| **South Best Fall (85 objects)** | | | | |
| --- | --- | --- | --- | --- |
| **Object** | **Type** | **Mag** | **Size** | **Information** |
| NGC 24 | GX | 11.5 | 5.8'x1.3' | R00:09:56.1 D-24:57:52 *Sculptor* Type: Sc, SB: 13.5, mag\_b: 12.2 |
| NGC 55 | GX | 7.8 | 31.2'x5.9' | R00:15:08.0 D-39:13:10 *Sculptor* Type: SBm, SB: 13.3, mag\_b: 8.4 |
| *47 Tucanae* NGC 104 | GC | 4.0 | 50.0' | R00:24:05.2 D-72:04:49 *Tucana* Type: III |
| NGC 134 | GX | 10.4 | 8.4'x1.8' | R00:30:21.8 D-33:14:42 *Sculptor* Type: SBbc, SB: 13.2, mag\_b: 11.2 |
| β1 Tuc | \*A B9V \*B \*C \*D A7V \*E A0V \*F K4Ve \*G F8V \*H M0Ve \*I M0Ve | 4.36 13.50 4.51 6.54 5.07 9.66 7.52 11.57 11.53 | 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 |
| NGC 261 | BN |  | 1.9' | R00:46:27.9 D-73:06:14 *Tucana* Type: EN, mag\_b: 13.0 |
| *Skull Nebula* NGC 246 | PN | 10.9 | 4.1' | R00:47:03.3 D-11:52:17 *Cetus* Type: PN, mag\_b: 8.0 |
| NGC 247 | GX | 8.9 | 19.2'x5.5' | R00:47:08.3 D-20:45:36 *Cetus* Type: SBcd, SB: 13.8, mag\_b: 9.6 |
| *Sculptor Galaxy* NGC 253 | GX | 7.3 | 29.0'x6.8' | R00:47:33.1 D-25:17:15 *Sculptor* Type: SBc, SB: 12.9, mag\_b: 8.0 *Silver Dollar Galaxy* |
| NGC 288 | GC | 8.1 | 13.0' | R00:52:46.4 D-26:35:10 *Sculptor* Type: X |
| NGC 300 | GX | 8.1 | 19.0'x12.9' | R00:54:53.3 D-37:41:03 *Sculptor* Type: Scd, SB: 13.9, mag\_b: 8.8 |
| NGC 330 | OC | 9.6 | 1.4' | R00:56:19.8 D-72:27:44 *Tucana* Type: OCL |
| NGC 346 | BN |  | 14.0'x11.0' | R00:59:05.0 D-72:10:38 *Tucana* Type: EN+OCL |
| NGC 362 | GC | 6.8 | 14.0' | R01:03:14.3 D-70:50:52 *Tucana* Type: III |
| NGC 371 | OC |  | 7.5' | R01:03:26.0 D-72:03:54 *Tucana* Type: OCL+EN |
| NGC 456 | BN |  | 15.0'x15.0' | R01:13:46.0 D-73:17:30 *Tucana* Type: EN+OCL |
| R Scl | \* Nb | 6.20 |  | R01:26:58.1 D-32:32:35.3 *Sculptor* SAO 193122 |
| NGC 602 | BN |  | 34.0' | R01:29:26.4 D-73:33:26 *Hydrus* Type: EN+OCL |
| NGC 613 | GX | 9.9 | 5.5'x4.2' | R01:34:18.4 D-29:25:07 *Sculptor* Type: SBbc, SB: 13.2, mag\_b: 10.7 |
| NGC 625 | GX | 11.1 | 5.8'x1.9' | R01:35:04.4 D-41:26:15 *Phoenix* Type: SBm, SB: 13.6, mag\_b: 11.7 |
| NGC 779 | GX | 11.2 | 4.1'x1.2' | R01:59:42.6 D-05:57:51 *Cetus* Type: SBb, SB: 12.8, mag\_b: 12.0 |
| 66 Cet | \* G0 | 5.70 |  | R02:12:47.5 D-02:23:37.1 *Cetus* SAO 129752 |
| *Mira* Cet | \* M5e | 2.00 |  | R02:19:20.7 D-02:58:39.4 *Cetus* SAO 129825 |
| NGC 986 | GX | 10.8 | 4.0'x3.2' | R02:33:34.1 D-39:02:45 *Fornax* Type: SBab, SB: 13.4, mag\_b: 11.6 |
| ω For | \* B9 | 5.00 |  | R02:33:50.7 D-28:13:57.2 *Fornax* SAO 167882 |
| 84 Cet | \* F5 | 5.70 |  | R02:41:13.9 D-00:41:45.3 *Cetus* SAO 130055 |
