| **Fall 04 Cassiopeia (47 objects)** | | | | |
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| **Object** | **Type** | **Mag** | **Size** | **Information** |
| HD 225010 | \*A G9III \*B A1V \*C | 5.96 7.17 10.99 | AB 15.32" AC 98.66" | R00:02:36.08 D66:05:56.3 *Cassiopeia* WDS 00026+6606,SAO 10938 |
| Stock 2 | OC | 4.4 | 4.0' | R00:25:15 D62:37:00 *Cassiopeia* 2-2-p-\* |
| NGC 129 | OC | 6.5 | 12.0' | R00:30:00.0 D+60:13:06 *Cassiopeia* Type: IV2p |
| NGC 133 | OC | 9.4 | 3.0' | R00:31:18.0 D+63:21:00 *Cassiopeia* Type: IV1p |
| King 14 | OC | 8.5 | 8.0' | R00:32:03 D63:09:20 *Cassiopeia* |
| NGC 146 | OC | 9.1 | 5.0' | R00:33:03.0 D+63:18:06 *Cassiopeia* Type: IV3p |
| NGC 147 | GX | 9.4 | 13.2'x7.8' | R00:33:11.7 D+48:30:26 *Cassiopeia* Type: E5/P, SB: 14.5, mag\_b: 10.4 |
| NGC 185 | GX | 9.3 | 8.0'x7.0' | R00:38:57.6 D+48:20:14 *Cassiopeia* Type: E3, SB: 13.7, mag\_b: 10.3 |
| NGC 189 | OC | 8.8 | 5.0' | R00:39:35.6 D+61:05:06 *Cassiopeia* Type: III2p |
| *Shedar* α Cas | \* K0 | 2.50 |  | R00:40:30.5 D56:32:14.4 *Cassiopeia* *Schedar*,*Shedir*,*Schedir* SAO 21609 |
| NGC 225 | OC | 7.0 | 15.0' | R00:43:39.0 D+61:46:30 *Cassiopeia* Type: III1p |
| PN G122.1-04.9 | PN |  | 0.5'x0.5' | R00:45:34.678 D+57:57:34.88 *Cassiopeia* |
| *Achird* ζ Cas | \* F8 | 3.60 |  | R00:49:06.0 D57:48:57.2 *Cassiopeia* SAO 21732 |
| NGC 278 | GX | 10.7 | 2.1'x2.0' | R00:52:04.5 D+47:33:03 *Cassiopeia* Type: SBb, SB: 12.1, mag\_b: 11.5 |
| *Pacman Nebula* NGC 281 | BN |  | 35.0'x30.0' | R00:52:53.8 D+56:37:30 *Cassiopeia* Type: EN |
| NGC 381 | OC | 9.3 | 7.0' | R01:08:20.0 D+61:35:00 *Cassiopeia* Type: III2p |
| NGC 436 | OC | 8.8 | 5.0' | R01:15:58.0 D+58:48:42 *Cassiopeia* Type: I3m |
| *Owl Cluster* NGC 457 | OC | 6.4 | 20.0' | R01:19:35.0 D+58:17:12 *Cassiopeia* Type: I3r *Dragonfly Cluster*,*Kachina Doll Cluster*,*ET Cluster* |
| NGC 559 | OC | 9.5 | 7.0' | R01:29:31.0 D+63:18:24 *Cassiopeia* Type: II2m |
| M 103 | OC | 7.4 | 6.0' | R01:33:23.0 D+60:39:00 *Cassiopeia* Type: III2p |
| Trumpler 1 | OC | 8.1 | 3.0' | R01:35:42 D61:17:00 *Cassiopeia* |
| NGC 637 | OC | 8.2 | 3.0' | R01:43:03.0 D+64:02:12 *Cassiopeia* Type: I3p |
| NGC 654 | OC | 6.5 | 6.0' | R01:43:59.4 D+61:52:58 *Cassiopeia* Type: II3m |
| NGC 659 | OC | 7.9 | 6.0' | R01:44:24.0 D+60:40:24 *Cassiopeia* Type: III1p |
| Collinder 463 | OC | 5.7 | 57.0' | R01:45:45 D71:48:36 *Cassiopeia* |
| NGC 663 | OC | 7.1 | 15.0' | R01:46:09.0 D+61:14:00 *Cassiopeia* Type: III2m |
| IC 166 | OC | 11.7 | 8.0' | R01:52:22.0 D+61:51:12 *Cassiopeia* Type: III1r |
| IC 1747 | PN | 12.0 | 0.3' | R01:57:35.8 D+63:19:22 *Cassiopeia* Type: PN, mag\_b: 13.6 |
| Stock 5 | OC |  | 24.0' | R02:04:30 D64:26:00 *Cassiopeia* 4-2-p-\* |
| ι Cas | \* A5p | 4.60 |  | R02:29:04.0 D67:24:08.5 *Cassiopeia* SAO 12298 |
| Markarian 6 | OC | 14.2 | 6.0' | R02:29:40 D60:42:24 *Cassiopeia* |
| *Heart Nebula* IC 1805 | OC | 6.5 | 20.0' | R02:32:48.0 D+61:27:42 *Cassiopeia* Type: III3pn |
| Berkeley 65 | OC | 10.2 | 5.0' | R02:39:00 D60:25:00 *Cassiopeia* |
| NGC 1027 | OC | 6.7 | 15.0' | R02:42:40.0 D+61:35:42 *Cassiopeia* Type: III2p |
| *Soul Nebula* IC 1848 | OC | 6.5 | 18.0' | R02:51:18.0 D+60:24:30 *Cassiopeia* Type: IV3pn |
| Collinder 34 | OC | 6.8 | 25.0' | R02:59:23 D60:34:00 *Cassiopeia* 1-3-p-n |
| IC 289 | PN | 13.2 | 0.8' | R03:10:19.2 D+61:19:03 *Cassiopeia* Type: PN, mag\_b: 12.3 |
| Trumpler 3 | OC | 7.0 | 12.0' | R03:11:48 D63:15:00 *Cassiopeia* 3-2-m-\* |
| 2 Cas | \* A3 | 5.60 |  | R23:09:44.1 D59:19:58.5 *Cassiopeia* SAO 35186 |
| M 52 | OC | 6.9 | 16.0' | R23:24:48.0 D+61:35:36 *Cassiopeia* Type: I2r |
| Czernik 43 | OC |  | 5.0' | R23:25:48 D61:19:00 *Cassiopeia* 3-1-p-\* |
| Stock 12 | OC |  | 35.0' | R23:36:20 D52:32:36 *Cassiopeia* 4-2-p-\* |
| King 12 | OC |  | 5.0' | R23:53:01 D61:56:45 *Cassiopeia* |
| NGC 7788 | OC | 9.4 | 4.0' | R23:56:46.0 D+61:24:00 *Cassiopeia* Type: I2p |
| *Caroline's Rose* NGC 7789 | OC | 6.7 | 25.0' | R23:57:24.0 D+56:42:30 *Cassiopeia* Type: II1r |
| NGC 7790 | OC | 8.5 | 5.0' | R23:58:24.2 D+61:12:30 *Cassiopeia* Type: III2p |
| σ Cas | \* B2 | 4.90 |  | R23:59:00.5 D55:45:17.7 *Cassiopeia* SAO 35947 |