| **Fall Best North (33 objects)** | | | | |
| --- | --- | --- | --- | --- |
| **Object** | **Type** | **Mag** | **Size** | **Information** |
| NGC 40 | PN | 12.3 | 1.2' | R00:13:01.0 D+72:31:21 *Cepheus* Type: PN, mag\_b: 10.7 |
| *Shedar* α Cas | \* K0 | 2.50 |  | R00:40:30.5 D56:32:14.4 *Cassiopeia* *Schedar*,*Shedir*,*Schedir* SAO 21609 |
| NGC 188 | OC | 8.1 | 15.0' | R00:47:28.0 D+85:15:18 *Cepheus* Type: II2r |
| *Achird* ζ Cas | \* F8 | 3.60 |  | R00:49:06.0 D57:48:57.2 *Cassiopeia* SAO 21732 |
| *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 |
| *Little Dumbbell Nebula* M 76 | PN | 10.1 | 3.1' | R01:42:18.1 D+51:34:17 *Perseus* Type: PN, mag\_b: 12.2 *Cork Nebula* |
| NGC 654 | OC | 6.5 | 6.0' | R01:43:59.4 D+61:52:58 *Cassiopeia* Type: II3m |
| NGC 663 | OC | 7.1 | 15.0' | R01:46:09.0 D+61:14:00 *Cassiopeia* Type: III2m |
| ι Cas | \* A5p | 4.60 |  | R02:29:04.0 D67:24:08.5 *Cassiopeia* SAO 12298 |
| HR 716 | \*A A2pShell \*B | 6.72 8.50 | AB 2.80" | R02:29:24.96 D55:32:10.5  WDS 02294+5532,SAO 23369 |
| HD 15407 | \*A F4V \*B \*C \*D \*E | 7.00 9.66 11.37 14.20 14.70 | AB 21.27" AC 47.91" AD 51.02" BD 32.42" BE 15.68" | R02:30:50.65 D55:32:54.2  WDS 02308+5533,SAO 23389 |
| *Heart Nebula* IC 1805 | OC | 6.5 | 20.0' | R02:32:48.0 D+61:27:42 *Cassiopeia* Type: III3pn |
| *Miram* ζ Per | \* K0 | 4.00 |  | R02:50:41.8 D55:53:43.7 *Perseus* SAO 23655 |
| *Soul Nebula* IC 1848 | OC | 6.5 | 18.0' | R02:51:18.0 D+60:24:30 *Cassiopeia* Type: IV3pn |
| HR 890 | \*A B7V \*B B9V | 5.21 6.17 | AB 12.03" | R03:00:52.18 D52:21:06.5  WDS 03009+5221,SAO 23763 |
| HD 21488 | \*A K0 \*B | 7.45 10.34 | AB 26.20" | R03:30:17.71 D52:53:41.3  WDS 03303+5254,SAO 24068 |
| NGC 6939 | OC | 7.8 | 10.0' | R20:31:30.0 D+60:39:43 *Cepheus* Type: I1m |
| *Fireworks Galaxy* NGC 6946 | GX | 9.0 | 11.5'x9.8' | R20:34:52.1 D+60:09:12 *Cygnus* Type: SBc, SB: 14.0, mag\_b: 9.7 |
| *Iris Nebula* NGC 7023 | BN |  | 10.0'x8.0' | R21:01:35.5 D+68:10:10 *Cepheus* Type: EN+OCL, mag\_b: 7.1 |
| STT 440 | \*A M3III \*B | 6.34 10.42 | AB 8.90" | R21:27:25.28 D59:45:00.3 *Cepheus* WDS 21274+5945 |
| *Alfirk* β Cep | \* B1 | 3.30 |  | R21:28:39.6 D70:33:38.7 *Cepheus* *Alphirk* SAO 10057 |
| *Elephant Trunk* IC 1396 | BN |  | 170.0'x140.0' | R21:38:54.0 D+57:29:20 *Cepheus* Type: EN |
| *Garnet Star* μ Cep | \* M0 | 4.00 |  | R21:43:30.4 D58:46:48.1 *Cepheus* *Erakis* SAO 33693 |
| *Alkurah* ξ Cep | \* A3 | 4.60 |  | R22:03:47.4 D64:37:40.2 *Cepheus* *Al Kurhah*,*Alkirdah*,*Al Kirduh* SAO 19827 |
| δ Cep | \* +++ | 4.00 |  | R22:29:10.3 D58:24:54.5 *Cepheus* SAO 34508 |
| *Cave Nebula* C 9 | BN | 7.7 | 50.0'x30.0' | R22:57:31.30 D62:42:47.1 *Cepheus* |
| NGC 7510 | OC | 7.9 | 7.0' | R23:11:03.8 D+60:34:15 *Cepheus* Type: II2m |
| *Bubble Nebula* NGC 7635 | BN |  | 15.0'x8.0' | R23:20:45.0 D+61:12:42 *Cassiopeia* Type: EN, mag\_b: 11.0 |
| M 52 | OC | 6.9 | 16.0' | R23:24:48.0 D+61:35:36 *Cassiopeia* Type: I2r |
| *Caroline's Rose* NGC 7789 | OC | 6.7 | 25.0' | R23:57:24.0 D+56:42:30 *Cassiopeia* Type: II1r |
| σ Cas | \* B2 | 4.90 |  | R23:59:00.5 D55:45:17.7 *Cassiopeia* SAO 35947 |