| **South Best Spring (110 objects)**  |
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| **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 | 7.108.0011.20 | 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 | 6.518.8110.14 | 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 | 6.556.90 | 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 | 1.251.554.8010.5017.0015.9712.0013.0012.0012.0013.00 | 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  |
| 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 | 6.687.2610.8011.6912.43 | 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  |
| 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 | 5.127.2517.4710.90 | AB 8.30"AC 530.57"AD 26.42" | R14:46:00.08 D-25:26:35.4 *Hydra*WDS 14460-2527,SAO 182856  |