

Telescope Showpieces for January

Object	Con	RA	Dec	Notes
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
θ Eridani	Eri	20h 58.8m	-40° 15'	Double star. Blue-white. Mags 3.2 & 4.3. Sep=8.2".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mag 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
η Cassiopeiae	Cas	00h 49.0m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
M33	Tri	01h 33.8m	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
γ Arietis	Ari	01h 54.0m	+19° 18'	Double star. Blue-white star. Sep=7.8".
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
M1	Tau	05h 34.5m	+22° 01'	Supernova remnant. "Crab Nebula". Supernova in 1054. Dist=6,500 ly.
σ Orionis	Ori	05h 39.5m	-02° 36'	Multiple star.
ε Monocerotis	Mon	06h 23.8m	+04° 36'	Double star.
β Monocerotis	Mon	06h 29.5m	-07° 03'	Triple star. Mags 4.6, 5.0 & 5.4. Sep=7.3".
NGC 2301	Mon	06h 51.8m	+00° 28'	Open star cluster.
Melotte 71	Pup	07h 37.5m	-12° 04'	Open star cluster.
κ Puppis	Pup	07h 38.8m	-26° 48'	Double star.
NGC 2527	Pup	08h 05.3m	-28° 10'	Open star cluster.
NGC 2539	Pup	08h 10.7m	-12° 50'	Open star cluster.
M67	Cnc	08h 51.3m	+11° 48'	Open star cluster. Contains 500+ stars mag 10 & fainter. Dist=2,350 ly.

Telescope Showpieces for February

Object	Con	RA	Dec	Notes
θ Eridani	Eri	20h 58.8m	-40° 15'	Double star. Blue-white. Mags 3.2 & 4.3. Sep=8.2".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mag 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
η Cassiopeiae	Cas	00h 49.0m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
M33	Tri	01h 33.8m	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
γ Arietis	Ari	01h 54.0m	+19° 18'	Double star. Blue-white star. Sep=7.8".
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
M1	Tau	05h 34.5m	+22° 01'	Supernova remnant. "Crab Nebula". Supernova in 1054. Dist=6,500 ly.
σ Orionis	Ori	05h 39.5m	-02° 36'	Multiple star.
NGC 2185	Gem	06h 07.5m	+24° 06'	Open star cluster. Cr 81.
β Monocerotis	Mon	06h 29.5m	-07° 03'	Triple star. Mags 4.6, 5.0 & 5.4. Sep=7.3".
NGC 2264	Mon	06h 41.0m	+09° 54'	Open star cluster. Christmas Tree Cluster. 2,450 ly.
NGC 2362	CMa	07h 18.8m	-24° 57'	Open star cluster.
NGC 2393	Gem	07h 29.2m	+20° 55'	Planetary nebula. "Eskimo Nebula".
κ Puppis	Pup	07h 38.8m	-26° 48'	Double star.
M67	Cnc	08h 51.3m	+11° 48'	Open star cluster. Contains 500+ stars mag 10 & fainter. Dist=2,350 ly.
M81	UMa	09h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	09h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
γ Leonis	Leo	10h 20.7m	+19° 46'	Double star. Golden-yellow giant stars. Mags 2.2 & 3.5. Sep=4.4".
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.

