| **South Best Spring (110 objects)** | | | | |
| --- | --- | --- | --- | --- |
| **Object** | **Type** | **Mag** | **Size** | **Information** |
| NGC 2516 | OC | 3.8 | 22.0' | R07:58:04.0 D-60:45:12 *Carina* Type: I3r, mag\_b: 3.8 |
| NGC 2547 | OC | 4.7 | 25.0' | R08:10:09.0 D-49:12:54 *Vela* Type: II2p |
| M 48 | OC | 5.8 | 30.0' | R08:13:43.1 D-05:45:02 *Hydra* Type: I2m |
| NGC 2613 | GX | 10.4 | 6.5'x1.4' | R08:33:22.8 D-22:58:22 *Pyxis* Type: Sb, SB: 12.6, mag\_b: 11.2 |
| NGC 2610 | PN | 12.7 | 0.7' | R08:33:23.4 D-16:08:55 *Hydra* Type: PN, mag\_b: 13.6 |
| IC 2395 | OC | 4.6 | 13.0' | R08:42:30.0 D-48:08:12 *Vela* Type: II3p |
| NGC 2670 | OC | 7.8 | 7.0' | R08:45:30.0 D-48:48:00 *Vela* Type: II2p |
| 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 |
| IC 2448 | PN | 10.4 | 0.5' | R09:07:06.5 D-69:56:29 *Carina* Type: PN, mag\_b: 11.5 |
| NGC 2808 | GC | 6.2 | 14.0' | R09:12:02.6 D-64:51:45 *Carina* Type: I |
| NGC 2784 | GX | 10.3 | 5.5'x2.2' | R09:12:19.4 D-24:10:21 *Hydra* Type: S0, SB: 12.9, mag\_b: 11.3 |
| NGC 2818 | OC | 8.2 | 8.0'x8.0' | R09:16:10.0 D-36:37:34 *Pyxis* Type: OCL+PN, mag\_b: 06.0 |
| NGC 2835 | GX | 10.3 | 6.6'x4.4' | R09:17:52.6 D-22:21:19 *Hydra* Type: SBc, SB: 13.8, mag\_b: 11.0 |
| NGC 2867 | PN | 9.7 | 0.4' | R09:21:25.4 D-58:18:40 *Carina* Type: PN, mag\_b: 9.7 |
| IC 2488 | OC | 7.4 | 18.0' | R09:27:31.0 D-56:58:54 *Vela* Type: II2m |
| NGC 2910 | OC | 7.2 | 6.0' | R09:30:29.0 D-52:54:50 *Vela* Type: I2p |
| NGC 2997 | GX | 9.4 | 8.9'x6.8' | R09:45:38.6 D-31:11:26 *Antlia* Type: SBc, SB: 13.7, mag\_b: 10.1 |
| NGC 3114 | OC | 4.2 | 35.0' | R10:02:36.0 D-60:07:00 *Carina* Type: II3r |
| NGC 3109 | GX | 9.8 | 19.1'x3.7' | R10:03:06.6 D-26:09:30 *Hydra* Type: SBm, SB: 14.3, mag\_b: 10.4 |
| *Spindle Galaxy* NGC 3115 | GX | 9.1 | 7.2'x2.4' | R10:05:14.1 D-07:43:05 *Sextans* Type: E-S0, SB: 12.3, mag\_b: 10.1 |
| *Eight-Burst Nebula* NGC 3132 | PN | 9.2 | 1.5' | R10:07:01.8 D-40:26:10 *Vela* Type: PN, mag\_b: 8.2 |
| NGC 3195 | PN | 11.6 | 0.7'x0.5' | R10:09:21.1 D-80:51:29 *Chamaeleon* Type: PN, mag\_b: 11.5 |
| NGC 3175 | GX | 11.3 | 5.1'x1.3' | R10:14:42.3 D-28:52:16 *Antlia* Type: SBab, SB: 13.2, mag\_b: 12.1 |
| NGC 3199 | BN |  | 20.0'x15.0' | R10:17:24.0 D-57:55:18 *Carina* Type: EN |
| NGC 3201 | GC | 6.9 | 20.0' | R10:17:36.8 D-46:24:38 *Vela* Type: X |
| NGC 3211 | PN | 10.7 | 0.3' | R10:17:50.4 D-62:40:12 *Carina* Type: PN, mag\_b: 11.8 |
