HD 6058  | \*A G0IV/V\*B | 8.128.87 | 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 | 7.187.23 | 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 | 7.739.75 | 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 | 7.928.506.81 | 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 | 7.678.028.94 | 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 | 7.618.548.29 | 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 | 5.707.70 | 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 | 5.305.57 | AB 309.21" | R03:18:12.82 D-62:30:22.9 *Reticulum*WDS 03182-6230,SAO 248774  |
| HR 997  | \*A F0IV\*B | 5.888.17 | AB 8.01" | R03:18:41.14 D-18:33:35.2 *Eridanus*WDS 03187-1834,SAO 148897  |
| HR 1168  | \*A K1III\*B | 6.479.26 | AB 4.98" | R03:44:33.88 D-54:16:26.6 *Reticulum*WDS 03446-5416,SAO 233252  |
| HR 1190  | \*A B9V\*B A1V | 4.725.25 | 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 | 5.458.64 | AB 69.53" | R04:19:16.70 D-44:16:04.5 *Horologium* WDS 04193-4416,SAO 216749  |
| HD 27843  | \*A K1III\*B | 7.7710.38 | AB 2.24" | R04:21:46.68 D-42:47:16.4 *Caelum* WDS 04218-4247,SAO 216764  |
| HR 1475  | \*A K1III\*B | 5.909.30 | 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 | 7.337.45 | 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 | 5.616.249.11 | 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 | 7.209.11 | 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 | 6.968.46 | 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 | 5.446.589.32 | 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 | 5.446.589.32 | 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 | 6.767.406.74 | AB 0.30" | R05:24:46.29 D-52:18:58.2 *Pictor* WDS 05248-5219,SAO 233965  |
| HD 35722  | \*A F5IV\*B | 5.877.30 | 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 | 5.5211.7012.706.68 | 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 | 5.3111.99 | 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 | 4.705.518.95 | 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 | 7.8011.00 | 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 | 7.8210.02 | AB 24.58" | R05:37:48.28 D-54:33:51.2 *Pictor* WDS 05378-5434,SAO 234056  |
| SAO 217445  | \*A G6V\*B | 7.649.44 | 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 | 8.639.01 | 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 | 6.877.9411.30 | 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 | 5.739.836.91 | 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 | 5.976.157.988.73 | 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 | 5.639.33 | 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 | 5.147.38 | 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 | 5.616.688.8311.20 | 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 | 3.865.43 | AB 14.40" | R07:08:44.86 D-70:29:56.1 *Volans*WDS 07087-7030,SAO 256373  |
| γ2 Vol  | \*A K0III\*B F2V | 3.865.43 | 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 | 6.006.5120.0017.3019.20 | 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 | 6.397.6011.8013.1513.4711.45 | 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 | 7.027.07 | 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 | 6.927.3013.009.559.8811.347.669.446.678.5813.6514.5612.6415.759.038.6810.4912.1911.7312.01 | 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 | 4.404.6213.70 | 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 | 4.069.32 | 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 | 6.268.4411.00 | 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 | 4.387.31 | 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 | 1.794.147.269.2512.80 | 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 | 5.315.597.67 | 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 | 7.248.17 | AB 26.03" | R08:22:48.14 D-76:25:50.9 *Chamaeleon*WDS 08228-7626,SAO 256507  |
| HR 3359  | \*A B2IV\*B | 5.166.95 | 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 | 6.548.31 | 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 | 1.995.5714.9013.5014.705.75 | 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 | 6.876.9310.9010.23 | 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 | 4.707.72 | AB 2.61" | R08:56:19.14 D-52:43:22.1 *Vela*WDS 08563-5243,SAO 236417  |
| HD 77737  | \*A A0V\*B\*C | 7.108.0011.20 | 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 | 6.156.83 | AB 8.07" | R09:30:46.09 D-31:53:21.2 *Antlia*WDS 09308-3153,SAO 200444  |
| HR 3817  | \*A B5III\*B | 5.546.19 | AB 2.00" | R09:33:44.52 D-49:00:18.7 *Vela*WDS 09337-4900,SAO 221288  |
| HD 84774  | \*A G8II/III\*B | 6.779.60 | 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 | 3.026.00 | 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 | 5.798.23 | 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 | 6.518.8110.14 | 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 | 4.897.48 | 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 | 4.386.0611.9011.20 | 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 | 6.156.49 | 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 | 6.967.27 | AB 2.58" | R11:16:27.74 D-45:52:47.9 *Centaurus*WDS 11165-4553,SAO 222687  |
| HR 4401  | \*A B5V\*B | 5.376.56 | 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 | 6.137.74 | 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 | 6.556.90 | 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 | 1.251.554.8010.5017.0015.9712.0013.0012.0012.0013.00 | 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 | 4.7210.24 | 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 | 3.523.9815.90 | 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 | 1.2811.407.1711.0012.00 | 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 | 3.944.9516.6016.30 | 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 | 6.687.2610.8011.6912.43 | 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 | 6.369.5313.50 | 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 | 0.583.95 | 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 | 7.4511.50 | 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 | 5.557.65 | 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 | 3.188.4711.9818.80 | 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 | 6.087.55 | 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 | 5.127.2517.4710.90 | 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 | 3.835.52 | 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 | 4.934.996.3414.709.41 | 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 | 4.239.36 | 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 | 6.446.49 | AB 11.56" | R15:38:40.08 D-08:47:29.4 *Libra*WDS 15387-0847,SAO 140672  |
| V359 Nor  | \*A M3III\*B\*C | 8.069.7412.72 | 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 | 6.618.45 | 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 | 6.166.4313.00 | 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 | 5.918.36 | 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 | 5.205.768.02 | 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 | 4.516.12 | AB 22.86" | R16:27:11.04 D-47:33:17.2 *Norma*WDS 16272-4733,SAO 226773  |
| ι TrA  | \*A F4IV\*B | 5.299.42 | 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 | 8.268.47 | 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 | 3.3210.2112.1612.00 | 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 | 6.0310.50 | AB 20.54" | R17:31:49.10 D-46:02:12.4 *Ara* WDS 17318-4602,SAO 228075  |
| V Pav  | \*A C6.4\*B | 7.2013.37 | AB 13.71" | R17:43:18.93 D-57:43:26.2 *Pavo*WDS 17433-5743,SAO 244964  |
| V539 Ara  | \*A B3III\*B B9V | 5.699.22 | 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 | 5.396.9613.20 | 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 | 5.396.9613.20 | 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 | 5.655.68 | 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 | 6.629.25 | 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 ... | 8.088.619.01 | 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 | 4.548.10 | 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 | 7.398.43 | 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 | 7.217.35 | 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 | 7.248.3611.00 | 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 | 5.858.2412.7010.8511.00 | 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 | 5.618.82 | 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 | 5.806.39 | 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 | 6.236.58 | 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 | 6.686.95 | 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 | 4.506.93 | 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 | 6.546.907.47 | 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 | 5.567.26 | AB 3.48" | R21:50:54.51 D-82:43:08.1 *Octans*WDS 21509-8243,SAO 258914  |
| HR 8363  | \*A F5IV\*B\*C | 6.299.5215.16 | 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 | 4.498.73 | 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 | 6.297.05 | 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 | 6.147.07 | 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 | 5.656.46 | 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  |