Telescope Showpieces for March

Object	Con	RA	Dec	Notes
η Cassiopeiae	Cas	0h 49.9m	+57° 53'	Double star. Yellow star mag 3.4 & orange star mag 7.5. 19 ly. Sep=12".
γ Arietis	Ari	1h 54.3m	+19° 22'	Double blue-white star. Sep=7.8".
γ Andromedae	And	2h 04.7m	+42° 24'	Double star. Bright orange star with mag 5 blue companion. Sep=9.8".
M1	Tau	5h 34.5m	+22° 01'	Crab Nebula. Supernova remnant. Dist=6,500 ly.
σ Orionis	Ori	5h 39.4m	-2° 36'	Multiple star.
β Monocerotis	Mon	6h 29.5m	-7° 03'	Triple star. Mags 4.6, 5.0 & 5.4. Sep=7.3".
k Puppis	Pup	7h 39.4m	-26° 50'	Double star. Two blue-white stars of almost equal brightness. Sep=9.9".
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
5 Lyncis	Lyn	6h 28.0m	+58° 24'	Triple star.
NGC 2264	Mon	6h 41.0m	+9° 54'	Open star cluster. Christmas Tree Cluster. 2,450 ly.
M67	Cnc	8h 51.3m	+11° 48'	Open star cluster. One of the oldest clusters. 2,350 ly.
NGC 2683	Lyn	8h 52.7m	+33° 25'	Spiral galaxy.
γ Leonis	Leo	10h 20.7m	+19° 46'	Double star. Golden-yellow giant stars. Mags 2.2 & 3.5. Sep=4.4".
NGC 3242	Hya	10h 24.8m	-18° 38'	Planetary nebula. Ghost of Jupiter. Dist=2,600 ly.
γ Virginis	Vir	12h 42.4m	-1° 31'	Double star. Pair of mag 3.5 yellow-white stars.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
ϵ Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".

Telescope Showpieces for April

Object	Con	RA	Dec	Notes
η Cassiopeiae	Cas	0h 49.9m	+57° 53'	Double star. Yellow star mag 3.4 & orange star mag 7.5. 19 ly. Sep=12".
M1	Tau	5h 34.5m	+22° 01'	Crab Nebula. Supernova remnant. Dist=6,500 ly.
β Monocerotis	Mon	6h 29.5m	-7° 03'	Triple star. Mags 4.6, 5.0 & 5.4. Sep=7.3".
NGC 2264	Mon	6h 41.0m	+9° 54'	Open star cluster. Christmas Tree Cluster. 2,450 ly.
M67	Cnc	8h 51.3m	+11° 48'	Open star cluster. One of the oldest clusters. 2,350 ly.
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
NGC 3132	Vel	10h 07.7m	-40° 26'	Planetary nebula. One of the brightest. 2,600 ly.
γ Leonis	Leo	10h 20.7m	+19° 46'	Double star. Golden-yellow giant stars. Mags 2.2 & 3.5. Sep=4.4".
NGC 3242	Hya	10h 24.8m	-18° 38'	Planetary nebula. Ghost of Jupiter. Dist=2,600 ly.
54 Leonis	Leo	10h 55.6m	+24° 5.8'	Double star.
NGC 3521	Leo	11h 03.2m	+0° 14'	Spiral galaxy.
M65	Leo	11h 18.9m	+13° 06'	Spiral galaxy.
M66	Leo	11h 20.3m	+13° 00'	Spiral galaxy.
88 Leonis	Leo	11h 31.7m	+14° 22'	Double star.
M104	Vir	12h 40.0m	-11° 37'	Sombrero Galaxy. Almost edge-on spiral galaxy.
γ Virginis	Vir	12h 42.4m	-1° 31'	Double star. Pair of mag 3.5 yellow-white stars.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
M83	Hya	13h 37.7m	-29° 52'	Spiral galaxy. Classic face-on.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".

