

Canterbury Astronomical Society Observing List

| Common Name | Messier | Caldwell | NGC | IC | Type of Object | Constellation | Magnitude | Also Known As | Distance (LY) |
|-------------------------|---------|------------|-----------|------|------------------|----------------|-----------|------------------------|---------------|
| 47 Tucanae | | 106 | 104 | | Globular Cluster | Tucanae | 4.9 | | 16700 |
| Alberio | | SAO 87301 | HIP 95947 | | Binary Star | Cygnus | 3.1-5.8 | Beta Cygnus | 386 |
| Alpha Centauri | | SAO 252838 | HIP 71683 | | Binary Star | Centaurus | 4.2 | Rigel Kentaurus | 4.36 |
| Antennae Galaxies | | 60 | 4038 | | Galaxy | Crater | 11.2 | | 45000000 |
| Antennae Galaxies | | 61 | 4039 | | Galaxy | Crater | 11.1 | | 45000000 |
| Beehive cluster | 44 | | 2632 | | Open Cluster | Cancer | 3.7 | Praesepe | 577 |
| Black Eye Galaxy | 64 | | 4826 | | Galaxy | Coma Bernices | 9 | M64 | 15000000 |
| Blue Planetary | | | 3918 | | Planetary Nebula | Centaurus | 8 | | 2600 |
| Bug Nebula | | 69 | 6302 | | Planetary Nebula | Scorpius | 7.1 | | 3400 |
| Butterfly Cluster | 6 | | 6405 | | Open Cluster | Scorpius | 4 | M6 | 1600 |
| Carb Nebula | 1 | | 1952 | | Super Nova Rem | Taurus | 8.4 | M1 | 6700 |
| Centaurus A | | 77 | 5128 | | Galaxy | Centaurus | 6.8 | | 16000000 |
| Centaurus Dunlop Galaxy | | 83 | 4945 | | Galaxy | Centaurus | 9.3 | | 11700000 |
| Chamaeleon Planetary | | 109 | 3195 | | Planetary Nebula | Chamaeleon | 11.6 | | 5500 |
| Coal Sack | | 99 | | | Dark Nebula | Crux | - | | 600 |
| Comet Nebula | 78 | | 2068 | | Nebula | Orion | 8.3 | M78 | 1600 |
| Cone Nebula | | | 2264 | | Nebula + Cluster | Monoceros | 3.9 | Christmas Tree Cluster | |
| Diamond Cluster | | 96 | 2516 | | Open Cluster | Carina | 3.8 | | 1300 |
| Dumbell Nebula | 27 | | 6853 | | Planetary Nebula | Vulpecula | 8.1 | M27 | 1360 |
| Eagle Nebula | 16 | | 6611 | | Nebula | Serpens | 6 | M16 | 8000 |
| Eight Burst | | 74 | 3132 | | Planetary Nebula | Vela | 8 | | 2600 |
| Eskimo Nebula | | 39 | 2392 | | Planetary Nebula | Gemini | 10.1 | Clown Nebula | 2870 |
| Eta Carina | | SAO 283429 | HD 93308 | | Star | Carina | 6.2 | Homunculus | 7500 |
| Eta Carina Nebula | | 92 | 3372 | | Nebula | Carina | 1 | | 7500 |
| Flame Nebula | | | 2024 | | Nebula | Orion | 3 | Christmas Tree Neb | 1500 |
| Gem Cluster | | | 3293 | | Open Cluster | Carina | 4.7 | | |
| Ghost of Jupiter | | 59 | 3242 | | Planetary Nebula | Hydra | 8.6 | | 1400 |
| Helix Nebula | | 63 | 7293 | | Planetary Nebula | Aquarius | 13 | | 695 |
| Hyades Cluster | | 41 | | | Open Cluster | Taurus | 0.5 | | 151 |
| Jewelbox | | 94 | 4755 | | Open Cluster | Crux | 4.2 | | 6440 |
| Key Hole Nebula | | | 3324 | | Dark Nebula | Carina | - | | 7500 |
| Lagoon Nebula | 8 | | 6523 | | Nebula | Sagittarius | 6 | M8 | 5000 |
| Lambda Cen Nebula | | 100 | | 2944 | Nebula | Centaurus | 4.5 | Running Chicken | 2000 |
| Large Magellenic Cloud | | | | | Galaxy | Dorado / Mensa | 0.9 | | 157000 |



