| **South Best Summer (117 objects)** | | | | |
| --- | --- | --- | --- | --- |
| **Object** | **Type** | **Mag** | **Size** | **Information** |
| IC 4406 | PN | 10.2 | 1.8' | R14:22:26.4 D-44:09:02 *Lupus* Type: PN, mag\_b: 10.6 |
| NGC 5643 | GX | 10.2 | 4.7'x4.2' | R14:32:40.7 D-44:10:28 *Lupus* Type: SBc, SB: 13.3, mag\_b: 10.9 |
| *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 |
| NGC 5834 | GC | 9.1 | 7.4' | R15:03:58.5 D-33:04:02 *Lupus* Type: I |
| NGC 5823 | OC | 7.9 | 12.0' | R15:05:30.5 D-55:36:13 *Circinus* Type: III2m |
| NGC 5844 | PN |  | 1.2' | R15:10:40.7 D-64:40:22 *Triangulum Australis* Type: PN, mag\_b: 13.2 |
| NGC 5882 | PN | 9.4 | 0.3' | R15:16:50.0 D-45:38:56 *Lupus* Type: PN, mag\_b: 10.5 |
| NGC 5927 | GC | 8.0 | 6.0' | R15:28:00.5 D-50:40:20 *Lupus* Type: VIII |
| NGC 5946 | GC | 8.4 | 3.0' | R15:35:28.5 D-50:39:32 *Norma* Type: IX |
| 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 |
| NGC 5986 | GC | 7.6 | 9.6' | R15:46:03.5 D-37:47:08 *Lupus* Type: VII |
| Trumpler 23 | OC | 11.2 | 5.0' | R16:00:49 D-53:32:10 *Norma* 3-1-m-\* |
| NGC 6025 | OC | 5.1 | 15.0' | R16:03:17.7 D-60:25:53 *Triangulum Australis* Type: II2p |
| 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 |
| NGC 6072 | PN | 11.7 | 1.6' | R16:12:58.2 D-36:13:46 *Scorpius* Type: PN, mag\_b: 14.1 |
| NGC 6067 | OC | 5.6 | 15.0' | R16:13:10.9 D-54:13:08 *Norma* Type: I2r |
| M 80 | GC | 7.3 | 10.0' | R16:17:02.5 D-22:58:28 *Scorpius* Type: II |
| NGC 6087 | OC | 5.4 | 15.0' | R16:18:50.0 D-57:56:00 *Norma* Type: I2p |
| M 4 | GC | 5.4 | 36.0' | R16:23:35.5 D-26:31:29 *Scorpius* Type: IX |
| NGC 6124 | OC | 5.8 | 40.0' | R16:25:19.9 D-40:39:13 *Scorpius* Type: II3m |
| ρ Oph | \* B5 | 5.90 |  | R16:25:35.1 D-23:26:46.0 *Ophiuchus* SAO 184381 |
| NGC 6101 | GC | 9.2 | 5.0' | R16:25:48.6 D-72:12:04 *Apus* Type: X |
| NGC 6139 | GC | 9.1 | 8.2' | R16:27:40.4 D-38:50:54 *Scorpius* Type: II |
| NGC 6134 | OC | 7.2 | 6.0' | R16:27:46.4 D-49:09:04 *Norma* Type: II3m |
| *Antares* α Sco | \* +++ | 1.10 |  | R16:29:24.4 D-26:25:55.2 *Scorpius* SAO 184415 |
| NGC 6153 | PN | 10.9 | 0.4' | R16:31:30.6 D-40:15:11 *Scorpius* Type: PN, mag\_b: 11.5 |
| M 107 | GC | 7.8 | 13.0' | R16:32:31.9 D-13:03:11 *Ophiuchus* Type: X |
| NGC 6167 | OC | 6.7 | 7.0' | R16:34:34.9 D-49:46:19 *Norma* Type: II3m |
| Collinder 307 | OC | 9.2 | 5.0' | R16:35:20 D-51:00:00 *Ara*  3-2-p-\* |
