| **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 | 6.446.49 | 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 | 6.629.25 | 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 ... | 8.088.619.01 | 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 | 7.398.43 | 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 | 5.618.82 | 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 |