| *Cetus A* M 77 | GX | 8.9 | 7.1'x6.0' | R02:42:40.8 D-00:00:46 *Cetus* Type: Sb/P, SB: 12.8, mag\_b: 9.7 |
| NGC 1097 | GX | 9.5 | 9.4'x6.6' | R02:46:19.5 D-30:16:32 *Fornax* Type: SBb, SB: 13.8, mag\_b: 10.3 |
| NGC 1087 | GX | 10.8 | 3.9'x2.3' | R02:46:25.2 D-00:29:57 *Cetus* Type: SBc, SB: 13.0, mag\_b: 11.5 |
| *Dalim* α For | \* F8 | 4.00 |  | R03:12:04.3 D-28:59:13.4 *Fornax* SAO 168373 |
| NGC 1261 | GC | 8.3 | 6.8' | R03:12:15.3 D-55:12:59 *Horologium* Type: II |
| TW Hor | \* N0 | 5.70 |  | R03:12:33.1 D-57:19:17.9 *Horologium*  SAO 233037 |
| NGC 1313 | GX | 9.1 | 9.2'x7.2' | R03:18:16.0 D-66:29:43 *Reticulum* Type: SBcd, SB: 13.5, mag\_b: 9.8 |
| *Fornax A* NGC 1316 | GX | 8.4 | 11.0'x7.2' | R03:22:41.4 D-37:12:28 *Fornax* Type: SB0, SB: 13.0, mag\_b: 9.4 |
| NGC 1317 | GX | 11.1 | 2.8'x2.4' | R03:22:44.2 D-37:06:12 *Fornax* Type: SBa, SB: 13.0, mag\_b: 12.0 |
| NGC 1350 | GX | 10.4 | 5.9'x3.1' | R03:31:07.9 D-33:37:38 *Fornax* Type: SBab, SB: 13.4, mag\_b: 11.2 |
| M 1-3 | PN | 9.4 | 6.4' | R03:33:14.6 D-25:52:16 *Fornax* Type: PN, mag\_b: 9.6 |
| NGC 1365 | GX | 9.5 | 11.0'x6.2' | R03:33:36.7 D-36:08:27 *Fornax* Type: SBb, SB: 13.9, mag\_b: 10.3 |
| PGC 13318 | GX | 9.9 | 3.5'x1.5' | R03:36:27.590 D-34:58:34.68 *Fornax* S0 |
| NGC 1398 | GX | 9.8 | 7.2'x5.2' | R03:38:52.0 D-26:20:14 *Fornax* Type: SBab, SB: 13.6, mag\_b: 10.6 |
| NGC 1406 | GX | 11.7 | 3.9'x0.7' | R03:39:23.0 D-31:19:20 *Fornax* Type: SBbc, SB: 12.6, mag\_b: 12.5 |
| NGC 1433 | GX | 9.8 | 6.5'x5.9' | R03:42:01.2 D-47:13:19 *Horologium* Type: SBa, SB: 13.6, mag\_b: 10.7 |
| NGC 1425 | GX | 10.6 | 5.8'x2.5' | R03:42:11.5 D-29:53:39 *Fornax* Type: Sb, SB: 13.4, mag\_b: 11.4 |
| NGC 1457 | GX | 10.7 | 7.6'x1.7' | R03:44:31.3 D-44:38:45 *Horologium* Type: Sc, SB: 13.3, mag\_b: 11.4 |
| NGC 1512 | GX | 10.2 | 8.9'x5.6' | R04:03:54.0 D-43:20:56 *Horologium* Type: SBa, SB: 14.3, mag\_b: 11.1 |
| NGC 1527 | GX | 10.7 | 3.9'x1.5' | R04:08:24.1 D-47:53:48 *Horologium* Type: SB0, SB: 12.5, mag\_b: 11.7 |
| NGC 1543 | GX | 10.3 | 3.8'x2.8' | R04:12:43.1 D-57:44:14 *Reticulum* Type: SB0, SB: 12.7, mag\_b: 11.3 |
| NGC 1559 | GX | 10.4 | 3.5'x2.0' | R04:17:36.7 D-62:47:02 *Reticulum* Type: SBc, SB: 12.4, mag\_b: 11.1 |
| NGC 1574 | GX | 10.3 | 4.0'x3.6' | R04:21:58.6 D-56:58:28 *Reticulum* Type: E/S0, SB: 13.3, mag\_b: 11.3 |
| 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 |
| M 72 | GC | 9.2 | 6.6' | R20:53:27.9 D-12:32:11 *Aquarius* Type: IX |
| M 73 | OC | 8.9 | 1.4' | R20:58:56.0 D-12:38:07 *Aquarius* Type: IV1p |
| 12 Aqr | \* F5 | 5.90 |  | R21:04:04.7 D-05:49:23.0 *Aquarius* SAO 145065 |