| NGC 6188 | BN |  | 20.0'x12.0' | R16:40:05.0 D-48:39:42 *Ara* Type: EN+RN |
| NGC 6192 | OC | 8.5 | 9.0' | R16:40:23.7 D-43:22:00 *Scorpius* Type: I2p |
| NGC 6193 | OC | 5.2 | 14.0' | R16:41:20.1 D-48:45:45 *Ara* Type: II3p |
| NGC 6204 | OC | 8.2 | 6.0' | R16:46:09.4 D-47:01:01 *Ara* Type: I2p |
| M 12 | GC | 6.1 | 16.0' | R16:47:14.5 D-01:56:50 *Ophiuchus* Type: IX |
| NGC 6216 | OC | 10.1 | 4.0' | R16:49:23.5 D-44:43:53 *Scorpius* Type: II2p |
| NGC 6221 | GX | 10.1 | 3.5'x2.5' | R16:52:46.1 D-59:13:06 *Ara* Type: SBc, SB: 12.3, mag\_b: 10.8 |
| NGC 6231 | OC | 2.6 | 14.0' | R16:54:10.8 D-41:49:27 *Scorpius* Type: I3p, mag\_b: 2.8 |
| NGC 6242 | OC | 6.4 | 9.0' | R16:55:33.3 D-39:27:39 *Scorpius* Type: I3m |
| Trumpler 24 | OC | 8.6 | 60.0' | R16:57:00 D-40:40:00 *Scorpius* |
| M 10 | GC | 6.6 | 20.0' | R16:57:08.9 D-04:05:56 *Ophiuchus* Type: VII |
| NGC 6250 | OC | 5.9 | 16.0' | R16:57:56.0 D-45:56:12 *Ara* Type: IV3p |
| M 62 | GC | 6.4 | 15.0' | R17:01:12.6 D-30:06:42 *Ophiuchus* Type: IV |
| NGC 6268 | OC | 9.5 | 6.0' | R17:02:10.0 D-39:43:42 *Scorpius* Type: II2p |
| M 19 | GC | 6.8 | 17.0' | R17:02:37.7 D-26:16:03 *Ophiuchus* Type: VIII |
| NGC 6281 | OC | 5.4 | 8.0' | R17:04:40.0 D-37:59:06 *Scorpius* Type: II2p |
| *Bug Nebula* NGC 6302 | PN | 9.6 | 1.5' | R17:13:44.1 D-37:06:12 *Scorpius* Type: PN, mag\_b: 12.8 |
| *Box Nebula* NGC 6309 | PN | 11.5 | 0.3' | R17:14:04.3 D-12:54:37 *Ophiuchus* Type: PN, mag\_b: 10.8 |
| 36 Oph | \* K0 | 5.30 |  | R17:15:20.8 D-26:36:04.5 *Ophiuchus* SAO 185198 |
| NGC 6316 | GC | 8.1 | 5.4' | R17:16:37.4 D-28:08:22 *Ophiuchus* Type: III |
| NGC 6300 | GX | 10.1 | 4.3'x2.8' | R17:16:59.7 D-62:49:13 *Ara* Type: SBb, SB: 12.7, mag\_b: 10.9 |
| Oph | \* K0 | 5.40 |  | R17:18:00.7 D-24:17:13.1 *Ophiuchus* SAO 185238 |
| NGC 6322 | OC | 6.0 | 5.0' | R17:18:25.7 D-42:56:02 *Scorpius* Type: I2p |
| M 9 | GC | 7.8 | 12.0' | R17:19:11.8 D-18:30:57 *Ophiuchus* Type: VIII |
| ν Ser | \* A0 | 4.40 |  | R17:20:49.7 D-12:50:48.3 *Serpens Caput* SAO 160479 |
| NGC 6337 | PN | 12.3 | 0.9' | R17:22:15.7 D-38:28:59 *Scorpius* Type: PN, mag\_b: 11.9 |
| IC 4651 | OC | 6.9 | 10.0' | R17:24:52.0 D-49:56:36 *Ara* Type: II3m |
| NGC 6352 | GC | 7.8 | 9.0' | R17:25:29.2 D-48:25:20 *Ara* Type: XI |
| NGC 6369 | PN | 11.4 | 0.6' | R17:29:20.4 D-23:45:33 *Ophiuchus* Type: PN, mag\_b: 12.9 |