| NGC 3228 | OC | 6.0 | 5.0' | R10:21:22.0 D-51:43:42 *Vela* Type: I1p |
| *Ghost of Jupiter Nebula* NGC 3242 | PN | 7.7 | 1.1' | R10:24:46.1 D-18:38:31 *Hydra* Type: PN, mag\_b: 8.6 *CBS Eye* |
| 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 |
| *Gem Cluster* NGC 3293 | OC | 4.7 | 5.0' | R10:35:51.0 D-58:13:48 *Carina* Type: I3r |
| NGC 3324 | BN |  | 16.0'x14.0' | R10:37:19.3 D-58:38:03 *Carina* Type: EN |
| vdBergh 99 | OC |  | 20.0' | R10:37:54 D-59:11:00 *Carina* |
| Melotte 101 | OC | 8.0 | 15.0' | R10:42:12 D-65:06:00 *Carina* |
| *Southern Pleiades* IC 2602 | OC | 1.6 | 100.0' | R10:42:56.5 D-64:23:39 *Carina* Type: II3m *Theta Carinae Cluster* |
| Trumpler 14 | OC | 5.5 | 8.4' | R10:43:56 D-59:33:00 *Carina* |
| Collinder 228 | OC | 4.4 | 14.0' | R10:44:00 D-60:05:12 *Carina* |
| *Eta Carinae Nebula* NGC 3372 | BN |  | 120.0'x120.0' | R10:45:06.0 D-59:52:00 *Carina* Type: EN, mag\_b: 3.0 *Keyhole Nebula* |
| Trumpler 16 | OC | 5.0 | 12.0' | R10:45:10 D-59:43:00 *Carina* |
| NGC 3496 | OC | 8.2 | 7.0' | R10:59:36.0 D-60:20:12 *Carina* Type: III1m |
| NGC 3511 | GX | 10.8 | 6.0'x2.1' | R11:03:23.7 D-23:05:11 *Crater* Type: SBc, SB: 13.4, mag\_b: 11.5 |
| NGC 3532 | OC | 3.0 | 50.0' | R11:05:40.0 D-58:45:00 *Carina* Type: II1m, mag\_b: 3.2 |
| NGC 3521 | GX | 9.2 | 11.2'x5.4' | R11:05:48.8 D-00:02:13 *Leo* Type: SBbc, SB: 13.5, mag\_b: 10.0 |
| Hogg 12 | OC | 8.8 | 4.0' | R11:13:01 D-60:47:00 *Carina* 3-2-p-\* |
| NGC 3585 | GX | 9.9 | 4.6'x2.5' | R11:13:17.3 D-26:45:18 *Hydra* Type: E6, SB: 12.6, mag\_b: 10.9 |
| IC 2714 | OC | 8.2 | 15.0' | R11:17:22.0 D-62:43:18 *Carina* Type: II3m |
| NGC 3621 | GX | 9.4 | 12.3'x6.8' | R11:18:15.8 D-32:48:40 *Hydra* Type: SBcd, SB: 14.1, mag\_b: 10.1 |
| Melotte 105 | OC | 8.5 | 5.0' | R11:19:42 D-63:29:00 *Carina* |
| NGC 3672 | GX | 11.4 | 4.0'x1.8' | R11:25:02.3 D-09:47:41 *Crater* Type: Sc, SB: 13.4, mag\_b: 12.1 |
| NGC 3680 | OC | 7.6 | 7.0' | R11:25:38.0 D-43:14:36 *Centaurus* Type: I2p |
| NGC 3717 | GX | 11.4 | 6.2'x1.0' | R11:31:32.0 D-30:18:30 *Hydra* Type: Sb, SB: 13.2, mag\_b: 12.2 |
| 17 Crt | \* G0 | 5.90 |  | R11:32:16.1 D-29:15:48.4 *Hydra* SAO 179967 |
| *Pearl Cluster* NGC 3766 | OC | 5.3 | 15.0' | R11:36:14.3 D-61:36:36 *Centaurus* Type: I1p |
| NGC 3887 | GX | 10.6 | 3.5'x2.7' | R11:47:04.6 D-16:51:14 *Crater* Type: SBbc, SB: 12.9, mag\_b: 11.4 |
| NGC 3904 | GX | 10.8 | 2.7'x2.0' | R11:49:13.2 D-29:16:37 *Hydra* Type: E2, SB: 12.7, mag\_b: 11.8 |