Telescope Showpieces for May

Object	Con	RA	Dec	Notes
η Cassiopeiae	Cas	0h 49.9m	+57° 53'	Double star. Yellow star mag 3.4 & orange star mag 7.5. 19 ly. Sep=12".
M67	Cnc	8h 51.3m	+11° 48'	Open star cluster. One of the oldest clusters. 2,350 ly.
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
γ Leonis	Leo	10h 20.7m	+19° 46'	Double star. Golden-yellow giant stars. Mags 2.2 & 3.5. Sep=4.4".
NGC 3242	Hya	10h 24.8m	-18° 38'	Planetary nebula. Ghost of Jupiter. Dist=2,600 ly.
NGC 4244	CVn	12h 17.5m	+37° 49'	Spiral galaxy.
M106	CVn	12h 19.0m	+47° 18'	Spiral galaxy.
M104	Vir	12h 40.0m	-11° 37'	Sombrero Galaxy. Almost edge-on spiral galaxy.
γ Virginis	Vir	12h 42.4m	-1° 31'	Double star. Pair of mag 3.5 yellow-white stars.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
α CVn	CVn	12h 56.0m	+38° 19'	Double star. Cor Caroli.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M53	Com	13h 12.9m	+18° 10'	Globular star cluster.
ζ UMa	UMa	13h 23.9m	+54° 56'	Double star.
NGC 5128	Cen	13h 26.3m	-43° 05'	Spiral galaxy. Obscuring dust lane. Strong radio source. 14 million ly.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
M83	Hya	13h 37.7m	-29° 52'	Spiral galaxy. Classic face-on.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M57	Lyr	18h 54.1m	33° 03'	Ring Nebula. Magnificent object. Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mags 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".

Telescope Showpieces for June

Object	Con	RA	Dec	Notes
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
γ Virginis	Vir	12h 42.4m	-1° 31'	Double star. Pair of mag 3.5 yellow-white stars.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".
M4	Sco	16h 23.6m	-26° 31'	Globular star cluster. Dist=7,000 ly.
M12	Oph	16h 47.2m	-1° 57'	Globular cluster. Dist=18,000 ly.
M10	Oph	16h 57.2m	-4° 06'	Globular cluster. Dist=14,000 ly.
α Herculis	Her	17h 14.6m	+14° 23'	Double star.
δ Herculis	Her	17h 15.0m	+24° 50'	Double star.
M92	Her	17h 17.1m	+43° 08'	Globular star cluster.
M23	Sgr	17h 56.9m	-19° 01'	Open star cluster. Telescope required to show stars. Dist=2,100 ly.
M20	Sgr	18h 02.4m	-23° 02'	Bright nebula. "Trifid Nebula". Dist=5,200 ly.
M21	Sgr	18h 04.7m	-22° 30'	Open star cluster. Dist=4,200 ly.
M16	Ser	18h 18.9m	-13° 47'	Eagle Nebula. Requires a telescope of large aperture. Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-6° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	33° 03'	Ring Nebula. Magnificent object. Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mags 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".

Telescope Showpieces for July

Object	Con	RA	Dec	Notes
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".
M23	Sgr	17h 56.9m	-19° 01'	Open star cluster. Telescope required to show stars. Dist=2,100 ly.
M20	Sgr	18h 02.4m	-23° 02'	Bright nebula. "Trifid Nebula". Dist=5,200 ly.
M21	Sgr	18h 04.7m	-22° 30'	Open star cluster. Dist=4,200 ly.
M16	Ser	18h 18.9m	-13° 47'	Eagle Nebula. Requires a telescope of large aperture. Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
M28	Sgr	18h 24.5m	-24° 52'	Globular star cluster.
M26	Sct	18h 45.2m	-09° 24'	Open star cluster.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-6° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	+33° 03'	Ring Nebula. Magnificent object. Smoke-ring shape. Dist=4,100 ly.
Σ2470	Lyr	19h 08.8m	+34° 58'	Double star.
Σ2474	Lyr	19h 09.1m	+34° 36'	Double star.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mags 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".

Telescope Showpieces for August

Object	Con	RA	Dec	Notes
M81	UMa	9h 55.2m	+69° 04'	Spiral galaxy. Also visible with binoculars.
M82	UMa	9h 56.2m	+69° 42'	Irregular galaxy. Close to M81 but much fainter and smaller.
M94	CVn	12h 50.9m	+41° 07'	Spiral galaxy. 15 million ly.
M64	Com	12h 56.7m	+21° 41'	Spiral galaxy. Black-Eye Galaxy.
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".
M23	Sgr	17h 56.9m	-19° 01'	Open star cluster. Telescope required to show stars. Dist=2,100 ly.
M20	Sgr	18h 02.4m	-23° 02'	Bright nebula. "Trifid Nebula". Dist=5,200 ly.
M21	Sgr	18h 04.7m	-22° 30'	Open star cluster. Dist=4,200 ly.
M16	Ser	18h 18.9m	-13° 47'	Eagle Nebula. Requires a telescope of large aperture. Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-6° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	+33° 03'	Ring Nebula. Magnificent object. Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
NGC 6826	Cyg	19h 44.8m	+50° 31'	Planetary nebula. "Blinking Nebula"
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Cygni	Cyg	20h 46.7m	+16° 07'	Double star.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mags 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
NGC 7243	Lac	22h 15.3m	+49° 53'	Open star cluster.
NGC 7510	Cep	23h 11.5m	+60° 34'	Open star cluster.