| NGC 6362 | GC | 8.1 | 15.0' | R17:31:54.8 D-67:02:51 *Ara* Type: X |
| NGC 6388 | GC | 6.8 | 10.4' | R17:36:17.0 D-44:44:04 *Scorpius* Type: III |
| M 14 | GC | 7.6 | 11.0' | R17:37:36.1 D-03:14:43 *Ophiuchus* Type: VIII |
| NGC 6400 | OC | 8.8 | 12.0' | R17:40:12.0 D-36:56:54 *Scorpius* Type: II2m |
| *Butterfly Cluster* M 6 | OC | 4.2 | 33.0' | R17:40:20.0 D-32:15:00 *Scorpius* Type: III2p, mag\_b: 4,5 |
| NGC 6397 | GC | 5.3 | 31.0' | R17:40:41.3 D-53:40:23 *Ara* Type: IX |
| *Crescent Nebula* NGC 6445 | PN | 11.2 | 0.7' | R17:49:15.1 D-20:00:32 *Sagittarius* Type: PN, mag\_b: 13.2 |
| NGC 6441 | GC | 7.2 | 9.6' | R17:50:12.9 D-37:03:02 *Scorpius* Type: III |
| Barnard 283 | DN | 0.0 | 40.0'x8.0' | R17:51:49.28 D-33:48:12.2 *Scorpius* |
| *Ptolemy's Cluster* M 7 | OC | 3.3 | 75.0' | R17:53:50.0 D-34:47:36 *Scorpius* Type: II2r, mag\_b: 3.5 |
| M 23 | OC | 5.5 | 25.0' | R17:57:04.0 D-18:59:00 *Sagittarius* Type: III1m |
| NGC 6496 | GC | 8.6 | 5.6' | R17:59:02.0 D-44:15:52 *Scorpius* Type: XII |
| *Trifid Nebula* M 20 | BN |  | 20.0'x20.0' | R18:02:42.0 D-22:58:18 *Sagittarius* Type: EN+OCL, mag\_b: 6.3 |
| NGC 6520 | OC | 7.6 | 5.0' | R18:03:25.0 D-27:53:28 *Sagittarius* Type: I2m |
| NGC 6522 | GC | 9.9 | 9.4' | R18:03:34.1 D-30:02:00 *Sagittarius* Type: VI |
| *Lagoon Nebula* M 8 | BN |  | 45.0'x30.0' | R18:03:42.0 D-24:22:48 *Sagittarius* Type: EN, mag\_b: 5.0 |
| M 21 | OC | 5.9 | 16.0' | R18:04:13.3 D-22:29:24 *Sagittarius* Type: I3m |
| NGC 6541 | GC | 6.3 | 15.0' | R18:08:02.2 D-43:42:40 *Corona Australis* Type: III |
| NGC 6563 | PN | 11.0 | 0.8' | R18:12:02.6 D-33:52:04 *Sagittarius* Type: PN, mag\_b: 13.8 |
| NGC 6569 | GC | 8.4 | 6.4' | R18:13:38.9 D-31:49:33 *Sagittarius* Type: VIII |
| NGC 6584 | GC | 7.9 | 6.6' | R18:18:37.7 D-52:12:52 *Telescopium* Type: VIII |
| *Eagle Nebula* M 16 | OC | 6.0 | 8.0' | R18:18:48.0 D-13:48:24 *Serpens* Type: II3mn *Star Queen nebula* |
| *Sagittarius Star Cloud* IC 4715 | OC |  |  | R18:18:48.0 D-18:33:00 *Sagittarius* Type: \*Cloud *Delle Caustiche* |
| M 18 | OC | 6.9 | 7.0' | R18:19:58.0 D-17:06:06 *Sagittarius* Type: II3pn |
| 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 |
| *Omega Nebula* M 17 | BN |  | 20.0'x15.0' | R18:20:47.0 D-16:10:18 *Sagittarius* Type: EN+OCL, mag\_b: 6.0 *Swan Nebula*,*Checkmark Nebula* |
| 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 |