| *Blue Planetary Nebula* NGC 3918 | PN | 8.1 | 0.4' | R11:50:17.8 D-57:10:55 *Centaurus* Type: PN, mag\_b: 8.4 |
| NGC 3936 | GX | 11.9 | 3.9'x0.7' | R11:52:20.4 D-26:54:21 *Hydra* Type: SBbc, SB: 12.8, mag\_b: 12.7 |
| NGC 3955 | GX | 11.7 | 3.1'x1.0' | R11:53:57.2 D-23:09:52 *Crater* Type: S0-a, SB: 12.8, mag\_b: 12.6 |
| NGC 4027 | GX | 11.0 | 3.3'x2.4' | R11:59:30.5 D-19:15:57 *Corvus* Type: SBd, SB: 13.1, mag\_b: 11.6 |
| *Antennae Galaxies* NGC 4038 | GX | 10.3 | 3.4'x1.7' | R12:01:52.8 D-18:51:52 *Corvus* Type: SBm, SB: 12.1, mag\_b: 10.9 *Ring Tail Galaxies* |
| NGC 4103 | OC | 7.4 | 6.0' | R12:06:39.5 D-61:15:00 *Crux* Type: I3m |
| NGC 4105 | GX | 10.5 | 2.8'x2.1' | R12:06:40.6 D-29:45:36 *Hydra* Type: E3, SB: 12.5, mag\_b: 11.5 |
| 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 |
| NGC 4349 | OC | 7.4 | 4.0' | R12:24:06.0 D-61:52:13 *Crux* Type: I2m |
| NGC 4361 | PN | 10.9 | 2.1' | R12:24:30.8 D-18:47:03 *Corvus* Type: PN, mag\_b: 10.3 |
| NGC 4372 | GC | 7.2 | 5.0' | R12:25:45.4 D-72:39:31 *Musca* Type: XII |
| *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 |
| M 68 | GC | 7.3 | 11.0' | R12:39:28.0 D-26:44:32 *Hydra* Type: X |
| *Sombrero Galaxy* M 104 | GX | 8.3 | 8.6'x4.2' | R12:39:59.3 D-11:37:21 *Virgo* Type: Sa, SB: 12.0, mag\_b: 9.2 |
| VV Crv | \* F5 | 6.10 |  | R12:41:16.0 D-13:00:48.7 *Corvus* SAO 157447 |
| NGC 4666 | GX | 10.8 | 4.5'x1.4' | R12:45:08.2 D-00:27:46 *Virgo* Type: SBc, SB: 12.6, mag\_b: 11.5 |
| NGC 4697 | GX | 9.2 | 7.2'x4.7' | R12:48:35.8 D-05:48:00 *Virgo* Type: E6, SB: 13.1, mag\_b: 10.2 |
| NGC 4696 | GX | 10.2 | 4.7'x3.3' | R12:48:49.1 D-41:18:42 *Centaurus* Type: E1/P, SB: 13.2, mag\_b: 11.2 |
| NGC 4699 | GX | 9.6 | 3.8'x2.8' | R12:49:02.2 D-08:39:50 *Virgo* Type: SBb, SB: 12.0, mag\_b: 10.4 |
| *Coalsack* Caldwell 99 | DN | 0.0 | 375.0'x250.0' | R12:51:05.90 D-62:44:48.2 *Crux* *Coalsack CO Complex* |
| NGC 4753 | GX | 9.9 | 6.0'x2.8' | R12:52:22.1 D-01:12:00 *Virgo* Type: S0, SB: 12.8, mag\_b: 10.9 |
| *Jewel Box Cluster* NGC 4755 | OC | 4.2 | 10.0' | R12:53:39.0 D-60:21:42 *Crux* Type: I3r *Kappa Crucis Cluster* |
| NGC 4856 | GX | 10.6 | 4.3'x1.2' | R12:59:21.1 D-15:02:32 *Virgo* Type: SB0-a, SB: 12.2, mag\_b: 11.5 |
| NGC 4833 | GC | 8.4 | 14.0' | R12:59:35.0 D-70:52:27 *Musca* Type: VIII |
| NGC 4945 | GX | 8.6 | 19.8'x4.0' | R13:05:26.1 D-49:27:46 *Centaurus* Type: SBc, SB: 13.2, mag\_b: 9.3 |
| NGC 4958 | GX | 10.7 | 3.9'x1.4' | R13:05:48.9 D-08:01:12 *Virgo* Type: SB0, SB: 12.4, mag\_b: 11.7 |