Telescope Showpieces for September

Object	Con	RA	Dec	Notes
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
ε Bootis	Boo	14h 45.6m	+27° 01'	Double star. Red giant with a blue-green companion. Sep=2.8".
M20	Sgr	18h 02.4m	-23° 02'	Bright nebula. "Trifid Nebula". Dist=5,200 ly.
M16	Ser	18h 18.9m	-13° 47'	Eagle Nebula. Requires a telescope of large aperture. Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-6° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	+33° 03'	Planetary nebula. "Ring Nebula". Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mags 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
NGC 7293	Aqr	22h 29.6m	-20° 48'	Planetary nebula. "Helix Nebula". Spans nearly 1/4 deg. Dist=300 ly.
η Cassiopeiae	Cas	00h 49m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
M103	Cas	01h 33.2m	+60° 42'	Open star cluster.
M33	Tri	01h 33.8	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
M74	Psc	01h 36.7m	+15° 47'	Spiral galaxy. Face-on.
M76	Per	01h 42.4m	+51° 34'	Planetary nebula. "Little Dumbell".
γ Arietis	Ari	01h 54m	+19° 18'	Double star. Blue-white star. Sep=7.8".
NGC 752	And	01h 57.8m	+34° 41'	Open star cluster.
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
NGC 891	And	02h 22.6m	+42° 21'	Spiral galaxy. Edge-on.

Telescope Showpieces for October

Object	Con	RA	Dec	Notes
M51	CVn	13h 29.9m	+47° 12'	Spiral galaxy. Whirlpool Galaxy. 25 million ly.
M23	Sgr	17h 56.9m	-19° 01'	Open star cluster. Dist=2,100 ly.
M20	Sgr	18h 02.4m	-23° 02'	Bright nebula. "Trifid Nebula". Dist=5,200 ly.
M21	Sgr	18h 04.7m	-22° 30'	Open star cluster. Dist=4,200 ly.
M16	Ser	18h 18.9m	-13° 47'	Eagle Nebula. Requires a telescope of large aperture. Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-06° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	+33° 03'	Planetary nebula. "Ring Nebula". Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mag 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
NGC 7293	Aqr	22h 29.6m	-20° 48'	Planetary nebula. "Helix Nebula". Spans nearly 1/4 deg. Dist=300 ly.
η Cassiopeiae	Cas	00h 49m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
NGC 436	Cas	01h 15.6m	+58° 49'	Open star cluster.
M33	Tri	01h 33.8	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
NGC 654	Cas	01h 44.1m	+61° 53'	Open star cluster.
NGC 663	Cas	01h 46.0m	+61° 15'	Open star cluster.
γ Arietis	Ari	01h 54m	+19° 18'	Double star. Blue-white star. Sep=7.8".
ι Trianguli	Tri	02h 03.0m	+33° 17'	Double star.
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
M77	Cet	02h 42.7m	-00° 01'	Spiral galaxy.
ε Persei	Per	03h 57.9m	+40° 01'	Double star.