Canterbury Astronomical Society Observing List

| Common Name | Messier | Caldwell | NGC | IC | Type of Object | Constellation | Magnitude | Also Known As | Distance (LY) |
|------------------------|---------|------------|-----------|------|-----------------------|---------------|-----------|--------------------|---------------|
| M22 | 22 | | 6656 | | Globular Cluster | Sagittarius | 5.1 | | 10600 |
| M4 | | | 6121 | | Globular Cluster | Scorpius | 6 | | 7000 |
| M41 | 41 | | 2287 | | Open Cluster | Canis Major | 4.5 | | 2300 |
| M46 | 46 | | | | Open Cluster | Puppis | 6.1 | | 5400 |
| M5 | 5 | | 5904 | | Globular Cluster | Serpens | 5.6 | | 24500 |
| Omega Centauri | | 80 | 5139 | | Globular Cluster | Centaurus | 3.6 | | 15800 |
| Orion Nebula | 42 | | | | Nebula | Orion | 4 | | 1344 |
| Pavo Globula | | | 6752 | | Globular Cluster | Pavo | 5.4 | Dunlop 295 | 20000 |
| Pavo Spiral | | 101 | 6744 | | Galaxy | Pavo | 9.1 | | 25000000 |
| Pearl Cluster | | 97 | 3766 | | Open Cluster | Centaurus | 5.3 | | 5500 |
| Pleiades | 45 | | | | Open Cluster | Taurus | 1.6 | Seven Sisters | 440 |
| Puppis Planetary | | | 2438 | | Planetary Nebula | Puppis | 10.8 | M46 Planetary | 2900 |
| Ring Nebula | 57 | | 6720 | | Planetary Nebula | Lyra | 8.8 | M57 | 2300 |
| Rosette Nebula | | 49 | 2244 | | Nebula + Cluster | Monoceros | 9 | | 5600 |
| Sculptor Galaxy | | 65 | 253 | | Galaxy | Sculptor | 8 | Silver Coin Galaxy | 9800000 |
| Sigma Orionis | | SAO 132406 | HIP 26549 | | Quintuple Star System | Orion | 3.6-6.6 | | 1150 |
| Small Magellenic Cloud | | | | | Galaxy | Tucanae | 2.7 | | 197000 |
| Sombrero Galaxy | 104 | | 4594 | | Galaxy | Corvus | 8.9 | M104 | 29300000 |
| Southern Pinwheel | 83 | | 5236 | | Galaxy | Hydra | 8 | M83 | 15000000 |
| Southern Pleiades | | 102 | | 2602 | Open Cluster | Carina | 1.9 | | 479 |
| Swan Nebula | 17 | | 6618 | | Nebula | Sagittarius | 6 | M17 | 5500 |
| Tarantula Nebula | | 103 | 2070 | | Nebula | Dorado | 8.3 | 30 Dorasus | 170000 |
| Tau Canis Cluster | | 64 | 2362 | | Open Cluster | Canis Major | 4.3 | | 4800 |
| Trifid Nebula | 20 | | 6514 | | Nebula | Sagittarius | 6.3 | M20 | 7000 |
| Vela Remnant | | | 2736 | | Super Nova Rem | Vela | 12 | | 815 |
| VY Canis Major | | SAO 173591 | HIP 35793 | | Star | Canis Major | 7-8.5 | VY Cma | 4900 |
| Wild Duck Cluster | 11 | | 6694 | | Open Cluster | Scutum | 6.3 | M11 | 6000 |
| Wishing Well Cluster | | 91 | 3532 | | Open Cluster | Carina | 3 | | 1300 |