| NGC 4976 | GX | 10.1 | 5.6'x3.0' | R13:08:37.4 D-49:30:21 *Centaurus* Type: E4, SB: 13.2, mag\_b: 11.1 |
| 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 |
| NGC 5061 | GX | 10.3 | 3.5'x3.0' | R13:18:05.2 D-26:50:14 *Hydra* Type: E, SB: 12.9, mag\_b: 11.3 |
| NGC 5078 | GX | 11.1 | 4.0'x1.9' | R13:19:49.8 D-27:24:35 *Hydra* Type: Sa, SB: 13.2, mag\_b: 12.0 |
| NGC 5101 | GX | 10.5 | 5.4'x4.6' | R13:21:46.0 D-27:25:51 *Hydra* Type: SB0-a, SB: 13.8, mag\_b: 11.4 |
| NGC 5102 | GX | 9.5 | 8.6'x2.7' | R13:21:57.0 D-36:37:54 *Centaurus* Type: E-S0, SB: 13.0, mag\_b: 10.5 |
| *Centaurus A* NGC 5128 | GX | 6.6 | 25.7'x20.0' | R13:25:29.0 D-43:00:58 *Centaurus* Type: S0, SB: 13.3, mag\_b: 7.6 *Hamburger Galaxy* |
| *Omega Centauri* NGC 5139 | GC | 5.3 | 55.0' | R13:26:47.0 D-47:28:51 *Centaurus* Type: VIII, mag\_b: 6.1 |
| NGC 5189 | PN |  | 2.3' | R13:33:32.9 D-65:58:25 *Musca* Type: PN, mag\_b: 10.3 |
| M 83 | GX | 7.5 | 12.9'x11.5' | R13:37:00.2 D-29:52:02 *Hydra* Type: Sc, SB: 12.8, mag\_b: 8.2 |
| NGC 5247 | GX | 9.9 | 5.4'x4.9' | R13:38:02.9 D-17:53:05 *Virgo* Type: SBbc, SB: 13.3, mag\_b: 10.7 |
| NGC 5253 | GX | 10.1 | 5.0'x1.9' | R13:39:55.8 D-31:38:30 *Centaurus* Type: S/P, SB: 12.4, mag\_b: 11.0 |
| NGC 5266 | GX | 11.0 | 3.3'x2.3' | R13:43:01.8 D-48:10:09 *Centaurus* Type: E-S0, SB: 13.3, mag\_b: 12.0 |
| NGC 5286 | GC | 7.4 | 11.0' | R13:46:26.5 D-51:22:22 *Centaurus* Type: V |
| NGC 5281 | OC | 5.9 | 8.0' | R13:46:35.1 D-62:54:59 *Centaurus* Type: I1p |
| NGC 5307 | PN | 11.2 | 0.3' | R13:51:03.3 D-51:12:19 *Centaurus* Type: PN, mag\_b: 12.1 |
| NGC 5316 | OC | 6.0 | 15.0' | R13:53:57.0 D-61:52:00 *Centaurus* Type: III1p |
| 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 |
| NGC 5419 | GX | 10.9 | 4.1'x3.3' | R14:03:38.7 D-33:58:42 *Centaurus* Type: E, SB: 13.8, mag\_b: 11.9 |
| NGC 5460 | OC | 5.6 | 35.0' | R14:07:27.0 D-48:20:36 *Centaurus* Type: II3m |
| NGC 5606 | OC | 7.7 | 3.0' | R14:27:47.2 D-59:37:56 *Centaurus* Type: I1p |
| φ Vir | \* K0 | 5.00 |  | R14:28:12.2 D-02:13:40.6 *Virgo* SAO 139951 |
| NGC 5617 | OC | 6.3 | 10.0' | R14:29:44.0 D-60:42:39 *Centaurus* Type: I3m |
| *Proxima Centauri* V645 Cen | \* M6Ve | 11.01 |  | R14:31:06.90 D-62:45:26.2 *Centaurus* |
| *Rigil Kentaurus* α1 Cen | \* +++ | 0.10 |  | R14:39:36.2 D-60:50:07.4 *Centaurus* *Toliman* SAO 252838 |
| NGC 5694 | GC | 10.2 | 4.3' | R14:39:36.5 D-26:32:16 *Hydra* Type: VII |
| 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 |