Telescope Showpieces for November

Object	Con	RA	Dec	Notes
M16	Ser	18h 18.9m	-13° 47'	Bright nebula. "Eagle Nebula". Dist=8,150 ly.
M17	Sgr	18h 20.8m	-16° 10'	Bright nebula. "Omega Nebula". Dist=4,900 ly.
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M11	Set	18h 51.1m	-06° 16'	Open star cluster. "Wild Duck Cluster". V-shaped. Dist=5,600 ly.
M57	Lyr	18h 54.1m	+33° 03'	Planetary nebula. "Ring Nebula". Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mag 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
NGC 7293	Aqr	22h 29.6m	-20° 48'	Planetary nebula. "Helix Nebula". Spans nearly 1/4 deg. Dist=300 ly.
η Cassiopeiae	Cas	00h 49m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
M33	Tri	01h 33.8	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
γ Arietis	Ari	01h 54m	+19° 18'	Double star. Blue-white star. Sep=7.8".
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
NGC 1514	Tau	04h 09.2m	+30° 47'	Planetary nebula.
NGC 1664	Aur	04h 51.1m	+43° 42'	Open star cluster.
NGC 1746	Tau	05h 03.6m	+23° 49'	Open star cluster.
NGC 1807	Tau	05h 10.7m	+16° 32'	Open star cluster.
NGC 1817	Tau	05h 12.1m	+16° 42'	Open star cluster.
M1	Tau	05h 34.5m	+22° 01'	Supernova remnant. "Crab Nebula". Supernova in 1054. Dist=6,500 ly.
41 Aurigae	Aur	06h 11.6m	+48° 43'	Double star. Sep=7.7"

Telescope Showpieces for December

Object	Con	RA	Dec	Notes
β Lyrae	Lyr	18h 50.5m	+33° 23'	Double star. Eclipsing binary. Mag varies between 3.3 & 4.3.
M57	Lyr	18h 54.1m	+33° 03'	Planetary nebula. "Ring Nebula". Smoke-ring shape. Dist=4,100 ly.
Albireo	Cyg	19h 31.3m	+27° 59'	Beautiful double star. Colours of orange and blue-green. Sep=34.4".
M27	Vul	19h 59.6m	+22° 43'	Planetary nebula. "Dumbbell Nebula". Twin-lobed shape. Dist=975 ly.
γ Delphini	Del	20h 47.3m	+16° 11'	Double star. Yellow & white. Mags 4.3 & 5.2. Dist=100 ly.
θ Eridani	Eri	20h 58.8m	-40° 15'	Double star. Blue-white. Mags 3.2 & 4.3. Sep=8.2".
NGC 7009	Aqr	21h 04.9m	-11° 18'	Planetary nebula. "Saturn Nebula".
61 Cygni	Cyg	21h 07.5m	+38° 48'	Double star. Mag 5.2 & 6.1 orange dwarfs. 11.4 ly. Sep=28.4".
NGC 7293	Aqr	22h 29.6m	-20° 48'	Planetary nebula. "Helix Nebula". Spans nearly 1/4 deg. Dist=300 ly.
η Cassiopeiae	Cas	00h 49.0m	+57° 49'	Double star. Yellow & orange stars. Dist=19 ly. Sep=12".
M33	Tri	01h 33.8m	+30° 39'	Spiral galaxy. Face-on. Dist=2.3 million ly.
γ Arietis	Ari	01h 54.0m	+19° 18'	Double star. Blue-white star. Sep=7.8".
γ Andromedae	And	02h 03.9m	+42° 19'	Double star. Bright orange star with blue companion. Sep=9.8".
NGC 1501	Cam	04h 07.0m	+60° 55'	Planetary nebula.
NGC 1502	Cam	04h 07.7m	+62° 20'	Open star cluster.
β Orionis	Ori	05h 14.5m	-08° 12'	Double star. "Rigel".
M1	Tau	05h 34.5m	+22° 01'	Supernova remnant. "Crab Nebula". Supernova in 1054. Dist=6,500 ly.
σ Orionis	Ori	05h 39.5m	-02° 36'	Multiple star.
NGC 2146	Cam	06h 18.7m	+78° 21'	Spiral galaxy.
NGC 2169	Ori	06h 08.4m	+13° 57'	Open star cluster.
NGC 2336	Cam	07h 27.1m	+80° 11'	Spiral galaxy.