| NGC 6624 | GC | 7.6 | 8.8' | R18:23:40.5 D-30:21:38 *Sagittarius* Type: VI |
| M 28 | GC | 6.9 | 13.8' | R18:24:32.9 D-24:52:10 *Sagittarius* Type: IV |
| M 69 | GC | 8.3 | 7.1' | R18:31:23.2 D-32:20:51 *Sagittarius* Type: V, mag\_b: 9.3 |
| IC 4725 | OC | 4.6 | 26.0' | R18:31:48.0 D-19:06:48 *Sagittarius* Type: I2p |
| NGC 6652 | GC | 8.5 | 6.0' | R18:35:45.7 D-32:59:23 *Sagittarius* Type: VI |
| M 22 | GC | 5.2 | 32.0' | R18:36:24.2 D-23:54:10 *Sagittarius* Type: VII |
| δ Sct | \* F0 | 4.70 |  | R18:42:16.4 D-09:03:09.2 *Scutum* SAO 142515 |
| M 70 | GC | 7.8 | 8.0' | R18:43:12.7 D-32:17:29 *Sagittarius* Type: V |
| M 26 | OC | 8.0 | 10.0' | R18:45:18.0 D-09:22:50 *Scutum* Type: I1m |
| 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 |
| *Wild Duck Cluster* M 11 | OC | 5.8 | 11.0' | R18:51:05.0 D-06:16:12 *Scutum* Type: I2r *Salt and Pepper Cluster* |
| NGC 6712 | GC | 8.1 | 9.8' | R18:53:04.3 D-08:42:20 *Scutum* Type: IX |
| M 54 | GC | 7.7 | 12.0' | R18:55:03.3 D-30:28:40 *Sagittarius* Type: III |
| NGC 6723 | GC | 6.8 | 13.0' | R18:59:33.2 D-36:37:52 *Sagittarius* Type: VII |
| *Phantom Streak* NGC 6741 | PN | 11.5 | 0.1' | R19:02:37.0 D-00:26:56 *Aquila* Type: PN, mag\_b: 10.8 |
| h Aql | \* K0 | 5.50 |  | R19:04:57.6 D-04:01:53.3 *Aquila* SAO 142996 |
| NGC 6751 | PN | 11.9 | 0.4' | R19:05:55.5 D-05:59:30 *Aquila* Type: PN, mag\_b: 12.5 |
| NGC 6744 | GX | 8.3 | 20.1'x12.9' | R19:09:46.1 D-63:51:24 *Pavo* Type: SBbc, SB: 14.2, mag\_b: 9.1 |
| NGC 6752 | GC | 5.3 | 29.0' | R19:10:51.8 D-59:58:53 *Pavo* Type: VI |
| 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 |
| M 55 | GC | 6.3 | 19.0' | R19:39:59.4 D-30:57:42 *Sagittarius* Type: XI |
| e1 Sgr | \* K0 | 5.50 |  | R19:40:43.4 D-16:17:35.4 *Sagittarius* SAO 162883 |
| *Little Gem Nebula* NGC 6818 | PN | 9.3 | 0.8' | R19:43:57.8 D-14:09:09 *Sagittarius* Type: PN, mag\_b: 9.9 |
| *Barnard's Galaxy* NGC 6822 | GX | 8.7 | 15.4'x14.2' | R19:44:56.6 D-14:48:23 *Sagittarius* Type: IBm, SB: 14.4, mag\_b: 9.3 |
| M 75 | GC | 8.6 | 6.8' | R20:06:04.8 D-21:55:15 *Sagittarius* Type: I |
| PGC 64136 | GX | 11.1 | 1.9'x1.1' | R20:07:19.482 D-48:22:12.94 *Telescopium*  SA(s)0- |
| NGC 6902 | GX | 10.9 | 5.6'x3.9' | R20:24:27.9 D-43:39:11 *Sagittarius* Type: SBa, SB: 14.1, mag\_b: 11.8 |
| NGC 6943 | GX | 11.3 | 4.0'x2.2' | R20:44:33.7 D-68:44:53 *Pavo* Type: SBc, SB: 13.5, mag\_b: 12.0 |