| *Saturn Nebula* NGC 7009 | PN | 8.0 | 0.6' | R21:04:10.8 D-11:21:47 *Aquarius* Type: PN, mag\_b: 8.3 |
| NGC 7041 | GX | 11.1 | 3.6'x1.5' | R21:16:32.1 D-48:21:47 *Indus* Type: E-S0, SB: 13.0, mag\_b: 12.1 |
| NGC 7049 | GX | 10.6 | 4.5'x3.0' | R21:19:00.2 D-48:33:41 *Indus* Type: S0, SB: 13.3, mag\_b: 11.6 |
| NGC 7064 | GX | 12.2 | 3.8'x0.7' | R21:29:03.2 D-52:46:02 *Indus* Type: SBc, SB: 13.1, mag\_b: 12.9 |
| M 2 | GC | 6.6 | 16.0' | R21:33:27.2 D-00:49:22 *Aquarius* Type: II |
| NGC 7083 | GX | 11.1 | 3.9'x2.3' | R21:35:44.6 D-63:54:12 *Indus* Type: Sbc, SB: 13.3, mag\_b: 11.9 |
| NGC 7090 | GX | 10.7 | 7.3'x1.2' | R21:36:27.7 D-54:33:18 *Indus* Type: SBc, SB: 12.9, mag\_b: 11.4 |
| M 30 | GC | 6.9 | 12.0' | R21:40:22.0 D-23:10:43 *Capricornus* Type: V |
| HR 8363 | \*A F5IV \*B \*C | 6.29 9.52 15.16 | AB 15.98" AC 143.80" | R21:54:35.91 D-03:18:04.5 *Aquarius* WDS 21546-0318,SAO 145735 |
| IC 5148 | PN | 11.0 | 2.2' | R21:59:35.1 D-39:23:06 *Grus* Type: PN, mag\_b: 12.9 |
| 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 |
| 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 |
| δ1 Gru | \* G5 | 4.00 |  | R22:29:16.2 D-43:29:44.3 *Grus* SAO 231154 |
| *Helix Nebula* NGC 7293 | PN | 7.3 | 17.6' | R22:29:38.4 D-20:50:11 *Aquarius* Type: PN, mag\_b: 7.5 |
| NGC 7410 | GX | 10.4 | 5.2'x1.6' | R22:55:00.6 D-39:39:44 *Grus* Type: SBa, SB: 12.6, mag\_b: 11.3 |
| NGC 7412 | GX | 11.1 | 3.8'x2.8' | R22:55:46.1 D-42:38:29 *Grus* Type: SBb, SB: 13.5, mag\_b: 11.9 |
| NGC 7424 | GX | 10.2 | 9.5'x8.1' | R22:57:18.4 D-41:04:15 *Grus* Type: SBc, SB: 14.8, mag\_b: 10.9 |
| NGC 7462 | GX | 11.4 | 4.3'x0.8' | R23:02:46.2 D-40:50:08 *Grus* Type: SBbc, SB: 12.6, mag\_b: 12.2 |
| ψ1 Aqr | \* K0 | 4.50 |  | R23:15:53.5 D-09:05:15.8 *Aquarius* SAO 146598 |
| *Grus Quartet* NGC 7552 | GX | 10.6 | 3.4'x2.7' | R23:16:10.6 D-42:35:05 *Grus* Type: SBab, SB: 12.9, mag\_b: 11.4 |
| *Grus Quartet* NGC 7582 | GX | 10.5 | 5.0'x2.3' | R23:18:23.5 D-42:22:11 *Grus* Type: SBab, SB: 13.0, mag\_b: 11.3 |
| NGC 7606 | GX | 10.8 | 5.4'x2.1' | R23:19:04.8 D-08:29:11 *Aquarius* Type: Sb, SB: 13.3, mag\_b: 11.6 |
| 94 Aqr | \* G5 | 5.30 |  | R23:19:06.7 D-13:27:32.0 *Aquarius* SAO 165625 |
| IC 5332 | GX | 10.4 | 8.9'x8.2' | R23:34:27.4 D-36:06:05 *Sculptor* Type: SBcd, SB: 14.9, mag\_b: 11.1 |
| NGC 7713 | GX | 10.9 | 4.5'x1.8' | R23:36:15.3 D-37:56:20 *Sculptor* Type: SBcd, SB: 13.0, mag\_b: 11.6 |
| i2 Aqr | \*A A9IV \*B F2V | 5.65 6.46 | AB 7.09" | R23:46:00.85 D-18:40:42.1 *Aquarius* WDS 23460-1841,SAO 165868 |
| NGC 7793 | GX | 9.0 | 9.3'x6.3' | R23:57:49.2 D-32:35:30 *Sculptor* Type: Scd, SB: 13.3, mag\_b: 9.7 |